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Skill of a global forecasting system in seasonal ensemble streamflow prediction

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Abstract. In this study we assess the skill of seasonal streamflow forecasts with the global hydrological forecasting system FEWS-World which has been set up within the European Commission 7th Framework Programme Project Global Water Scarcity Information Service (GLOWASIS). FEWS-World incorporates the global hydrological model PCR-GLOBWB. We produce ensemble forecasts of monthly discharges for 20 large rivers of the world, with lead times of up to 6 months, forcing the system with bias-corrected seasonal meteorological forecast ensembles from the ECMWF and with probabilistic meteorological ensembles obtained following the ESP procedure. Here, the skill from the ESP ensembles, which contain no actual information on weather, serves as a benchmark to assess the additional skill that may be obtained using ECMWF seasonal forecasts. We use the Brier Score to quantify the skill of the system in forecasting high and low flows, defined as discharges higher than the 75th and lower than the 25th percentiles for a given month respectively. We determine the theoretical skill by comparing the results against model simulations and the actual skill in comparison to discharge observations. We calculate the ratios of actual to theoretical skill in order to quantify the percentage of the theoretical skill that is achieved. The results suggest that the skill of ECMWF S3 forecasts is close to that of the ESP forecasts. While better meteorological forecasts could potentially lead to an improvement in hydrological forecasts, this cannot be achieved yet using the ECMWF S3 dataset.

25 1. Introduction

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Reliable seasonal streamflow forecasts potentially have many benefits including disaster relief, management of hydropower reservoirs, water supply, agriculture and navigation. Seasonal hydrological forecasting on a global scale could be especially valuable for developing regions, where effective hydrological forecasting systems are scarce. Furthermore, global seasonal forecasts provide spatially consistent predictions of streamflow anomalies. These may supply information to disaster management organizations operating at global scale to prepare for response as well as to the international water and energy markets about the regional availability of water and hydropower in the coming months.

Approaches to seasonal streamflow forecasting can be divided into two categories, empirical/statistical methods and numerical/dynamical methods. Empirical/statistical methods use statistical techniques (e.g., simple correlation, multiple regression, linear or quadratic discriminant analysis, canonical correlation

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analysis, and neural networks etc.) to find statistically significant relationships between atmospheric/oceanic indicators and river flow on the basis of historical observations. While statistical forecasts are quite successful in some regions of the world and in some seasons, in many cases the available records are too short to accurately capture climatic variability. Moreover, forecasts derived from past climate do not include anthropogenic or other long-term changes in the climate, such as global warming; and statistical methods do not explain the underlying physical mechanisms. Although statistical methods are the more widely developed and reliable methods that are used for most current operational seasonal forecasts, dynamical modelling is thought to hold the greatest potential for future improvement in reliable seasonal streamflow forecasting (Zwiers and von Storch, 2004).

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Dynamical model experiments involve the integration of General Circulation Models (GCMs) which model atmospheric, oceanic and land surface interactions and processes as a set of dynamic equations. In contrast to medium-range Numerical Weather Prediction (NWP), which is based on atmospheric-only integrations, seasonal forecasting by GCMs is based on coupled ocean-atmospheric integrations, where both atmospheric and oceanic components of the Earth's system are taken into account. The main source of predictability for climate forecasting at seasonal scale is the long-term predictability of the oceanic circulation and its large impact on the global atmospheric circulation. The most important cause of seasonal climate variability is the ENSO (El Niño Southern Oscillation) cycle, which is the large-scale fluctuation of ocean temperatures, rainfall, atmospheric circulation, vertical motion and air pressure centered over the tropical Pacific but affecting other ocean basins as well. Similarly, unusually warm or cold sea surface temperatures (SST) in other tropical oceans, the extent and thickness of snow cover and the amount of soil moisture can have a persistent influence on the atmospheric circulation (Persson and Grazzini, 2007). Due to the chaotic nature of the atmospheric-oceanic system, model runs made with small, random perturbations in the input data may produce a wide range of difference in the output. Therefore, GCMs are run multiple times with slightly different sets of initial conditions, producing a set of output data called an ensemble. The hydrological output from the land surface scheme of a GCM may be used as streamflow forecasts. Alternatively, the meteorological forecast ensemble by a GCM may be used as input to a hydrological model which produces streamflow forecast ensembles, as we do in this research.

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This paper investigates the skill of seasonal streamflow forecasts for 20 of the largest rivers in the world with the global hydrological forecasting system FEWS-World, which has been setup within the European Commission 7th Framework Programme Project Global Water Scarcity Information Service (GLOWASIS). FEWS-World incorporates the global hydrological model PCR-GLOBWB. The capability of global hydrological models to predict streamflow was demonstrated previously by several studies such as the WaterGap (Alcamo et al., 2003; Döll et al., 2003), LaD (Milly and Schmakin, 2002), VIC (Nijssen et al., 2001), WBM (Vörösmarty et al., 2000; Fekete et al., 2002), Macro-PDM (Arnell, 1999; 2004), and PCR-GLOBWB (Sperna-Weiland et al., 2010; van Beek et al., 2011). Candogan Yossef et al. (2012) assessed the skill of the global hydrological model PCR-GLOBWB in reproducing past discharge extremes for 20 large rivers of the world, as a first step towards developing a global seasonal

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hydrological forecasting system and assessing its skill. The study quantified skill in deterministic hindcast mode, using the ERA 40 reanalysis by the European Centre for Medium-range Weather Forecasts (ECMWF). This preliminary assessment by Candogan Yossef et al. (2012) concluded that the prospects for seasonal forecasting with PCR-GLOBWB or comparable models are positive. Since actual probabilistic meteorological forecast ensembles were not used, the assessment did not include errors in the meteorological forcing.

However, in an actual forecasting setup, the predictive skill of a hydrological forecasting system is affected not only by errors in model structure and parameterization and initial conditions such as soil moisture, groundwater and snow, but also by meteorological forcing errors. Skill of seasonal hydrological forecasts can thus be improved by better meteorological forecasts on the one hand and by better estimation of initial hydrologic states through assimilation of independent hydrological observations on the other hand. The improvement in the overall predictability that may be attained depends on the relative importance of these two sources of uncertainty, which varies considerably among hydrological systems according to location, season and lead time (Bierkens and van den Hurk, 2007; Bierkens and van Beek, 2009; Shukla and Lettenmaier, 2011; Shukla et al., 2011). Candogan Yossef et al. (2013) assessed the roles of initial conditions (IC) and meteorological forcing (MF) in the skill of the global seasonal streamflow forecasting system FEWS-World, based on the ESP/revESP procedure outlined by Wood and Lettenmaier (2008). This study showed the potential for improvement in the skill of streamflow forecasts by a better estimation of IC or a more accurate MF input per region and per time of the year. The current paper aims to assess the total skill of hydrological forecasts, as affected by errors in model structure, in the estimation of IC as well as in the actual meteorological forecasts that are used to force the model.

25 The remaining part of this paper is set up as follows. Section 2 describes the global seasonal hydrological forecasting system, FEWS-World, the global hydrological model PCR-GLOBWB and the meteorological forcing data. Section 3 describes the hydrological simulations, the skill measures and the uncertainty analysis. Results are presented in Section 4, followed by discussion in Section 5 and conclusions in the last section.

30 2. Materials and Methods

2.1. Global hydrological forecasting system FEWS-World

FEWS-World is a global hydrological forecasting system configured within the forecasting environment Delft-FEWS. Delft-FEWS is an open shell for data handling, managing and guiding forecasting processes (Werner et al., 2013). It is used by a large number of operational forecasting centres and agencies around the world for various purposes such as forecasting hydrological storm surges, river flows, reservoir management and water quality. FEWS-World has been built as part of the GLOWASIS project. The FEWS-World system consists of a Master Controller, a Postgres database and 18 forecasting shells (i.e. computational cores) for efficient handling of ensemble forecasts and data processing. Within FEWS-

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World several workflows have been setup for running the global hydrological model PCR-GLOBWB using the precipitation, temperature and potential evaporation fields from the ERA Interim/Land GPCP-corrected dataset (Balsamo et al., 2011). Further descriptions of the meteorological forcing datasets are given in Section 2.2.

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PCR-GLOBWB (PCRaster Global Water Balance) simulates the terrestrial part of the global water cycle (van Beek et al., 2011; van Beek and Bierkens, 2009). It is coded in the high-level computer language PCRaster for constructing environmental models (Wesseling et al., 1996). The model is fully distributed and operates on a regular grid with a cell size of 0.5 x 0.5° on a daily time step. Meteorological forcing is assumed to be constant over the grid cell. Sub-grid variability of hydrological processes is taken into account in the representation of short and tall vegetation, open water, different soil types, saturated area, surface runoff, interflow and groundwater discharge.

PCR-GLOBWB calculates the water balance for every grid cell by tracking the transfer of water between the atmosphere and the cell, through stores within each cell, and laterally, as discharge, from one cell to the downstream neighbour. The model calculates the storages and fluxes of water, simulates the generation of runoff and its propagation as discharge through the river network. Precipitation falls either as snow or rain depending on atmospheric temperature. It can be intercepted by vegetation and added to the finite canopy storage, which is subject to open water evaporation. Snow is accumulated when the temperature is lower than 0°C and melts when it is higher. Snow melt is added to rain and throughfall; it is either stored in the available pore space in the snow cover, or it infiltrates into the top soil layer. Part of this water is transformed into surface runoff and the remainder infiltrates into the soil through two vertically stacked soil layers and an underlying groundwater layer. Water is exchanged between these layers following Darcy's law and the resulting soil moisture is subject to evapotranspiration. The remaining water contributes to lateral drainage as interflow from the soil layers or baseflow from the groundwater reservoir. The total drainage, consisting of surface runoff, interflow and baseflow is routed through the drainage network of rivers, lakes, wetlands and reservoirs based on DDM30 (Döll and Lehner, 2002), using the kinematic wave approach. An extensive description of PCR-GLOBWB can be found in van Beek and Bierkens (2009).

30 2.2. Meteorological forcing data

The meteorological variables required to force PCR-GLOBWB are daily values of precipitation, evapotranspiration and temperature. In the absence of direct estimates of actual evapotranspiration, the model can be forced with values of reference potential evapotranspiration, calculated from temperature, radiation, cloud cover, vapour pressure and wind speed.

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We force PCR-GLOBWB with two different datasets. The first one is the ERA-Interim/Land dataset (Balsamo et al., 2015). This is a global meteorological dataset, which is a combination of the ERA-Interim reanalysis (Dee et al., 2011) and Global Precipitation Climatology Project (GPCP) monthly rainfall observations (Huffman and Bolvin, 2011; Huffman et al., 2009). ERA-Interim is the most robust

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global atmospheric reanalysis produced by the ECMWF. It is an 'interim' reanalysis initially started from year 1989; later extended back to the year 1979; and continues to be updated forward in time. ERA-Interim reanalysis was produced as a part of the next-generation extended reanalysis intended to replace ERA-40. The GPCP is part of the Global Energy and Water Cycle Experiment (GEWEX) of the World Climate Research program (WCRP). The GPCP provides global precipitation estimates by merging infrared and microwave satellite estimates with rain gauge data from more than 6000 stations. Monthly values of potential evaporation have been estimated from ERA-Interim, using fields of temperature, radiation, cloud cover, vapour pressure and wind speed, by application of the Penman-Monteith equation (Monteith, 1981; Penman, 1948) for a reference grass canopy, according to the FAO methodology (Allen et al., 1998). Reference potential evaporation is multiplied by a monthly crop factor to obtain land cover specific potential evaporation in PCR-GLOBWB.

The second dataset that we use to force the model is the forecast ensemble from the S3 seasonal forecast archives of the ECMWF covering the period 1981-2010. ECMWF S3 seasonal forecasts are run in ensemble mode on a fully coupled ocean-atmosphere model. They are run on the 1st of every month as the initial date, integrated forward for six months. Verifications show that the skill of forecasts in regions and seasons known to have a teleconnection with the El Niño is much higher than during neutral conditions. ECMWF seasonal forecast system has been shown to be superior to statistical systems in forecasting the onset of El Niño or La Niña. But once an event has started statistical systems have comparable skill. The dynamical model is also better than the statistical models in forecasting the sea surface temperature (SST) in the Atlantic Ocean and the Indian Ocean. In many parts of the tropics, where changes such as those associated with El Niño can have a large impact on global weather patterns, a substantial part of the year-to-year variation in seasonal-mean rainfall and temperature is predictable. In mid-latitudes, the level of predictability is lower, and Europe in particular is a difficult area to predict. Seasonal forecasts start to show signs of systematic model errors after about ten days into the forecast. The ECMWF does not introduce any artificial terms in the equations to reduce the drift. Rather, a daily bias-correction based on quantile-quantile transformation is applied on each forecast. To account for drift, the bias correction varies per forecast month. As a result, there are 12 bias correction datasets each with a length equal to a seasonal forecast. The bias correction dataset was provided by the ECMWF (Dutra, personal communication) within the GLOWASIS project.

2.3 Streamflow forecast runs

PCR-GLOBWB is run at a daily time-step to produce two sets of streamflow forecast ensembles, as well as the control simulation run. The first forecast run follows the ESP procedure using the ERA-Interim/Land dataset as basis for the meteorological input. The second forecast run uses actual ECMWF S3 seasonal forecasts as meteorological input. The model spin-up is carried out over the period 1979-1984 using ERA-Interim/Land dataset. Subsequently, the hydrological states at the end of this 5-year spin-up are used as initial states for the control run. The control run is a single simulation covering the 30 years historical period from 1981 to 2010. Daily discharge values are aggregated into monthly totals. Monthly aggregation provides a more appropriate forecast at the seasonal scale and a proxy of the

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underlying distribution. Hydrologic states, as well as monthly discharge totals are saved at the end of each month. These states are used as initial conditions (ICs) for running the ESP as well as the ECMWF S3 seasonal forecasts.

5 The ESP forecast ensemble is produced with the ESP workflow within Delft-FEWS. Input ensembles of the meteorological forcing are created from the 32-year input data series (1979-2010). PCR-GLOBWB model runs are initialized on the 1st day of each month for the period 1981-2010 using the stored ICs. This results in 360 ESP runs, each run containing 32 members.

The ECMWF S3 streamflow forecast ensemble is produced by forcing the model with bias corrected meteorological input dataset from the ECMWF S3 seasonal forecast archive, containing 11 ensemble members for each forecast and covering the period 1981-2010. 12 monthly forecast over the 30 years period results in 30x12=360 runs, with 11 ensemble members for each run. Both the ESP and ECMWF S3 runs are carried out in batch using the FEWS-World forecasting system. Each run spans 6 months and produces an ensemble of 11 monthly discharge values for 6 lead times.

2.4 Skill assessment

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Skill assessment of probabilistic ensemble forecasts involves the comparison of forecasted probabilities to observed event frequencies. For the ESP approach and the ECMWF S3 seasonal meteorological forecasts, we quantify the theoretical as well as the actual skill. To calculate the theoretical skill, we compare the streamflow forecast ensembles to the results of the control simulation; and for the actual skill we compare them to observed discharge records (GRDC). We apply the Brier Score (BS) to all four comparisons. The meteorological datasets used in the calculation of BS are clarified in Table 1.

The BS is commonly used for the verification of meteorological probabilistic forecasts. It is preferred for being a proper score, i.e., being optimized for forecasts that correspond to the best judgement of the forecaster. It is also a highly compressed score, i.e., it directly accounts for forecast probabilities without necessitating a contingency table for each probability threshold (Bartholmes et al., 2008; Ferro, 2007). In this study we use two probability thresholds corresponding to the 25th and 75th percentiles for high and low flows respectively. Values below the 25th percentile of a given month of the year are considered low flows and those above the 75th percentile are considered high flows. The thresholds are calculated separately for forecasted values and observed values. In other words, we classify a forecasted value as high flow if it exceeds the 75th percentile of all forecasted values for the same month of the year and low flow if it is below the 25th percentile. Similarly, an observed value is classified as high flow if it exceeds the 75th percentile of all observed values for the same month of the year and low flow if it is below the 25th percentile. This approach eliminates any systematic bias in the simulations compared to the observations. In this way we are able to assess the skill in forecasting the occurrence of flows that are higher or lower than usual for a given month.

The BS values for a given month and lead time are calculated following Eq. (1):

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$$BS = \frac{1}{N} \sum_{t=1}^{N} (p_t - o_t)^2 \tag{1}$$

where,

5 N is the number of forecasting instances, p is the forecasted probability o is the observed probability

The range of the BS is (0, 1), 0 being the best value for a perfect forecast and 1 the worst.

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We calculate the BS values in 20 large global basins separately for the 12 months of the year and for all 6 lead times. When calculating the BS for a given month and a given lead time, we use the forecast ensembles that predict the total monthly discharge generated during that given month. In other words, we use the discharge ensembles resulting from the simulations which start at time t_0 and end at time t_n with a lead time of n months, where t_0 is prior to the end of the given forecast month by n months. Thus, for the month of May and for 1 month lead time, n=1, t_0 is the 1st of May and t_n is the 31st of May. For 2 months lead time, n=2, t_0 is the 1st of April and t_n is again the 31st of May.

We determine the theoretical skill BS_{theo} as well as the actual skill BS_{act} by comparing the results against model simulations for the reference period, as well as the actual skill BS_{act} against discharge observation records. For BS_{theo} we compare the discharge ensembles resulting from the forecast run (p, the forecasted probability) against the discharge values resulting from the control run (o, the observed probability). For BS_{act} the observed probability values derive from the actual observation records.

25 We express the percentage of the theoretical skill that is attained as the actual skill following Eq. (2):

$$\%BS_{act} = \frac{BS_{act}*100}{BS_{theo}} \tag{2}$$

In order to quantify the added skill obtained by using ECMWF S3 seasonal meteorological forecasts compared to the reference ESP forecast, we calculate the Brier Skill Scores (BSS) relative to BS_{ref} following Eq. (3):

$$BSS = 1 - \frac{BS}{BS_{ref}} \tag{3}$$

35 The range of the BSS is (-∞, 1) and the best value for a perfect forecast is 1. When the BSS is equal to 0, the forecast skill is equal to that of the reference forecast. Here, a skill of zero or less implies that the seasonal forecasts provide no additional information compared to the random generated climatology of the ESP forecast run.

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3. Results

3.1 Skill scores

We present the results of the skill assessment in 20 score tables for 20 rivers (Tables 2-21). The first 8 parts of each table show the BS and BSS for the four cases of actual and theoretical skill, for low and high flows, i.e., the 25th and the 75th percentiles. Tables present the scores for the 12 months of the year and for 6 lead times.

The tables are color-coded for easier visual inspection. Values are highlighted in blue where the skill of the ECMWF S3 forecasts is considerably higher than that of the ESP forecast, and in yellow where it is considerably lower. Since the best value for BS is 0, higher skill corresponds to a lower BS. Where the difference between the BS values of the ECMWF S3 and ESP forecasts are larger or equal to 0.05, the value is highlighted in light blue or light yellow; where it is larger or equal to 0.1, it is highlighted in dark blue or dark yellow.

3.2 Theoretical vs. actual skill

15 In Tables 2-21, the last two parts of each table show the percentage of theoretical skill of the ESP and ECMWF S3 forecasts which is attained as actual skill. These two parts present the percentages for the 12 months of the year and for 6 lead times, for low and high flows respectively.

3.3 Overview of the basins with added skill

We provide a global overview of the basins where added skill is obtained using ECMWF S3 meteorological forecast input compared to the skill obtained using the ESP input. The locations of improved skill are presented on four world maps for the four cases of actual and theoretical skill, for low and high flows, i.e., the 25th and the 75th percentiles (Fig 1). The maps indicate the number of months per year with skilful forecasts at each location, as well as the maximum lead-time for which the skill is retained.

25 4. Discussion of Results

In this section we discuss the results for several larger basins in the context of prevailing hydroclimatic conditions.

4.1 Tropical, monsoon-dominated basins

As can be seen in Fig. 1(a), results indicate that in the Amazon basin the theoretical skill of the ECMWF S3 forecasts is quite high for predicting lower flows than usual for the given month. In Table 2 for the Amazon, the color-coded first part which presents the theoretical skill for low flow shows that most of the BS values are coloured blue. This indicates that the ECMWF S3 forecasts are significantly more skilful than the ESP forecasts, i.e., the difference between the BS values is higher than 0.05. For lead-times of 1 and 2 months, the skill improvement is larger, as can be seen on the first two columns, which are coloured mostly dark blue, indicating a difference between BS values higher than 0.1.

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The results for high flows are very different than those for low flows, as can be seen in Fig. 1b, as well as the third part of Table 2. Most BS values of the ECMWF S3 are very close to the ESP, with only a few significantly different values, and these indicate lower skill, indicated by the yellow colour.

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The results are also different for the actual skill as can be seen in Fig. 1c and Fig. 1d. Both for low and high flows (the fifth and seventh parts of the table), the skill of the ECMWF S3 is either very close to the ESP or lower, as can be seen again by the yellow colour. The average actual skill attained by the ECMWF S3 forecasts over the year and the 6 lead times is 50% of the theoretical skill in forecasting low flows and 57% in high flows (the last two parts of Table 2). These percentages increase with increasing lead time, starting from 21% for low flows at a lead time of 1 month, and rising to 68% at a lead time of 6 months. There are considerable differences in the actually attained percentage of theoretical skill between months as well.

Candogan Yossef et.al (2012) showed that hydrological forecasting skill in the Amazon basin is dominated by initial conditions for lead times of 1-2 months, and even up to 4 months for forecasting the discharge during the Southern hemisphere spring, from August until November. Initial conditions are especially important during high flow conditions (March, April and May) (Paiva et. al, 2012) and the recession period (June, July, August), when the increased groundwater storage plays an important role.
Moreover, in large basins such as the Amazon where long travel times are involved, the knowledge of surface water conditions several months ahead is an important source of forecast skill. Meteorological forcing starts to play a more important role beyond 1-2 months lead times throughout the rest of the year. The present study shows however, that by using ECMWF S3 seasonal forecasts the biggest skill improvement over the ESP procedure can be attained at lead times of 1-2 months, but less at longer lead times when meteorological forcing plays a more important role on the skill. For lead times beyond 1-2 months an improvement in skill during most of the year still exists, but it should be noted that this improvement is observed only in the theoretical skill in forecasting low flows.

The results for the other tropical South American basin that we study, Parana, shows a somewhat similar pattern to the Amazon, in the sense that the theoretical skill of ECMWF S3 in forecasting low flows is higher than ESP in some cases, whereas for high flows it is mostly lower (See Table 3). In contrast, the actual skill of ECMWF S3 in forecasting both high and low flows in the Parana is quite different than that in the Amazon. The percentage of theoretical skill attained by the actual skill of ECMWF S3 forecasts is much lower than in the Amazon. Averaged over the months of the year and different lead times, it is 27% and 25% for low and high flows respectively. Notwithstanding, comparing the actual skill of the ECMWF S3 forecasts to the ESP, we see several months and lead-times where the actual skill is significantly improved by using ECMWF S3 forecasts, especially for forecasting high flows at longer lead times and during the first half of the year. For shorter lead times and for the second half of the year however, the actual skill of ECMWF S3 in forecasting high flows is significantly less than ESP. In forecasting low flows, skill is also mostly reduced by using ECMWF S3 forecasts.

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Another monsoon-dominated tropical river, the Brahmaputra in the Indian sub-continent shows a similar pattern to the Parana. In Table 4, we see again a significant improvement in the actual skill for forecasting high flows at longer lead times during the first half of the year. Just like the Parana, the skill is significantly lower at shorter lead times during the second half of the year. In contrast, the actual skill for forecasting low flows is significantly lower at longer lead times, and higher at a lead time of 1 month. The theoretical skill of ECMWF S3 in the Brahmaputra for forecasting both high and low flows is either very close to that of the ESP or lower. The percentage of the theoretical skill of ECMWF S3 that is actualized varies considerably for high and low flows, as well as over the year and the range of lead times. The averages are 24% and 34% for low and high flows respectively, ranging from as low as 2% for low flow forecasts in January to as high as 125% for high flow forecasts in April. The BS values for April high flows at all lead times are higher for actual skill calculations where the forecasted discharges are compared to actual discharge records, than the theoretical skill where they are compared to model simulations. Indeed, it was shown by Candogan Yossef et. al., (2012) that the skill of the ESP is below the climatology from April to September even for lead times of 1 month. The forecast skill in the Brahmaputra is strongly dominated by MF during the monsoon season for all lead times. The actual skill of ECMWF S3 during these months at a lead time of 1 month is significantly lower than ESP. This means the apparent potential for improvement in hydrological forecasts at short lead times by using ECMWF S3 seasonal meteorological forecasts cannot be realized at the moment.

In the two large rivers of China, the Yangtze and the Yellow River there exists a potential for improving forecasts beyond 1 month lead time through better MF during the high flow period (See Table 5 and 6). This period extends from May to October in the Yellow River and from April to September in the Yangtze. (Candogan Yossef et. al., 2012). Our results for the actual skill in forecasting high flows show that this opportunity may be partly realized in both rivers. The added skill of ECMWF S3 over ESP in forecasting higher than usual discharges during the high flow periods at longer lead times may aid the estimation of increased probability of flooding at lead times of 4-6 months. Moreover, the actual skill of ECMWF S3 is also better than ESP in forecasting low flows at short lead times during some months of the high flow periods, especially for the Yellow River. This may help a better estimation of the

The actual skill of ECMWF S3 forecasts in the Yangtze capture on average 23% of the theoretical skill for low flows, and 25% for high flows. These numbers are 22% and 26% in the Yellow River for low and high flows respectively. In both rivers, for both high and low flows, a significant pattern emerges in the ratios of actual to theoretical skill. The percentage of theoretical skill actualized is considerably higher during wet periods than during dry periods.

probability of less than expected discharges during high flow periods, at 1-2 month lead times.

Similar to the Yellow River and the Yangtze, also in the Mekong basin forecast skill during the wet period from July to October is dominated by MF beyond 1 month lead time. However, the results for the Mekong are different from those for the Chinese basins. Added skill of ECMWF S3 over ESP in

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forecasting higher than usual discharges during the wet periods can be seen not at longer lead times, but only at a lead-time of 1 month, as can be seen in Table 7. This may aid better estimation of flood probability at short notice. Beyond 1 month, ECMWF S3 forecasts are either less skilled or not significantly different than ESP. ECMWF S3 forecasts of lower than usual discharges during either the wet or dry periods are less skilful than ESP at short lead times, but there are some months of improved skill at long lead times.

The percentages of theoretical skill of ECMWF S3 forecasts that is actualized in the Mekong are 37% and 60% for low and high flows respectively. During the high flow period from July to October, the actual skill in forecasting higher than usual discharges reaches more than 80% of the theoretical skill.

4.2 Arctic basins:

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In arctic basins, snowpack, ice and groundwater processes have a long memory, causing the forecast skill to be dominated by ICs for lead times up to 6 months (Candogan Yossef et. al., 2013). The North American arctic rivers Mackenzie and Nelson, as well as the Asian Ob and Lena are ice-bound for a significant part of the year and peak discharges follow snowmelt. The skill of ESP forecasts is already quite high in these arctic rivers as would be expected for basin with such a large memory. Tables 8-11 show that the ECMWF S3 forecasts for these rivers are not significantly more skilful than the ESP. During May-June, which is the beginning of the high flow season in arctic rivers, one might expect some improvement in skill with ECMWF S3 forecasts over the ESP due to the temperature effect determining the onset of snowmelt. However, there is no significant increase in the skill of ECMWF S3 forecasts over the ESP forecasts, not even during the beginning of the high flow season. ECMWF S3 forecasts perform very similar to ESP, and even worse in some cases. Especially the actual skill of ECMWF S3 forecasts in the arctic basins in Asia is considerably lower than that of the ESP forecasts.

25 The ratios of actual skill to theoretical skill are not very low in the arctic basins in general. Low ratios would be expected in areas where the model has large errors associated with snow and glaciers and consequent errors in the timing of peak discharges. In the river Ob for instance, where the discharge peaks in June, the percentage of skill actualized reaches 60-70%, so it may be concluded that the timing of the model is well approximated.

0 4.3 Temperate regions:

The ECMWF S3 forecasts are in general not significantly more skilful than ESP in the temperate European basins, Rhine, Danube and Volga as can be seen in Tables 12-14. There are some cases with improvement in the skill in forecasting flows lower than usual, especially in the theoretical skill. However, for high flows the ECMWF S3 forecasts perform worse than the ESP. In the Rhine basin, where improvement in forecast skill depends on better climate forecasts, using the ECMWF S3 forecasts does not provide an improvement over the ESP. In the Danube and the Volga, we see an improvement in the theoretical skill in forecasting low flows during winter months. In the Danube and especially the Volga basins snowmelt and groundwater processes play a bigger role than the Rhine. Low flows during

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winter months are actually dominated by the groundwater processes rather than the meteorological forcing. Nevertheless, this is where we see a consistent improvement in skill by using the ECMWF S3 forecasts. For high flows on the other hand, ECMWF S3 forecasts perform worse, both theoretically and actually.

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The percentage of theoretical skill that is actualized is in general quite high for the European basins, but lower in temperate basins of North America. In the Columbia River forecasts are dominated by the ICs due to snow and the skill of ESP forecasts are already high. Using ECMWF S3 forecasts does not bring a significant improvement (See Table 15).

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In the St. Lawrence River, peak flows are fed by spring and summer snowmelt accompanied by rain. Candogan Yossef et. al. (2013) concluded that the forecasting skill in spring and summer months depends largely on the snowpack accumulated during the previous winter months, dominating seasonal forecasts up to 6 months ahead. These findings are in disagreement with the results of Shukla and Lettenmaier (2011), which show that ESP forecasts initialized from December to April are skilful only for 1-2 months lead times. As it was mentioned in Candogan Yossef et. al. (2013), the disagreement is probably due to errors in one or both models in the estimation of snow accumulation. The results of the present study confirm the importance of ICs on the one hand. Table 16 shows that the theoretical skill of ECMWF S3 forecasts is considerably lower than the ESP in the St. Lawrence, especially for forecasting higher flows than usual during the summer months. On the other hand, the actual skill of the ECMWF S3 forecasts in forecasting lower than usual summer flows is significantly higher than the ESP, for 2, 3 and 4 months lead-times. This finding supports the conclusion of Shukla and Lettenmaier (2011) which emphasizes the importance of MF beyond 1-2 months lead times. Additionally, the fact that the ratio of actual skill to theoretical skill in St. Lawrence is rather on the low side may be an indication of errors in our model in representing the snow processes.

For the southeastern US rivers, the results of Candogan Yossef et. al. (2013) as well as those of Shukla and Lettenmaier (2011) show that skill due to ICs diminishes after 1-2 months lead time and that forecasts would benefit most from improvements in MF throughout the year. However, the results of the present study show that in general this potential improvement cannot be realized for the Mississippi by using ECMWF S3 forecasts. The skill of ECMWF S3 forecasts is similar to the ESP in most cases, as can be seen in Table 17, and it is lower than ESP in more case than it is higher, with no apparent pattern.

4.4 Semi-arid regions:

Candogan Yossef et. al. (2013) concluded that the relative importance of ICs is the lowest in this continent and any improvement of hydrological forecasts depends on better climate forecasts. The results of the present study for the Murray basin show that the theoretical skill of ECMWF S3 forecasts are significantly higher in some cases, but lower in other cases, with no apparent pattern (See Table 18). The actual skill of ECMWF S3 forecasts is lower than ESP in most cases. Also, the ratios of actual to theoretical skill are quite low in this basin for both high and low flows.

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Similarly, in the semi-arid African basins of the Orange River and the Zambezi, where the knowledge of MF plays a very important role in the forecast skill, the performance of ECMWF S3 forecasts is worse compared to the ESP in most cases. Tables 19 and 20 show that the actual skill of ECMWF S3 in particular is lower than ESP in these basins. In contrast, in the Nile basin, the ICs dominate the forecast skill, resulting in high skills of ESP forecasts throughout the year assuming that the release strategy of the Aswan reservoir is known (Candogan Yossef et. al., 2013). The results of the present study show that the theoretical skill of ECMWF S3 cannot surpass the already high skill of the ESP (See Table 21). Actually, forecasts with ECMWF S3 perform considerably worse. The actual skill of the ESP forecasts in the Nile, however, is very low, due to the large effect of the reservoir operations. In fact, the ratio of actual to theoretical skill is the lowest by far in this basin. With such a low actual skill of ESP forecasts despite the dominance of IC's, comparison of ECMWF S3 skill to ESP is not very meaningful. Our results of actual skill in both high and low flows in the Nile appear to be very erratic indeed.

5. Conclusions

We assessed the skill of seasonal streamflow forecasts with the global hydrological forecasting system FEWS-World, setup within the GLOWASIS project. Global hydrological model PCR-GLOBWB was run with the ESP procedure as well as with ECMWF S3 bias-corrected seasonal meteorological forecast ensembles. We produced ensemble forecasts of monthly discharges for 20 large rivers of the world, with lead times of up to 6 months. We quantified the skill of ESP and ECMWF S3 in forecasting high and low flows by using the BS. We determined the theoretical skill by comparing the results against model simulations, as well as the actual skill by comparing against discharge observations. We quantified the added skill that may be obtained using ECMWF S3 meteorological forecast input compared to the skill obtained using the ESP input, by applying the BSS on the two ensembles. We also calculated the ratios of actual to theoretical skill, to quantify the percentage of the theoretical skill that is actualized.

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We analysed these results in the context of prevailing hydroclimatic conditions. This analysis suggests that the skill varies considerably according to location, season and lead time. The conclusions can be summarized as follows:

- In general, the skill of the ECMWF S3 forecast run is close to that of the ESP forecast run.
- There are basins where the ECMWF S3 forecast performs significantly better than the ESP during certain periods of the year and at certain lead times.
 - However, there are more cases where the skill of the ECMWF S3 forecast run is in fact lower than the skill of the ESP.
- In most cases, the apparent potential for improvement in seasonal hydrological forecasts by
 using better meteorological forecasts cannot be realized as yet with the model PCR-GLOBWB
 and the ECMWF S3 dataset.
 - As more accurate global hydrological models and more skilful seasonal meteorological forecasts become available in the future, further studies will be needed to assess the

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improvement in seasonal hydrological forecasts, as well as the effect of meteorological forecast quality vs. model errors on the hydrological forecasts.

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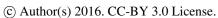
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	theoretical (BS _{theo)}		Actual (BS _{act)}	
	forecasted (p)	observed (o)	forecasted (p)	observed (o)
BS	ECMWF S3	ERA 40	ECMWF S3	GRDC
BS _{ref}	ESP	ERA 40	ESP	GRDC

Table 1: Meteorological datasets used for calculating BS.

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Jan	BS-theo-25	LT=1	LT=2	LT=3	LT=4	LT=5	LT=6	BSS-theo-25	LT=1	LT=2	LT=3	LT=4	LT=5	LT=6
Feb														
Mary														
Apr														
May														
Jun														
July														
Aug														
Sep														
Oct 0.0037 0.0386 0.733 0.0953 0.0957 0.1033 Oct 0.0038 0.7170 0.0148 0.0148 0.0148 0.0148 Oct 0.0038 Oct 0.0038 0.0166 0.1665 0.1468 0.1448 0.0144 0.0725 Oct 0.0038 0.0038 0.0038 0.0058		0.0000	0.0218				0.1603				0.6335	0.6631	0.5115	0.3338
Nov 00085 0.1385 0.1176 0.1220 0.1565 0.1628 Nov 00742	Oct	0.0377	0.0306	0.0730	0.0953	0.0807			0.8642	0.8779		0.6836	0.7170	0.6140
School S	Nov	0.0835	0.1353	0.1176	0.1220	0.1565	0.1628	Nov	0.7421	0.4027	0.5031	0.5517	0.4528	0.4197
Jan	Dec	0.0204	0.0540	0.1675	0.1468	0.1344	0.1725	Dec	0.9147	0.7780	0.3435	0.3892	0.4940	0.3550
Jan														
Feb 0.0425 0.1215 0.1884 0.1672 0.2277 0.2169 Mar 0.1988 0.1237 0.1424 0.1735 0.1753 0.1753 0.1753 0.1944 0.1732 0.2734 0.1753 0.1753 0.1518 0.1237 0.1235 0.1414 0.1635 0.1914 0.1753 0.1753 0.1754 0.1753 0.1755 0.1614 0.1620 0.1814 0.1429 0.1787 0.1755 0.1614 0.1620 0.1814 0.1429 0.1787	BS-theo-75	LT=1	LT=2	LT=3	LT=4	LT=5	LT=6	BSS-theo-75	LT=1	LT=2	LT=3	LT=4	LT=5	LT=6
Mar	Jan	0.1339	0.1223					Jan		0.2532	0.1343		-0.0121	
Apr		0.0425												
May	Mar							Mar						
Jun	Apr							Apr						0.1216
Jul 0.0522 0.1399 0.1548 0.1333 0.1725 0.1326 Aug 0.0797 0.0576 0.1410 0.0233 0.1327 0.1528 Aug 0.0798 0.0576 0.1410 0.0253 0.1337 0.1529 Sep 0.0336 0.0132 0.0410 0.0994 0.1105 0.1157 Sep 0.0336 0.0132 0.0410 0.0994 0.1105 0.1157 Sep 1.18243 0.3850 0.0332 0.0402 0.0258 0.0276 0.0865 Nov 0.0667 0.0758 0.1499 0.1868 0.1507 0.1993 Nov 0.0588 0.1504 0.2221 0.2716 0.2786 0.2388 0.0507 0.0662 Nov 0.0588 0.1504 0.2221 0.2716 0.2788 0.2300 Nov 0.0588 0.1504 0.2221 0.2400 0.3300 0.0400 0.02289 0.0508 Nov 0.0588 0.1504 0.2221 0.0463 0.0508 0.0508 0.0508 0.0508 0 Nov 0.0588 0.1504 0.2221 0.0463 0.0508 0.0508 0 Nov 0.0588 0.1504 0.2221 0.0463 0.0508 0 Nov 0.0588 0.1504 0.2221 0.0463 0.0508 0 Nov 0.0588 0.1504 0.2221 0.0463 0.0508 0 Nov 0.0588 0.1504 0.0221 0.0220 0.0508 0 Nov 0.0588 0 Nov 0.0589 0 Nov 0.0	May													
Aug														
Sep 0.0336 0.0132 0.0410 0.0994 0.1105 0.1157 Sep 1.8243 0.3850 0.0149 0.0055 0.2318 0.2967 0.0666 0.0758 0.1499 0.1868 0.1507 0.1993 Nov 0.0666 0.0758 0.1499 0.1868 0.1507 0.1993 Nov 0.39383 0.1711 0.1027 0.2042 0.0463 0.0858 0.1634 0.2281 0.2716 0.2789 0.2200 Dec 0.2629 0.1106 0.2159 0.2949 0.3465 0.01473 0.0858 0.1634 0.2281 0.2788 0.2500 0.2400 0.2500 0.2400 0.2300 0.3060 0.3310 0.3600 0.3400 0.1850 0.2550 0.2330 0.3060 0.3310 0.3600 0.3400 0.1850 0.2550 0.2330 0.2400 0.2110 0.2710 Feb 0.105216 0.299787 0.03520 0.047337 0.381123 0.22818 0.0878 0.047337 0.381123 0.22818 0.0878 0.														
Oct O.0356 O.1017 O.0875 O.0881 O.1522 O.1614	Aug													
Nov 0.0667 0.0758 0.1499 0.1888 0.1507 0.1893 Dec 0.0388 0.1694 0.2281 0.2716 0.2788 0.2300 Dec 0.2629 0.1166 0.02159 0.2984 0.3455 0.0455	Sep													
Dec														
BS-act-25														
Jan 0.2820 0.2800 0.2800 0.2300 0.3000 0.3100 Jan -0.183415 0.282282 -0.21945 0.047337 0.361122 0.29184 0.42598 Mar 0.2190 0.2420 0.2780 0.2200 0.2210 0.1920 Mar 0.2120 0.2370 0.1980 0.2500 0.2010 Apr 0.28211 0.089536 0.29616 0.001995 0.086374 0.07430 0.07420 0.2370 0.1980 0.2580 0.2580 0.2580 0.2010 Apr 0.28211 0.089576 0.29761 0.0995290 0.22161 0.031188 May 0.3020 0.2600 0.1950 0.2580 0.2580 0.2580 0.2660 May 0.413167 0.338338 0.033184 0.221348 0.008011 0.31834 0.21943 0.03591 0.3590 0.3170 0.2580	Dec	0.0388	0.1634	0.2281	0.2716	0.2788	0.2300	Dec	0.2629	-0.1166	-0.2159	-0.2984	-0.3455	-0.1473
Jan 0.2820 0.2800 0.2800 0.2300 0.3000 0.3100 Jan -0.183415 0.282282 -0.21945 0.047337 0.361122 0.29184 0.42598 Mar 0.2190 0.2420 0.2780 0.2200 0.2210 0.1920 Mar 0.2120 0.2370 0.1980 0.2500 0.2010 Apr 0.28211 0.089536 0.29616 0.001995 0.086374 0.07430 0.07420 0.2370 0.1980 0.2580 0.2580 0.2580 0.2010 Apr 0.28211 0.089576 0.29761 0.0995290 0.22161 0.031188 May 0.3020 0.2600 0.1950 0.2580 0.2580 0.2580 0.2660 May 0.413167 0.338338 0.033184 0.221348 0.008011 0.31834 0.21943 0.03591 0.3590 0.3170 0.2580														
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Feb														
Mar														
Apr														
May														
Jun	May							May						
Jul 0.3590 0.3170 0.2360 0.2740 0.2380 0.2800 0.2800 0.2670 0.2010 0.3010 0.2440 0.2690 0.2890 0.2670 0.2040 0.2580 0.2650 0.2780 0.2820 0.2670 0.2040 0.2580 0.2730 0.3380 0.2810 0.3280 0.2810 0.3280 0.3400 0.2580 0.2730 0.3380 0.2810 0.3280 0.2810 0.3280 0.3400 0.2580 0.2730 0.3380 0.2810 0.3280 0.2810 0.3280 0.3400 0.2580 0.2730 0.3380 0.2810 0.3280 0.2810 0.3280 0.2660 0.3010 0.2860 0.3040 0.3540 0.2810 0.2820 0.2840 0.2800 0.2780 0.2840 0.2800 0.2780 0.2840 0.2810 0.3280 0.2660 0.3010 0.2860 0.3040 0.3540 0.281														
Aug 0.2760 0.3010 0.2440 0.2680 0.2680 0.2680 0.2680 0.2680 0.2680 0.2680 0.2680 0.2680 0.2680 0.2680 0.2680 0.2680 0.2680 0.2680 0.2680 0.2680 0.2680 0.2680 0.2280 0.2680 0.2680 0.2280 0.2240 0.008 <														
Sep			0.3010											
Dec	Sep	0.2670	0.2040	0.2580	0.2650	0.2760	0.2820	Sep	-0.02464	0.086594	-0.151665	-0.161478	-0.135644	-0.17179
Dec	Oct	0.3040	0.2180	0.2730	0.3380	0.2810	0.3280		-0.093674	0.12936	0.052687	-0.12204	0.014688	-0.225661
BS-act-75 LT=1 LT=2 LT=3 LT=4 LT=5 LT=6 LT	Nov	0.3440	0.2630	0.2450	0.2800	0.2780	0.2540	Nov	-0.062826	-0.161328	-0.034983	-0.028653	0.02787	0.094688
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0.20 20.00 30.00 31.34 44.22 40.12 DEC														
	Dec	0.20	20.30	55.65	51.34	44.22	40.72	Dec	10.97	12.94	92.62	93.73	ია.64	09.07

Table 2: Skill scores in the Amazon

Hydrol. Earth Syst. Sci. Discuss., doi:10.5194/hess-2016-521, 2016 Manuscript under review for journal Hydrol. Earth Syst. Sci. Published: 24 October 2016 © Author(s) 2016. CC-BY 3.0 License.





BS-theo-25 Jan Feb Mar Apr Apr Jul Aug Sep Oct Nov Dec BS-theo-75 Jan Apr Apr Jul Aug	LT=1 0.1180 0.0294 0.0763 0.0744 0.1140 0.1350 0.0405 0.0570 0.0650 0.0405 LT=1 0.0871 0.0180 0.1180	LT=2 0.1000 0.1520 0.1980 0.0755 0.1500 0.1310 0.1550 0.1040 0.0978 0.2090 0.1860 0.1480	LT=3	LT=4 0.2200 0.2590 0.2060 0.1700 0.1800 0.2110 0.2200 0.0926 0.1730 0.1870 0.2430	LT=5 0.2300 0.1920 0.2310 0.2140 0.1760 0.2270 0.2000 0.1410 0.1380	0.2310 0.2130 0.2040	BSS-theo-25 Jan Feb Mar Apr May	LT=1 -1.4481 0.1901 0.2446 -0.6352 -0.0022	0.0000 -0.1692 -0.2941 0.4683 -0.7647	LT=3 -0.4459 -0.1579 -0.1295 0.0122	-0.1702 -0.3704 -0.1196 0.0341	-0.1330 0.0052 -0.1436 -0.0594	-0.0283 -0.1650 -0.1268 -0.0545
Feb Mar Mary Jun Jul Asug Sep Oct Nov Dec St-theo-75 Jan Feb Mar Apr May Jun Jul Andra Apr May Jun Jul Aug Aug Apr May Apr May Jun Jul Aug Aug Aug Aug Aug Aug Aug Mar Aug Aug Aug Mary Aug Aug Aug Aug Mary Aug Aug Aug Aug Aug Mary Aug Aug Aug Aug Aug Aug Apr May Aug	0.0294 0.0763 0.0744 0.0449 0.1350 0.0405 0.0570 0.0650 0.0444 0.0725	0.1520 0.1980 0.0755 0.1500 0.1310 0.1550 0.1040 0.0978 0.2090 0.1860 0.1480	0.1980 0.2180 0.1620 0.1010 0.2480 0.1070 0.1260 0.1200 0.2290 0.1550	0.2590 0.2060 0.1700 0.1800 0.2110 0.2200 0.0926 0.1730 0.1870	0.1920 0.2310 0.2140 0.1760 0.2270 0.2000 0.1410	0.2330 0.2310 0.2130 0.2040 0.2190	Feb Mar Apr	0.1901 0.2446 -0.6352	-0.1692 -0.2941 0.4683	-0.1579 -0.1295 0.0122	-0.3704 -0.1196 0.0341	0.0052 -0.1436	-0.1650 -0.1268
Mar Apr May Jun Jul Aug Sep Oct Nov Dec BS-theo-75 Jan Feb Mar Apr May Jun Jul Jul Aug Apr May Apr May Apr May Apr May Apr May Aug	0.0763 0.0744 0.0449 0.1140 0.1350 0.0405 0.0570 0.0650 0.0725	0.1980 0.0755 0.1500 0.1310 0.1550 0.1040 0.0978 0.2090 0.1860 0.1480	0.2180 0.1620 0.1010 0.2480 0.1070 0.1260 0.1200 0.2290 0.1550	0.2060 0.1700 0.1800 0.2110 0.2200 0.0926 0.1730 0.1870	0.2310 0.2140 0.1760 0.2270 0.2000 0.1410	0.2310 0.2130 0.2040 0.2190	Mar Apr	0.2446 -0.6352	-0.2941 0.4683	-0.1295 0.0122	-0.1196 0.0341	-0.1436	-0.1268
Apr May Jun Jul Aug Sep Oct Nov Dec BS-theo-75 Jan Feb Mar Apr May Jun Jul Aug Apr May Jun Jul Aug	0.0744 0.0449 0.1140 0.1350 0.0405 0.0570 0.0650 0.0444 0.0725	0.0755 0.1500 0.1310 0.1550 0.1040 0.0978 0.2090 0.1860 0.1480	0.1620 0.1010 0.2480 0.1070 0.1260 0.1200 0.2290 0.1550	0.1700 0.1800 0.2110 0.2200 0.0926 0.1730 0.1870	0.2140 0.1760 0.2270 0.2000 0.1410	0.2130 0.2040 0.2190	Apr	-0.6352	0.4683	0.0122	0.0341		
May Jun Jul Aug Sep Oct Nov Dec BS-theo-75 Jan Feb Mar Apr May Jun Jul Aug	0.0449 0.1140 0.1350 0.0405 0.0570 0.0650 0.0444 0.0725 LT=1 0.0871 0.1130	0.1500 0.1310 0.1550 0.1040 0.0978 0.2090 0.1860 0.1480	0.1010 0.2480 0.1070 0.1260 0.1200 0.2290 0.1550	0.1800 0.2110 0.2200 0.0926 0.1730 0.1870	0.1760 0.2270 0.2000 0.1410	0.2040 0.2190			01.1000			-0.0594	0.0545
Jun Jul Aug Sep Oct Nov Dec BS-theo-75 Jan Feb Mar Apr May Jun Jul Aug	0.1140 0.1350 0.0405 0.0570 0.0650 0.0444 0.0725	0.1310 0.1550 0.1040 0.0978 0.2090 0.1860 0.1480	0.2480 0.1070 0.1260 0.1200 0.2290 0.1550	0.2110 0.2200 0.0926 0.1730 0.1870	0.2270 0.2000 0.1410	0.2190	Mav	-0.0022	-0.7647				*0.0545
Jul Aug Sep Oct Nov Dec BS-theo-75 Jan Feb Mar Apr May Jun Jul Aug	0.1350 0.0405 0.0570 0.0650 0.0444 0.0725 LT=1 0.0871 0.1130	0.1550 0.1040 0.0978 0.2090 0.1860 0.1480	0.1070 0.1260 0.1200 0.2290 0.1550	0.2200 0.0926 0.1730 0.1870	0.2000 0.1410					0.3221	-0.0714	-0.0057	-0.0303
Aug Sep Oct Nov Dec BS-theo-75 Jan Feb Mar Apr May Jun Jul Aug	0.0405 0.0570 0.0650 0.0444 0.0725 LT=1 0.0871 0.1130	0.1040 0.0978 0.2090 0.1860 0.1480	0.1260 0.1200 0.2290 0.1550	0.0926 0.1730 0.1870	0.1410	0.2290	Jun	-0.9487	0.2384	-0.3478	-0.0821	-0.1350	-0.0950
Sep Oct Nov Dec BS-theo-75 Jan Feb Mar Apr May Jun Jul Aug	0.0570 0.0650 0.0444 0.0725 LT=1 0.0871 0.1130	0.0978 0.2090 0.1860 0.1480 LT=2	0.1200 0.2290 0.1550	0.1730 0.1870			Jul	-0.5625	-0.2302	0.4456	-0.1055	0.0099	-0.0362
Oct Nov Dec BS-theo-75 Jan Feb Mar Apr May Jun Jul Aug	0.0650 0.0444 0.0725 LT=1 0.0871 0.1130	0.2090 0.1860 0.1480 LT=2	0.2290 0.1550	0.1870	0.1380	0.1560	Aug	-0.0305	-0.2855	-0.0080	0.3241	0.1076	0.1034
Oct Nov Dec BS-theo-75 Jan Feb Mar Apr May Jun Jul Aug	0.0444 0.0725 LT=1 0.0871 0.1130	0.1860 0.1480 LT=2	0.1550			0.2230	Sep	-0.1377	0.1782	0.1111	-0.0812	0.2995	-0.0825
BS-theo-75 Jan Feb Mar Apr May Jun Jul Aug	0.0725 LT=1 0.0871 0.1130	0.1480 LT=2		0.2430	0.2700	0.2220	Oct	0.1144	-0.1484	-0.1684	0.1053	-0.2796	-0.0521
BS-theo-75 Jan Feb Mar Apr May Jun Jul Aug	LT=1 0.0871 0.1130	LT=2	0.1760		0.1710	0.2120	Nov	0.1913	-0.3286	0.0663	-0.2462	0.1493	-0.0242
BS-theo-75 Jan Feb Mar Apr May Jun Jul Aug	LT=1 0.0871 0.1130			0.1870	0.1740	0.1550	Dec	0.2464	-0.2870	-0.0732	0.0209	0.1168	0.2132
Jan Feb Mar Apr May Jun Jul Aug	0.0871 0.1130												
Feb Mar Apr May Jun Jul Aug	0.1130		LT=3	LT=4	LT=5	LT=6	BSS-theo-75	LT=1	LT=2	LT=3	LT=4	LT=5	LT=6
Mar Apr May Jun Jul Aug		0.1170	0.1800	0.2040	0.1830	0.2100	Jan	-0.8184	0.0085	-0.0909	-0.1724	0.0054	-0.1538
Apr May Jun Jul Aug	0.1180	0.1850	0.1990	0.2140	0.2000	0.1810	Feb	-0.7767	-0.6667	-0.4962	-0.3806	-0.1765	-0.0343
May Jun Jul Aug		0.1390	0.2130	0.2110	0.2460	0.2830	Mar	-0.9187	0.1090	-0.3148	-0.1405	-0.2118	-0.3738
Jun Jul Aug	0.1940	0.1270	0.2310	0.1490	0.2050	0.2430	Apr	-0.9836	0.2160	-0.2762	0.0449	-0.2275	-0.2857
Jul Aug	0.1300	0.2550	0.1590	0.1670	0.1650	0.1780	May	-1.6263	-0.9173	0.1405	0.0670	0.0000	0.0326
Jul Aug	0.1610	0.1320	0.2160	0.1660	0.1920	0.1680	Jun	-2.2329	-0.0560	-0.3252	0.1309	0.0154	0.0667
Aug	0.0361	0.1120	0.1470	0.2060	0.1710		Jul	0.3111	0.0894	0.1695	-0.1196	0.1140	
	0.0289	0.1020	0.1320	0.1110	0.1770	0.1380	Aug	0.4939	-0.0472	0.0149	0.3019	0.0684	0.2698
Sep	0.0281	0.0708	0.0912	0.1380	0.1500	0.1620	Sep	-0.0808	0.3843	0.3577	0.1636	0.1620	0.0899
Oct	0.0579	0.0603	0.0697	0.1310	0.1560	0.1270	Oct	-1.5619	-0.1024	0.4143	0.0296	0.0659	0.2825
Nov	0.0061	0.0003	0.0097	0.1050	0.1300	0.1270	Nov	0.7270	0.0558	0.4143	0.0290	0.0039	0.2625
Dec	0.0460	0.1570	0.1490	0.1460	0.1170	0.1440	Dec	0.3285	-0.5747	-0.3423	-0.1145	-0.0280	0.1056
Dec	0.0400	0.1370	0.1430	0.1400	0.1470	0.1440	Dec	0.3263	-0.5747	-0.3423	-0.1143	-0.0280	0.1030
BS-act-25	LT=1	LT=2	LT=3	LT=4	LT=5	LT=6	BSS-act-25	LT=1	LT=2	LT=3	LT=4	LT=5	LT=6
Jan	0.6570	0.6490	0.6750	0.6120			Jan	0.0492	-0.0674	-0.1269	-0.0268	-0.0739	-0.0121
Feb	0.6660	0.6910	0.6340	0.6130	0.6160	0.5870	Feb	0.0826	-0.0848	-0.1382	-0.0698	-0.1180	0.0200
Mar	0.6160	0.6370	0.5990	0.6600	0.6410	0.6230	Mar	0.1238	0.0275	0.0952	-0.1765	-0.1805	-0.1601
Apr	0.6740	0.6390	0.5940	0.5820	0.6750	0.5920	Apr	0.0426	-0.0510	-0.0224	0.0085	-0.2273	0.0017
May	0.7120	0.6890	0.5740	0.6060	0.5700		May	0.0193	-0.0439	0.0651	-0.0050	-0.0215	-0.1352
Jun	0.8050	0.6700	0.6180	0.6050	0.5630	0.5160	Jun	-0.0938	-0.0652	0.0031	-0.0220	0.0053	0.1179
Jul	0.8560	0.7010	0.6100	0.6080	0.5450		Jul	-0.2073	-0.0868	-0.0099	0.0065	0.0652	0.1179
	0.7740	0.7400	0.6530	0.5830	0.6020	0.5440		-0.1089	-0.0996	-0.0099	0.0003	-0.0326	0.0038
Aug	0.6990	0.7400			0.6110		Aug	0.0224	-0.0990	-0.0413			-0.1269
Sep	0.6990	0.7280	0.6230 0.6110	0.6150 0.6110		0.6040	Sep	-0.1285	0.0880		-0.0233 -0.0498	-0.0645	
Oct	0				0.6400	0.6280	Oct	0		-0.0589		-0.1130	-0.1115
Nov	0.7350	0.6830	0.5970	0.5520	0.6130		Nov	-0.1520	-0.1498	-0.0136	0.0995	-0.0355	0.0206
Dec	0.7090	0.6760	0.6250	0.6170	0.5500	0.5910	Dec	-0.0858	-0.1477	-0.1161	-0.0565	0.0998	0.0248
BS-act-75	LT=1	LT=2	LT=3	LT=4	LT=5	LT=6	BSS-act-75	LT=1	LT=2	LT=3	LT=4	LT=5	LT=6
Jan	0.7660	0.6910	0.5960	0.6020			Jan	-0.0713	-0.0267	0.0132	-0.0101	-0.0237	-0.0311
Feb	0.8370	0.6820	0.6000	0.5400	0.5330	0.5260	Feb	-0.1403	-0.1180	-0.0508	0.0510	0.0566	0.1174
Mar	0.8390	0.6750	0.6130	0.5340	0.5060	0.5050	Mar	-0.1403	-0.1138	-0.0569	0.0648	0.1650	0.1174
Apr	0.8390	0.6790	0.6220	0.5800	0.5470	0.4780	Apr	-0.1702	-0.1727	-0.0596	0.0429	0.1030	0.1293
May	0.7700	0.5460	0.6220	0.5960	0.5590	0.4780	May	-0.1702	-0.1727	-0.0329	-0.0102	0.0974	0.1898
	0.7910	0.5460	0.5960	0.5230	0.5590	0.5560	Jun	-0.0954	-0.0361	0.0329	0.1121	-0.0472	0.1790
Jun		0.7180	0.5190			0.000		-0.0283		-0.2364	-0.0378	0.0704	
Jul	0.7630			0.5760	0.5280	0.5520	Jul		-0.1115	-0.2364	-0.0378		0.0450
Aug	0.7020	0.7390	0.6890	0.0000	0.000	0.5320	Aug	0.0462	-0.1130		011001	-0.0386	0.0764
Sep	0.6520	0.7130	0.6610	0.6890	0.6600	0.5870	Sep	0.1117	-0.1354	-0.1241	-0.1718	-0.2336	-0.0408
Oct	0.6640	0.6420	0.6940	0.6710	0.6830	0.6300	Oct	0.0816	0.0258	-0.1490	-0.1315	-0.2509	-0.1624
Nov Dec	0.7030 0.7790	0.6420	0.6540 0.6400	0.6870 0.6120	0.6760	0.5930 0.5930	Nov Dec	0.0343 -0.1081	0.0346 0.0560	-0.0531 -0.0458	-0.1906 -0.0552	-0.2246 -0.0369	-0.0665 -0.0570
								•					
BS-A/T-25		LT=2	LT=3	LT=4		LT=6	BS-A/T-75	LT=1		LT=3		LT=5	LT=6
Jan	17.96	15.41	31.70	35.95	37.70		Jan	11.37	16.93	30.20	33.89	32.56	37.23
Feb	4.41	22.00	31.23	42.25	31.17	39.69	Feb	13.50	27.13	33.17	39.63	37.52	34.41
Mar	12.39	31.08	36.39	31.21	36.04	37.08	Mar	14.06	20.59	34.75	39.51	48.62	56.04
Apr	11.04	11.82	27.27	29.21	31.70	35.98	Apr	25.19	18.70	37.14	25.69	37.48	50.84
P NP I	6.31	21.77	17.60	29.70	30.88	34.23	May	16.43	46.70	26.68	28.02	29.52	31.56
May	14.16	19.55	40.13	34.88	40.32	42.44	Jun	19.75	19.47	41.62	31.74	33.28	30.22
	15.77	22.11	17.54	36.18	36.70	44.55	Jul	4.73	15.60	21.62	35.76	32.39	28.44
May	5.23	14.05	19.30	15.88	23.42	28.68	Aug	4.12	13.80	19.16	16.92	31.33	25.94
May Jun Jul		13.43	19.26	28.13	22.59	36.92	Sep	4.31	9.93	13.80	20.03	22.73	27.60
May Jun Jul Aug	8.15						Oct	8.72	9.39	10.04	19.52	22.84	20.16
May Jun Jul Aug Sep	8.15 9.03		37.48	30.61	42.19	35.35							
May Jun Jul Aug Sep Oct	9.03	35.36		30.61 44.02	42.19 27.90	35.35 37.19		0.86	11.32			17.60	
May Jun Jul Aug Sep			37.48 25.96 28.16	30.61 44.02 30.31			Nov Dec	0.86 5.91		13.78	15.28 23.86		26.48 24.28

Table 3: Skill scores in the Parana

Hydrol. Earth Syst. Sci. Discuss., doi:10.5194/hess-2016-521, 2016 Manuscript under review for journal Hydrol. Earth Syst. Sci. Published: 24 October 2016 © Author(s) 2016. CC-BY 3.0 License.





Jan														
Feb	BS-theo-25	LT=1	LT=2	LT=3	LT=4	LT=5	LT=6	BSS-theo-25	LT=1	LT=2	LT=3	LT=4	LT=5	LT=6
Mar														
Apr														
May 0.1800 0.2380 0.2150 0.2980 0.1780 0.2780 0.2160 0.2800 0.2780 0.2800 0.28								Mar						
1,000														
1.0 1.71								May						
Aug 0.1220 0.1540 0.2990 0.1990 0.1990 0.1950 0.2546 Sep 0.1020 0.1290 0.1290 0.1790 0.1870 0.1950 0.2546 Oct 0.0613 0.1510 0.1500 0.1290 0.2540 0.1160 Oct 0.0613 0.1510 0.1500 0.1290 0.1200 0.1520 0.1160 Oct 0.0613 0.0500 0.0591 0.1500 0.1200 0.1520 0.1600 Oct 0.0613 0.0500 0.0591 0.1500 0.1200 0.1520 0.1600 Oct 0.0613 0.0500 0.0591 0.1500 0.1200 0.1500 0.1500 0.1500 Oct 0.0613 0.0500 0.0591 0.1500 0.1200 0.1500 0.1500 0.1500 0.1500 0.0500 Oct 0.0613 0.0500 0.0591 0.1500 0.1200 0.1500 0.1500 0.1500 0.1500 0.0500 0.0500 0.0500 0.0500 0.0500 0.0500 0.1500 0.1500 0.0500	Jun	0.2410	0.2550	0.2390	0.2310	0.2360			-0.2888	-0.3421		-0.1214	-0.1185	-0.1393
Sep	Jul	0.1710	0.2360	0.2540	0.2260	0.2200	0.1950	Jul	-0.0556	-0.2356	-0.4033	-0.1832	-0.1957	-0.0428
Dec	Aug	0.1220	0.1540	0.2090	0.2090	0.1950	0.2540	Aug	0.1921	0.1809	-0.0609	-0.0609	0.0000	-0.2764
Oct	Sep	0.1290	0.1290	0.1790	0.1870	0.1940	0.2050	Sep	0.1103	0.1042	-0.0655	-0.0275	0.0202	-0.0459
Nov	Oct	0.0813	0.1310	0.1600	0.1960	0.2040	0.2110	Oct	-0.0012	0.0224	-0.1189	-0.1879	-0.1271	-0.0821
Dec 0.0501 0.0240 0.0394 0.1280 0.1280 0.1280 0.1480 Dec -0.9494 0.0283 0.4573 0.0227 0.0376 0.1445 Dec 0.0576 0.0776 0.0786 0.0787 0.0776 0.0787 0.0776 0.0787 0.0887 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0887 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787 0.0787														
BS-theo/75 T-1 T-2 T-3 T-6														
Jan	Dec	0.0001	0.0240	0.0004	0.1230	0.1200	0.1400	Dec	-0.5454	0.0200	0.4373	0.0221	0.0070	0.1443
Jan														
Feb 0.0552 0.0647 0.0675 0.0727 0.0968 0.1680 0.0665 0.06	BS-theo-75	LT=1	LT=2	LT=3	LT=4	LT=5	LT=6	BSS-theo-75	LT=1	LT=2	LT=3	LT=4	LT=5	LT=6
Feb 0.0552 0.0647 0.0675 0.0727 0.0968 0.1680 0.0665 0.06	Jan	0.0678	0.0476	0.0456	0.0547	0.1270	0.1320	Jan	-12.1141	-2.0127	-1.5909	0.0180	-0.1981	-0.1892
Mar		0.0522	0.0647				0.1680		-0.9848	0.0167	0.0189		0.0545	-0.0980
Apr				0.1010				Mar						
May														
Jun														
July 0.1830 0.2860 0.2260 0.2210 0.2210 0.2202 July 0.1183 0.5842 0.1832 0.1813 0.2838 0.1864 0.1400 0.1690 0.1690 0.1690 0.2700 0.2030 0.2280 0.2200 0.2030 0.2280 0.0000 0.1373 0.1332 0.0884 0.1400 0.0001 0.0001 0.0001 0.2001 0.2404 0.2360 0.2360 0.2200 0.0001 0.0001 0.0001 0.2001 0.3822 0.2826 0.2826 0.2806 0.0001 0.0001 0.0001 0.2001 0.0001 0.0001 0.0001 0.2001 0.0001 0.0001 0.0001 0.0001 0.1400 0.1900 0.1440 0.1700 0.1450 0.0001 0.0001 0.0001 0.0001 0.0001 0.1440 0.1700 0.1450 0.0001 0.000														
Aug														
Sep 0.0978 0.1620 0.1840 0.1560 0.1560 0.1220 Cot 0.00037 0.0337 0.1333 0.1832 0.3807 Oct 0.1040 0.1910 0.2000 0.2240 0.2360 0.2360 0.2360 0.2360 0.00034 0.1050 0.3322 0.28260 0.28260 Nov 0.1330 0.0506 0.1130 0.1540 0.1700 0.1450 Dec 0.1610 0.0567 0.0493 0.1540 0.1700 0.1450 Dec 0.1610 0.0567 0.0493 0.1540 0.1700 0.1440 Dec 0.6560 0.6570 0.6400 0.6750 0.6120 0.6100 0.5840 Mar 0.6570 0.6400 0.6750 0.6120 0.6100 0.5870 Feb 0.6660 0.6970 0.6800 0.6410 0.6230 0.6160 0.5870 Mar 0.6760 0.6570 0.5980 0.6800 0.6410 0.6230 Mar 0.6760 0.6590 0.5740 0.5820 0.6960 0.5740 0.0826 0.0848 0.1832 0.0688 0.1180 0.0204 Apr 0.6740 0.6300 0.5840 0.5820 0.6750 0.5920 0.6760 0.5920 0.6760 0.00000 0.00000 0.00000 0.0000 0.0000 0.0000 0.0000 0														
Oct														
Nov	Sep	0.0978	0.1620	0.1840	0.1560	0.1560	0.1220	Sep	-0.0252	-0.0519	-0.0337	0.1333	0.1832	0.3807
Dec Dec 25.5677	Oct	0.1040	0.1910	0.2000	0.2640	0.2360	0.2360	Oct	0.2000	0.0354	-0.1050	-0.3822	-0.2620	-0.2826
BS-act-25	Nov	0.1330	0.0906	0.1130	0.1540	0.1700	0.1450	Nov	-13.1791	0.0940	0.1871	-0.1938	-0.0559	0.1159
BS-act-25	Dec		0.0567		0.1340	0.1930	0.1440	Dec	-25.5677	-2.3158		-0.0152	-0.4621	0.0069
Jan														
Jan														
Jan	BS-act-25	LT=1	LT=2	LT=3	LT=4	LT=5	LT=6	BSS-act-25	LT=1	LT=2	LT=3	LT=4	LT=5	LT=6
Feb						0.6100						-0.0268		
Mar		0.6660		0.6340				Feb			-0.1382	-0.0698	-0.1180	0.0200
Apr 0.6740 0.6390 0.5940 0.5820 0.6750 0.5920 May 0.010 0.0000 0.0000 0.5700 0.5900 May 0.0132 0.0051 0.00524 0.0050 0.0051 0.0051 0.0050 0.0050 0.5700 0.5900 0.0051 0.0050 0.0050 0.0050 0.5950 0.5140 0.0050 0.0050 0.0530 0.5140 0.0050 0.0050 0.0530 0.5140 0.0050 0.0050 0.0530 0.5140 0.0050 0.00				0.0040			0.5070							
May						0.0								
Jun 0.8560 0.6700 0.6180 0.6505 0.5630 0.5160 0.5140 0.8560 0.70110 0.6100 0.6680 0.5450 0.5140 0.7470 0.7470 0.7280 0.6530 0.5830 0.6202 0.5440 0.7470 0.7280 0.6230 0.6150 0.6110 0.6040 0.6040 0.6040 0.6040 0.6050 0.6830 0.6270 0.6110 0.6110 0.6400 0.6220 0.6150 0.6110 0.6401 0.6270 0.6700 0.6760 0.6250 0.6130 0.6700 0.6700 0.6700 0.66250 0.6110 0.6400 0.6280 0.7080 0.6760 0.6250 0.6110 0.6400 0.6280 0.7080 0.6760 0.6250 0.6110 0.6400 0.6280 0.6120 0.6130 0.6700 0.6250 0.6170 0.6250 0.6130 0.5910 0.5910 0.6250 0.6130 0.6250 0	Apr													
Jul 0.8560 0.7010 0.6100 0.6080 0.5450 0.5140														
Aug 0.7740 0.7400 0.6530 0.5830 0.6620 0.5440 Sep 0.6990 0.7280 0.6230 0.6110 0.6040 0.6940 0.6224 0.0882 0.0024 0.0882 0.0051 0.0233 0.0645 0.1286 Nov 0.7350 0.6830 0.5970 0.5520 0.6110 0.6200 0.5700 0.0058 0.0589 0.0233 0.0648 0.1130 0.0111 0.0420 0.0580 0.05700 0.0580 0.05700 0.0580 0.05700 0.0580 0.05700 0.0688 0.1477 0.1161 0.0585 0.0205 BS-act-75 LT=1 LT=2 LT=3 LT=6 LT=6 LT=6 UT-6 UT-8														
Sep 0.6990 0.7280 0.6220 0.6150 0.6110 0.6040 0.6290 0.7200 0.5910 0.5110 0.6110 0.6400 0.6290 0.6250 0.7200 0.5910 0.5110 0.6110 0.6400 0.6290 0.6250 0.6730 0.5520 0.6130 0.5700 0.6260 0.6250 0.6170 0.5500 0.5910 0.5700 0.6760 0.6250 0.6170 0.5500 0.5910 0.6260 0.6760 0.6250 0.6170 0.5500 0.5910 0.6260 0.6760 0.6250 0.6170 0.5500 0.5910 0.6260 0.62														
Oct 0.7200 0.5910 0.6110 0.6400 0.6280 Cot 0.1285 0.0880 0.0597 0.5520 0.0830 0.9570 0.5520 0.0830 0.9570 0.5520 0.0395 0.0355 0.0206 Dec 0.7090 0.6760 0.6250 0.6170 0.5500 0.5910 Dec -0.0858 -0.1477 -0.1161 -0.0555 0.0208 BS-act-75 LT=1 LT=2 LT=3 LT=4 LT=6 LT=6 Jan 0.0428 0.0477 -0.1161 -0.0556 0.0208 Feb 0.4170 0.4570 0.4580 0.5150 0.5150 0.5150 0.5150 0.5150 0.5150 0.5150 0.5150 0.5150 0.5150 0.5150 0.5150 0.5150 0.5150 0.5160 0.0460 0.5150 0.5150 0.5150 0.5160 0.04710 0.0255 0.03831 0.0168 -0.03831 -0.1239 0.0255 -0.0883 -0.1239 0.02550 0.0260 0.0460 0.04230 <td></td>														
Nov 0.7550 0.6830 0.5970 0.5520 0.6130 0.5700 Dec 0.7090 0.6760 0.6250 0.6170 0.5500 0.5910 Dec 0.7090 0.6760 0.6250 0.6170 0.5500 0.5910 Dec 0.0858 0.1477 0.1161 0.0565 0.0998 0.0248 Dec 0.7090 0.6760 0.6250 0.6170 0.5500 0.5910 Dec 0.0858 0.1477 0.1161 0.0565 0.0998 0.0248 Dec 0.7090 0.6760 0.6250 0.4660 0.5100 0.4800 0.5080 0.4660 0.5100 0.4800 0.5080 0.4660 0.5150 0.5110 Dec 0.6872 0.1207 0.0255 0.0096 0.0898 0.0248 Dec 0.4170 0.4370 0.4590 0.4590 0.4660 0.5150 0.5110 Dec 0.6827 0.1207 0.0255 0.1096 0.0993 0.1239 Dec 0.4710 0.3250 0.3790 0.3750 0.3960 0.4460 0.5120 Dec 0.4710 0.3250 0.3790 0.3750 0.3960 0.4460 0.5120 Dec 0.4710 0.3250 0.3790 0.3750 0.3960 0.4460 0.5120 Dec 0.4710 0.3900 0.4690 0.5490 0.5550 0.4870 Dec 0.4230 0.4710 0.4540 0.5170 0.4820 0.5470 Dec 0.4230 0.4710 0.4270 0.4250 0.5470 0.5250 0.5470 Dec 0.4230 0.4710 0.4270 0.4820 0.5570 0.5250 0.4870 Dec 0.4230 0.4710 0.4270 0.4820 0.5470 0.5250 0.5470 Dec 0.4230 0.4710 0.4270 0.4700 0.4820 0.5570 0.5520 0.5470 Dec 0.4230 0.4710 0.4270 0.4700 0.4820 0.5570 0.5520 0.5470 Dec 0.4710 0.4270 0.4270 0.4280 0.4280 0.5270 Dec 0.4710 0.4270 0.4280 0.42	Sep	0.6990		0.6230	0.6150	0.6110	0.6040	Sep	0.0224	-0.0882	-0.0081	-0.0233	-0.0645	-0.1269
BS-act-75 LT=1 LT=2 LT=3 LT=4 LT=6 LT=6 Jan 0.4230 0.4500 0.4500 0.5100 0.4880 0.5000 0.5000 0.4880 0.5110 Feb 0.16170 0.4270 0.4590 0.5100 0.4880 0.6100 0.6882 0.1803 0.0255 0.1096 0.0883 0.1803 0.0721 0.1250 0.0255 0.1883 0.0880 0.4880 0.4880 0.4880 0.4880 0.4880 0.4880 0.4880 0.4880 0.4880 0.4890 0.8890 0.4890 0.8900 0.4890 0.8990 0.4890 0.8990 0.4890 0.8990 0.4890 0.8990 0.4890 0.8990 0.4890 0.8990 0.4890 0.8990	Oct	0.7200	0.5910	0.6110	0.6110	0.6400	0.6280	Oct	-0.1285	0.0880	-0.0589	-0.0498	-0.1130	-0.1115
BS-act-75 LT=1 LT=2 LT=3 LT=6 LT=6 Jan 0.4230 0.4500 0.4500 0.4500 0.4500 0.5500 0.5500 0.5510 0.5110 Feb 0.1570 0.4270 0.4270 0.4570 0.4590 0.4760 0.5150 0.5110 Feb 0.1627 0.1207 0.0255 0.1096 0.0981 0.0183 0.0721 0.1202 0.0255 0.0881 0.0759 0.0881 0.01820	Nov	0.7350	0.6830	0.5970	0.5520	0.6130	0.5700	Nov	-0.1520	-0.1498	-0.0136	0.0995	-0.0355	0.0206
Jan 0.4230 0.4500 0.4680 0.5100 0.4880 0.5090 Feb 0.4170 0.4370 0.4390 0.4500 0.5150 0.5150 0.5110 Feb 0.1627 0.1227 0.0255 0.0198 0.0983 0.1239 Feb 0.1627 0.1227 0.0255 0.0198 0.0981 0.1438 Apr 0.4370 0.4120 0.3910 0.3860 0.4460 0.5120 May 0.5470 0.4570 0.4250 0.4770 0.4890 0.4700 Jun 0.3900 0.4990 0.4900 0.4500 0.5500 Jun 0.3800 0.4600 0.4500 0.5500 Jun 0.3800 0.4500 0.5500 0.5500 Jun 0.3800 0.4500 0.4500 0.5500 Jun 0.3800 0.4500 0.5500 0.5500 Jun 0.3800 0.4500 0.4500 0.4500 0.5500 Jun 0.3800 0.4500 0.4500 0.4500 0.5500 Jun 0.3800 0.4500 0.4500 0.4500 0.4500 Jun 0.3800 0.4500 0.4500 0.4500 0.4500 Jun 0.3800 0.4500 0.4500 0.4500 0.4500 0.5310 Jun 0.3800 0.4500 0.4500 0.4500 0.4500 0.4500 Jun 0.3800 0.4500 0.4500 0.4500 0.4500 0.4500 Jun 0.3800 0.4500 0.4500 0.4500 0.4500 0.4500 0.4500 Jun 0.3800 0.4500 0.4500 0.4500 0.4500 0.4500 Jun 0.3800 0.4500 0.4500 0.4500 0.4500 0.4500 0.4500 Jun 0.3800 0.4500 0.4500 0.4500 0.4500 0.4500 0.4500 0.4500 Jun 0.3800 0.4500 0.4500 0.4500 0.4500 0.4500 0.4500 0.4500 Jun 0.3800 0.4500 0.4500 0.4500 0.4500 0.4500 0.4500 0.4500 Jun 0.3800 0.4500 0.	Dec	0.7090	0.6760	0.6250	0.6170	0.5500	0.5910	Dec	-0.0858	-0.1477	-0.1161	-0.0565	0.0998	0.0248
Jan 0.4230 0.4500 0.4680 0.5100 0.4880 0.5090 Feb 0.4170 0.4370 0.4370 0.4500 0.4710 0.5100 0.5150 0.5110 Feb 0.1627 0.1227 0.0255 0.0198 0.0983 0.1239 Feb 0.1627 0.1227 0.0255 0.0198 0.0981 0.1438 Apr 0.4370 0.4120 0.3910 0.3860 0.4460 0.5120 May 0.5470 0.4570 0.4250 0.4770 0.4820 0.4770 0.4880 0.4430 Jun 0.3900 0.4990 0.4900 0.4500 0.5200 0.5600 Jun 0.3800 0.4600 0.4500 0.5200 0.5600 Jun 0.3800 0.4500 0.4500 0.5200 0.5600 0.4770 Jun 0.3800 0.4500 0.4500 0.5200 0.5600 Jun 0.3800 0.4500 0.4500 0.5200 0.5600 Jun 0.3800 0.4500 0.4500 0.5200 0.5600 Jun 0.3800 0.4500 0.5000 0.4790 0.5250 0.4870 Jun 0.3800 0.4500 0.4500 0.5200 0.5600 Jun 0.3800 0.4500 0.4500 0.5000 0.5700 Jun 0.3800 0.4500 0.4500 0.5000 0.5700 Jun 0.3800 0.4500 0.4500 0.5000 0.5700 Jun 0.3800 0.4500 0.4500 0.5000 0.5200 0.5600 Jun 0.3800 0.4500 0.4500 0.5000 0.5700 Jun 0.3800 0.4500 0.4500 0.5000 0.5200 0.5470 Jun 0.3800 0.4500 0.4500 0.4500 0.4500 0.5470 Jun 0.3800 0.4500 0.4500 0.4500 0.4500 0.5470 Jun 0.3800 0.4500 0.4500 0.4500 0.4500 0.5400 0.5200 Jun 0.3800 0.4500 0.4500 0.4500 0.4500 0.5200 Jun 0.3800 0.4500 0.4500 0.4500 0.4500 0.5870 Jun 0.3800 0.4500 0.4500 0.4500 0.4500 0.5310 Jun 0.3800 0.4500 0.4500 0.4500 0.4500 0.4500 0.5310 Jun 0.3800 0.4500 0.4														
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Feb			0.4500	0.4680					0.1540	0.0405		-0.0759	-0.0893	-0.1239
Mar 0.4370 0.4120 0.3810 0.3860 0.4460 0.6120 Mar 0.0622 0.0885 0.1803 0.0721 -0.1320 -0.2580 Apr 0.4710 0.3250 0.3790 0.3750 0.3790 0.3750 0.3790 0.3750 0.3790 0.3750 0.3790 0.3750 0.3790 0.3750 0.3790 0.3750 0.3900 0.4200 0.4770 0.4880 0.4430 May 0.2283 0.0192 0.0192 0.0192 0.0192 0.01825 0.0192 0.0192 0.0192 0.0255 0.0192 0.0192 0.0182 0.0911 0.0192 0.0182 0.0112 0.0255 0.0911 0.0192 0.0182 0.0117 0.0261 0.0192 0.0182 0.0117 0.0261 0.0192 0.0182 0.0117 0.0261 0.0192 0.0182 0.0173 0.0192 0.0182 0.0273 0.0261 0.0193 0.0193 0.0191 0.0261 0.0273 0.0261 0.0273 0.0261 0.0293														
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Jun 0,3900 0,4990 0,4990 0,4640 0,5490 0,5480 Jul 0,0347 0,0192 0,1395 0,0175 0,02013 0,02588 Jul 0,3800 0,4630 0,4330 0,5140 0,5200 0,5560 Jul 0,1593 0,01077 0,0251 0,1981 0,02264 0,3301 Aug 0,3860 0,4900 0,5909 0,4790 0,5250 0,4870 Aug 0,0266 0,1086 0,1236 0,1236 0,1236 0,0703 Sep 0,4230 0,4710 0,4520 0,5250 0,5470 0,05470 0,0330 0,4190 0,4770 0,256 0,5470 0,5470 0,0330 0,4190 0,4720 0,5260 0,5400 0,5230 0,000 0,3300 0,4190 0,4700 0,4820 0,5240 0,000 0,5230 0,000 0,0330 0,4190 0,4700 0,4820 0,5400 0,5230 0,000 0,3300 0,4190 0,4700 0,4820 0,5310 0,000 0,4820 0,4850 0,5310 0,000 0,4820 0,4850 0,5310 0,000 0,4820 0,4850 0,5310 0,000 0,4820 0,4850 0,5310 0,000 0,4820 0,4850 0,5310 0,000 0,4820 0,4850 0,5310 0,000 0,4820 0,4850 0,5310 0,000 0,4820 0,4850 0,5310 0,000 0,4820 0,4850 0,5310 0,000 0,4850 0,000 0,4820 0,4850 0,5310 0,000 0,4850 0,000 0,4850 0,000 0,4850 0,000 0,4850 0,000									0.2395					
Jul 0.3800 0.4830 0.4330 0.5140 0.5200 0.5560 Jul 0.1593 0.1077 0.0261 0.1981 -0.2264 0.3301 Sep 0.3860 0.4900 0.5090 0.4790 0.5250 0.5470 New 0.0231 -0.0966 -0.1266 -0.1266 -0.1236 -0.1244 -0.1384 -0.0703 Sep 0.4230 0.4710 0.4570 0.5500 0.5400 0.5250 0.5470 Sep 0.0231 -0.0903 -0.0111 -0.1884 -0.0703 Nov 0.3330 0.4190 0.4720 0.5500 0.4950 0.5310 Nov 0.1888 0.0208 0.0407 -0.0050 -0.0090 -0.2281 -0.3241 Nov 0.4818 0.020 0.4070 0.4790 0.4780 0.4940 0.5020 Dec 0.1090 0.0677 -0.0105 -0.0090 -0.2781 -0.0985 BS-AT-25 LT=1 LT=2 LT=3 LT=4 LT=6 LT=6 BS-A							0.4430		-0.2993					
Aug 0.3860 0.4990 0.5990 0.4790 0.5250 0.4870							0.0.00							0.2000
Sep 0.4230 0.4710 0.4560 0.5170 0.4820 0.5470 Sep 0.0231 -0.0903 -0.0111 -0.1804 -0.1080 -0.2048 Oct 0.3330 0.4190 0.4770 0.5260 0.5200 Oct 0.2274 0.0346 -0.0160 -0.1510 -0.9281 -0.3241 Nov 0.3910 0.4300 0.4600 0.4820 0.4950 0.5310 Nov 0.1888 0.0205 -0.0407 -0.1055 -0.0903 -0.0175 -0.0903 -0.0224 0.0346 -0.03670 -0.0903 -0.0175 -0.0903 -0.0171 -0.0105 -0.0903 -0.0171 -0.0105 -0.0903 -0.0171 -0.0105 -0.0903 -0.0111 -0.0903 -0.0111 -0.0208 -0.020														
Oct 0.3330 0.4190 0.4720 0.5260 0.5400 0.5230 Nov 0.3310 0.4300 0.4600 0.4820 0.4950 0.5310 Dec 0.4170 0.4270 0.4790 0.4780 0.4940 0.5020 BS-AT-25 LT=1 LT=2 LT=3 LT=6 LT=6 Jan 13.40 7.98 2.241 11.45 28.84 28.84 Jan 13.40 7.98 2.242 11.45 28.84 28.84 Jan 6.50 13.26 23.32 23.55 21.28 21.68 Mar 6.50 13.26 23.32 23.52 21.28 21.68 May 3.291 43.47 50.71 50.10 35.94 48.21 Jun 6179 62.35 48.78 49.78 42.99 41.79 Jul 45.00 50.97 58.66 43.97 42.31 35.07 Jul 45.00 50.97 58.66 <td></td>														
Nov 0.3910 0.4300 0.4600 0.4820 0.4950 0.5310 Nov 0.1888 0.0205 0.0407 0.1055 0.0903 0.2263 Dec 0.4170 0.4270 0.4780 0.4940 0.5020 Dec 0.1090 0.0677 0.0105 0.0670 0.0786 0.0905 0.0677 0.0105 0.0677 0.0786 0.0905 0.0677 0.0786 0.0905 0.0677 0.0786 0.0905 0.0905 0.0677 0.0786 0.0050 0.0677 0.0786 0.0050 0.0677 0.0786 0.0050 0.0677 0.0786 0.0050 0.0677 0.0786 0.0050 0.0050 0.0050 0.0050 0.0050 0.0050 0.0050 0.0050 0.0050 0.0050 0.0050 0.0050 0.0050 0.0050 0.0050 0.0050														
Dec 0.4170 0.4270 0.4790 0.4780 0.4940 0.5020 Dec 0.1090 0.0677 -0.0105 -0.0670 -0.0786 -0.0985	Oct													
BS-AT-25	Nov		0.4300	0.4600	0.4820	0.4950	0.5310	Nov	0.1888	0.0205		-0.1055	-0.0903	-0.2263
Jan 13.40 7.98 2.24 11.45 26.84 28.54 Jan 8.46 6.05 6.60 8.66 21.27 22.37 Feb 6.78 8.36 8.99 10.98 15.84 29.22 Mar 6.50 13.28 23.32 23.35 21.28 21.88 Mar 10.97 19.70 16.24 15.80 20.07 17.51 Apr 26.54 51.38 51.19 43.47 48.46 51.60 Apr 96.89 109.84 124.24 120.10 119.02 May 32.91 43.47 50.71 50.10 35.94 49.21 May 28.01 33.25 31.84 42.89 36.16 41.04 Jul 45.00 50.97 56.66 43.97 42.39 35.07 Jul 25.10 44.83 33.74 34.91 44.83 40.96 Aug 31.61 31.43 41.04 42.99 35.07 Jul 25.10 44.56 <td>Dec</td> <td>0.4170</td> <td>0.4270</td> <td>0.4790</td> <td>0.4780</td> <td>0.4940</td> <td>0.5020</td> <td>Dec</td> <td>0.1090</td> <td>0.0677</td> <td>-0.0105</td> <td>-0.0670</td> <td>-0.0786</td> <td>-0.0985</td>	Dec	0.4170	0.4270	0.4790	0.4780	0.4940	0.5020	Dec	0.1090	0.0677	-0.0105	-0.0670	-0.0786	-0.0985
Jan 13.40 7.98 2.24 11.45 26.84 28.54 Jan 8.46 6.05 6.60 8.66 21.27 22.37 Feb 6.78 8.36 8.99 10.98 15.84 29.22 Mar 6.50 13.28 23.32 23.35 21.28 21.88 Mar 10.97 19.70 16.24 15.80 20.07 17.51 Apr 26.54 51.38 51.19 43.47 48.46 51.60 Apr 96.89 109.84 124.24 120.10 119.02 May 32.91 43.47 50.71 50.10 35.94 49.21 May 28.01 33.25 31.84 42.89 36.16 41.04 Jul 45.00 50.97 56.66 43.97 42.39 35.07 Jul 25.10 44.83 33.74 34.91 44.83 40.96 Aug 31.61 31.43 41.04 42.99 35.07 Jul 25.10 44.56 <td></td>														
Jan 13.40 7.98 2.24 11.45 26.84 28.54 Jan 8.46 6.05 6.60 8.66 21.27 22.37 Feb 6.78 8.36 8.99 10.98 15.84 29.22 Mar 6.50 13.28 23.32 23.35 21.28 21.88 Mar 10.97 19.70 16.24 15.80 20.07 17.51 Apr 26.54 51.38 51.19 43.47 48.46 51.60 Apr 96.89 109.84 124.24 120.10 119.02 May 32.91 43.47 50.71 50.10 35.94 49.21 May 28.01 33.25 31.84 42.89 36.16 41.04 Jul 45.00 50.97 56.66 43.97 42.39 35.07 Jul 25.10 44.83 33.74 34.91 44.83 40.96 Aug 31.61 31.43 41.04 42.99 35.07 Jul 25.10 44.56 <td></td>														
Feb 1271 6.36 3.09 6.58 17.20 28.77 Feb 6.78 8.36 8.99 10.98 15.84 29.22 Mar 6.50 13.28 23.32 23.55 21.28 21.68 Mar 10.97 19.70 16.24 15.80 20.07 17.51 Apr 26.54 51.38 51.19 43.47 48.48 51.60 Apr 96.89 109.84 124.54 124.24 120.10 119.02 May 32.91 43.47 50.71 50.10 35.94 49.21 May 28.01 35.25 31.88 42.89 36.16 41.04 Jun 61.79 62.35 48.78 49.78 42.99 41.79 Jun 36.10 33.96 33.45 37.71 44.83 40.96 Jul 45.00 50.97 58.66 43.97 42.31 35.07 Jul 25.10 44.56 33.78 34.91 49.60 45.49 Apr 26.01 36.25 31.43 41.06 43.63 37.14 52.16 Sep 30.50 27.39 39.43 36.17 40.25 37.48 Sep 13.89 26.82 28.26 25.79 27.76 23.64 Oct 24.41 31.26 33.90 37.26 37.26 37.78 40.34 Oct 14.77 30.46 30.58 45.60 43.78 43.30 Nov 21.64 11.86 29.35 26.55 32.12 35.40 Nov 15.45 15.45 13.99 18.31 26.60 28.91 28.16	BS-A/T-25	LT=1	LT=2	LT=3	LT=4	LT=5	LT=6	BS-A/T-75	LT=1	LT=2	LT=3	LT=4	LT=5	LT=6
Feb 1271 6.36 3.09 6.58 17.20 28.77 Feb 6.78 8.36 8.99 10.98 15.84 29.22 Mar 6.50 13.28 23.32 23.55 21.28 21.68 Mar 10.97 19.70 16.24 15.80 20.07 17.51 Apr 26.54 51.38 51.19 43.47 48.48 51.60 Apr 96.89 109.84 124.54 124.24 120.10 119.02 May 32.91 43.47 50.71 50.10 35.94 49.21 May 28.01 35.25 31.88 42.89 36.16 41.04 Jun 61.79 62.35 48.78 49.78 42.99 41.79 Jun 36.10 33.96 33.45 37.71 44.83 40.96 Jul 45.00 50.97 58.66 43.97 42.31 35.07 Jul 25.10 44.56 33.78 34.91 49.60 45.49 Apr 26.01 36.25 31.43 41.06 43.63 37.14 52.16 Sep 30.50 27.39 39.43 36.17 40.25 37.48 Sep 13.89 26.82 28.26 25.79 27.76 23.64 Oct 24.41 31.26 33.90 37.26 37.26 37.78 40.34 Oct 14.77 30.46 30.58 45.60 43.78 43.30 Nov 21.64 11.86 29.35 26.55 32.12 35.40 Nov 15.45 15.45 13.99 18.31 26.60 28.91 28.16	Jan	13,40	7,98	2,24	11,45	26,84	28,54	Jan	8,46	6,05	6,60	8,66	21,27	22,37
Mar 6.50 13.28 23.32 23.35 21.28 21.68 Mar 10.97 19.70 16.24 15.80 20.07 17.51 Apr 26.54 51.38 51.19 43.47 48.48 51.60 Apr 96.88 109.84 124.54 120.10 119.02 May 32.91 43.47 50.71 50.10 35.94 49.21 May 28.01 35.26 31.88 42.89 38.16 41.04 Jul 45.00 50.97 56.66 43.37 42.99 41.79 Jul 25.10 44.56 33.76 34.71 44.83 40.96 Aug 31.61 31.43 41.06 43.63 37.14 52.16 Aug 22.50 32.07 34.77 33.77 43.63 47.48 40.94 40.94 40.94 40.94 40.94 41.01 41.01 40.94 40.94 40.94 40.94 40.94 40.94 40.94 40.94 40.94 40.94 <td></td>														
Apr 26.54 51.38 51.19 43.47 48.48 51.60 Apr 96.89 109.84 124.24 124.24 120.10 119.02 May 32.91 43.47 50.71 50.10 35.94 49.21 May 28.01 35.25 31.88 42.89 36.16 41.04 Jun 61.79 62.35 48.78 49.78 42.99 41.79 Jun 36.10 33.96 33.45 37.71 44.83 40.96 Jul 45.00 50.97 58.66 43.97 42.31 35.07 Jul 25.10 44.56 33.78 34.91 49.60 45.49 Aug 22.50 32.07 34.79 34.67 41.04 48.60 45.49 49.21 49.22														
May 32 91 43.47 50.71 50.10 35.94 49.21 May 28.01 35.25 31.88 42.88 36.16 41.04 Jun 61.79 62.35 48.78 49.78 42.99 44.79 31.01 33.96 33.45 37.71 44.83 49.86 Jul 45.00 50.97 58.66 43.97 42.31 35.07 Jul 25.10 44.56 33.76 34.91 49.60 45.49 Aug 31.61 31.43 41.06 43.63 37.14 52.16 Aug 22.50 32.07 34.77 33.67 41.01 Sep 30.50 77.39 39.43 36.72 40.23 37.48 Sep 13.88 26.82 28.26 25.79 22.77 23.64 Oct 24.41 31.26 33.90 37.78 40.34 Oct 14.77 30.46 30.58 45.60 43.78 43.30 Nov 21.64 11.86 2														
Jun 61.79 62.35 48.78 49.78 42.99 41.79 Jun 36.10 33.96 33.45 37.71 44.83 49.96 Jul 45.00 50.97 58.66 43.97 42.31 35.07 Jul 25.10 44.56 33.78 34.91 49.60 45.49 Aug 31.61 31.43 41.06 43.63 37.14 52.16 Aug 22.50 32.07 34.79 34.77 33.67 41.01 Sep 30.50 27.39 39.43 36.17 40.25 37.48 Sep 13.89 26.82 28.26 25.79 27.76 23.64 Oct 24.41 31.26 33.90 37.26 37.78 40.34 Oct 14.77 30.46 30.58 45.60 43.78 43.30 Nov 21.64 11.86 29.95 26.56 32.12 35.40 Nov 15.46 13.98 18.31 26.60 28.91 28.19 28.19 <														
Jul 45.00 50.97 58.66 43.97 42.31 35.07 Jul 25.10 44.56 33.78 34.91 49.60 45.49 Aug 31.61 31.43 41.06 43.63 37.14 52.16 Aug 22.50 32.07 34.79 34.77 33.67 41.01 Sep 30.50 27.39 38.43 36.17 40.25 37.48 Sep 13.89 26.82 22.26 25.79 27.76 23.64 Oct 24.41 31.26 33.90 37.26 37.78 40.34 Oct 14.77 30.46 30.58 45.60 43.78 43.30 Nov 21.64 11.86 29.35 26.56 32.12 35.40 Nov 15.46 13.98 18.31 26.60 28.91 28.16														
Aug 31.61 31.43 41.06 43.63 37.14 52.16 Aug 22.50 32.07 34.79 34.77 33.67 41.01 Sep 30.50 27.39 39.43 36.17 40.25 37.48 Sep 13.89 26.82 28.26 25.79 27.76 23.64 Oct 24.41 31.26 33.90 37.26 37.78 40.34 Oct 14.77 30.46 30.58 45.60 43.78 43.30 Nov 21.64 11.86 29.35 26.56 32.12 35.40 Nov 15.45 13.98 18.31 26.60 28.91 28.16														
Sep 30.50 27.39 39.43 36.17 40.25 37.48 Sep 13.89 26.82 28.26 25.79 27.76 23.64 Oct 24.41 31.26 33.90 37.26 37.78 40.34 Oct 14.77 30.46 30.58 45.60 43.78 43.30 Nov 21.64 11.86 29.35 26.56 32.12 35.40 Nov 15.45 13.98 18.31 26.60 28.91 28.16														
Oct 24.41 31.26 33.90 37.26 37.78 40.34 Oct 14.77 30.46 30.58 45.60 43.78 43.30 Nov 21.64 11.86 29.35 26.56 32.12 35.40 Nov 15.45 13.98 18.31 26.60 28.91 28.16														
Nov 21.64 11.86 29.35 26.56 32.12 35.40 Nov 15.45 13.98 18.31 26.60 28.91 28.16														
	Oct	24.41		33.90	37.26	37.78	40.34	Oct	14.77	30.46	30.58		43.78	43.30
			44.00	20.25	26.56	32.12	35.40	Nov	15.45	13.98	18 31	26.60	20.04	28 16
	Nov	21.64	11.86										20.91	
	Nov Dec													

Table 4: Skill scores in the Brahmaputra

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BS-theo-25	LT=1	LT=2	LT=3	I T=4	LT=5	LT=6	BSS-theo-25	LT=1	LT=2	LT=3	LT=4	LT=5	LT=6
Jan	0.0526	0.0932	0.0701	0.0852	0.0855	0.1720	Jan	0.3617	0.0431	-0.0204	0.1235	0.3214	-0.2836
Feb	0.0320	0.0876	0.0701	0.0852	0.1030	0.0647	Feb	0.2640	-0.2807	-0.0204	-0.2459	0.0190	0.5243
Mar	0.0854	0.1060	0.1130	0.1260	0.1290	0.1700	Mar	0.1627	0.2090	0.1374	0.1656	0.1569	0.0395
Apr	0.0678	0.0997	0.0909	0.1120	0.1760	0.1650	Apr	0.2125	-0.0767	0.2361	0.0427	-0.2662	-0.0313
May	0.1590	0.1900	0.1660	0.2010	0.1870	0.2030	May	-0.2326	-0.3669	-0.1528	-0.2331	-0.1761	-0.1154
Jun	0.2260	0.1770	0.1730	0.1940	0.1850	0.2000	Jun	-1.1121	-0.4274	-0.0949	-0.2763	-0.1709	-0.2579
Jul	0.1930	0.2040	0.1740	0.2310	0.2040	0.1810	Jul	0.0000	-0.1148	0.2055	-0.0794	0.0000	0.1298
Aug	0.0862	0.2370	0.2310	0.2260	0.2370	0.2980	Aug	0.4579	-0.0822	-0.0845	-0.0610	-0.1449	-0.5051
Sep	0.0171	0.1430	0.2170	0.1820	0.1870	0.1980	Sep	0.7578	0.1386	-0.1302	0.0900	0.0410	0.0050
Oct	0.0705	0.1150	0.1930	0.2170	0.1820	0.1620	Oct	-0.0714	0.0417	-0.1420	-0.5390	-0.1447	0.0182
Nov	0.0303	0.0639	0.1030	0.1630	0.2520	0.1950	Nov	0.3791	0.2338	0.0636	0.0181	-0.4651	-0.1337
Dec	0.0223	0.0477	0.0612	0.1360	0.1590	0.1720	Dec	0.2664	0.1343	0.2697	-0.1333	-0.0392	-0.0238
BS-theo-75	LT=1	LT=2	LT=3	LT=4	LT=5	LT=6	BSS-theo-75	LT=1	LT=2	LT=3	LT=4	LT=5	LT=6
Jan	0.0909	0.0855	0.1070	0.1010	0.1460	0.1590	Jan	0.0055	0.3571	-0.1823	0.3267	0.1043	0.0422
Feb	0.0376	0.0053	0.1180	0.1530	0.1240	0.1480	Feb	0.4069	-0.0612	0.1449	-0.0338	0.2530	0.2332
Mar	0.0424	0.1470	0.1180	0.1830	0.1990	0.1970	Mar	0.5081	0.0000	0.2761	0.0214	0.0829	0.0000
Apr	0.0234	0.1200	0.1040	0.1200	0.1410	0.1510	Apr	0.4834	0.0244	0.1938	0.1892	0.0784	0.0904
Mav	0.1170	0.1210	0.1750	0.1610	0.1630	0.1530	May	-0.2829	0.1418	-0.0938	0.0000	0.0632	0.0671
Jun	0.1650	0.1620	0.2100	0.1870	0.1630	0.1820	Jun	-0.3095	0.0795	-0.1538	-0.0219	0.1093	0.0471
Jul	0.1420	0.1760	0.1980	0.2040	0.2210	0.1970	Jul	-0.3028	-0.1139	0.0246	-0.0462	-0.0676	0.0390
Aug	0.1860	0.1740	0.1640	0.2040	0.1930	0.1650	Aug	-1.2545	0.0057	0.1368	-0.0462	0.0203	0.1750
Sep	0.1260	0.1690	0.2190	0.1830	0.2210	0.1680	Sep	-0.1455	-0.0305	-0.1587	0.0317	-0.1755	0.1429
Oct	0.0802	0.1170	0.1890	0.1610	0.2030	0.2070	Oct	-0.5453	0.0859	-0.1962	0.1154	-0.0856	-0.0781
Nov	0.0623	0.1530	0.1650	0.1800	0.1830	0.2120	Nov	0.3250	-0.0552	0.1176	-0.0227	-0.0281	-0.1277
Dec	0.1000	0.0534	0.1240	0.1340	0.1230	0.1690	Dec	-0.2674	-0.4432	-0.2731	0.0429	0.1689	-0.0696
							·						
BS-act-25	LT=1	LT=2	LT=3	LT=4	LT=5	LT=6	BSS-act-25	LT=1	LT=2	LT=3	LT=4	LT=5	LT=6
Jan	0.7250	0.7610	0.7570	0.7280	0.6470	0.6260	Jan	0.0435	-0.0242	-0.0783	-0.1629	-0.0572	-0.0868
Feb	0.6600	0.6790	0.7240	0.6850	0.6980	0.6790	Feb	0.0337	0.0382	-0.1020	-0.1211	-0.1653	-0.1431
Mar	0.6340	0.6260	0.6440	0.6590	0.6680		Mar	0.0495	0.0501	0.0153	-0.0965	-0.1497	-0.2593
Apr	0.6280 0.6220	0.6600	0.6240	0.6550 0.5830	0.6650 0.6690	0.6730	Apr Mav	0.0218	0.0045 -0.0115	0.0370 -0.0142	-0.0031 0.0395	-0.1310 -0.1301	-0.1869 -0.2715
May			0.6420	0.5830	0.5420	0.6790	Jun	0.0576		-0.0142	-0.2297	0.0356	
Jun Jul	0.6350	0.5680	0.6790	0.7120	0.5420	0.6150	Jun Jul	-0.0844	0.1139 0.1316	0.1051	-0.2297	-0.2616	-0.1431 -0.1613
Aug	0.6230	0.5500	0.5110	0.5860	0.6590	0.6830	Aug	-0.0130	0.1316	-0.0503	-0.1234	-0.2616	-0.1613
Sep	0.0230	0.6310	0.5770	0.5790	0.5720	0.6800	Sep	-0.0130	-0.1664	-0.0505	-0.0333	0.0087	-0.1467
Oct	0.7290	0.6750	0.6200	0.5950	0.5730	0.5040	Oct	-0.1373	-0.1421	-0.2062	0.0100	0.0087	0.1897
Nov	0.7180	0.7460	0.6630	0.6080	0.5820	0.5980	Nov	-0.0213	-0.1477	-0.1050	-0.1450	0.0119	-0.0017
Dec	0.7340	0.7290		0.6660	0.6410	0.5570	Dec	0.0213	-0.0596	-0.1559	-0.1430	-0.0809	0.0732
Dec	0.7540	0.7230	0.7430	0.0000	0.0410	0.5570	Dec	0.0134	-0.0000	-0.1555	-0.0330	-0.0003	0.0732
BS-act-75	LT=1	LT=2	LT=3	LT=4	LT=5	LT=6	BSS-act-75	LT=1	LT=2	LT=3	LT=4	LT=5	LT=6
Jan	0.7700	0.7310	0.6710	0.5970	0.5910	0.5600	Jan	-0.1920	-0.0830	0.0469	0.0913	0.0678	0.0378
Feb	0.6990	0.7130	0.6410	0.6200	0.6100	0.6280	Feb	-0.0770	-0.1228	-0.0372	0.0343	0.0333	-0.0537
Mar	0.7270	0.6710	0.6760	0.5810	0.5780	0.6260	Mar	-0.1431	-0.1373	-0.2093	0.0491	0.1094	0.0369
Apr	0.7510	0.6470	0.6280	0.5560	0.5800	0.6220	Apr	-0.1680	-0.0641	-0.0698	0.0496	0.0445	0.0189
May	0.7410	0.6420	0.6290	0.5970	0.5510	0.5480	May	-0.2412	-0.1031	-0.1113	-0.0119	0.0937	0.0821
Jun	0.5900	0.5620	0.6040	0.5380	0.6900	0.6420	Jun	-0.0034	0.0377	-0.0962	0.0578	-0.2321	-0.0223
Jul	0.6930	0.7090	0.6400	0.5610	0.5060	0.5640	Jul	-0.1177	-0.1817	-0.1208	0.0344	0.1044	-0.0089
Aug	0.8220	0.6220	0.6070	0.5070	0.5690	0.4920	Aug	-0.2342	-0.1167	-0.0782	0.1105	0.0018	0.1151
Sep	0.8290	0.6410	0.5470	0.6200	0.5180	0.5440	Sep	-0.1113	-0.0339	-0.0148	-0.1923	0.0650	0.0000
Oct	0.8010	0.6500	0.6010	0.5490	0.5910	0.5160	Oct	-0.1476	0.0385	-0.0309	0.0300	-0.1067	0.0301
Nov	0.7900	0.7100	0.6440	0.5310	0.5530	0.5940	Nov	-0.1174	-0.0534	-0.0016	0.0038	-0.0184	-0.0919
Dec	0.8280	0.7380	0.6330	0.6130	0.5290	0.5390	Dec	-0.1421	-0.0380	0.0452	0.0362	0.0537	-0.0132
BS-A/T-25	LT=1	LT=2	LT=3	LT=4	LT=5	LT=6	BS-A/T-75	LT=1	LT=2	LT=3	LT=4	LT=5	LT=6
Jan	7.26	12.25	9.26	11.70	13.21	27.48	Jan	11.81	11.70	15.95	16.92	24.70	28.39
Feb	5.95	12.90	12.60	16.79	14.76	9.53	Feb	5.38	10.70	18.41	24.68	20.33	23.57
Mar	13.47	16.93	17.55	19.12	19.31	23.98	Mar	5.83	21.91	17.46	31.50	34.43	31.47
Apr	10.80	15.11	14.57	17.10	26.47	24.52	Apr	3.12	18.55	16.56	21.58	24.31	24.28
May	25.56	30.79	25.86	34.48	27.95	29.90	May	15.79	18.85	27.82	26.97	29.58	27.92
Jun	35.59	31.16	25.48	27.25	34.13	32.52	Jun	27.97	28.83	34.77	34.76	23.62	28.35
Jul	28.89	38.64	34.05	36.78	30.00	27.93	Jul	20.49	24.82	30.94	36.36	43.68	34.93
Aug	13.84	43.09	39.49	38.57	35.96	43.63	Aug	22.63	27.97	27.02	40.24	33.92	33.54
Sep	2.35	22.66	37.61	31.43	32.69	29.12	Sep	15.20	26.37	40.04	29.52	42.66	30.88
Oct	8.48	17.04	31.13	36.47	31.76	32.14	Oct	10.01	18.00	31.45	29.33	34.35	40.12
Nov	4.22	8.57	15.54	26.81	43.30	32.61	Nov	7.89	21.55	25.62	33.90	33.09	35.69
			15.54			32.61 30.88	Nov Dec	7.89 12.08	21.55 7.24	25.62 19.59	33.90 21.86	33.09 23.25	35.69 31.35

Table 5: Skill scores in the Yangtze

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Jan	BS-theo-25	LT=1	LT=2	LT=3	I T-4	LT=5	LT=6	BSS-theo-25	LT=1	LT=2	LT=3	LT=4	LT=5	LT=6
Feb														
Mar														
Apr														
https://doi.org/10.1040/10.1														
Jun								Mari						
Dec														
Aug														
Sep														
Cot														
Nov 0.0494														
Dec 0.0698 0.0344 0.0902 0.1680 0.1970 0.2030 Dec 0.9532 0.1598 0.0466 0.1429 0.0914 -0.1232 Dec 0.0515 0.0525														
School S														
Jan	Dec	0.0059	0.0344	0.0902	0.1680	0.1970	0.2030	Dec	0.9532	0.1599	0.0466	0.1429	0.0914	-0.1232
Jan														
Jan	BS-then-75	II T-1	I T=2	I T=3	I T=4	I T=5	I T=6	RSS-then-75	I T-1	I T=2	I T=3	I T=4	I T-5	I T=6
Feb 0.0768														
Mar														
Apr														
May														
Jun	Mov							Mov						
Jul														
Aug														
Sep														
Oct 0.0683 0.1440 0.1710 0.1920 2000 0.1990 Nov -0.0375 -0.1000 0.1380 0.0000 Nov -0.0350 0.0665 0.0000 0.0052 0.0000 BS-act-25 LT=1 LT=2 LT=3 LT=4 LT=5 LT=6 LT=6 LT=6 LT=6 LT=6 LT=6 LT=6 LT=1 LT=2 LT=3 LT=4 LT=5 LT=6 LT=6 LT=1 LT=2 LT=3 LT=4 LT=5 LT=6 LT=6 LT=1 LT=2 LT=3 LT=4 LT=5 LT=6 LT=1 LT=2 LT=3 LT=4 LT=5 LT=6 LT=6 LT=1 LT=5 LT=6 LT=6 LT=6 LT=1 LT=5 LT=6 LT=6 LT=1 LT=5 LT=6 LT=6 LT=6 LT=5 LT=6 LT=6 LT=6 LT=6 LT=1 LT=6	Aug													
Nov														
Dec 1,7000 -0.3504 -0.3338 0.0175 -0.0828 -0.1786														
BS-act-25														
Jan	Dec	0.0350	0.0665	0.0698	0.1140	0.1450	0.1680	Dec	-1.7000	-0.3504	-0.3338	0.0175	-0.0828	-0.1786
Jan														
Jan														
Feb														
Mar														
Apr														
May	Mar	0.6770	0.6600	0.6630	0.6320	0.6690	0.6370	Mar	0.0203	0.0379	-0.0541		-0.0437	-0.0307
May	Apr	0.6450		0.6390	0.6220	0.6580	0.6200	Apr	0.0168	0.0821	0.0274		-0.0682	-0.0265
Jul	May	0.6970	0.5430	0.5990	0.6010	0.6290	0.6290	May	-0.0823	0.0843	0.0370	0.0050	-0.0431	-0.1374
Jul	Jun	0.6320	0.6740	0.5810	0.5820	0.5290	0.5580	Jun	0.0841	-0.1845	-0.0544	-0.0430	0.0131	0.0526
Sep			0.5710	0.5960	0.6100	0.6660	0.5610	Jul		0.0371	-0.0241		-0.1914	0.0018
Sep	Aua	0.5390	0.5080	0.5480	0.6170	0.6950	0.6750	Aug	0.1135	-0.0099	0.0552	-0.1511	-0.2478	-0.1989
Cct 0.6210 0.6340 0.6350 0.6390 0.6220 0.6640 Nov 0.7500 0.6350 0.6390 0.6130 0.6390 0.6130 0.0040 0.0427 0.0091 0.0047 0.0851 0.6500 0.0068 0.0084 0.00427 0.0091 0.0094 0.0427 0.0091 0.0047 0.0851 0.0068 0.0331 0.1007 0.0088 0.0178 0.0068 0.0178 0.0081 0.0081 0.0081 0.0094 0.0427 0.0091 0.0097 0.0081 0.0081 0.0081 0.0081 0.0081 0.0081 0.0081 0.0081 0.0081 0.0082 0.0082 0.0088 0.0081 0.0081 0.0081 0.0081 0.0082 0.0082 0.0082 0.0082 0.0081 0.0082 0.0082 0.0082 0.0083 0.0082 0.0082 0.0082 0.0082 0.0082 0.0082 0.0082 0.0082 0.0082 0.0082 0.0082 0.0082 0.0082 0.0082 0.0082 0.0082						0.6680	0.7240				-0.0225		-0 2748	-0.3482
Nov 0.7500 0.6350 0.6190 0.6150 0.6350 0.6640						0.6280							-0.1275	
Dec														
BS-act-75 LT=1 LT=2 LT=3 LT=4 LT=5 LT=6 Jan 0.7940 0.7770 0.7990 0.6200 0.5620 0.4670 Feb 0.7810 0.7590 0.6560 0.7070 0.5690 0.5630 Mar 0.6670 0.5890 0.5990 0.6180 0.5830 0.5600 Mar 0.7290 0.5760 0.5899 0.5750 0.5510 0.5400 May 0.6670 0.5760 0.5899 0.5750 0.5510 0.5400 May 0.6670 0.6180 0.5740 0.5990 0.5530 Mar 0.1098 0.0034 0.0212 0.0014 0.0021 0.0072 0.00140 May 0.6670 0.6180 0.5740 0.5690 0.5830 0.5200 Mar 0.1098 0.0034 0.0212 0.0098 0.0022 0.0072 0.0146 May 0.6670 0.6180 0.5740 0.5690 0.5830 0.5200 Mar 0.1098 0.0034 0.0212 0.0198 0.0272 0.0161 May 0.6570 0.6180 0.5740 0.5690 0.5830 0.5320 Jun 0.0250 0.6440 0.5950 0.5580 0.5270 0.5610 Jul 0.7250 0.6440 0.5950 0.5580 0.4440 Jul 0.7250 0.64310 0.6410 0.5500 0.5150 0.4440 May 0.8220 0.6410 0.6410 0.5500 0.5150 0.4440 May 0.8220 0.6410 0.6410 0.5500 0.5150 0.4440 May 0.8220 0.6530 0.5555 0.5140 0.4500 Mar 0.0887 0.1870 0.01870 0.0038 0.0038 0.0037 0.0071 0.1038 Sep 0.7680 0.6520 0.5555 0.5140 0.5220 0.4870 Nov 0.7790 0.6880 0.6300 0.5370 0.5070 0.4470 Nov 0.7790 0.6880 0.6360 0.5370 0.5070 0.4470 Nov 0.7790 0.6880 0.6360 0.5370 0.5070 0.4480 May 0.9087 0.1781 0.0138 0.01190 0.0523 0.1497 Nov 0.7790 0.6880 0.6360 0.5370 0.5070 0.4470 Nov 0.7790 1.7841 0.7841 0.1851 1.785 1.786 May 1923 2.707 27.05 26.29 2.480 2.035 May 2.542 2.929 31.01 33.22 32.76 36.47 Jun 1.786 2.389 3.064 29.73 32.89 32.80 Jun 1.586 2.966 3.355 3.357 3.466 37.956 Jul 16.31 27.32 34.06 32.46 28.53 3.262 Jul 15.86 2.966 3.355 3.357 3.356 3.357 Aug 1929 3.799 3.688 33.30 3.30 3.388 May 3.929 3.799 3.688 33.30 3.309 33.37 2.907 Nov 9.67														
Jan 0.7940 0.7770 0.7990 0.6200 0.5620 0.4670 Jan -0.1012 0.0444 -0.0625 0.0549 0.0073 0.0678 Feb 0.7590 0.5660 0.7070 0.5690 0.5630 0.5900 0.6800 0.5930 0.5900 0.0729 0.0373 0.0679 Mar 0.6870 0.5890 0.5790 0.5890 0.5750 0.5890 0.5750 0.5890 0.5720 0.5800 0.5900 0.5400 May 0.6570 0.6180 0.5590 0.5880 0.5270 0.5510 0.5800 0.5270 0.5610 0.0022 0.0022 0.0022 0.0072 0.0148 Jul 0.7250 0.6440 0.5590 0.5880 0.5270 0.5510 0.4440 0.0037 0.0440 0.0817 0.0038 0.0038 0.0580 0.0580 0.5520 0.4440 0.0440 0.0817 0.0186 0.0311 0.0036 0.0380 0.0583 0.0580 0.0580 0.0580	Dec	0.7540	0.7500	0.0000	0.5500	0.0510	0.0040	Dec	0.0000	-0.0001	-0.1007	-0.0072	-0.0000	0.0170
Jan 0.7940 0.7770 0.7990 0.6200 0.5620 0.4670 Jan -0.1012 0.0444 -0.0625 0.0549 0.0073 0.0678 Feb 0.7590 0.5660 0.7070 0.5690 0.5630 0.5900 0.6800 0.5930 0.5900 0.0729 0.0373 0.0679 Mar 0.6870 0.5890 0.5790 0.5890 0.5750 0.5890 0.5750 0.5890 0.5720 0.5800 0.5900 0.5400 May 0.6570 0.6180 0.5590 0.5880 0.5270 0.5510 0.5800 0.5270 0.5610 0.0022 0.0022 0.0022 0.0072 0.0148 Jul 0.7250 0.6440 0.5590 0.5880 0.5270 0.5510 0.4440 0.0037 0.0440 0.0817 0.0038 0.0038 0.0580 0.0580 0.5520 0.4440 0.0440 0.0817 0.0186 0.0311 0.0036 0.0380 0.0583 0.0580 0.0580 0.0580														
Jan 0.7940 0.7770 0.7990 0.6200 0.5620 0.4670 Jan -0.1012 0.0444 -0.0625 0.0549 0.0073 0.0678 Feb 0.7590 0.5660 0.7070 0.5690 0.5630 0.5900 0.6800 0.5930 0.5900 0.0729 0.0373 0.0679 Mar 0.6870 0.5890 0.5790 0.5890 0.5750 0.5890 0.5750 0.5890 0.5720 0.5800 0.5900 0.5400 May 0.6570 0.6180 0.5590 0.5880 0.5270 0.5510 0.5800 0.5270 0.5610 0.0022 0.0022 0.0022 0.0072 0.0148 Jul 0.7250 0.6440 0.5590 0.5880 0.5270 0.5510 0.4440 0.0037 0.0440 0.0817 0.0038 0.0038 0.0580 0.0580 0.5520 0.4440 0.0440 0.0817 0.0186 0.0311 0.0036 0.0380 0.0583 0.0580 0.0580 0.0580	BS-act-75	LT=1	LT=2	LT=3	LT=4	LT=5	LT=6	BSS-act-75	LT=1	LT=2	LT=3	LT=4	LT=5	LT=6
Mar		0.7940	0.7770	0.7990	0.6200	0.5620	0.4670		-0.1012	-0.0444	-0.0625	0.0549	-0.0072	0.0985
Mar														
Apr 0.7290 0.5780 0.5780 0.5780 0.5720 0.5510 0.5400 Apr -0.1164 0.0319 -0.0466 0.0222 0.0772 0.0146 Jun 0.6570 0.6580 0.5720 0.5510 0.5200 May -0.0987 -0.0781 -0.0300 -0.0089 -0.0581 0.0561 0.0561 0.0561 0.0561 0.0572 0.05830 0.0200 0.05830 0.0208 -0.0902 -0.0751 -0.0136 0.0036 0.1304 0.0311 Jul 0.7200 0.6830 0.6260 0.5970 0.5280 0.4880 Jul -0.1557 0.01616 0.0925 0.0083 0.0897 0.1812 Aug 0.8220 0.68410 0.6440 0.5550 0.5140 0.4610 0.5290 0.4810 0.4410 0.0887 0.1812 0.0781 0.0887 0.0183 0.0171 0.1808 0.0171 0.0771 0.1808 0.0782 0.0887 0.0181 0.0771 0.0808 0.0887 0.01			0.5890							-0.0034				
May														
Jun 0.7250 0.6440 0.5950 0.5580 0.5270 0.5610 Jun 0.0902 0.0751 0.0136 0.0036 0.1304 0.0311 Jul 0.7200 0.6830 0.6520 0.5560 0.5280 0.4890 Aug 0.8220 0.6410 0.6410 0.5500 0.5150 0.4440 Sep 0.7580 0.6520 0.5450 0.5150 0.4440 Crt 0.7530 0.6520 0.5450 0.5150 0.4440 Dec 0.7590 0.6520 0.5450 0.5140 0.5220 0.4970 Nov 0.7790 0.6880 0.6350 0.5140 0.5220 0.4970 Dec 0.7940 0.7840 0.6360 0.5870 0.4810 0.4490 Dec 0.7940 0.7840 0.6360 0.5870 0.4810 0.4490 Dec 0.7940 0.7840 0.6360 0.5870 0.4810 0.4490 BS-AT-25 LT=1 LT=2 LT=3 LT=4 LT=5 LT=6 Jan 3.82 2.88 5.00 8.58 26.83 28.11 Jan 3.82 2.88 5.00 8.58 2.683 28.11 Jan 3.391 12.36 11.92 11.78 11.85 12.78 11.71 Mar 18.89 29.88 33.33 31.88 35.68 31.93 Apr 13.91 12.36 13.08 11.75 13.13 15.45 May 19.23 27.07 27.05 26.29 24.80 20.55 Jul 1.797 27.30 28.24 33.27 35.78 Aug 19.29 37.99 36.68 33.06 28.63 30.37 Aug 19.29 37.99 36.68 33.06 28.63 30.37 Aug 19.29 37.99 36.68 33.09 31.37 29.07 Oct 7.42 25.47 28.35 30.99 31.33 30.32 Oct 7.42 25.47 28.35 30.99 31.33 30.32 Nov 6.45 15.20 31.21 30.73 33.00 30.22 Aug 0.926 0.0751 0.0136 0.0036 0.0036 0.0036 0.0036 Aug 0.926 0.0751 0.0136 0.0036 0.0036 0.0036 Aug 0.9250 0.0022 0.0022 0.0022 0.0012 0.0013 0.0036 Aug 0.9250 0.0022														
Jul														
Aug 0.8220 0.6410 0.5500 0.5150 0.4440 Aug -0.087 0.1870 -0.1783 -0.0110 0.0771 0.1808 Sep 0.7580 0.6520 0.5450 0.5150 0.4610 0.520 0.9470 0.0433 0.14470 Oct 0.7530 0.6880 0.5550 0.5140 0.5220 0.4970 0.0720 0.0222 0.0322 0.0192 0.0433 0.14470 Dec 0.77940 0.6880 0.5350 0.5570 0.0470 0.0072 0.0222 0.0322 0.0199 0.0433 0.14470 Dec 0.7940 0.6880 0.6360 0.5870 0.4810 0.4490 0.026 0.0325 0.0075 0.2102 Dec 0.7940 0.7840 0.6360 0.5870 0.4490 0.04490 0.6380 0.0325 0.0501 0.01199 0.0830 0.7975 0.2102 0.0262 0.0212 0.0262 0.0262 0.0421 0.0262 0.0262 0.0262 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>														
Sep 0.7880 0.6520 0.5450 0.5120 0.5540 0.4610 Sep -0.2088 -0.0252 -0.0322 -0.0322 0.0533 0.1447 0.022 0.0322 0.0322 0.0322 0.0523 0.1447 0.022 0.0322 0.0325 0.0530 0.0533 0.1447 0.022 0.0325 0.0530 0.0533 0.1447 0.022 0.0325 0.0530 0.0533 0.04470 0.022 0.0324 0.1886 0.0018 0.0253 0.14470 Dec 0.7940 0.7840 0.6360 0.5870 0.44470 0.44490 0.022 0.0129 0.0683 0.0765 0.2102 BS-AT-25 LT=1 LT=2 LT=3 LT=4 LT=5 LT=6 BS-AT-75 LT=1 LT=2														
Cct 0.7530 0.6850 0.5550 0.5140 0.5220 0.4970 Oct -0.2344 0.1896 -0.0016 0.1199 0.0523 0.1401 Dec 0.7940 0.6880 0.6360 0.5370 0.04470 Nov -0.1193 0.1197 -0.1297 0.0693 0.0755 0.2102 Dec 0.7940 0.7840 0.6360 0.5870 0.4810 0.4490 Dec -0.1012 -0.0568 -0.0325 -0.0501 0.1199 0.1851 BS-AT-26 LT=1 LT=2 LT=3 LT=4 LT=5 LT=6 <														
Nov 0.7790 0.6880 0.6360 0.5370 0.4470 Dec 0.7940 0.7840 0.6360 0.5370 0.4490 BS-AT-25 LT=1 LT=2 LT=3 LT=4 LT=5 LT=6 LT=6 LT=6 LT=6 LT=6 LT=6 LT=6 LT=6 LT=7 LT=8 LT=5 LT=6 LT=6 LT=6 LT=6 LT=6 LT=6 LT=6 LT=6 LT=7 LT=6 LT=6 LT=6 LT=7 LT=8 LT=6 LT=6 LT=6 LT=8 LT=8 LT=6 LT=7 LT=6 LT=6<		0.7000												
Dec 0.7940 0.7840 0.6360 0.5870 0.4810 0.4490 Dec -0.1012 -0.1058 -0.0325 -0.0501 0.1109 0.1851														
BS-AT-25 LT=1 LT=2 LT=3 LT=4 LT=5 LT=6 Jan 3.82 2.88 5.00 8.58 26.83 28.11 Feb 8.48 15.38 11.92 11.78 17.68 25.93 Mar 9.75 11.79 10.78 11.85 12.78 11.71 Mar 18.89 29.88 33.39 31.88 35.68 31.90 Apr 13.91 12.36 13.08 11.75 13.13 15.45 May 19.23 27.07 27.05 26.29 24.80 20.35 May 19.23 27.07 27.05 26.29 24.80 20.35 Jun 15.85 29.89 38.33 39.31 Jun 15.86 29.68 33.69 33.59 34.68 33.06 Jun 15.86 29.68 34.99 38.33 37.55 36.54 Jul 16.31 27.32 34.06 32.46 28.53 32.62 Jul 13.04 17.28 24.28 24.29 29.31 Jun 15.86 29.68 33.99 36.88 33.06 28.63 30.37 Aug 19.29 37.99 36.88 33.06 28.63 30.37 Aug 19.29 37.99 36.88 33.06 28.63 30.37 Sep 11.99 27.84 32.94 32.05 30.39 26.33 Sep 11.99 27.84 32.94 32.05 30.39 31.37 29.07 Oct 7.42 25.47 28.35 30.99 31.37 29.07 Oct 9.07 21.65 30.81 37.33 32.99 30.7 40.04														
Jan 3.82 2.88 5.00 8.58 26.83 28.11 Jan 1.70 3.80 6.80 9.35 19.04 34.69 Feb 8.48 15.38 11.92 11.78 17.68 12.69 19.26 13.91 11.71 19.82 25.51 30.73 25.51 30.73 32.61 33.61 32.61 33.61 33.61 35.68 31.90 34.66 37.98 34.66 37.98 34.66 37.98 34.66 37.98 34.66 37.98 34.66 37.98 34.66 37.98 34.66 37.98 34.66 37.98 34.66 37.98 34.66 37.98 34.66 37.98 34.66 37.98 34.66 37.98 34.66 37.98 34.66 37.98 34.66 37.98 34.66 37.98 34.66 37.98 36.47 34.66 37.98 34.66 37.98 36.47 34.66 37.98 36.47 34.66 37.98 36.47 34.96 33.29	Dec	0.7940	0.7840	0.6360	0.5870	0.4810	0.4490	Dec	-0.1012	-0.1058	-0.0325	-0.0501	0.1109	0.1851
Jan 3.82 2.88 5.00 8.58 26.83 28.11 Jan 1.70 3.80 6.80 9.35 19.04 34.69 Feb 8.48 15.38 11.92 11.78 17.68 12.69 19.26 13.91 11.71 19.82 25.51 30.73 25.51 30.73 32.61 33.61 32.61 33.61 33.61 35.68 31.90 34.66 37.98 34.66 37.98 34.66 37.98 34.66 37.98 34.66 37.98 34.66 37.98 34.66 37.98 34.66 37.98 34.66 37.98 34.66 37.98 34.66 37.98 34.66 37.98 34.66 37.98 34.66 37.98 34.66 37.98 34.66 37.98 34.66 37.98 34.66 37.98 34.66 37.98 36.47 34.66 37.98 34.66 37.98 36.47 34.66 37.98 36.47 34.66 37.98 36.47 34.96 33.29														
Jan 3.82 2.88 5.00 8.58 26.83 28.11 Jan 1.70 3.80 6.80 9.35 19.04 34.69 Feb 8.48 15.38 11.92 11.78 17.68 12.69 19.26 13.91 11.71 19.82 25.51 30.73 25.51 30.73 32.61 33.61 32.61 33.61 33.61 35.68 31.90 34.66 37.98 34.66 37.98 34.66 37.98 34.66 37.98 34.66 37.98 34.66 37.98 34.66 37.98 34.66 37.98 34.66 37.98 34.66 37.98 34.66 37.98 34.66 37.98 34.66 37.98 34.66 37.98 34.66 37.98 34.66 37.98 34.66 37.98 34.66 37.98 34.66 37.98 36.47 34.66 37.98 34.66 37.98 36.47 34.66 37.98 36.47 34.66 37.98 36.47 34.96 33.29	DC A/T 2E	II T_1	I T_2	I T_2	I T_4	1 T_E	I T_6	DC A/T 7F	I T_1	I T_2	I T_2	I T_4	I T_E	1 T_C
Feb 8.48 15.38 11.92 11.78 17.68 25.93 Feb 9.08 17.13 22.41 19.38 25.13 30.73 Mar 9.75 11.79 10.78 11.85 12.78 11.71 Mar 18.89 29.88 33.39 31.88 35.68 31.90 Apr 13.91 12.36 13.08 11.75 13.13 15.45 Apr 19.89 26.56 30.56 33.57 34.66 37.96 May 19.23 27.07 27.05 26.29 24.80 20.35 May 25.42 29.29 31.01 33.22 32.76 36.47 Jun 16.31 27.32 34.06 32.46 28.53 32.62 Jul 13.04 17.28 24.28 24.79 29.36 33.40 Aug 19.29 37.99 36.68 33.06 28.63 30.37 20.11 13.04 17.72 27.30 28.24 24.29 29.11 32.77 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>														
Mar 9.75 11.79 10.78 11.85 12.28 11.71 Mar 18.89 29.88 33.39 31.88 35.68 31.90 Apr 19.23 27.07 27.05 28.29 24.80 20.35 May 25.42 29.29 31.01 33.22 32.27 33.67 36.54 Jun 24.05 23.89 30.64 29.89 32.80 Jun 15.86 29.66 36.35 36.54 Jul 16.31 27.32 34.06 32.46 28.53 32.62 Jul 11.30.4 17.28 24.28 29.29 31.01 33.22 32.7 35.54 36.54 Aug 19.29 37.99 36.68 33.06 28.63 30.37 Aug 12.77 27.30 28.24 29.36 33.07 Sep 11.99 27.84 32.94 32.06 30.39 26.63 30.57 Sep 13.98 25.61 31.37 37.11 34.48 42.35 <														
Apr 13.91 12.36 13.08 11.75 13.13 15.45 Apr 19.89 26.56 30.57 33.57 34.66 37.96 May 19.23 27.07 27.05 26.29 24.80 20.35 May 25.42 29.29 31.01 33.22 32.76 36.47 Jun 16.31 27.32 34.06 32.46 28.53 32.62 Jul 15.86 29.66 34.96 33.57 34.66 37.96 Aug 19.29 37.99 36.88 33.06 28.63 30.37 Jul 13.04 17.28 24.28 24.79 29.36 33.40 Sep 11.99 27.84 32.94 32.05 30.39 26.93 Sep 13.98 25.61 34.13 37.11 34.48 42.30 Oct 7.42 25.47 28.35 30.99 31.37 29.07 Oct 9.07 21.65 34.13 37.11 34.48 42.30 Nov														
May 19.23 27.07 27.05 26.29 24.80 20.35 May 25.42 29.29 31.01 33.22 32.76 36.47 Jun 15.68 29.69 33.99 36.81 32.80 Jun 15.86 29.66 33.96 38.35 37.95 35.55 Jul 16.31 27.32 34.06 32.46 28.53 32.62 Jul 13.04 17.28 24.28 24.79 29.36 33.40 Sep 11.99 27.84 32.94 32.09 30.39 26.63 30.57 Aug 12.77 27.30 28.24 33.27 35.15 40.54 Oct 7.42 25.47 28.35 30.99 31.37 29.07 Oct 9.07 21.65 30.81 37.35 38.10 40.04 Nov 6.45 15.20 31.21 30.73 31.30 30.32 Nov 9.67 14.53 21.38 30.90 38.37 40.04														
Jun 24.05 23.89 30.64 29.73 32.89 32.80 Jun 15.86 29.66 34.96 38.35 37.95 36.54 Jul 16.31 27.32 34.06 28.63 32.62 Jul 13.04 17.28 24.28 24.79 29.36 33.40 Aug 19.29 37.99 36.68 33.06 28.63 30.37 Aug 12.77 27.30 28.24 33.27 35.15 40.54 Sep 11.99 27.84 32.94 32.05 30.39 26.93 Sep 13.98 25.61 34.13 37.11 34.48 42.30 Oct 7.42 25.47 28.35 30.99 31.37 29.07 Oct 9.07 21.65 30.81 37.35 38.10 40.04 Nov 6.45 15.20 31.21 30.73 30.32 Nov 9.67 14.53 21.38 32.96 38.07 44.74														
Jul 16:31 27:32 34:06 32:46 28:53 32:62 Jul 13:04 17:28 24:28 24:79 29:36 33:40 Aug 19:29 37:99 36:88 33:06 28:63 30:37 Aug 12:77 27:30 28:24 33:27 35:15 40:58 Sep 11:99 27:84 32:94 32:05 30:39 26:33 Sep 13:98 25:61 34:13 37:11 34:48 42:30 Oct 7:42 25:47 28:35 30:99 31:37 29:07 Oct 9:07 21:65 30:81 37:35 38:10 40:04 Nov 6:45 15:20 31:21 30:73 31:30 30:32 Nov 9:67 14:53 21:38 32:96 38:07 44:74														
Aug 19.29 37.99 36.68 33.06 28.63 30.37 Aug 12.77 27.30 28.24 33.27 35.15 40.54 Sep 11.99 27.84 32.94 32.05 30.39 26.93 Sep 13.98 25.61 34.13 37.11 34.48 42.30 Oct 7.42 25.47 28.35 30.99 31.37 29.07 Oct 9.07 21.65 30.81 37.35 38.10 40.04 Nov 6.45 15.20 31.21 30.73 31.30 30.32 Nov 9.67 14.53 21.38 32.96 38.07 44.74														
Sep 11.99 27.84 32.94 32.05 30.39 26.93 Sep 13.98 25.61 34.13 37.11 34.48 42.30 Oct 7.42 25.47 28.35 30.99 31.37 29.07 Oct 9.07 21.65 30.81 37.35 38.10 40.04 Nov 6.45 15.20 31.21 30.73 31.30 30.32 Nov 9.67 14.53 21.38 32.96 38.07 44.74														
Oct 7.42 25.47 28.35 30.99 31.37 29.07 Oct 9.07 21.65 30.81 37.35 38.10 40.04 Nov 6.45 15.20 31.21 30.73 31.30 30.32 Nov 9.67 14.53 21.38 32.96 38.07 44.74	Aug							Aug						
Oct 7.42 25.47 28.35 30.99 31.37 29.07 Oct 9.07 21.65 30.81 37.35 38.10 40.04 Nov 6.45 15.20 31.21 30.73 31.30 30.32 Nov 9.67 14.53 21.38 32.96 38.07 44.74	Sep	11.99	27.84	32.94	32.05	30.39	26.93	Sep	13.98	25.61	34.13	37.11	34.48	42.30
Nov 6.45 15.20 31.21 30.73 31.30 30.32 Nov 9.67 14.53 21.38 32.96 38.07 44.74		7.42	25.47	28.35	30.99	31.37			9.07	21.65	30.81	37.35	38.10	40.04
					30.73	31.30								

Table 6: Skill scores in the Yellow River

Hydrol. Earth Syst. Sci. Discuss., doi:10.5194/hess-2016-521, 2016 Manuscript under review for journal Hydrol. Earth Syst. Sci. Published: 24 October 2016 © Author(s) 2016. CC-BY 3.0 License.





Feb	Tre4	0.2020 0.2020 0.01858 0.021273 0.04670 0.4670 0.4670 0.04670 0.0000 0.14063 0.0000 0.14963 0.016063 0.016063 0.0000 	LT=6 -0.2452 -0.0595 -0.0595 -0.0595 -0.0738 -0.3577 -0.0316 -0.1014 -0.0955 -0.0652 -0.0829 -0.0829 -0.0829 -0.0829 -0.0820 -0.0825 -0.0825 -0.0825 -0.0825 -0.0825 -0.0825 -0.0826 -0.0820 -0.0810 -0.0810 -0.0810
Feb	1833 - 0.0481 1977 - 0.1081 1977 - 0.1081 1977 - 0.1081 1977 - 0.0041 1977 - 0.0041 1977 - 0.0041 1977 - 0.0041 1978 1978 1978 1978 1978 1978 1978 197	0.2020 0.2020 0.01858 0.021273 0.04670 0.4670 0.4670 0.04670 0.0000 0.14063 0.0000 0.14963 0.016063 0.016063 0.0000 	0.0595 0.1675 0.0738 0.0357 0.0316 0.1014 0.0955 0.0052 0.0829 0.0829 0.0829 0.0918 0.1027 0.0918 0.1027 0.0918 0.1027 0.0918 0.0906 0.
Mar	10177	-0.01858 -0.1254 -0.0021 -0.01254 -0.01254 -0.01457 -0.0577 -0.0577	0.1675 0.0738 -0.3577 0.0316 0.1014 -0.0956 0.0052 -0.0829 -0.0918 -0.1027 LT=6 0.0191 -0.0606 -0.3538 0.1669 -0.3029 -0.2041 -0.0561 0.0777 0.0825 -0.0615
Apr	5452	0.2127 0.2127 0.08481 0.4670 0.4670 0.4670 0.1638 0.1083 0.1093 	0.0738 -0.3577 -0.0316 -0.1014 -0.0955 -0.0052 -0.0829 -0.0918 -0.1027 -0.0806 -0.3629 -0.3629 -0.3629 -0.0818 -0.1026 -0.1026 -0.1026 -0.1026 -0.1026 -0.1026 -0.1026 -0.1026 -0.1026 -0.1026 -0.1026 -0.1026 -0.1026 -0.1026 -0.1026 -0.1026 -0.1026 -0.0061
May	3913] - 0.403339 3913] - 0.403339 378 - 0.009339 3851 - 0.155320 - 0.0993 2717 - 0.2444 3852 - 0.1552 3737 - 0.244 3873 - 0.150	U-0.8458 0.00481 0.00481 0.00481 0.00481 0.00481 0.00000 0.00000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.00000 0.00000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.000	-0.3577 -0.3516 -0.0316 -0.0056 -0.0052 -0.0829 -0.0918 -0.1027 -0.0056 -0.0518 -0.1027 -0.0056 -0.0518 -0.0056 -0.0056 -0.0056 -0.0056 -0.0056 -0.0056 -0.0056 -0.0056 -0.0056 -0.0056
May	1378 - 0.0099 3651 0.1555 520 - 0.0999 1217 - 0.2441 1804 - 0.097 1552 0.192 1473 0.1500 1473 0.1500 1474 0.1565 1574 0.2555 1574 0.2555 1574 0.1500	0.46701	0.0316 0.1014 -0.0955 -0.0052 -0.0829 -0.0918 -0.1027 -0.0918 -0.1027 -0.0918 -0.09
Jun	1378 - 0.0099 3651 0.1555 520 - 0.0999 1217 - 0.2441 1804 - 0.097 1552 0.192 1473 0.1500 1473 0.1500 1474 0.1565 1574 0.2555 1574 0.2555 1574 0.1500	Union (1975) (19	0.0316 0.1014 -0.0955 -0.0052 -0.0829 -0.0918 -0.1027 -0.0918 -0.1027 -0.0918 -0.09
Aug 0.1660 0.1310 0.1820 0.2110 0.1540 0.2180 Sep 0.0959 0.1660 0.1660 0.2090 0.2190 0.1910 Oct 0.1650 0.1860 0.2990 0.2130 0.2060 0.2220 Nov 0.2920 0.1770 0.2710 0.2290 0.2130 0.2060 0.2220 Dec 0.1040 0.1020 0.1550 0.1520 0.2930 0.2140 Dec 0.1040 0.1020 0.1550 0.1520 0.2030 0.2040 BS-theo-75 LT=1 LT=2 LT=3 LT=4 LT=5 LT=6 Jan 0.0333 0.0348 0.1600 0.1420 0.1540 0.1540 Feb 0.0208 0.0124 0.0345 0.0932 0.1570 0.1400 Mar 0.1240 0.0368 0.0597 0.0735 0.0785 0.0884 Apr 0.1240 0.0905 0.0683 0.0893 0.0684 Apr 1	0.000 0.00000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.00000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.00000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.00000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.00000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.00000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.00000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000000 0.000000 0.000000 0.000000 0.000000 0.000000 0.000000 0.0000000 0.00000000	0.22618	-0.0955 -0.0052 -0.0052 -0.0829 -0.0918 -0.1027 -0.0191 -0.0650 -0.0353 -0.1669 -0.3638 -0.1629 -0.2041 -0.0561 -0.0615 -0.0615
Aug 0.1660 0.1310 0.1820 0.2110 0.1540 0.2180 Sep 0.0959 0.1680 0.1660 0.2090 0.2190 0.1910 Oct 0.1650 0.1670 0.2290 0.2130 0.2060 0.2220 Nov 0.2020 0.1770 0.1710 0.2290 0.2130 0.2060 0.2220 Dec 0.1040 0.1020 0.1550 0.1520 0.2930 0.2040 BS-theo-75 LT=1 LT=2 LT=3 LT=4 LT=5 LT=6 Jan 0.0333 0.0348 0.1600 0.1420 0.1540 0.1540 Feb 0.0208 0.0124 0.0345 0.0932 0.1570 0.1400 Mar 0.0457 0.0681 0.0579 0.0735 0.0785 0.0838 Apr 0.1240 0.0928 0.0895 0.0683 0.0892 0.0664 Apr -1.4701 0.0601 Jul 0.1440 0.1700 0.1850	0.000 0.00000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.00000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.00000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.00000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.00000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.00000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.00000 0.0000 0.000000 0.000000 0.000000 0.000000 0.0000000 0.0000000 0.00000000	0.22618	0.0052 -0.0829 -0.0829 -0.0918 -0.1027 -0.0191 -0.0666 -0.3536 -0.1669 -0.3029 -0.1429 -0.2041 -0.0154 -0.0561 -0.0615 -0.0615
Sep	1804	LT=5 0.1554 0.0973 LT=5 0.1493 0.0973 LT=5 0.1493 0.01838 0.01838 0.01447 0.01600 0.0266 0.0266 0.0363	-0.0829 -0.0918 -0.1027 LT=6 -0.0191 -0.0606 -0.3538 -0.1669 -0.3029 -0.1429 -0.0154 -0.0561 -0.0154 -0.0561 -0.1120 -0.1120 -0.1449 -0.0560 -0.0810
Oct 0.1650 0.1870 0.2290 0.2130 0.2060 0.2220 Oct 0.1033 0.0219 0.2140 Nov 3.2797 0.1132 Dec John 0.1040 0.1020 0.1550 0.1520 0.2390 0.2040 Dec -2.1231 -0.6346 -0 BS-theo-75 LT=1 LT=2 LT=3 LT=4 LT=6 LT=6 Dec -2.1231 -0.6346 -0 Feb 0.0208 0.0124 0.0345 0.0932 0.1570 0.1400 Feb -7.6307 1.3529 1. Mar 0.0457 0.0681 0.0579 0.0735 0.0781 0.0838 Mar 0.1092 -0.8760 -0 May 0.0826 0.0581 0.0597 0.0735 0.0782 0.0838 Apr +1.4701 0.6601 Mar +1.0661 -0.0793 0.04671 0.0931 0.04440 0.0492 0.0683 0.0893 0.0664 Apr +1.4701 0.0601 0.0440	0562 - 0.192 0 0473 - 0.150 0473 - 0.150 0473 - 0.150 04940 - 0.062 05377 - 0.640 0373 - 0.640 0373 - 0.640 0373 - 0.640 0374 - 0.056 0375 - 0.040 0386 - 0.032 0387 - 0.032 0388 - 0.032 0388 - 0.032 0388 - 0.032 0388 - 0.032 0388 - 0.032 0398 - 0.032 0	LT=5 -0.14963 -0.0973 LT=5 -0.14939 -0.14939 -0.10839 -0.8898 -0.0823 -0.1846 -0.0002 -0.1447 -0.01606 -0.0223 -0.1340 -0.1340 -0.1468 -0.1554 -0.0191 -0.0000 -0.0000 -0.0000 -0.0000 -0.00000 -0.00000 -0.00000 -0.00000 -0.00000 -0.00000 -0.00000 -0.00000000	-0.0918 -0.1027 LT=6 -0.0191 -0.0606 -0.3538 -0.1669 -0.329 -0.2041 -0.0561 -0.0777 -0.0825 -0.0615 LT=6 -0.1120 -0.1449 -0.0560 -0.0810
Scheo-75 LT=1 LT=2 LT=3 LT=4 LT=6 LT=	0473 0.150i LT=4 1940 0.0000 2403 0.062 2403 0.062 25317 0.6401 3610 -0.253 3611 -0.253 3610 -0.253 3610 -0.253 3610 -0.253 3610 -0.253 3610 -0.253 3610 -0.253 3610 -0.253 3610 -0.253 3610 -0.253 3610 -0.253 3610 -0.253 3610 -0.253 3610 -0.253 3610 -0.253 3600 -0.253 3600 -0.253	-0.0973 LT=5 -0.1493 -0.1493 -0.1083 -0.1083 -0.1083 -0.10447 -0.0160 -0.0206 -0.0206 -0.0206 -0.0208 -0.1187 -0.0000 -0.0448 -0.1554 -0.1089 -0.1089 -0.0615 -0.1089	-0.1027 LT=6 0.0191 -0.0606 -0.3538 0.1669 -0.3029 -0.1429 -0.0561 0.0777 0.0825 -0.0615 LT=6 0.1120 0.1449 0.0560 0.0810
Scheo-75 LT=1 LT=2 LT=3 LT=4 LT=6 LT=	0473 0.150i LT=4 1940 0.0000 2403 0.062 2403 0.062 25317 0.6401 3610 -0.253 3611 -0.253 3610 -0.253 3610 -0.253 3610 -0.253 3610 -0.253 3610 -0.253 3610 -0.253 3610 -0.253 3610 -0.253 3610 -0.253 3610 -0.253 3610 -0.253 3610 -0.253 3610 -0.253 3610 -0.253 3600 -0.253 3600 -0.253	-0.0973 LT=5 -0.1493 -0.1493 -0.1083 -0.1083 -0.1083 -0.10447 -0.0160 -0.0206 -0.0206 -0.0206 -0.0208 -0.1187 -0.0000 -0.0448 -0.1554 -0.1089 -0.1089 -0.0615 -0.1089	-0.1027 LT=6 0.0191 -0.0606 -0.3538 0.1669 -0.3029 -0.1429 -0.0561 0.0777 0.0825 -0.0615 LT=6 0.1120 0.1449 0.0560 0.0810
BS-theo-75 LT=1 LT=2 LT=3 LT=4 LT=6 LT=6 LT=6 LT=6 LT=1 LT=2 LT=3 LT=1 LT=2 LT=3 LT=4 LT=5 LT=6 L	LT=4 1940 - 0.00002 2403 - 0.062 2403 - 0.062 2403 - 0.062 2403 - 0.062 2403 - 0.062 2403 - 0.062 2403 - 0.062 2403 - 0.062 2404 - 0.166 247 - 0.166 247 - 0.166 248 - 0.176 248 - 0.176 248 - 0.043 258 - 0.063 2	LT=5 -0.1493 -0.1493 -0.3193 -0.08898 -0.08898 -0.0447 -0.14477 -0.1544 -0.0408 -0.0508 -0.0508 -0.1544 -0.0508 -0.1545 -0.0091 -0.1554 -0.0091 -0.10898 -0.10898 -0.10898 -0.10898 -0.10898	LT=6 0.0191 -0.0606 -0.3538 0.1669 -0.3029 -0.1429 -0.2041 -0.0154 -0.0561 0.077 0.0825 -0.0615 -0.1120 0.1449 0.0560 0.0860
Jan	1940 0.000042 2403 0.662 25317 -0.6401 7379 -0.253 3361 -0.253 3361 -0.253 3361 -0.253 3447 0.166 9063 0.032 2048 0.176 1881 -0.056 1111 0.176 1111 0.176 11117 -0.066 10.078 33007 -0.035 3307 -0.035 15509 -0.043	-0.1493 -0.3193 -0.3193 -0.3193 -0.8898 -0.1447 -0.0160 -0.02066 -0.0326 -0.1340 -0.1340 -0.1340 -0.1340 -0.1554 -0.0091 -0.0091 -0.0091 -0.0091 -0.0091 -0.0091 -0.0091 -0.0091 -0.0091 -0.0091 -0.0091 -0.0091 -0.0091 -0.0091	0.0191 -0.0606 -0.3538 0.1669 -0.3029 0.1429 -0.2041 -0.0154 -0.0861 0.0777 0.0825 -0.0615 LT=6 0.1120 0.1449 0.0560 0.0810
Jan	2403 0.062-2 5317 -0.6401 7379 -0.253 3361 -0.205 3361 -0.205 3447 0.166 3659 0.005 2048 0.176 1111 0.176 LT=4 2860 -0.043 2009 0.066 2009 0.066 2009 0.078	-0.3193 -0.10838 -0.10838 -0.10838 -0.10838 -0.1447 -0.0160 -0.02066 -0.02066 -0.02066 -0.0323 -0.1340 -0.1340 -0.0000 -0.0448 -0.0001 -0.1554 -0.0091 -0.1089 -0.1089 -0.1089 -0.1089 -0.1089	-0.0606 -0.3538 0.1669 -0.3029 0.1429 -0.2041 -0.0561 -0.0777 0.0825 -0.0615 LT=6 0.1120 0.1449 0.0560 0.0810
Mar 0.0457 0.081 0.0579 0.0735 0.0778 0.0838 Mar 0.1020 0.0870 0.08780 0.0821 0.0838 0.0892 0.0838 0.0861	5317 -0.64007 77379 -0.2533 3961 -0.2057 9063 -0.2533 1061 -0.2057 1061 -0.509 1061 -0.0509 1061 -0.0509 1061 -0.0509 1061 -0.0509 1061 -0.0509 1061 -0.0509 1061 -0.0509 1061 -0.0509 1061 -0.0509 1061 -0.0509 1060 -0.043	-0.10838 -0.8898 -0.01447 -0.1447 -0.1050 -0.0206 -0.0206 -0.0108 -0.1344 -0.1089 -0.1	-0.3538 0.1669 -0.3029 -0.2041 -0.0154 -0.0561 0.0777 0.0825 -0.0615 LT=6 0.1120 0.1449 0.0560 0.0810
Apr 0.1240 0.0928 0.0895 0.0683 0.0892 0.0664 Apr 1.4701 0.6601 -0.980 May 0.0826 0.1360 0.1600 0.1940 0.1820 0.2280 May 0.4671 0.2033 0 Jun 0.1440 0.1720 0.1770 0.1550 0.1505 0.1740 Jun -0.9073 0.0115 0 Aug 0.1530 0.2200 0.1800 0.1800 0.1900 0.1	7379 -0.253; 3361 -0.2053; 3361 -0.2054; 40447 0.166; 9963 0.032; 1061 -0.056; 3559 0.005; 2048 0.176; 1111 0.176; LT=4 0860 -0.043; 0097 0.066; 111137 -0.04; 03660 0.078; 03007 -0.135; 1509 -0.185;	-0.8898 -0.1447 -0.0160 -0.0206 -0.03206 -0.1340 -0.1340 -0.1089 -0.1554 -0.0091 -0.1089 -0.1394	0.1669 -0.3029 0.1429 -0.2041 -0.0154 -0.0561 0.0777 0.0825 -0.0615 LT=6 0.1120 0.1449 0.0560 0.0810
Apr 0.1240 0.0928 0.0895 0.0683 0.0892 0.0664 Apr 1.4701 0.6601 -0.980 May 0.0826 0.1360 0.1600 0.1940 0.1820 0.2280 May 0.4671 0.2033 0 Jun 0.1440 0.1720 0.1770 0.1550 0.1505 0.1740 Jun -0.9073 0.0115 0 Aug 0.1530 0.2200 0.1800 0.1800 0.1900 0.1	7379 -0.253; 3361 -0.2053; 3361 -0.2054; 40447 0.166; 9963 0.032; 1061 -0.056; 3559 0.005; 2048 0.176; 1111 0.176; LT=4 0860 -0.043; 0097 0.066; 111137 -0.04; 03660 0.078; 03007 -0.135; 1509 -0.185;	-0.8898 -0.1447 -0.0160 -0.0206 -0.03206 -0.1340 -0.1340 -0.1089 -0.1554 -0.0091 -0.1089 -0.1394	0.1669 -0.3029 -0.1429 -0.2041 -0.0561 -0.0777 0.0825 -0.0615 LT=6 0.1120 0.1449 0.0560 0.0810
May 0.0826 0.1360 0.1600 0.1940 0.1820 0.2280 Jun 0.1440 0.1720 0.1710 0.1550 0.1650 0.1740 Jun 0.1490 0.1720 0.1710 0.1550 0.1850 0.1740 Jul 0.1090 0.1240 0.2050 0.1810 0.1900 0.2380 Aug 0.1530 0.2010 0.1600 0.2080 0.1800 0.1980 Aug 0.1530 0.2010 0.1600 0.2080 0.1800 0.2070 Sep 0.1900 0.1840 0.2200 0.2000 0.2070 Sep -0.6814 -0.1071 -0.0 Nov 0.0402 0.1950 0.1640 0.2070 0.1940 0.1780 Nov 0.4470 0.0209 0 Dec 0.0713 0.1390 0.2000 0.1940 0.1780 Nov 0.4470 0.0209 0 BS-act-25 LT=1 LT=2 LT=3 LT=4 LT=5 LT=6 <td>0361 -0.2056 0447 0.166 0447 0.166 0447 0.166 0467 0.166 0467 0.166 0467 0.050 0468 0.050 0468 0.766 047 0.050 047 0</td> <td>-0.1447 0.0160 0.0206 0.0323 -0.1340 0.1187 0.0000 0.0448 LT=5 0.1554 0.1089 0.1089 0.0015 -0.1394</td> <td>-0.3029 0.1429 -0.2041 -0.0154 -0.0561 0.0777 0.0825 -0.0615 LT=6 0.1120 0.0560 0.0810</td>	0361 -0.2056 0447 0.166 0447 0.166 0447 0.166 0467 0.166 0467 0.166 0467 0.050 0468 0.050 0468 0.766 047 0.050 047 0	-0.1447 0.0160 0.0206 0.0323 -0.1340 0.1187 0.0000 0.0448 LT=5 0.1554 0.1089 0.1089 0.0015 -0.1394	-0.3029 0.1429 -0.2041 -0.0154 -0.0561 0.0777 0.0825 -0.0615 LT=6 0.1120 0.0560 0.0810
Jun	0.447 0.1667 0.963 0.032 0.032 0.032 0.03559 0.005 0.048 0.1767 0.1767 0.1767 0.1767 0.1767 0.0047	0.0160 0.0206 0.0323 0.0323 0.01340 0.1187 0.0000 0.0448 LT=5 0.1554 -0.0091 0.0189 0.0615 -0.1394	0.1429 -0.2041 -0.0154 -0.0561 0.0777 0.0825 -0.0615 LT=6 0.1120 0.1449 0.0560 0.0810
Dec	0963 0.032 1061 -0.050 3559 0.005: 2048 0.176: 1881 -0.056 1111 0.176: LT=4 0860 -0.043: 0097 0.666: 1137 -0.004: 0660 0.078: 03007 -0.138:	0.0206 0.0323 0.1340 0.1187 0.0000 0.0048 LT=5 0.1554 -0.0091 0.1089 0.0615 -0.1394	-0.2041 -0.0154 -0.0561 0.0777 -0.0825 -0.0615 LT=6 0.1120 0.1449 0.0560 0.0810
Aug 0.1530 0.2010 0.1600 0.2080 0.1800 0.1980 Aug -0.4571 0.2988 1.0288 0.200 0.2070 2.070 2.070 2.070 2.070 2.070 2.070 2.070 2.070 2.070 2.070 2.070 2.071 2.071 2.071 2.071 2.071 2.070 2.071	1061 -0.0503 10559 0.005: 10589 0.005: 1059 0.005: 1111 0.176: 1111 0.176: 1111 0.004: 1117 -0.004: 1137 -0.004: 1137 -0.004: 1137 -0.004: 11509 -0.188	0.0323 3 -0.1340 0.1187 0.0000 2 0.0448 LT=5 0.1554 -0.0091 0.1089 0.0615 -0.1394	-0.0154 -0.0561 0.0777 0.0825 -0.0615 LT=6 0.1120 0.1449 0.0560 0.0810
Sep	3559 0.005; 2048 0.176; 1881 -0.056; 11111 0.176; LT=4 3860 -0.043; 30097 0.066; 11137 -0.004; 00660 0.078; 30307 -0.1356; 1509 -0.188i	LT=5 0.1554 0.0091 0.0091 0.0448 LT=5 0.1554 0.1089 0.0615 0.01394	-0.0561 0.0777 0.0825 -0.0615 LT=6 0.1120 0.1449 0.0560 0.0810
Oct 0.1420 0.2080 0.1980 0.1820 0.1330 0.1900 Nov 0.0402 0.1950 0.1640 0.2070 0.1820 0.1780 Dec 0.0713 0.1390 0.2000 0.1590 0.1920 0.2070 BS-act-25 LT=1 LT=2 LT=3 LT=4 LT=6 LT=6 LT=6 LT=1 LT=2 LT=2 LT=3 LT=6 LT=6 LT=6 LT=1 LT=2 LT=2 LT=2 LT=4 LT=6 LT=6 LT=1 LT=2 LT=2 LT=2 LT=4 LT=6 LT=6 LT=1 LT=2 LT=2 LT=2 LT=3 LT=4 LT=6 LT=6 LT=1 LT=2	2048 0.1763 1881 -0.056 1111 0.1763 LT=4 0860 -0.043 0097 0.066 1137 -0.004 0660 0.0783 0307 -0.1356 1509 -0.1886	UT=5 0.0091 0.1187 0.0000 0.0448 UT=5 0.1554 0.1089 0.0615 0.0615	0.0777 0.0825 -0.0615 LT=6 0.1120 0.1449 0.0560 0.0810
Nov	LT=4 0860 -0.043 0097 0.066 1113 -0.0043 0097 -0.0043 0307 -0.135 0307 -0.135 0509 -0.188	0.0000 0.0448 LT=5 0.1554 2 -0.0091 0.1089 0.0615 3 -0.1394	0.0825 -0.0615 LT=6 0.1120 0.1449 0.0560 0.0810
Dec 0.0713 0.1390 0.2000 0.1590 0.1920 0.2070 Dec 2.6564 0.2087 -0.0087	LT=4 0.860 -0.043 0.097 0.066 1137 -0.0043 0.060 0.078 0.307 -0.1356 1509 -0.1886	LT=5 0.1554 2 -0.0091 3 0.1089 6 0.0615 6 -0.1394	-0.0615 LT=6 0.1120 0.1449 0.0560 0.0810
BS-act-25 LT=1 LT=2 LT=3 LT=4 LT=5 LT=6 Jan 0.4680 0.4940 0.5180 0.5080 0.4130 0.4440 Feb 0.5010 0.5010 0.5210 0.5080 0.4130 0.4440 Mar 0.5160 0.4430 0.4210 0.4710 0.4830 0.5580 0.4780 Mar 0.5160 0.4430 0.4210 0.4710 0.4830 0.5230 Mar -0.1467 0.0574 0.0574 Apr 0.5870 0.3970 0.4380 0.4690 0.4120 0.4540 May 0.5770 0.4540 0.4380 0.4690 0.4120 0.4540 Jun 0.3860 0.4090 0.4010 0.4270 0.4710 0.4830 0.4980 Jul 0.5250 0.4100 0.4010 0.4270 0.4710 0.4830 0.4980 Jul 0.5250 0.4100 0.4010 0.4010 0.3420 0.3640 0.3800 Jul 0.5250 0.4100 0.4010 0.3900 0.4890 0.4890 0.4890 Jul 0.5250 0.4100 0.4010 0.4010 0.3420 0.3640 0.3490 Jul 0.5250 0.4150 0.4010 0.4010 0.3900 0.3200 0.33970 Aug 0.5200 0.4550 0.4210 0.3900 0.3200 0.33970 Aug 0.5200 0.4450 0.4280 0.3900 0.3200 0.33970 Aug 0.5200 0.4450 0.4280 0.3900 0.3200 0.33970 Aug 0.5200 0.4550 0.4210 0.3900 0.3000 0.3500 0.3000 0.3200 Oct 0.5560 0.4560 0.4880 0.3860 0.3860 0.3620 Oct 0.5560 0.4560 0.4880 0.3860 0.3860 0.3630 Nov -0.9031 9.02584	LT=4 0860 -0.043 0097 0.066 1137 -0.004 0660 0.078 0307 -0.135 1509 -0.188	LT=5 0.1554 2 -0.0091 3 0.1089 6 0.0615 6 -0.1394	LT=6 0.1120 0.1449 0.0560 0.0810
Jan	0860 -0.043 0097 0.066 1137 -0.004 0660 0.078 0307 -0.135 1509 -0.188	0.1554 2 -0.0091 3 0.1089 3 0.0615 6 -0.1394	0.1120 0.1449 0.0560 0.0810
Jan	0860 -0.043 0097 0.066 1137 -0.004 0660 0.078 0307 -0.135 1509 -0.188	0.1554 2 -0.0091 3 0.1089 3 0.0615 6 -0.1394	0.1120 0.1449 0.0560 0.0810
Feb 0.5010 0.5100 0.5210 0.5080 0.5560 0.4780 Feb 0.0618 -0.0079 -0 Mar 0.5160 0.4430 0.4210 0.4710 0.4830 0.5230 Mar -0.1467 0.0574 0.0574 Apr 0.5570 0.3970 0.4300 0.4090 0.4420 0.4540 Apr -0.3279 0.0377 -0.0377 0.04540 Apr -0.3279 0.0377 -0.0295	0097 0.0662 1137 -0.0043 0660 0.0784 0307 -0.1354 1509 -0.1884	-0.0091 0.1089 0.0615 -0.1394	0.1449 0.0560 0.0810
Mar 0.5160 0.4430 0.4210 0.4710 0.4830 0.5230 Mar -0.1467 0.0574 0.0574 Apr 0.5670 0.3970 0.4380 0.4990 0.4120 0.4540 Apr -0.3229 0.3377 0.3377 0.0377 0.0377 0.0377 0.0377 0.0377 0.0377 0.0377 0.0377 0.0377 0.0077 <t< td=""><td>1137 -0.0043 0660 0.078 0307 -0.135 1509 -0.188</td><td>0.1089 0.0615 -0.1394</td><td>0.0560 0.0810</td></t<>	1137 -0.0043 0660 0.078 0307 -0.135 1509 -0.188	0.1089 0.0615 -0.1394	0.0560 0.0810
Apr 0.5870 0.3970 0.4380 0.4090 0.4120 0.4540 Apr -0.3279 0.0317 -0 May 0.5770 0.4540 0.4360 0.4690 0.4690 0.4090 May -0.2794 -0.0295 -0 Jun 0.3860 0.4010 0.4270 0.4170 0.4370 0.4480 Jun 0.1852 -0.0683 -0 Jul 0.5250 0.4100 0.4010 0.3420 0.3400 0.3430 Jul -0.1218 0.0049 -0 Aug 0.5200 0.4550 0.4210 0.3900 0.3200 0.3970 Aug -0.078 -0.1490 -0 Sep 0.5230 0.4430 0.3930 0.3630 0.4040 0.2910 Sep 0.0132 0.0023 -0 Oct 0.5560 0.4560 0.4600 0.3860 0.3600 0.3630 Oct -0.0923 0.0420 0 Nov -0.5020 0.5260 0.5260 0.3920	0660 0.0788 0307 -0.1356 1509 -0.188	0.0615 -0.1394	0.0810
May 0.5770 0.4540 0.4360 0.4690 0.4690 0.4660 0.4090 Jun 0.3860 0.4010 0.4270 0.4170 0.470 0.4170 0.4010	0307 -0.1350 1509 -0.1880	-0.1394	
Jun 0.3960 0.4010 0.4270 0.4170 0.4370 0.4480 Jun 0.1852 -0.0683 -0 Jul 0.5250 0.4100 0.0410 0.3420 0.3840 0.3430 Jul -0.1218 0.0049 -0 Aug 0.5200 0.4550 0.4210 0.3900 0.3970 Aug -0.078 0.1490 -0 Sep 0.5230 0.4430 0.3930 0.3630 0.4040 0.2910 Sep 0.0132 0.0023 -0 Oct 0.5560 0.4560 0.4680 0.3860 0.3600 0.3630 Oct -0.0923 0.0420 Nov 0.5020 0.5260 0.3560 0.3660 0.3630 Nov -0.0819 -0.0819 -0.0823	1509 -0.1880		
Jul 0.5250 0.4100 0.4010 0.3420 0.3420 0.3430 Jul -0.1218 0.0049 -0 Aug 0.5200 0.4550 0.4210 0.3900 0.3200 0.3970 Aug -0.0076 -0.1490 -0 Sep 0.5230 0.4430 0.3930 0.3630 0.4040 0.2910 Sep 0.0132 0.0023 -0 Oct 0.5560 0.4560 0.4080 0.3860 0.3600 0.3520 Oct -0.0273 0.0420 0 Nov -0.5020 0.5260 0.3920 0.3660 0.3680 0.3630 Nov -0.0819 0.2584 0			
Aug 0.5200 0.4550 0.4210 0.3900 0.3200 0.3970 Aug -0.078 -0.1490 -0 Sep 0.5230 0.4430 0.3930 0.3630 0.4040 0.2910 Sep 0.0132 0.0023 -0 Oct 0.5560 0.4560 0.4080 0.3860 0.3600 0.3520 Oct -0.0923 0.0420 0 Nov 0.5020 0.5260 0.3920 0.3660 0.3660 0.3630 Nov -0.0819 -0.0819 -0.0819 -0.02544		-0.2275	-0.2800
Sep 0.5230 0.4430 0.3930 0.3630 0.4040 0.2910 Sep 0.0132 0.0023 -0 Oct 0.5560 0.4560 0.4080 0.3600 0.3620 Oct -0.0923 0.0420 0 Nov 0.5020 0.5260 0.3920 0.3660 0.3630 Nov -0.0819 -0.0819 -0.02584	1457 -0.0029	-0.0866	-0.0208 -0.1711
Oct 0.5560 0.4560 0.4080 0.3860 0.3600 0.3520 Oct -0.0923 0.0420 0 Nov 0.5020 0.5260 0.3920 0.3660 0.3860 0.3630 Nov -0.0819 -0.2584 0		0.0001	0.1711
Nov 0.5020 0.5260 0.3920 0.3660 0.3860 0.3630 Nov -0.0819 -0.2584 0	0.0242		0.1686
	0355 -0.018		0.1394
	0.0850		-0.0111
	0.000	0.0369	0.0334
	F = .	D = -	
BS-act-75 LT=1 LT=2 LT=3 LT=4 LT=5 LT=6 BSS-act-75 LT=1 LT=2 LT=3	LT=4	LT=5	LT=6
	1018 0.0440		-0.0560
Feb 0.3150 0.3090 0.2950 0.3160 0.3290 0.2870 Feb 0.0426 0.0693 0	0605 -0.019		0.0712
	0939 -0.016		0.0377
	0029 -0.063	0.1988	-0.0356
	0890 -0.2203	-0.1549	-0.1161
	0737 -0.0964		-0.1531
	1186 0.090		-0.1531
	2524 -0.4000		0.0400
Sep 0.3350 0.2210 0.2340 0.2500 0.2200 0.1950 Sep -0.1632 0.0349 -0	2000 -0.2370		0.0152
	1261 -0.0874		-0.1602
	1198 -0.041	-0.1214	-0.0524
	0.000	-0.1659	-0.2794
BS-A/T-25 LT=1 LT=2 LT=3 LT=4 LT=5 LT=6 BS-A/T-75 LT=1 LT=2 LT=3	LT=4	LT=5	LT=6
	0.96 59.4	61.35	62.86
	1.69 29.49		48.78
	6.04 23.3	23.94	27.39
	6.32 19.3		20.75
	2.26 67.3		91.20
	5.07 71.70		72.20
	4.47 100.00		104.42
	0.84 72.4		103.13
	2.56 75.60		106.15
	/ 0.01	75.98	79.50
	6 45 81 2		80.54
	0.10 O1.E		
Lieu 20.21 19.50 50.51 50.05 40.50 54.20 Lieu 26.31 52.26	6.45 81.25 7.00 91.55 9.29 68.5		79.31

Table 7: Skill scores in the Mekong

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BS-theo-25	LT=1	LT=2	LT=3	LT=4	LT=5	LT=6	BSS-theo-25	LT=1	LT=2	LT=3	LT=4	LT=5	LT=6
Jan	0.0275	0.0356	0.0356	0.0416	0.0333	0.0977	Jan	-1.6077	-0.0883	-0.4326	0.1215	0.1102	-0.2452
Feb	0.0026	0.0000	0.0046	0.0011	0.0083	0.0305	Feb	-0.2982	0.1427	-0.0833	-0.0489	0.2020	0.0595
Mar	0.0333	0.0180	0.0017	0.0154	0.0029	0.0174	Mar	-0.5214	-0.2241	0.0177	-0.1082	-0.0185	0.1675
Apr	0.0854	0.1010	0.1250	0.1280	0.1600	0.0983	Apr	-0.5459	-0.0565	-0.5452	-0.6766	-0.2127	0.0738
May	0.1090	0.1420	0.1550	0.1770	0.1580	0.1210	May	-0.5000	-0.0462	-0.3913	-0.4032	-0.0845	-0.3577
Jun	0.0912	0.1160	0.1380	0.1100	0.0960	0.1440	Jun	-0.4841	-0.1061	0.1378	-0.0098	0.4670	0.0316
Jul	0.0419	0.1290	0.1280	0.1310	0.1220	0.1100	Jul	0.1577	-0.4255	-0.3651	0.1550	0.0481	0.1014
Aug	0.0862	0.0937	0.1210	0.1070	0.1350	0.1690	Aug	-0.4821	0.2012	-0.0520	-0.0990	0.2261	-0.0955
Sep	0.0355	0.0851	0.1010	0.1800	0.1420	0.1840	Sep	-1.6713	-0.6460	-0.2117	-0.2440	-0.1838	0.0052
Oct	0.0237	0.0259	0.0893	0.1200	0.1890	0.1880	Oct	0.1033	-0.0219	-0.1804	-0.0979	0.0000	-0.0829
Nov	0.0176	0.0028	0.0256	0.0835	0.1230	0.1870	Nov	-3.2797	-0.1132	0.0552	-0.1927	-0.1406	-0.0918
Dec	0.0000	0.0000	0.0025	0.0256	0.0769	0.1310	Dec	-2.1231	-0.6346	-0.0473	0.1508	-0.0973	-0.1027
BS-theo-75	LT=1	I T=2	LT=3	I T=4	LT=5	LT=6	BSS-theo-75	LT=1	IT≡2	LT=3	I T=4	LT=5	LT=6
Jan	0.0333	0.0348	0.1600	0.1420	0.1540	0.1540	Jan	0.2165	0.2912	-0.1940	0.0000	-0.1493	0.0191
Feb	0.0333	0.0346	0.1600	0.1420	0.1540	0.1540	Feb	-7.6307	-1.3529	-1.2403	0.0624	-0.1493	-0.0606
Mar	0.0208	0.0681	0.0579	0.0932	0.1370	0.0838	Mar	0.1092	-0.8760	-0.5317	-0.6406	-0.3193	-0.3538
	0.0457	0.0928	0.0579	0.0683	0.0778			-1.4701			-0.0406	-0.1083	
Apr May	0.1240	0.0928	0.0695	0.0663	0.0892	0.0664	Apr Mav	0.4671	-0.6601 0.2093	-0.7379 0.0361	-0.2050	-0.0090	0.1669 -0.3029
Jun	0.0820	0.1720	0.1000	0.1550	0.1850	0.1740	Jun	-0.9073	0.2093	0.0301	0.1667	0.0160	0.1429
Jul	0.1090	0.1720	0.2050	0.1330	0.1900	0.1740	Jul	-1.4661	-0.1071	-0.0963	0.0321	0.0206	-0.2041
Aug	0.1530	0.2010	0.1600	0.1010	0.1800	0.1980	Aug	-0.4571	-0.2968	0.1061	-0.0505	0.0323	-0.2041
Sep	0.1900	0.1840	0.2400	0.1890	0.1000	0.1300	Sep	-0.6814	-0.1018	-0.3559	0.0053	-0.1340	-0.0561
Oct	0.1420	0.2080	0.1980	0.1820	0.1930	0.1900	Oct	0.1744	0.0189	0.2048	0.1765	0.1187	0.0777
Nov	0.0402	0.1950	0.1640	0.2070	0.1940	0.1780	Nov	0.4470	-0.0209	0.1881	-0.0561	0.0000	0.0825
Dec	0.0713	0.1390	0.2000	0.1590	0.1920	0.2070	Dec	-2.6564	-0.2087	-0.1111	0.1762	0.0448	-0.0615
						0.20.0			0.200				0.00.0
BS-act-25	LT=1	LT=2	LT=3	LT=4	LT=5	LT=6	BSS-act-25	LT=1	LT=2	LT=3	LT=4	LT=5	LT=6
Jan	0.4680	0.4940	0.5180	0.5080	0.4130	0.4440	Jan	0.0106	-0.0444	-0.0860	-0.0431	0.1554	0.1120
Feb	0.5010	0.5100	0.5210	0.5080	0.5560	0.4780	Feb	0.0618	-0.0079	-0.0097	0.0662	-0.0091	0.1449
Mar	0.5160	0.4430	0.4210	0.4710	0.4830	0.5230	Mar	-0.1467	0.0574	0.1137	-0.0043	0.1089	0.0560
Apr	0.5670	0.3970	0.4360	0.4090	0.4120	0.4540	Apr	-0.3279	0.0317	-0.0660	0.0788	0.0615	0.0810
May	0.5770	0.4540	0.4360	0.4690	0.4660	0.4090	May	-0.2794	-0.0295	-0.0307	-0.1356	-0.1394	0.0619
Jun	0.3960	0.4010		0.4170	0.4370	0.4480	Jun	0.1852	-0.0693	-0.1509	-0.1880	-0.2275	-0.2800
Jul	0.5250	0.4100	0.4010	0.3420	0.3640	0.3430	Jul	-0.1218	0.0049	-0.1457	-0.0029	-0.0866	-0.0208
Aug	0.5200	0.4550	0.4210	0.3900	0.3200	0.3970	Aug	-0.0078	-0.1490	-0.0712	-0.0627	0.0831	-0.1711
Sep	0.5230	0.4430	0.3930	0.3630	0.4040	0.2910	Sep	0.0132	0.0023	-0.0565	0.0242	-0.1348	0.1686
Oct	0.5560	0.4560	0.4080	0.3860	0.3600	0.3520	Oct	-0.0923	0.0420	0.0355	-0.0185	0.0955	0.1394
Nov	0.5020	0.5260	0.3920	0.3660	0.3860	0.3630	Nov	-0.0819	-0.2584	0.0485	0.0850	-0.0185	-0.0111
Dec	0.5130	0.5230	0.5100	0.4150	0.4180	0.3760	Dec	0.0375	-0.2335	-0.2143	0.0000	0.0369	0.0334
D0 75	LT=1	LT=2	LT=3	LT=4	LT=5	LT=6	D00 75	LT=1	LT=2	LT=3	LT=4	LT=5	LT=6
BS-act-75 Jan	0.3000	0.2640	0.3140	0.2390	0.2510	0.2450	BSS-act-75 Jan	0.0291	0.0186	-0.1018	0.0440	0.0456	-0.0560
	0.3000	0.2640	0.2950	0.2390	0.3290	0.2450		0.0291	0.0186	0.0605	-0.0194	-0.0281	0.0712
Feb Mar	0.3180	0.3310	0.2930	0.3150	0.3250	0.3060	Feb Mar	0.0507	0.0093	-0.0939	-0.0194	-0.0281	0.0712
Apr	0.3790	0.3310	0.3400	0.3530	0.3250	0.3200	Apr	-0.0507	0.0265	-0.0939	-0.0161	0.1988	-0.0356
May	0.3190	0.2630	0.2570	0.3330	0.2610	0.2500	May	-0.0587	0.0303	-0.0029	-0.2203	-0.1549	-0.0330
Jun	0.2110	0.2510	0.2010	0.2160	0.1970	0.2300	Jun	0.2570	-0.2067	0.0737	-0.2203	-0.1349	-0.1531
Jul	0.2110	0.2210	0.2010	0.1810	0.1970	0.2410	Jul	0.2451	-0.2007	-0.1186	0.0904	-0.0479	-0.1531
Aua	0.1940	0.2070	0.2630	0.1810	0.1800	0.1920	Aug	0.0669	-0.0299	-0.1186	-0.4000	0.1133	0.0400
Sep	0.3350	0.2210	0.2340	0.2500	0.2200	0.1950	Sep	-0.1632	0.0349	-0.2000	-0.2376	-0.0891	0.0152
Oct	0.1850	0.2260	0.2590	0.2240	0.2540	0.2390	Oct	0.2259	0.1439	-0.1261	-0.0874	-0.1598	-0.1602
Nov	0.2340	0.2430	0.2130	0.2260	0.2310	0.2210	Nov	-0.1143	-0.0848	0.1198	-0.0415	-0.1214	-0.0524
Dec	0.2710	0.2660	0.2240	0.2320	0.2530	0.2610	Dec	-0.1483	-0.0598	-0.0090	0.0000	-0.1659	-0.2794
,													
BS-A/T-25	LT=1	LT=2	LT=3	LT=4	LT=5	LT=6	BS-A/T-75	LT=1	LT=2	LT=3	LT=4	LT=5	LT=6
Jan	12.06	15.48	15.48	19.17	20.18	63.44	Jan	11.43	11.13	11.13	10.42	25.32	26.90
Feb	1.83	0.00	3.21	0.82	6.16	23.28	Feb	14.32	14.87	14.32	11.78	14.36	36.38
Mar	19.94	9.94	0.84	7.33	1.40	9.02	Mar	5.83	11.73	12.01	11.73	11.51	10.71
Apr	70.00	54.30		65.98	73.73	54.61	Apr	49.76	49.78	40.85	47.63	62.09	44.87
May	48.66	55.25	64.58	67.05	57.88	51.93	May	11.71	16.98	28.83	41.45	38.99	50.00
Jun	55.61	70.73	71.50	56.41	48.24	68.25	Jun	25.21	52.96	50.61	55.51	58.37	75.74
Jul	23.94	90.85	78.05	68.23	62.56	59.46	Jul	100.00	95.83	122.22	79.19	65.05	84.95
Aug	41.64	50.65		54.04	61.36	75.78	Aug	82.73	67.70	63.45	58.24	68.51	65.00
Sep	29.58	48.35		83.33	69.95	78.97	Sep	53.37	60.75	74.62	77.90	76.53	59.92
Oct	15.10	16.93	48.01	56.87	81.47	81.39	Oct	37.44	47.00	48.18	62.95	91.74	100.00
Nov	4.77	0.71	7.78	28.21	42.86	79.24	Nov	22.92	21.23	28.86	24.83	65.49	88.99
Dec	0.00	0.00	0.77	8.95	33.73	60.65	Dec	19.94	20.48	23.10	53.14	25.95	70.80

Table 8: Skill scores in the Mckenzie

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BS-theo-25	LT=1	LT=2	LT=3	I T=4	LT=5	LT=6	BSS-theo-25	LT=1	LT=2	LT=3	LT=4	LT=5	LT=6
Jan	0.0402	0.0690	0.0559	0.0929	0.1010	0.0667	Jan	0.3973	-0.0192	-0.4045	0.0313	-0.3377	0.2472
Feb	0.0693	0.0358	0.0633	0.0323	0.0792	0.0007	Feb	-0.0390	0.2200	-0.1943	-0.5784	-0.0272	-0.1476
Mar	0.0047	0.0162	0.0300	0.0145	0.0103	0.0630	Mar	0.8058	-0.3279	-0.2195	-0.6219	-3.8357	0.0125
Apr	0.0603	0.0736	0.0693	0.1010	0.0561	0.0673	Apr	-0.2996	-0.0455	-0.1017	-0.6212	-0.1022	-0.1786
May	0.0391	0.0769	0.0961	0.0946	0.1090	0.0875	May	0.2053	-0.0052	0.0351	0.0217	0.0763	0.0427
Jun	0.0113	0.1370	0.1030	0.1050	0.1310	0.0928	Jun	0.0504	-0.4406	-0.0521	0.0708	-0.1391	0.2455
Jul	0.0545	0.0788	0.1090	0.1140	0.1170	0.1300	Jul	0.0778	-0.1193	0.0684	-0.1068	-0.0086	-0.1111
Aug	0.0388	0.1020	0.1610	0.1250	0.1150	0.1190	Aug	0.4648	0.0000	-0.5333	0.0741	0.0086	0.0916
Sep	0.0231	0.0653	0.0873	0.0978	0.1140	0.1100	Sep	0.3265	0.2546	0.0623	-0.0438	0.0880	0.0909
Oct	0.0567	0.0614	0.0694	0.0904	0.0893	0.1140	Oct	-0.0366	0.0767	-0.1433	-0.1864	0.0335	0.1024
Nov	0.0336	0.0760	0.0931	0.1130	0.0771	0.0939	Nov	0.0693	-0.0541	0.0643	-0.3614	-0.0874	0.1690
Dec	0.0636	0.0587	0.0945	0.0983	0.0711	0.0835	Dec	-0.0478	0.1252	-0.1331	-0.5170	0.1828	0.1383
BS-theo-75	LT=1	LT=2	LT=3	LT=4	LT=5	LT=6	BSS-theo-75	LT=1	LT=2	LT=3	LT=4	LT=5	LT=6
Jan	0.0278	0.0165	0.0114	0.0653	0.1330	0.1710	Jan	-800.4740	-22.6717	-0.7823	0.0394	-0.0580	-0.2040
Feb	0.0270	0.0080	0.0115	0.0055	0.0504	0.1130	Feb	-000.4740 NA	0.2138	-4.4361	-0.1222	0.2765	0.0454
Mar	0.0333	0.0182	0.0234	0.0368	0.0433	0.0493	Mar	-0.7699	-0.9017	0.1712	-0.1191	-0.5086	0.2822
Apr	0.0041	0.0185	0.0268	0.0399	0.0265	0.0345	Apr	0.8092	0.1257	-0.1232	-0.2237	0.2128	0.0913
Mav	0.0242	0.0474	0.0460	0.0567	0.0603	0.0863	Mav	0.3800	-0.1073	0.3025	0.1203	0.2137	0.0025
Jun	0.0854	0.0678	0.1460	0.0931	0.1050	0.1430	Jun	-2.6186	-0.0311	-0.3860	0.0501	-0.0378	-0.4114
Jul	0.0620	0.0882	0.0758	0.0879	0.0661	0.0698	Jul	-0.1151	-0.5154	-0.3706	-0.5316	-0.0072	-0.0657
Aug	0.0275	0.0961	0.1130	0.1120	0.1130	0.1490	Aug	-0.2405	-0.4933	-0.5715	-0.2548	-0.1909	-0.3639
Sep	0.0449	0.1300	0.1370	0.1720	0.1220	0.2010	Sep	0.2771	-0.3357	-0.2894	-0.6193	-0.0067	-0.4556
Oct	0.0174	0.0807	0.1370	0.1360	0.1360	0.1270	Oct	0.4265	0.0447	-0.4772	-0.2457	-0.2808	-0.1428
Nov	0.0080	0.0826	0.1180	0.1390	0.1530	0.1310	Nov	0.7424	-0.1650	-0.2979	-0.3228	-0.0748	-0.0407
Dec	0.0204	0.0259	0.0837	0.1420	0.1520	0.1230	Dec	0.2147	0.0017	-0.0171	-0.0996	-0.1303	0.0509
													D = -
BS-act-25	LT=1	LT=2	LT=3	LT=4	LT=5	LT=6	BSS-act-25	LT=1	LT=2	LT=3	LT=4	LT=5	LT=6
Jan	0.1430	0.1380	0.1500	0.1990	0.2130	0.1670	Jan	-0.0752	0.0213	-0.0067	0.0613	-0.1390	0.0670
Feb	0.1380	0.1510	0.1390	0.1520	0.2170	0.2120	Feb	-0.0376	-0.0942	0.0915	0.0440	0.0356	-0.0816
Mar	0.1740	0.1600	0.1570	0.1430	0.1510	0.2040	Mar	-0.1373	-0.0256	-0.0329	0.1333	0.0736	0.0811
Apr	0.2240	0.2010 0.1070	0.1950 0.1330	0.2280	0.2070 0.1510	0.1860	Apr	-0.3254	-0.0524	-0.0156 0.0148	-0.2459 0.0435	-0.1829	0.0000
May	0.1660			0.1320		0.1380	May	-0.0375	0.1705			0.0258	-0.1040
Jun Jul	0.2420	0.2160 0.1940	0.1700 0.1640	0.1780 0.1450	0.1940	0.2140	Jun Jul	-0.1101 -0.0242	-0.2706 -0.0960	0.0173 -0.1549	0.0729	0.0251 -0.2282	-0.0239 0.1329
	0.2120	0.1940	0.1640	0.1450	0.1830	0.1370		-0.0242 0.0928	-0.0960	-0.1549	0.0136	-0.2282 0.0701	-0.0189
Aug Sep	0.2150	0.2590	0.2640	0.2150	0.1990	0.2160	Aug	0.0928	-0.1719	0.1534	-0.0469	0.0701	0.0552
Oct	0.1930	0.1800	0.1600	0.2010	0.1680	0.1710	Sep Oct	-0.0085	-0.0405	0.0000	0.0148	0.0919	-0.0637
Nov	0.3540	0.3040	0.2820	0.2660	0.2830	0.2840	Nov	-0.0085	-0.0667	-0.0502	-0.0088	0.0407	0.0205
Dec	0.2280	0.2700	0.2510	0.2290	0.2170	0.2390	Dec	-0.0704	-0.0075	-0.0502	-0.0088	-0.1450	0.0205
Dec	0.2030	0.2200	0.2040	0.2140	0.2290	0.2110	Dec	-0.0004	-0.3333	-0.0132	-0.2201	*U. 145U	0.0140
BS-act-75	LT=1												
Jan	0.2280	LT=2	LT=3	LT=4	LT=5	LT=6	BSS-act-75	LT=1	LT=2	LT=3	LT=4	LT=5	LT=6
Feb		0.2230	0.2180	0.2600	0.2140	0.3150	Jan	-0.1400	-0.0721	-0.0955	-0.1556	0.1083	-0.0900
	0.1440	0.2230 0.1960	0.2180 0.2190	0.2600 0.1760	0.2140 0.2070	0.3150 0.2010	Jan Feb	-0.1400 0.2800	-0.0721 0.0485	-0.0955 -0.0429	-0.1556 -0.0476	0.1083 -0.0197	-0.0900 0.1184
Mar	0.1440 0.1670	0.2230 0.1960 0.1560	0.2180 0.2190 0.1570	0.2600 0.1760 0.1750	0.2140 0.2070 0.1810	0.3150 0.2010 0.1870	Jan Feb Mar	-0.1400 0.2800 -0.0987	-0.0721 0.0485 -0.0909	-0.0955 -0.0429 0.0309	-0.1556 -0.0476 -0.0234	0.1083 -0.0197 -0.0838	-0.0900 0.1184 0.0966
Mar Apr	0.1440 0.1670 0.1370	0.2230 0.1960 0.1560 0.1520	0.2180 0.2190 0.1570 0.1650	0.2600 0.1760 0.1750 0.1550	0.2140 0.2070 0.1810 0.1580	0.3150 0.2010 0.1870 0.1540	Jan Feb Mar Apr	-0.1400 0.2800 -0.0987 0.0927	-0.0721 0.0485 -0.0909 -0.1014	-0.0955 -0.0429 0.0309 -0.2313	-0.1556 -0.0476 -0.0234 -0.0915	0.1083 -0.0197 -0.0838 -0.0327	-0.0900 0.1184 0.0966 -0.1000
Mar Apr May	0.1440 0.1670 0.1370 0.0970	0.2230 0.1960 0.1560 0.1520 0.1080	0.2180 0.2190 0.1570 0.1650 0.1190	0.2600 0.1760 0.1750 0.1550 0.1190	0.2140 0.2070 0.1810 0.1580 0.0967	0.3150 0.2010 0.1870 0.1540 0.1490	Jan Feb Mar Apr May	-0.1400 0.2800 -0.0987 0.0927 0.1019	-0.0721 0.0485 -0.0909 -0.1014 0.0357	-0.0955 -0.0429 0.0309 -0.2313 -0.1782	-0.1556 -0.0476 -0.0234 -0.0915 -0.3951	0.1083 -0.0197 -0.0838 -0.0327 0.1128	-0.0900 0.1184 0.0966 -0.1000 -0.2957
Mar Apr May Jun	0.1440 0.1670 0.1370 0.0970 0.1460	0.2230 0.1960 0.1560 0.1520 0.1080 0.1710	0.2180 0.2190 0.1570 0.1650 0.1190 0.1700	0.2600 0.1760 0.1750 0.1550 0.1190 0.1050	0.2140 0.2070 0.1810 0.1580 0.0967 0.1680	0.3150 0.2010 0.1870 0.1540 0.1490 0.1550	Jan Feb Mar Apr May Jun	-0.1400 0.2800 -0.0987 0.0927 0.1019 0.1705	-0.0721 0.0485 -0.0909 -0.1014 0.0357 -0.1958	-0.0955 -0.0429 0.0309 -0.2313 -0.1782 -0.4167	-0.1556 -0.0476 -0.0234 -0.0915 -0.3951 0.1176	0.1083 -0.0197 -0.0838 -0.0327 0.1128 -0.4000	-0.0900 0.1184 0.0966 -0.1000 -0.2957 -0.1232
Mar Apr May Jun Jul	0.1440 0.1670 0.1370 0.0970 0.1460 0.1230	0.2230 0.1960 0.1560 0.1520 0.1080 0.1710 0.1060	0.2180 0.2190 0.1570 0.1650 0.1190 0.1700 0.1240	0.2600 0.1760 0.1750 0.1550 0.1190 0.1050 0.1300	0.2140 0.2070 0.1810 0.1580 0.0967 0.1680 0.1330	0.3150 0.2010 0.1870 0.1540 0.1490 0.1550 0.1200	Jan Feb Mar Apr May Jun Jul	-0.1400 0.2800 -0.0987 0.0927 0.1019 0.1705 0.2013	-0.0721 0.0485 -0.0909 -0.1014 0.0357 -0.1958 0.0364	-0.0955 -0.0429 0.0309 -0.2313 -0.1782 -0.4167 -0.1376	-0.1556 -0.0476 -0.0234 -0.0915 -0.3951 0.1176 -0.1017	0.1083 -0.0197 -0.0838 -0.0327 0.1128 -0.4000 0.0221	-0.0900 0.1184 0.0966 -0.1000 -0.2957 -0.1232 -0.0169
Mar Apr May Jun Jul Aug	0.1440 0.1670 0.1370 0.0970 0.1460 0.1230 0.1670	0.2230 0.1960 0.1560 0.1520 0.1080 0.1710 0.1060 0.1570	0.2180 0.2190 0.1570 0.1650 0.1190 0.1700 0.1240 0.1740	0.2600 0.1760 0.1750 0.1550 0.1190 0.1050 0.1300 0.1970	0.2140 0.2070 0.1810 0.1580 0.0967 0.1680 0.1330 0.1430	0.3150 0.2010 0.1870 0.1540 0.1490 0.1550 0.1200 0.2100	Jan Feb Mar Apr May Jun Jul Aug	-0.1400 0.2800 -0.0987 0.0927 0.1019 0.1705 0.2013 0.1608	-0.0721 0.0485 -0.0909 -0.1014 0.0357 -0.1958 0.0364 0.1604	-0.0955 -0.0429 0.0309 -0.2313 -0.1782 -0.4167 -0.1376 -0.0807	-0.1556 -0.0476 -0.0234 -0.0915 -0.3951 0.1176 -0.1017 -0.1867	0.1083 -0.0197 -0.0838 -0.0327 0.1128 -0.4000 0.0221 0.1173	-0.0900 0.1184 0.0966 -0.1000 -0.2957 -0.1232 -0.0169 -0.2883
Mar Apr May Jun Jul Aug Sep	0.1440 0.1670 0.1370 0.0970 0.1460 0.1230 0.1670 0.2090	0.2230 0.1960 0.1560 0.1520 0.1080 0.1710 0.1060 0.1570 0.1720	0.2180 0.2190 0.1570 0.1650 0.1190 0.1700 0.1240 0.1740 0.2280	0.2600 0.1760 0.1750 0.1550 0.1190 0.1050 0.1300 0.1970 0.2200	0.2140 0.2070 0.1810 0.1580 0.0967 0.1680 0.1330 0.1430 0.2310	0.3150 0.2010 0.1870 0.1540 0.1490 0.1550 0.1200 0.2100 0.2370	Jan Feb Mar Apr May Jun Jul Aug Sep	-0.1400 0.2800 -0.0987 0.0927 0.1019 0.1705 0.2013 0.1608 0.2400	-0.0721 0.0485 -0.0909 -0.1014 0.0357 -0.1958 0.0364 0.1604	-0.0955 -0.0429 0.0309 -0.2313 -0.1782 -0.4167 -0.1376 -0.0807 -0.1515	-0.1556 -0.0476 -0.0234 -0.0915 -0.3951 -0.1017 -0.1017 -0.1867 -0.0476	0.1083 -0.0197 -0.0838 -0.0327 0.1128 -0.4000 0.0221 0.1173 -0.0267	-0.0900 0.1184 0.0966 -0.1000 -0.2957 -0.1232 -0.0169 -0.2883 -0.1023
Mar Apr May Jun Jul Aug Sep Oct	0.1440 0.1670 0.1370 0.0970 0.1460 0.1230 0.1670 0.2090	0.2230 0.1960 0.1560 0.1520 0.1080 0.1710 0.1060 0.1570 0.1720 0.2440	0.2180 0.2190 0.1570 0.1650 0.1190 0.1700 0.1240 0.1740 0.2280 0.2210	0.2600 0.1760 0.1750 0.1550 0.1190 0.1050 0.1300 0.1970 0.2200 0.2020	0.2140 0.2070 0.1810 0.1580 0.0967 0.1680 0.1330 0.1430 0.2310	0.3150 0.2010 0.1870 0.1540 0.1490 0.1550 0.1200 0.2100 0.2370 0.2600	Jan Feb Mar Apr May Jun Jul Aug Sep Oct	-0.1400 0.2800 -0.0987 0.0927 0.1019 0.1705 0.2013 0.1608 0.2400 -0.0507	-0.0721 0.0485 -0.0909 -0.1014 0.0357 -0.1958 0.0364 0.1604 0.1810	-0.0955 -0.0429 0.0309 -0.2313 -0.1782 -0.4167 -0.1376 -0.0807 -0.1515 -0.0138	-0.1556 -0.0476 -0.0234 -0.0915 -0.3951 -0.1176 -0.1017 -0.1867 -0.0476 0.0982	0.1083 -0.0197 -0.0838 -0.0327 0.1128 -0.4000 0.0221 0.1173 -0.0267	-0.0900 0.1184 0.0966 -0.1000 -0.2957 -0.1232 -0.0169 -0.2883 -0.1023 -0.1304
Mar Apr May Jun Jul Aug Sep Oct Nov	0.1440 0.1670 0.1370 0.0970 0.1460 0.1230 0.1670 0.2090 0.2940	0.2230 0.1960 0.1560 0.1520 0.1080 0.1710 0.1060 0.1570 0.1720 0.2440	0.2180 0.2190 0.1570 0.1650 0.1190 0.1700 0.1240 0.1740 0.2280 0.2210	0.2600 0.1760 0.1750 0.1550 0.1190 0.1300 0.1970 0.2200 0.2020 0.2720	0.2140 0.2070 0.1810 0.1580 0.0967 0.1680 0.1330 0.1430 0.2310 0.1910	0.3150 0.2010 0.1870 0.1540 0.1490 0.1550 0.1200 0.2100 0.2370 0.2600 0.2340	Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov	-0.1400 0.2800 -0.0987 0.0927 0.1019 0.1705 0.2013 0.1608 0.2400 -0.0507 -0.0383	-0.0721 0.0485 -0.0909 -0.1014 0.0357 -0.1958 0.0364 0.1604 0.1810 0.0758 -0.0226	-0.0955 -0.0429 0.0309 -0.2313 -0.1782 -0.4167 -0.1376 -0.0807 -0.1515 -0.0138 0.0891	-0.1556 -0.0476 -0.0234 -0.0915 -0.3951 -0.1017 -0.1017 -0.1867 -0.0476 -0.0982 -0.0584	0.1083 -0.0197 -0.0838 -0.0327 0.1128 -0.4000 0.0221 0.1173 -0.0267 0.1659	-0.0900 0.1184 0.0966 -0.1000 -0.2957 -0.1232 -0.0169 -0.2883 -0.1023 -0.1304 0.0965
Mar Apr May Jun Jul Aug Sep Oct	0.1440 0.1670 0.1370 0.0970 0.1460 0.1230 0.1670 0.2090	0.2230 0.1960 0.1560 0.1520 0.1080 0.1710 0.1060 0.1570 0.1720 0.2440	0.2180 0.2190 0.1570 0.1650 0.1190 0.1700 0.1240 0.1740 0.2280 0.2210	0.2600 0.1760 0.1750 0.1550 0.1190 0.1050 0.1300 0.1970 0.2200 0.2020	0.2140 0.2070 0.1810 0.1580 0.0967 0.1680 0.1330 0.1430 0.2310	0.3150 0.2010 0.1870 0.1540 0.1490 0.1550 0.1200 0.2100 0.2370 0.2600	Jan Feb Mar Apr May Jun Jul Aug Sep Oct	-0.1400 0.2800 -0.0987 0.0927 0.1019 0.1705 0.2013 0.1608 0.2400 -0.0507	-0.0721 0.0485 -0.0909 -0.1014 0.0357 -0.1958 0.0364 0.1604 0.1810	-0.0955 -0.0429 0.0309 -0.2313 -0.1782 -0.4167 -0.1376 -0.0807 -0.1515 -0.0138	-0.1556 -0.0476 -0.0234 -0.0915 -0.3951 -0.1176 -0.1017 -0.1867 -0.0476 0.0982	0.1083 -0.0197 -0.0838 -0.0327 0.1128 -0.4000 0.0221 0.1173 -0.0267	-0.0900 0.1184 0.0966 -0.1000 -0.2957 -0.1232 -0.0169 -0.2883 -0.1023 -0.1304
Mar Apr May Jun Jul Aug Sep Oct Nov	0.1440 0.1670 0.1370 0.0970 0.1460 0.1230 0.1670 0.2090 0.2940	0.2230 0.1960 0.1560 0.1520 0.1080 0.1710 0.1060 0.1570 0.1720 0.2440	0.2180 0.2190 0.1570 0.1650 0.1190 0.1700 0.1240 0.1740 0.2280 0.2210	0.2600 0.1760 0.1750 0.1550 0.1190 0.1300 0.1970 0.2200 0.2020 0.2720	0.2140 0.2070 0.1810 0.1580 0.0967 0.1680 0.1330 0.1430 0.2310 0.1910	0.3150 0.2010 0.1870 0.1540 0.1490 0.1550 0.1200 0.2100 0.2370 0.2600 0.2340	Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov	-0.1400 0.2800 -0.0987 0.0927 0.1019 0.1705 0.2013 0.1608 0.2400 -0.0507 -0.0383	-0.0721 0.0485 -0.0909 -0.1014 0.0357 -0.1958 0.0364 0.1604 0.1810 0.0758 -0.0226	-0.0955 -0.0429 0.0309 -0.2313 -0.1782 -0.4167 -0.1376 -0.0807 -0.1515 -0.0138 0.0891	-0.1556 -0.0476 -0.0234 -0.0915 -0.3951 -0.1017 -0.1017 -0.1867 -0.0476 -0.0982 -0.0584	0.1083 -0.0197 -0.0838 -0.0327 0.1128 -0.4000 0.0221 0.1173 -0.0267 0.1659	-0.0900 0.1184 0.0966 -0.1000 -0.2957 -0.1232 -0.0169 -0.2883 -0.1023 -0.1304 0.0965
Mar Apr May Jun Jul Aug Sep Oct Nov Dec	0.1440 0.1670 0.1370 0.0970 0.1460 0.1230 0.1670 0.2090 0.2900 0.2440 0.2870	0.2230 0.1960 0.1560 0.1520 0.1080 0.1710 0.1060 0.1570 0.1720 0.2440 0.2710	0.2180 0.2190 0.1570 0.1650 0.1190 0.1700 0.1240 0.2280 0.2210 0.2760	0.2600 0.1760 0.1750 0.1550 0.1190 0.1300 0.1970 0.2200 0.2020 0.2720 0.2630	0.2140 0.2070 0.1810 0.1580 0.0967 0.1680 0.1330 0.1430 0.2310 0.1910 0.2130	0.3150 0.2010 0.1870 0.1540 0.1490 0.1550 0.2100 0.2370 0.2600 0.2340 0.2070	Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov	-0.1400 0.2800 -0.0987 0.0927 0.1019 0.1705 0.2013 0.1608 0.2400 -0.0507 -0.0383 -0.0709	-0.0721 0.0485 -0.0909 -0.1014 0.0357 -0.1958 0.0364 0.1604 0.1810 0.0758 -0.0226 -0.0980	-0.0955 -0.0429 0.0309 -0.2313 -0.1782 -0.4167 -0.1376 -0.0807 -0.1515 -0.0138 0.0891 -0.0769	-0.1556 -0.0476 -0.0234 -0.0915 -0.3951 -0.1176 -0.1017 -0.1867 -0.0476 -0.0982 -0.0584 -0.0075	0.1083 -0.0197 -0.0838 -0.0327 0.1128 -0.4000 0.0221 0.1173 -0.0267 0.1659 0.1377 -0.0553	-0.0900 0.1184 0.0966 -0.1000 -0.2957 -0.1232 -0.0169 -0.2883 -0.1023 -0.1304 0.0965 0.1653
Mar Apr May Jun Jul Aug Sep Oct Nov Dec	0.1440 0.1670 0.1370 0.0970 0.1460 0.1230 0.1670 0.2090 0.2940 0.2440 0.2870	0.2230 0.1960 0.1560 0.1520 0.1080 0.1710 0.1060 0.1570 0.1720 0.2440 0.2710 0.2800	0.2180 0.2190 0.1570 0.1650 0.1190 0.1700 0.1240 0.1740 0.2280 0.2210 0.2760	0.2600 0.1760 0.1750 0.1550 0.1190 0.1050 0.1300 0.1970 0.2200 0.2020 0.2720 0.2630	0.2140 0.2070 0.1810 0.1580 0.0967 0.1680 0.1330 0.1430 0.2310 0.2910 0.2130 0.2670	0.3150 0.2010 0.1870 0.1540 0.1490 0.1550 0.1200 0.2100 0.2370 0.2600 0.2340 0.2070	Jan Feb Mar Apr May Jun Jun Jun Jun Jun Sep Oct Nov Dec	-0.1400 0.2800 -0.0987 0.1019 0.1705 0.2013 0.1608 0.2400 -0.0507 -0.0383 -0.0709	-0.0721 0.0485 -0.0909 -0.1014 0.0357 -0.1958 0.0364 0.1604 0.1810 0.0758 -0.0226 -0.0980	-0.0955 -0.0429 0.0309 -0.2313 -0.1782 -0.4167 -0.1376 -0.0807 -0.1515 -0.0138 0.0891 -0.0769	-0.1556 -0.0476 -0.0234 -0.0915 -0.3951 0.1176 -0.1017 -0.1867 -0.0476 0.0982 -0.0584 0.0075	0.1083 -0.0197 -0.0838 -0.0327 0.1128 -0.4000 0.0221 0.1173 -0.0267 0.1659 0.1377 -0.0553	-0.0900 0.1184 0.0966 -0.1000 -0.2957 -0.1232 -0.0169 -0.2883 -0.1023 -0.1304 0.0965 0.1653
Mar Apr May Jun Jul Aug Sep Oct Nov Dec	0.1440 0.1670 0.1370 0.0970 0.1460 0.1230 0.1670 0.2990 0.2440 0.2870	0.2230 0.1960 0.1560 0.1520 0.1080 0.1710 0.1060 0.1570 0.1720 0.2440 0.2710 0.2800	0.2180 0.2190 0.1570 0.1650 0.1190 0.1740 0.1240 0.2280 0.2210 0.2660	0.2600 0.1760 0.1750 0.1550 0.1950 0.1050 0.1300 0.1970 0.2200 0.2020 0.2720 0.2630	0.2140 0.2070 0.1810 0.1580 0.0967 0.1680 0.1330 0.1430 0.2310 0.1910 0.2130 0.2670	0.3150 0.2010 0.1870 0.1540 0.1550 0.1200 0.2100 0.2370 0.2340 0.2070	Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec	-0.1400 0.2800 -0.0987 0.0927 0.1019 0.1705 0.2013 0.1608 0.2400 -0.0507 -0.0383 -0.0709	-0.0721 0.0485 -0.0909 -0.1014 0.0357 -0.1958 0.1604 0.1604 0.1810 0.0758 -0.0226 -0.0980 LT=2 7.40	-0.0955 -0.0429 -0.0309 -0.2313 -0.1782 -0.4167 -0.1376 -0.0807 -0.1513 -0.0769 -0.0769	-0.1556 -0.0476 -0.0234 -0.0915 -0.3951 -0.1017 -0.1017 -0.1867 -0.0476 -0.0982 -0.0584 -0.0584 -0.0575	0.1083 -0.0197 -0.0838 -0.0327 0.1128 -0.4000 0.0221 0.1173 -0.0267 0.1659 0.1377 -0.0553	-0.0900 0.1184 0.0966 -0.1000 -0.2957 -0.1232 -0.1693 -0.1023 -0.1304 0.1653
Mar Apr May Jun Jul Aug Sep Oct Nov Dec BS-A/T-25 Jan Feb	0.1440 0.1670 0.1370 0.0970 0.1460 0.1230 0.1670 0.2990 0.2940 0.2870 LT=1 28.11 50.22	0.2230 0.1960 0.1560 0.15620 0.1080 0.1710 0.1060 0.1720 0.2440 0.2710 0.2800 0.2371	0.2180 0.2190 0.1570 0.1650 0.1190 0.1700 0.1240 0.2280 0.2210 0.2760 0.2660 LT=3 37.27 45.54	0.2600 0.1760 0.1750 0.1550 0.1190 0.1050 0.1300 0.1300 0.2200 0.2020 0.2720 0.2630 LT=4 46.68 29.80	0.2140 0.2070 0.1810 0.1580 0.0967 0.1680 0.1330 0.2310 0.1910 0.2130 0.2670 LT=5 47.42 36.50	0.3150 0.2010 0.1870 0.1540 0.1550 0.1200 0.2100 0.2370 0.2600 0.2340 0.2070 LT=6 33.944 46.93	Jan Feb Mar Apr May Jun	-0.1400 0.2800 -0.0987 0.0927 0.1019 0.1705 0.2013 0.1608 0.2400 -0.0507 -0.0383 -0.0709 LT=1 12.19 10.49	-0.0721 0.0485 -0.0909 -0.1014 0.0357 -0.1958 0.0364 0.1604 0.1810 0.0758 -0.0226 -0.0980 LT=2 7.40 4.08	-0.0955 -0.0429 -0.0309 -0.2313 -0.1782 -0.4167 -0.1386 -0.0386 -0.0138 -0.0769 -0.0769	-0.1556 -0.0476 -0.0234 -0.0915 -0.3951 -0.1176 -0.1877 -0.0476 -0.0982 -0.0584 -0.0075 	0.1083 -0.0197 -0.0838 -0.0327 -0.1128 -0.4000 -0.0221 -0.1173 -0.0267 -0.1659 -0.1377 -0.0553 	-0.0900 0.1184 0.0966 -0.1000 -0.2957 -0.1232 -0.0169 -0.2883 -0.1023 -0.1304 0.0965 0.1653 LT=6 54.29 56.22
Mar Apr May Jun Jul Aug Sep Oct Nov Dec BS-A/T-25 Jan Feb Mar	0.1440 0.1670 0.1370 0.1370 0.1460 0.1230 0.1670 0.2990 0.2940 0.2440 0.2870 LT=1 28.11 50.22 2.69	0.2230 0.1960 0.1560 0.1550 0.100 0.1710 0.1060 0.1570 0.1720 0.2440 0.2410 0.2800 LT=2 50.00 2.371 10.13	0.2180 0.2190 0.1570 0.1550 0.1190 0.1700 0.1700 0.1240 0.1740 0.2280 0.2210 0.2760 0.2660 LT=3 37.27 45.54 19.11	0.2600 0.1760 0.1750 0.1550 0.1190 0.1050 0.1300 0.1970 0.2200 0.2200 0.2720 0.2630 LT=4 46.68 29.80 10.14	0.2140 0.2070 0.1810 0.1580 0.0967 0.1680 0.1330 0.1430 0.2310 0.1910 0.2130 0.2670	0.3150 0.2010 0.1870 0.1540 0.1550 0.1200 0.2100 0.2370 0.2600 0.2340 0.2070 LT=6 39.94 46.93 30.88	Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec BS-A/T-75 Jan Feb Mar	-0.1400 0.2800 -0.0987 0.0927 0.1019 0.1705 0.2013 0.1608 0.2400 -0.0507 -0.0383 -0.0709	-0.0721 0.0485 -0.0909 -0.1014 0.0357 -0.1958 0.0364 0.1604 0.1810 0.0758 -0.0226 -0.0980 LT=2 7.40 4.088 11.67	-0.0955 -0.0429 -0.0309 -0.2313 -0.1782 -0.4167 -0.1376 -0.0807 -0.1513 -0.0769 -0.0769	-0.1556 -0.0476 -0.0234 -0.0395 -0.3951 -0.1176 -0.1017 -0.1867 -0.0476 -0.0982 -0.0584 -0.0075 	0.1083 -0.0197 -0.0838 -0.0327 0.1128 -0.4000 0.0221 0.1173 -0.0267 -0.1659 0.1377 -0.0553 	-0.0900 0.1184 0.0966 -0.1000 -0.2957 -0.1232 -0.0169 -0.2883 -0.1023 -0.1023 -0.10653 LT=6 54.29 56.22 26.36
Mar Apr May Jun Jul Aug Sep Oct Nov Dec BS-A/T-25 Jan Feb Mar Apr	0.1440 0.1670 0.1970 0.0970 0.1460 0.1230 0.1670 0.2990 0.2940 0.2440 0.2870 LT=1 28.11 50.22 2.69 26.92	0.2230 0.1960 0.1560 0.1550 0.1550 0.1770 0.1770 0.1770 0.2440 0.2710 0.2800 LT=2 50.00 23.71 10.13	0.2180 0.2190 0.1570 0.1550 0.1190 0.1700 0.1700 0.1200 0.2210 0.2260 0.2660 LT=3 37.27 45.54 13.554	0.2600 0.1760 0.1750 0.1550 0.1190 0.1050 0.1970 0.2200 0.2020 0.2630 LT=4 46.68 29.80 10.14 44.43	0.2140 0.2070 0.1810 0.1580 0.0967 0.1680 0.1330 0.1330 0.2310 0.2130 0.2670 LT=5 47.42 36.50 6.82 27.10	0.3150 0.2010 0.1870 0.1540 0.1550 0.1200 0.2100 0.2370 0.2600 0.2370 0.2070 LT=6 39.94 46.93 30.88 36.18	Jan Feb Mar Apr Apr Jun Jul Aug Sep Oct Nov Dec BS-A/T-75 Jan Feb Mar Apr	-0.1400 0.2800 -0.0987 0.0927 0.1019 0.1705 0.2013 0.1608 0.2400 -0.0507 -0.0383 -0.0709 LT=1 12.19 10.49 19.94 3.011	-0.0721 0.0485 -0.0909 -0.1014 0.0357 -0.1958 0.0364 0.1810 0.0758 -0.0296 -0.0980 LT=2 7.40 4.08 11.67 12.17	-0.0955 -0.0429 -0.0309 -0.2313 -0.1782 -0.4167 -0.1376 -0.0807 -0.1515 -0.0138 -0.0769 -0.0769 -0.0769	-0.1556 -0.0476 -0.0234 -0.0915 -0.3951 -0.1176 -0.1017 -0.1867 -0.0476 -0.0982 -0.0594 -0.0075 	0.1083 -0.0197 -0.0838 -0.0327 0.1128 -0.4000 0.0221 0.1173 -0.0267 0.1659 0.1377 -0.0553 LT=5 62.15 24.35 24.35 24.35 24.35 24.35 24.35	-0.0900 0.1184 0.0966 -0.1000 -0.2957 -0.1232 -0.0169 -0.2883 -0.1032 -0.1304 0.0965 0.1653 LT=6 54.29 56.22 26.36 22.40
Mar Apr May Jun Jul Aug Sep Oct Nov Dec BS-A/T-25 Jan Feb Mar Apr May	0.1440 0.1670 0.1370 0.0970 0.1480 0.1230 0.1230 0.1230 0.2900 0.2440 0.2870 LT=1 50.22 2.69 26.92 23.55	0.2230 0.1960 0.1550 0.1550 0.1050 0.1700 0.1700 0.1700 0.1720 0.2440 0.2710 0.2800 0.23.71 10.13 36.62 71.87	0.2180 0.2190 0.1570 0.1650 0.1190 0.1740 0.1240 0.1740 0.2280 0.2660 LT=3 37.27 45.54 19.11 35.54 72.26	0.2600 0.1760 0.1750 0.1550 0.1050 0.1300 0.1970 0.2200 0.2720 0.2630 LT=4 46.68 29.80 10.144 44.30 71.67	0.2140 0.2070 0.1810 0.1810 0.1950 0.0967 0.1630 0.1330 0.2310 0.2130 0.2670 LT=5 47.42 36.50 6.82 27.10 72.19	0.3150 0.2010 0.1870 0.1540 0.1490 0.1550 0.1200 0.2100 0.2340 0.2070 LT=6 39.94 46.93 30.88 30.88 63.41	Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec BS-AT-75 Jan Feb Mar Apr May May May May May	-0.1400 0.2800 -0.0987 0.0927 0.1019 0.1705 0.2013 0.1608 0.2400 -0.0507 -0.0383 -0.0709 LT=1 12.19 10.49 19.94 3.01 24.95	-0.0721 0.0485 -0.0909 -0.1014 0.0357 -0.1958 0.0364 0.1604 0.1810 0.0758 -0.0226 -0.0980 LT=2 7.40 4.08 11.67 12.17 4.389	-0.0955 -0.0429 -0.0309 -0.2313 -0.1782 -0.4167 -0.1376 -0.0807 -0.1515 -0.0183 -0.0769 -0.076	-0.1556 -0.0476 -0.0234 -0.0915 -0.3951 -0.1976 -0.1017 -0.1867 -0.075 -0.0584 -0.075 -0.0584 -0.075 -0.0584 -0.075 -0.0584 -0.075 -0.0584 -0.075 -0.0584 -0.075 -0.0584 -0.075 -0.0584 -0.075 -0.0584 -0.075 -0.0584 -0.075 -0.0584 -	0.1083 -0.0197 -0.0838 -0.0327 0.1128 -0.4000 0.0221 0.1173 -0.0267 -0.1659 0.1377 -0.0553 LT=5 62.15 24.35 23.92 16.77 62.36	-0.0900 0.1184 0.0966 -0.1000 -0.2957 -0.1232 -0.1653 -0.1023 -0.1023 -0.1055 0.1653 -0.1056 -0.2883 -0.1023 -0.1023 -0.1653 -0.1653 -0.1653
Mar Apr May Jun Jul Aug Sep Oct Nov Dec BS-A/T-25 Jan Feb Mar Apr	0.1440 0.1670 0.1970 0.0970 0.1460 0.1230 0.1670 0.2990 0.2940 0.2440 0.2870 LT=1 28.11 50.22 2.69 26.92	0.2230 0.1960 0.1560 0.1550 0.1550 0.1770 0.1770 0.1770 0.2440 0.2710 0.2800 LT=2 50.00 23.71 10.13	0.2180 0.2190 0.1570 0.1550 0.1190 0.1700 0.1700 0.1200 0.2210 0.2260 0.2660 LT=3 37.27 45.54 13.554	0.2600 0.1760 0.1750 0.1550 0.1190 0.1050 0.1970 0.2200 0.2020 0.2630 LT=4 46.68 29.80 10.14 44.43	0.2140 0.2070 0.1810 0.1580 0.0967 0.1680 0.1330 0.1330 0.2310 0.2130 0.2670 LT=5 47.42 36.50 6.82 27.10	0.3150 0.2010 0.1870 0.1540 0.1550 0.1200 0.2100 0.2370 0.2600 0.2370 0.2070 LT=6 39.94 46.93 30.88 36.18	Jan Feb Mar Apr Apr Jun Jul Aug Sep Oct Nov Dec BS-A/T-75 Jan Feb Mar Apr	-0.1400 0.2800 -0.0987 0.0927 0.1019 0.1705 0.2013 0.1608 0.2400 -0.0507 -0.0383 -0.0709 LT=1 12.19 10.49 19.94 3.011	-0.0721 0.0485 -0.0909 -0.1014 0.0357 -0.1958 0.0364 0.1810 0.0758 -0.0296 -0.0980 LT=2 7.40 4.08 11.67 12.17	-0.0955 -0.0429 -0.0309 -0.2313 -0.1782 -0.4167 -0.1376 -0.0807 -0.1515 -0.0138 -0.0769 -0.0769 -0.0769	-0.1556 -0.0476 -0.0234 -0.0915 -0.3951 -0.1176 -0.1017 -0.1867 -0.0476 -0.0982 -0.0594 -0.0075 	0.1083 -0.0197 -0.0838 -0.0327 0.1128 -0.4000 0.0221 0.1173 -0.0267 0.1659 0.1377 -0.0553 LT=5 62.15 24.35 24.35 24.35 24.35 24.35 24.35	-0.0900 0.1184 0.0966 -0.1000 -0.2957 -0.1232 -0.0169 -0.2883 -0.1032 -0.1304 0.0965 0.1653 LT=6 54.29 56.22 26.36 22.40
Mar Apr May Jun Jul Aug Sep Oct Nov Dec BS-A/T-25 Jan Feb Mar Apr May Jun Jul Jul	0.1440 0.1670 0.1370 0.0970 0.1460 0.1230 0.1230 0.2990 0.2440 0.2870 LT=1 28.11 50.22 2.69 26.92 23.55 4.67	0.2230 0.1960 0.1560 0.1520 0.1700 0.1700 0.1700 0.1700 0.2710 0.2800 0.2800	0.2180 0.2190 0.1577 0.1650 0.1190 0.1700 0.1700 0.1240 0.1740 0.2260 0.2260 0.2660 LT=3 37.27 45.54 19.11 35.54 72.26 60.59	0.2600 0.1760 0.1750 0.1550 0.1190 0.1050 0.1050 0.1300 0.1970 0.2200 0.2720 0.2630 LT=4 46.68 29.80 10.14 44.30 71.67 58.99	0.2140 0.2070 0.1810 0.1580 0.0967 0.1680 0.1330 0.2310 0.1910 0.2670 LT=5 47.42 36.50 6.82 27.10 72.19 67.53	0.3150 0.2010 0.1870 0.1540 0.1590 0.1590 0.1200 0.2370 0.2600 0.2370 0.2600 0.2370 0.2340 0.2370 1.	Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec BS-A/T-75 Jan Feb Mar Apr May Jun Jul Jul Jul Jul	-0.1400 0.2800 0.0987 0.0927 0.1019 0.2013 0.1608 0.2400 -0.0507 -0.0393 -0.0709 LT=1 12.19 10.49 19.94 3.011 24.95 58.49 50.41	-0.0721 0.0485 -0.0909 -0.1014 0.0357 -0.1958 0.0364 0.1604 0.1810 0.0758 -0.0226 -0.0980 	-0.0955 -0.0429 -0.0309 -0.2313 -0.1782 -0.4167 -0.1376 -0.0807 -0.01515 -0.0138 -0.0769 -0.07	-0.1556 -0.0476 -0.0234 -0.0915 -0.3951 -0.1176 -0.1017 -0.1867 -0.0584 -0.055	0.1083 -0.0197 -0.0838 -0.0327 0.1128 -0.4000 0.0221 0.1173 -0.0267 -0.1659 0.1377 -0.0553 LT=5 62.15 24.35 23.92 16.77 62.36	-0.0900 0.1184 0.0966 -0.1000 -0.1000 -0.1232 -0.0169 -0.1233 -0.1023 -0.1304 0.0965 0.1653 LT=6 54.29 56.22 26.36 22.40 57.92 92.26 58.17
Mar Apr May Jun Jun Jul Aug Sep Oct Nov Dec BS-A/T-25 Jan Feb Mar Apr May Jun Jun Jun Jun	0.1440 0.1670 0.1370 0.0970 0.1460 0.1230 0.2900 0.2900 0.2870 LT=1 28.11 50.22 2.69 26.92 2.69 2.55 4.67	0.2230 0.1960 0.1560 0.1550 0.1080 0.1770 0.1770 0.1770 0.2440 0.2710 0.2800 LT=2 50.00 23.71 10.13 36.62 71.87	0.2180 0.2190 0.1570 0.1650 0.1190 0.1700 0.1240 0.2210 0.2210 0.2660 LT=3 37.27 45.54 19.11 35.54 72.26 66.46	0.2600 0.1760 0.1750 0.1550 0.1550 0.1300 0.1970 0.2200 0.2020 0.2630 LT=4 46.68 29.80 10.14 44.30 71.67	0.2140 0.2070 0.1810 0.1810 0.1580 0.0967 0.1680 0.1330 0.1430 0.2310 0.2910 0.2130 0.2670 LT=5 47.42 36.50 6.82 27.10 72.19	0.3150 0.2010 0.1870 0.1540 0.1490 0.1550 0.1200 0.2100 0.2370 0.2600 0.2340 0.2070 LT=6 39.94 46.93 30.88 36.18 63.41	Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec BS-A/T-75 Jan Feb Mar Apr May Jun Jun Jul Aug Jun Jul Aug Jun Jul Aug Jun Jul Aug Jun	-0.1400 0.2800 0.0997 0.0997 0.1019 0.1705 0.2013 0.1608 0.2400 -0.0507 -0.0383 -0.0709 LT=1 12.19 10.49 19.94 3.01 24.95 58.49	-0.0721 0.0485 -0.0909 -0.1014 0.0357 -0.1958 0.0364 0.1604 0.1810 0.0758 -0.0226 -0.0980 LT=2 7.40 4.08 11.67 12.17 43.89 39.655	-0.0955 -0.0429 -0.0309 -0.2313 -0.1782 -0.4167 -0.1376 -0.0807 -0.1515 -0.0138 -0.0769 -0.076	-0.1556 -0.0476 -0.0234 -0.0915 -0.3951 -0.1176 -0.1017 -0.1867 -0.0982 -0.0584 -0.0982 -0.0584 -0.095 -0.075 -0.0476 -0.0962 -0.0584 -0.095 -0.0584 -0.095 -0.0584 -0.095 -0.0584 -0.095 -0.09	0.1083 -0.0197 -0.0838 -0.0327 0.1128 -0.4000 0.0221 0.1173 -0.0267 0.1659 0.1377 -0.0553 LT=5 62.15 24.35 23.92 16.77 62.36 62.50 49.70	-0.0900 0.1184 0.0966 -0.1000 -0.2957 -0.1232 -0.0169 -0.2883 -0.1304 0.0965 0.1653 LT=6 54.29 56.22 26.36 22.40 57.92 92.26
Mar Apr May Jun Jul Aug Sep Oct Nov Dec BS-A/T-25 Jan Feb Mar Apr May Jun Jul Aug Apr May Apr May Apr May Aug	0.1440 0.1670 0.1370 0.0970 0.1370 0.1230 0.1670 0.2900 0.2900 0.2440 0.2870 0.2870 0.2870 0.2692 0.2692 0.2692 0.2559 1.670	0.2230 0.1960 0.1560 0.1550 0.1700 0.1710 0.1710 0.1600 0.1710 0.2710 0.2800 LT=2 50.00 23.71 10.13 36.62 71.87 63.43 40.62	0.2180 0.2190 0.1577 0.1650 0.1190 0.1700 0.1240 0.2780 0.2210 0.2660 LT=3 37.27 45.54 19.11 35.54 72.26 60.59 66.46	0.2600 0.1760 0.1750 0.1550 0.1190 0.1050 0.1300 0.1200 0.2200 0.2720 0.2630 LT=4 46.68 29.80 10.14 44.30 71.67 58.99 78.62	0.2140 0.2070 0.1810 0.1850 0.0967 0.1680 0.1330 0.1430 0.2310 0.1910 0.2670 LT=5 47.42 27.10 72.19 67.53 63.93 63.93	0.3150 0.2010 0.1870 0.1540 0.1550 0.1200 0.2100 0.2370 0.2600 0.2070 LT=6 39.94 46.93 30.88 36.18 63.41 43.36 94.89 55.09	Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec BS-A/T-75 Jan Feb Mar Apr May Jun Jul Jul Aug	-0.1400 0.2800 0.0987 0.0927 0.1019 0.1705 0.2013 0.1605 0.2400 -0.0507 -0.0383 -0.0709 LT=1 12.19 10.49 19.94 3.01 24.95 58.49 50.41 16.47	-0.0721 0.0485 -0.0909 -0.1014 0.0357 -0.1958 0.0364 0.1604 0.1810 0.0758 -0.0226 -0.0980 LT=2 7.40 4.08 11.67 12.17 43.89 39.65 83.21 61.21	-0.0955 -0.0429 -0.0309 -0.2313 -0.1782 -0.4167 -0.1376 -0.0807 -0.1515 -0.0138 -0.0891 -0.0769 	-0.1556 -0.0476 -0.0234 -0.0915 -0.3951 -0.1176 -0.1187 -0.0476 -0.0982 -0.0594 -0.0594 -0.0594 -0.0594 -0.0594 -0.0594 -0.0594 -0.0595 -0.0075	0.1083 -0.0197 -0.0938 -0.0327 0.1128 -0.4000 0.0221 0.1127 -0.1659 0.1377 -0.0553 LT=5 62.15 24.35 23.92 16.77 62.36 62.50 49.70 79.02	-0.0900 0.1184 0.0966 -0.1000 -0.297 -0.1232 -0.0169 -0.2833 -0.1023 -0.1833 -0.1023 -0.1853 -0.165
Mar Apr May Jun Jul Aug Sep Oct Nov Dec BS-A/T-25 Jan Feb Mar Apr May Jun Jun Jun Aug Sep	0.1440 0.1670 0.1370 0.0970 0.1460 0.1230 0.1230 0.2900 0.2940 0.2870 LT=1 28.111 50.22 2.69 26.92 23.55 4.67 25.71 18.05	0.2230 0.1960 0.1560 0.1550 0.1520 0.1080 0.1710 0.1080 0.1770 0.1720 0.2810 0.2810 0.2710 0.2800 LT=2 50.00 23.71 10.13 36.62 71.87 63.43 40.62 39.38 36.28	0.2180 0.2190 0.1570 0.1657 0.1650 0.1700 0.1240 0.2280 0.2210 0.2660 0.	0.2600 0.1760 0.1750 0.1550 0.1550 0.1050 0.1300 0.2020 0.2020 0.2630 LT=4 46.68 29.80 11.04 44.30 71.67 58.99 78.62 58.14	0.2140/0.2070 0.2070 0.1810 0.1580 0.1580 0.0967 0.1680 0.1330 0.2310 0.1910 0.2670 LT=5 47.42 36.50 6.82 27.10 72.19 67.53 63.93 57.79 67.86	0.3150 0.2010 0.1870 0.1540 0.1490 0.1550 0.1200 0.2100 0.2340 0.2370 0.2600 0.2340 0.2070 LT=6 39.94 46.93 30.88 36.18 63.41 43.36 94.89 95.09	Jan Feb Mar Apr Mar Apr May Jun Jul Aug Sep Oct Nov Dec BS-A/T-75 Jan Feb Mar Apr May Jun Jul Aug Sep	-0.1400 0.2800 0.2800 0.0987 0.0927 0.1019 0.1705 0.2013 0.1608 0.2400 -0.0507 -0.0333 -0.0709 LT=1 12.19 10.49 19.94 3.011 24.95 58.49 50.41 16.47 21.48	-0.0721 0.0485 -0.0909 -0.1014 0.0357 -0.1958 0.0364 0.1810 0.0758 -0.0266 -0.0980 LT=2 7.40 4.08 11.67 12.17 43.89 39.655 83.21 61.21 75.58	-0.0955 -0.0429 -0.0309 -0.2313 -0.17822 -0.4167 -0.1376 -0.1376 -0.0807 -0.1515 -0.0138 -0.0769	-0.1556 -0.0476 -0.0234 -0.0915 -0.1915 -0.1915 -0.1915 -0.1916 -0.0476 -0.0582 -0.0584 -0.0075 -0.0582 -0.058	0.1083 -0.0197 -0.0838 -0.0327 -0.1288 -0.4000 -0.0221 -0.1173 -0.0267 -0.1553 -0.0267 -0.0553 -0.037 -0.037	0.0900 0.1184 0.0966 -0.1000 -0.1000 -0.1292 -0.0169 -0.2893 -0.1023 -0.1304 0.0965 0.1653 LT=6 54.29 56.22 26.36 22.40 57.92 92.26 58.17 70.95
Mar Apr May Jun Jul Aug Sep Oct Dec BS-A/T-25 Jan Mar Apr May Jul Apr May Jul Apr Mar Apr May Jul Aug Sep Oct Oct Oct Oct Oct	0.1440 0.1670 0.1370 0.0970 0.1370 0.1230 0.1670 0.2900 0.2900 0.2440 0.2870 D.2870 D.28692 2.692 2.692 2.555 4.67 2.571 18.05 11.97	0.2230 0.1960 0.1560 0.1550 0.1520 0.1080 0.1710 0.1080 0.1770 0.1720 0.2440 0.2710 0.2800 0.2440 0.2710 0.2800 0.1080	0.2180 0.2190 0.1570 0.1650 0.1190 0.1700 0.1240 0.2240 0.2260 0.2260 0.2660 LT=3 37.27 419.11 35.54 419.11 35.54 42.66 60.98 64.66 60.98 54.56	0.2600 0.1760 0.1750 0.1550 0.1550 0.1990 0.1990 0.2000 0.2200 0.2202 0.2720 0.2630 LT=4 46.68 46.68 44.30 71.67 58.99 78.62 58.14 48.66	0.21400 0.2070 0.1810 0.1580 0.0967 0.1680 0.1330 0.2310 0.2130 0.2670 LT=5 47.42 27.10 72.19 67.53 68.92 27.10 72.19 67.53 67.93 67	0.3150 0.2010 0.1870 0.1540 0.1490 0.1550 0.1200 0.2100 0.2370 0.2000 0.2340 0.2070 LT=6 39.94 43.36 63.41 43.36 94.89 95.09 64.33	Jan Feb Mar Apr May Jun Jul Aug Sep Oct May May Aug	-0.1400 0.2800 0.2800 0.2800 0.0927 0.0927 0.1019 0.1705 0.2013 0.1608 0.2400 0.0507 -0.0383 -0.0709 LT=1 12.19 19.94 3.01 24.95 58.49 50.41 16.47 21.48 6.00	-0.0721 0.0485 -0.0909 -0.1014 0.0357 -0.1958 0.0364 0.1810 0.0758 -0.0226 -0.0980 LT=2 7.40 41.67 12.17 43.89 39.65 33.27 55.58	-0.0955 -0.0429 -0.0309 -0.2313 -0.1782 -0.4167 -0.1376 -0.0807 -0.1515 -0.0138 -0.0769 -0.0769 -0.0807 -0.080	-0.1556 -0.0476 -0.0234 -0.0915 -0.1976 -0.1176 -0.1177 -0.1867 -0.0476 -0.0952 -0.0584 -0.0075 -0.0584 -0.075 -0.0962 -0.0584 -0.075 -0.0962 -0.0584 -0.075 -0.0962 -0.0584 -0.075 -0.0962 -0.0584 -0.075 -0.0962 -0.0584 -0.075 -0.0962 -0.0584 -0.075 -0.0962 -0.0584 -0.075 -0.0962 -0.0584 -0.075 -0.0962 -0.0584 -0.075	0.1083 -0.0197 -0.0197 -0.0327 -0.1128 -0.4000 -0.0221 -0.107 -0.0267 -0.1553	-0.0900 0.1184 0.0966 -0.1000 -0.1023 -0.0169 -0.2895 -0.1023 -0.1023 -0.1034 -0.0965 0.1653 LT=6 54.29 56.22 22.40 57.92 92.26 55.79 92.26 84.81

Table 9: Skill scores in the Nelson

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BS-theo-25	LT=1	LT=2	LT=3	I T=4	LT=5	LT=6	BSS-theo-25	LT=1	LT=2	LT=3	LT=4	LT=5	LT=6
Jan	0.0044	0.0291	0.0160	0.0684	0.0977	0.1130	Jan	0.8676	-6.2388	0.2195	0.0976	-0.0427	0.1630
Feb	0.0373	0.0094	0.0202	0.0004	0.0806	0.0875	Feb	-0.6878	0.2192	-0.2866	0.5231	-0.1273	0.1026
Mar	0.0612	0.0359	0.0240	0.0342	0.0276	0.0018	Mar	-0.4134	-0.2128	0.0283	-1.1242	0.0450	-0.5377
Apr	0.0986	0.1630	0.1630	0.1740	0.2190	0.2020	Apr	0.3105	0.1376	0.1466	0.0595	-0.3519	-0.1676
May	0.0609	0.1080	0.1250	0.1750	0.1710	0.2120	May	0.0272	0.1220	0.1554	-0.1824	-0.0118	-0.1648
Jun	0.0680	0.0829	0.1680	0.1790	0.1640	0.2420	Jun	-6.4074	0.2598	-0.1915	-0.1118	-0.0123	-0.4938
Jul	0.1020	0.1080	0.1170	0.1790	0.1890	0.1780	Jul	-1.2030	-1.0690	0.0859	-0.1258	-0.0559	-0.0114
Aug	0.1220	0.1320	0.1320	0.1250	0.2180	0.2130	Aug	-1.5957	-0.2816	-0.1579	0.2188	-0.2044	-0.2312
Sep	0.0466	0.1310	0.1490	0.2130	0.1710	0.1810	Sep	-0.0787	-0.0397	-0.0205	-0.2529	0.0284	0.0321
Oct	0.0441	0.0901	0.1610	0.1640	0.2160	0.1520	Oct	-0.2115	0.0415	-0.0952	-0.0123	-0.2000	0.1602
Nov	0.0061	0.0948	0.1010	0.1560	0.1610	0.2050	Nov	0.6189	-0.3640	-0.1464	-0.0612	-0.0662	-0.2059
Dec	0.0344	0.0146	0.1020	0.1160	0.1460	0.1680	Dec	-0.0269	0.5829	-0.3546	-0.0545	0.0267	0.0000
BS-theo-75	LT=1	LT=2	LT=3	LT=4	LT=5	LT=6	BSS-theo-75	LT=1	LT=2	LT=3	LT=4	LT=5	LT=6
Jan	0.0000	0.0234	0.0755	0.1290	0.2030	0.1740	Jan	NA.	0.2909	0.2525	0.0786	-0.2012	-0.0116
Feb	0.0345	0.0543	0.0732	0.1030	0.1780	0.2200	Feb	0.0227	-0.0442	0.1766	0.2536	-0.1410	-0.2429
Mar	0.0289	0.0353	0.0438	0.0684	0.0923	0.1500	Mar	-58.2213	-0.0633	-0.0868	0.0087	0.2308	-0.1029
Apr	0.1080	0.2350	0.1980	0.1680	0.2220	0.2060	Apr	0.1496	-0.2368	-0.0102	0.2038	-0.1156	-0.0300
May	0.1290	0.1120	0.1410	0.1540	0.1290	0.1350	May	-1.1287	0.1040	-0.1371	-0.1667	0.2412	0.2241
Jun	0.1210	0.1370	0.1140	0.1820	0.1400	0.1990	Jun	-3.5660	-0.1913	0.0579	-0.2215	0.1617	-0.1845
Jul	0.0959	0.1090	0.1050	0.1200	0.1680	0.1740	Jul	-2.4873	-0.6006	0.1250	0.1111	-0.1507	-0.1373
Aug	0.1290	0.1080	0.1640	0.1500	0.1440	0.2000	Aug	-2.4309	0.0526	-0.1549	0.0506	0.1000	-0.1696
Sep	0.1450	0.0887	0.1560	0.1590	0.1990	0.1470	Sep	-1.1137	-0.2184	-0.4312	-0.3140	-0.2675	-0.0809
Oct	0.0953	0.1220	0.1450	0.1350	0.1680	0.1750	Oct	-3.9895	-0.0083	-0.1328	-0.1538	-0.2353	-0.0736
Nov	0.1280	0.1070	0.1850	0.1640	0.1850	0.2220	Nov	-3.5552	0.0531	-0.2759	-0.0933	-0.2759	-0.3293
Dec	0.0099	0.0730	0.1300	0.2100	0.1440	0.1850	Dec	-82.3613	0.1816	0.0226	-0.2963	0.1628	-0.1491
BS-act-25	LT=1	LT=2	LT=3	LT=4	LT=5	LT=6	BSS-act-25	LT=1	LT=2	LT=3	LT=4	LT=5	LT=6
Jan	0.3800	0.4020	0.3510	0.3220	0.3700	0.3480	Jan	-0.0354	-0.0836	-0.0541	-0.1459	-0.4859	-0.4561
	0.3760	0.4020	0.3930	0.3550	0.3470	0.3410	Feb	-0.0354	-0.0836	-0.0541	-0.1459	-0.4659	-0.4561
Feb Mar	0.3760	0.3730	0.3510	0.3290	0.3540	0.3050	Mar	-0.0273	-0.0219	-0.0593	0.0706	-0.2305	-0.0410
	0.3940	0.3300	0.3510	0.3250	0.2540	0.3030		-0.3602	-0.2793	-0.4278	-0.2304	-0.0920	-0.2562
Apr May	0.2970	0.2230	0.2100	0.2000	0.2340	0.2490	Apr Mav	-0.3002	-0.2793	-0.4278	-0.2304	-0.2031	-0.2388
Jun	0.4200	0.3680	0.2410	0.2030	0.1760	0.1820	Jun	-0.1111	-0.3237	0.0549	-0.1233	0.0000	0.1034
Jul	0.4200	0.3200	0.2410	0.2520	0.1700	0.1840	Jul	-0.0246	-0.1034	-0.2834	-0.1351	-0.1739	-0.0952
Aug	0.3760	0.3500	0.2410	0.2640	0.2420	0.2010	Aug	-0.3239	-0.4170	0.0041	-0.2110	-0.1980	-0.1618
Sep	0.3800	0.2880	0.3010	0.2070	0.2680	0.2240	Sep	-0.0734	-0.2522	-0.3378	0.0591	-0.2823	-0.0566
Oct	0.4080	0.3260	0.2640	0.2430	0.1980	0.2430	Oct	-0.1148	-0.2587	-0.1681	-0.1571	0.0435	-0.1912
Nov	0.4550	0.3250	0.3070	0.2650	0.2330	0.2110	Nov	-0.1098	-0.0726	-0.1762	-0.2500	-0.0888	-0.0193
Dec	0.4340	0.4150	0.3020	0.3100	0.2910	0.2410	Dec	-0.0023	-0.1067	-0.0272	-0.1742	-0.3288	-0.1262
BS-act-75	LT=1	LT=2	LT=3	LT=4	LT=5	LT=6	BSS-act-75	LT=1	LT=2	LT=3	LT=4	LT=5	LT=6
Jan	0.2000	0.1610	0.1570	0.1470	0.2150	0.2170	Jan	0.0000	-0.0592	-0.6286	-0.2458	-0.3961	-0.4000
Feb	0.3100	0.2360	0.2050	0.1530	0.1660	0.2270	Feb	-0.1111	0.0484	-0.1141	-0.2645	-0.1528	-0.4367
Mar	0.3440	0.2800	0.2260	0.1840	0.2270	0.1720	Mar	-0.0488	-0.0687	0.0583	0.0265	-0.3275	0.0227 -0.3936
Apr Mav	0.1740	0.1990	0.2600	0.2100	0.2030	0.2620	Apr Mav	-0.0175 -0.2297	-0.1243 0.3293	-0.4525 0.0833	-0.1475 -0.0049	-0.1404 0.0648	0.0773
Jun	0.2570	0.1120	0.1650	0.2040	0.2020	0.1910	Jun	-0.2297	-0.2905	0.0833	-0.0049	0.0648	-0.3464
Jul	0.2790	0.2710	0.2660	0.2730	0.1870	0.2410	Jun Jul	-0.2455	-0.2905	-0.0112	0.0433	-0.1397	-0.3464
Aug	0.2050	0.1500	0.1470	0.1990	0.2040	0.2250	Aug	0.0577	-0.4138	-0.0138	0.0433	-0.1397	-0.2561
Sep	0.1470	0.1300	0.1860	0.1260	0.1660	0.2060	Sep	0.0577	-0.0490	-0.0128	-0.0857	-0.0120	0.0393
Oct	0.1680	0.1370	0.1510	0.2010	0.1800	0.1710	Oct	-0.0307	-0.0787	0.1703	-0.1044	-0.0112	-0.1737
Nov	0.1340	0.1070	0.1310	0.1760	0.1860	0.2280	Nov	-0.5896	-0.0190	-0.2815	-0.1044	-0.0112	-0.1737
Dec	0.1340	0.1070	0.1750	0.2220	0.2230	0.1790	Dec	-0.0492	-0.4192	0.1969	-0.1210	-0.2458	-0.2193
200	0.2110	0.2370	0.1000	0.2220	0.2230	0.1790	Dec	-0.0432	-0.7132	0.1303	-0.0330	-0.2400	-0.0113
BS-A/T-25	LT=1	LT=2	LT=3	LT=4		LT=6	BS-A/T-75	LT=1	LT=2	LT=3	LT=4	LT=5	LT=6
Jan	1.16	7.24	4.56	21.24	26.41	32.47	Jan	0.00	14.53	48.09	87.76	94.42	80.18
Feb	9.92	2.51	5.14	3.77	23.23	25.66	Feb	11.13	23.01	35.71	67.32	107.23	96.92
Mar	15.53	10.08	6.84	10.40	7.80	30.10	Mar	8.40	12.61	19.38	37.17	40.66	87.21
Apr	34.36	71.18	63.42	74.04	86.22	79.22	Apr	62.07	118.09	76.15	80.00	109.36	78.63
May	20.51	48.43	59.52	87.50	74.03	85.14	May	50.19	100.00	85.45	75.49	63.86	70.68
Jun	16.19	22.53	69.71	88.18	93.18	132.97	Jun	43.37	50.55	42.86	66.67	74.87	82.57
Jul	24.46	33.75	36.91	71.03	100.00	96.74	Jul	46.78	66.46	71.43	60.30	82.35	77.33
Aug	32.45	37.71	54.77	47.35	90.08	105.97	Aug	87.76	72.00	103.80	119.05	85.71	97.09
Sep	12.26	45.49	49.50	102.90	63.81	80.80	Sep	85.80	64.74	83.87	83.68	94.31	85.96
Oct	10.81	27.64	60.98	67.49	109.09	62.55	Oct	56.73	58.94	96.03	67.16	93.33	78.48
Nov	1.33	29.17	32.90	58.87	69.10	97.16	Nov	95.52	100.00	106.94	93.18	85.65	97.37
Dec	7.93	3.52	33.77	37.42	50.17	69.71	Dec	3.58	30.80	83.87	94.59	64.57	103.35

Table 10: Skill scores in the Ob

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Jan	DC than DE	li T a	li Tio	li Tio	li T 4	li T. c	IT C	DCC #hair OF	17.4	IT 0	IT 2	li T 4	li T. c	li T. c
Feb	BS-theo-25								0 0000					
May 0.0011 0.0027 0.0088 0.0087 0.0097 0.0098 0.0086 0.00														
Apr														
May 0.1899														
1.00														
Math														
Aug 0.1250 0.1470 0.2120 0.1690 0.1700 0.1620 0.0000 0.1000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.1000 0.10000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.00000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.00000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.00000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.00000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.00000 0.0000 0.0000 0.00000 0.00000 0.0000 0.00000 0.0000 0.000000														
Sep														
Dec														
Nov 0.0667 0.0668 0.0699 0.0311 0.1540 0.1760														
Best														
Jan	Dec	0.0003		0.0609	0.0311	0.1540	0.1800		-2.4678	0.2182	-0.5575	0.6013	-0.1407	-0.1180
Jan	,							-						
Jan	DC than 75	I T_1	II T_2	I T_2	II T_4	I T_6	I T_6	DCC than 76	I T_1	I T_2	I T_2	II T_4	I T_E	II T_6
Feb 0.0140 0.0140 0.0390 0.0425 0.0427 0.1040 Feb 0.2266 0.5989 0.0468 0.2460 0.0468 0.2160 Mary 0.0659 0.0069 0.0010 0.0072 0.0076 May 0.0555 0.0668 0.0060 0.1030 0.1042 0.0074 May 0.0552 0.0668 0.0660 0.1030 0.0222 0.00661 0.0760 May 0.0552 0.0668 0.0660 0.1030 0.0222 0.00661 0.0760 May 0.2222 0.1351 0.0222 0.1125 0.0652 May 0.0562 0.0666 0.1060 0.0502 0.00661 0.0760 0.1660 0.0661 0.0066 0.0661 0.0066 0.0661 0.0066 0.0661 0.0066 0.0661 0.0066 0.0661 0.0066 0.0661 0.0066 0.0661 0.0066 0.0661 0.0066 0.0661 0.0066 0.0661 0.0066 0.0661 0.0066 0.0661 0.0066 0.0661 0.0066 0.0661 0.0066 0.0661 0.0661 0.0066 0.0661 0														
Mar														
Apr														
May 0.0562 0.0968 0.1360 0.0923 0.0661 0.0760 0.1750 0.1440 0.1590 0.2060 0.1750 0.1450 0.1750 0.1440 0.1590 0.2060 0.1780 0.1750 0.1440 0.0340 0.2440 0.2090 0.18														
Jun														
July 0.1380 0.2480 0.2400 0.2990 0.1980 0.1980 0.1980 0.1980 0.1980 0.1090 0.1010 0.2101 0.2101 0.2101 0.2101 0.2101 0.1700 0.2100 0.1730 0.1910 0.2040 0.1830 0.2990 0.0290 0.0000 0.1730 0.1910 0.2040 0.1830 0.2990 0.00000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.00000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.00000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.00000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.00000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.00000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.000000 0.000000 0.00000000		0.1770							-2.3396					
Aug		0.1360							-0.1333					-0.0500
Sep														
Oct 0.0391 0.1400 0.1740 0.1750 0.1800 DOS 0.0160 0.0881 0.0727 0.1700 0.2200 Nov 2.447777 0.0836 0.0202 0.0961 0.09710 0.2200 BS-act-25 LT=1 LT=2 LT=3 LT=4 LT=6 LT=6 LT=6 LT=6 LT=6 LT=6 LT=6 LT=6 LT=6 LT=1 LT=2 LT=3 LT=4 LT=6 LT=6 <td></td> <td></td> <td></td> <td></td> <td>0.2040</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>					0.2040									
Nov					0.1750				-3.6000		0.0000			0.1667
Dec			0.0581											-0.2500
Jan		0.0410	0.0540	0.0504	0.0959	0.1620	0.1840			-0.5836	-0.0020	0.2735	-0.0125	-0.1572
Jan														
Jan	D0 05	li T 4	U T O	li T o	U = 4	D T .	I T O	D00 05	17.4	I T O	LT 0	U.T. 4	D.T. C	LT 0
Feb														
Mar														
Apr														
May														
Jun														
1														
Aug 0.3970 0.2560 0.2420 0.2000 0.2580 0.4660 0.2990 0.2270 0.2160 0.2200 0.2200 0.2200 0.2270 0.2160 0.2270 0.2160 0.2270 0.2270 0.2160 0.2270 0.2160 0.2270 0.2270 0.2270 0.2270 0.2460 0.2270 0.2240 0.2270 0.2460 0.2870 0.2280 0.2270 0.2460 0.2870 0.2280 0.2270 0.2460 0.2870 0.2870 0.2870 0.2870 0.2870 0.2870 0.2870 0.2870 0.2870 0.2870 0.2870 0.2870 0.2870 0.2870 0.2870 0.2870 0.2670 0.2870 <td></td>														
Sep														
Oct 0.4820 0.3760 0.2930 0.2730 0.2410 0.2530 Nov 0.4670 0.4890 0.3200 0.3240 0.3080 0.3200 0.3240 Dec 0.4670 0.4890 0.3470 0.3480 0.3080 0.3010 BS-act-75 LT=1 LT=2 LT=3 LT=4 LT=5 LT=6 Jan 0.4180 0.4440 0.4780 0.4630 0.4190 0.3110 Feb 0.3770 0.3680 0.3690 0.4960 0.3690 0.4660 0.3980 0.2950 Mar 0.4550 0.3780 0.3600 0.4660 0.3980 0.2950 Mar -0.0196 -0.0475 -0.0758 0.00113 -0.0241 0.0024 May 0.2180 0.2320 0.2600 0.4060 0.3980 0.2950 Mar -0.0053 0.0071 -0.0177 -0.0380 0.0240 0.0250 0.0240 0.0250 0.0240 0.0060 0.0060 0.0060 0.0060 <t< td=""><td></td><td>0.00.0</td><td></td><td></td><td></td><td></td><td></td><td></td><td>0.0200</td><td></td><td></td><td></td><td></td><td>-0.1055</td></t<>		0.00.0							0.0200					-0.1055
Nov 0.4870 0.4580 0.4590 0.4590 0.3320 0.3080 0.2840		0.4620		0.2930	0.2730	0.2410			-0.1186	-0.3381			-0.1005	-0.1878
BS-act-75 LT=1 LT=2 LT=3 LT=4 LT=5 LT=6 LT		0.4670	0.4580	0.4500	0.3320	0.3080	0.2840		-0.1146	-0.0827	-0.3514	-0.2969	-0.3391	-0.2241
Jan	Dec	0.4670	0.4890	0.4670	0.4490	0.3480	0.3010	Dec	-0.0065	-0.0516	-0.0424	-0.2612	-0.3182	-0.2438
Jan														
Jan	DC and 7E	li T 4	li Tin	li Tin	li T 4	li T. c	IT C	DCC +++ 75	1.7.4	IT 0	I T 2	li T 4	li T c	li T. c
Feb 0.3770 0.3860 0.3770 0.3840 0.3990 0.2950 0.2950 Mar 0.4550 0.3770 0.3700 0.3840 0.3990 0.2950 0.7810 Mar 0.0530 0.0031 0.01371 0.00358 0.0024 0.0026 0.0259 0.0731 Apr 0.2520 0.2330 0.2450 0.2490 0.2300 0.2460 0.2500 0.2330 0.2460 0.2450 0.2450 0.2450 0.2460 0.2560 0.2450 0.2450 0.2450 0.2450 0.2450 0.2450 0.2450 0.2450 0.2450 0.2450 0.2450 0.2450 0.2550 0.2450 0.256														
Mar 0.4550 0.3760 0.4060 0.3980 0.4070 Mar -0.0053 0.0081 -0.0134 -0.0026 0.0259 0.0781 Apr 0.2820 0.2390 0.2450 0.2460 0.2490 0.2460 Apr -0.0181 0.0027 0.0674 -0.0684 0.0149 -0.0048 May 0.2310 0.2180 0.2320 0.2600 0.2430 0.2540 May -0.1850 0.0128 -0.0189 -0.0049 0.0048 -0.1189 0.0240 0.2540 0.2400 0.2500 0.2430 0.2560 0.2400 0.2500 0.2300 0.2260 0.2400 0.2500 0.2400 0.2500 0.2400 0.2500 0.2400 0.2500 0.2400 0.2500 0.2400 0.2500 0.2400 0.2500 0.2400 0.2500 0.2400 0.0580 0.0271 0.0175 0.04160 0.0330 0.3230 0.2330 0.2330 0.2330 0.2400 0.2500 0.0800 0.01266 0.0576 0.0810 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>														
Apr 0.2820 0.2330 0.2450 0.2490 0.2300 0.2460 Apr -0.0911 0.0207 0.0674 -0.0684 0.0149 -0.0090 May 0.2310 0.2250 0.2300 0.2300 0.2480 0.2540 0.1918 0.0090 0.0000						0.000							0.02	
May 0.2310 0.2180 0.2320 0.2600 0.2430 0.2540 May -0.1685 0.0128 -0.0748 -0.1018 0.0000 -0.0123 Jun 0.1540 0.2520 0.12920 0.2330 0.1680 0.1670 1.01890 0.2370 0.2200 0.2340 0.2750 0.2260 1.01890 0.2370 0.2200 0.2340 0.2750 0.2260 1.01890 0.2370 0.2300 0.2400 0.2750 0.2260 1.01890 0.2370 0.2300 0.2400 0.2750 0.2501 0.2510 0.2500 0.2400 0.2600 8p -0.0840 -0.0153 -0.0841 -0.0260 9.0840 -0.0155 -0.0840 -0.0155 -0.0840 -0.0155 -0.0840 -0.0155 -0.0840 -0.0156 -0.1748 -0.0724 -0.0041 -0.0724 -0.0041 -0.0724 -0.0042 -0.0247 -0.0040 -0.0160 -0.0291 -0.0230 0.2260 0.2600 9.0840 -0.01560 -0.01726 -0.0160 -0.0215 </td <td></td> <td>-0.0049</td>														-0.0049
Jun 0.1540 0.2250 0.1920 0.2330 0.1860 0.1670 Jun 0.1923 0.0046 0.1208 0.1872 0.00429 0.1092 Jul 0.1890 0.2370 0.2290 0.2340 0.2750 0.2260 0.2340 0.2750 0.2260 0.2340 0.2750 0.2260 0.3540 0.2750 0.2370 0.2350 0.2401 0.2510 0.2510 0.3540 0.2370 0.2370 0.2350 0.2401 0.2510 0.2510 0.3540 0.3270 0.2370 0.2350 0.2420 0.2580 0.2600 0.2510 0.2510 0.3540 0.33910 0.3210 0.2730 0.3150 0.3410 0.0050 0														
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Aug 0.2180 0.1970 0.2400 0.2530 0.2010 0.2510 Aug -0.1053 0.2216 -0.0377 0.1334 -0.2285 -0.0240 0.2560 Sep 0.0840 -0.0155 -0.0237 0.2350 0.2320 0.2340 0.2650 0.2670 0.2680 0.0240 0.0260 0.0243 0.2026 0.0243 0.2026 0.0243 0.2026 0.0243 0.2026 0.0230 0.2840 0.0155 -0.1866 -0.1748 0.1748 0.2290 0.0240 -0.0130 -0.0360 -0.1748 0.1748 0.2028 0.0260 0.02717 -0.1778 -0.2588 0.0240 0.0130 -0.0360 -0.0176 -0.0177 -0.1778 -0.2588 BS-AVT-25 LT=1 LT=2 LT=3 LT=4 LT=5 LT=6 LT=6 Jan 5.77 7.14 8.76 36.69 Feb 3.71 3.80 10.034 11.07 10.778 35.25 Mar 6.66 4.90 5.97 7.14														
Sep 0.3540 0.2370 0.2350 0.2420 0.2480 0.2600					0.2530	0.2010					-0.0377			-0.0813
Oct 0.4160 0.3910 0.2730 0.3150 0.3410 Oct -0.0860 0.1576 -0.1784 0.1784 0.2890 Nov 0.3800 0.3330 0.2320 0.2400 0.2650 0.2870 Nov -0.0400 -0.0130 -0.0323 0.3231 0.3232 0.0232 0.0260 0.01717 0.1778 0.2588 0.0260 0.000 0.06 0.0372 7.14 8.76 3.668 7.36 3.668 7.36<		0.3540		0.2350								-0.1878		
Nov 0.3800 0.3330 0.3230 0.2840 0.2650 0.2870 Nov 0-0.0400 0.0130 0.0808 0.1328 0.3291 0.4828 Dec 0.0160 0.0215 0.0660 0.0717 0.1778 0.2588 Dec 0.0160 0.0215 0.0660 0.0717 0.1778 0.4588 Dec 0.0160 0.0215 0.0660 0.0		0.4160				0.3150					-0.1576			
BS-A/T-25 LT=1 LT=2 LT=3 LT=4 LT=5 LT=6 Jan 6.66 4.90 5.97 7.14 8.76 36.66 Jan 7.18 4.05 7.99 10.78 20.41 45.98 Feb 0.00 0.06 0.13 0.13 0.13 7.30 12.69 Mar 0.24 0.81 1.85 0.88 0.39 6.37 Apr 6.11 13.07 13.75 14.49 13.30 13.70 May 63.53 69.86 72.66 52.76 79.99 61.37 Jun 11.49 47.24 26.36 80.46 72.45 Jun 27.64 80.14 74.37 70.08 61.48 81.43 Jul 27.64 80.14 74.37 70.08 61.48 81.43 Jul 27.64 80.14 74.37 70.08 61.48 81.43 Oct 13.42 16.12 37.88 53.48 72.20 78.66 Oct 13.42 16.12 37.88 53.48 72.20 78.66 Oct 9.40 35.81 54.21 64.10 57.46 33.98 Nov 14.28 12.64 19.22 33.76 54.55 61.62	Nov			0.3230		0.2650		Nov				-0.1328	-0.3291	
Jan 6.66 4.90 5.97 7.14 8.76 36.69 Jan 7.18 4.05 7.99 10.78 20.41 45.98 Feb 0.00 0.06 0.13 0.13 0.13 7.30 12.89 Feb 3.71 3.80 10.34 11.07 10.78 35.22 Mar 0.24 0.81 1.85 0.88 0.39 6.37 Mar 1.51 0.30 1.99 3.50 1.86 18.55 May 63.55 68.86 72.66 52.76 78.09 61.37 Mar 1.65.3 36.47 43.27 41.37 61.30 43.08 Jul 33.33 37.82 57.42 63.68 70.36 72.43 Jun 114.94 72.69 82.81 88.41 95.70 104.79 Jul 27.64 80.14 74.37 70.08 61.48 81.43 Jul 71.96 102.53 109.39 89.32 72.00 83.63	Dec	-0.0160	-0.0215	-0.0660	-0.0717	-0.1778	-0.2588	Dec	-0.0160	-0.0215	-0.0660	-0.0717	-0.1778	-0.2588
Jan 6.66 4.90 5.97 7.14 8.76 36.69 Jan 7.18 4.05 7.99 10.78 20.41 45.98 Feb 0.00 0.06 0.13 0.13 0.13 7.30 12.89 Feb 3.71 3.80 10.34 11.07 10.78 35.22 Mar 0.24 0.81 1.85 0.88 0.39 6.37 Mar 1.51 0.30 1.99 3.50 1.86 18.55 May 63.55 68.86 72.66 52.76 78.09 61.37 Mar 1.65.3 36.47 43.27 41.37 61.30 43.08 Jul 33.33 37.82 57.42 63.68 70.36 72.43 Jun 114.94 72.69 82.81 88.41 95.70 104.79 Jul 27.64 80.14 74.37 70.08 61.48 81.43 Jul 71.96 102.53 109.39 89.32 72.00 83.63														
Jan 6.66 4.90 5.97 7.14 8.76 36.69 Jan 7.18 4.05 7.99 10.78 20.41 45.98 Feb 0.00 0.06 0.13 0.13 0.13 7.30 12.89 Feb 3.71 3.80 10.34 11.07 10.78 35.22 Mar 0.24 0.81 1.85 0.88 0.39 6.37 Mar 1.51 0.30 1.99 3.50 1.86 18.55 May 63.55 68.86 72.66 52.76 78.09 61.37 Mar 1.65.3 36.47 43.27 41.37 61.30 43.08 Jul 33.33 37.82 57.42 63.68 70.36 72.43 Jun 114.94 72.69 82.81 88.41 95.70 104.79 Jul 27.64 80.14 74.37 70.08 61.48 81.43 Jul 71.96 102.53 109.39 89.32 72.00 83.63	RS-A/T-25	I T-1	I T-2	II T=3	II T=4	I T-5	I T=6	RQ.A/T.76	I T-1	I T=2	I T=3	II T=4	II T-5	IIT-6
Feb 0.00 0.06 0.13 0.13 7.30 12.69 Feb 3.71 3.80 10.34 11.07 10.78 35.25 Mar 0.24 0.81 1.85 0.88 0.39 6.37 Mar 1.51 0.30 1.99 3.50 1.86 18.55 Apr 6.11 13.07 13.75 14.49 13.30 13.70 Apr 16.53 36.47 43.27 41.37 61.30 43.09 May 63.53 69.86 72.66 52.76 79.09 61.37 May 24.33 45.23 58.62 35.50 27.20 30.28 Jun 33.33 37.82 57.42 63.68 70.36 70.36 72.43 Jun 114.94 72.89 82.81 88.41 95.70 104.79 Jul 27.64 80.14 74.37 70.08 61.48 81.43 Jul 171.96 102.53 109.09 89.32 72.00 83.63 Aug 31.49 58.80 79.70 68.38 85.00 64.03 Aug 64.22 102.03 89.17 58.89 80.11 55.25 Sep 25.37 45.15 70.48 83.33 81.47 75.45 Sep 30.79 73.00 81.28 84.30 73.79 80.38 Oct 13.42 15.12 37.88 53.48 72.20 78.66 Oct 9.40 35.81 54.21 64.10 57.46 43.99 Nov 14.28 12.64 19.22 39.76 54.55 61.62														
Mar 0.24 0.81 1.85 0.88 0.39 6.37 Mar 1.51 0.30 1.99 3.50 1.86 18.55 Apr 6.11 13.07 13.75 14.49 13.30 13.70 14.79 15.11 0.30 1.99 3.50 1.86 18.55 May 63.53 69.86 72.66 52.76 79.09 61.37 May 24.33 45.23 58.62 35.50 27.20 30.28 Jul 27.64 80.14 74.57 70.08 61.48 81.43 Jul 71.96 102.53 190.99 89.32 72.00 83.53 Aug 31.49 58.80 79.70 69.83 85.00 64.03 Aug 64.22 102.03 89.17 58.89 98.01 85.26 Sep 25.37 45.15 70.48 83.33 73.79 80.38 85.00 64.03 Aug 64.22 102.03 89.17 58.89 98.01 85.26 </td <td></td>														
Apr 6.11 13.07 13.75 14.49 13.30 13.70 Apr 16.53 36.47 43.27 41.37 61.30 43.09 May 63.53 69.86 72.66 52.76 79.09 61.37 May 24.33 45.23 58.62 35.50 27.20 30.28 Jun 33.33 37.82 57.42 63.68 70.36 72.43 Jun 114.94 72.99 82.81 88.41 95.70 104.79 Jul 27.64 80.14 74.37 70.08 61.48 81.43 Jul 71.96 102.53 109.09 89.32 72.00 83.63 Aug 31.49 58.80 79.70 68.83 85.00 64.03 Aug 64.22 102.03 89.17 58.89 98.01 85.26 Sep 25.37 45.15 70.48 83.33 81.47 75.45 Sep 30.79 73.00 81.28 84.30 73.79 80.38 <														
May 63.53 69.86 72.66 52.7e 79.09 61.37 May 24.33 45.23 58.62 35.50 27.20 30.28 Jun 33.33 37.82 57.42 63.68 72.43 Jun 114.94 72.98 82.81 88.41 95.70 104.79 Jul 27.64 80.14 74.37 70.08 61.48 81.43 Jul 71.96 102.53 109.09 89.32 72.00 83.63 Aug 31.49 58.80 79.70 69.83 85.00 64.03 Aug 64.22 102.03 89.17 56.89 98.01 85.26 Sep 25.37 43.15 70.48 83.33 31.47 75.45 Sep 30.79 73.00 81.28 84.30 73.79 80.38 Oct 13.42 16.12 37.88 55.48 72.20 78.66 Oct 9.40 35.81 54.21 64.10 57.46 43.99 Nov <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>														
Jun 33.33 37.82 57.42 63.68 70.36 72.43 Jun 114.94 72.89 82.81 88.41 95.70 104.79 Jul 27.64 80.14 74.37 70.08 61.48 81.43 Jul 71.96 102.53 109.09 89.32 72.00 83.63 Aug 31.49 58.80 79.70 69.83 85.00 64.03 Aug 64.22 102.03 89.17 58.89 98.01 85.26 Sep 25.37 45.15 70.48 83.33 81.47 75.45 Sep 30.79 73.00 81.28 84.30 73.79 80.38 Oct 13.42 16.12 37.88 53.48 72.20 78.66 Oct 9.40 35.81 54.21 64.10 57.46 43.99 Nov 14.28 12.64 19.22 39.76 54.55 61.62 Nov 4.21 17.45 22.51 49.30 64.15 76.66														
Jul 27.64 80.14 74.37 70.08 61.48 81.43 Jul 71.96 102.53 109.09 83.32 72.00 83.62 Aug 31.49 58.80 79.70 69.83 85.00 64.03 Aug 64.22 102.03 89.17 58.89 98.01 85.26 Sep 25.37 45.15 70.48 83.33 81.47 75.45 Sep 30.79 73.00 81.28 84.30 73.79 80.38 Oct 13.42 16.12 37.88 53.48 72.20 78.66 Oct 9.40 35.81 54.21 64.10 57.46 43.99 Nov 14.28 12.64 19.22 39.76 54.55 61.62 Nov 4.21 17.45 22.51 49.30 64.15 76.66														
Aug 31.49 58.80 79.70 69.83 85.00 64.03 Aug 64.22 102.03 89.17 58.89 98.01 85.26 Sep 25.37 45.15 70.48 83.33 81.47 75.45 Sep 30.79 73.00 81.28 84.30 73.79 80.38 Oct 13.42 16.12 37.88 53.48 72.20 78.66 Oct 9.40 35.81 54.21 64.10 57.46 43.99 Nov 14.28 12.64 19.22 39.76 54.55 61.62 Nov 4.21 17.45 22.51 49.30 64.15 76.66														83.63
Sep 25.37 45.15 70.48 83.33 81.47 75.45 Sep 30.79 73.00 81.28 84.30 73.79 80.38 Oct 13.42 16.12 37.88 53.48 72.20 78.66 Oct 9.40 35.81 54.21 64.10 57.46 43.99 Nov 14.28 12.64 19.22 39.76 54.55 61.62 Nov 4.21 17.45 22.51 49.30 64.15 76.66														
Oct 13.42 16.12 37.88 53.48 72.20 78.66 Oct 9.40 35.81 54.21 64.10 57.46 43.99 Nov 14.28 12.64 19.22 39.76 54.55 61.62 Nov 4.21 17.45 22.51 49.30 64.15 76.66		25.37	45.15	70.48	83.33				30.79		81.28			80.38
Nov 14.28 12.64 19.22 39.76 54.55 61.62 Nov 4.21 17.45 22.51 49.30 64.15 76.66			16.12	37.88	53.48	72.20	78.66		9.40	35.81	54.21	64.10	57.46	43.99
Dec 0.06 7.03 13.04 6.93 44.25 59.80 Dec -255.57 -251.49 -76.36 -133.76 -91.13 -71.11			12.64	19.22		54.55			4.21			49.30	64.15	
	Dec	0.06	7.03	13.04	6.93	44.25	59.80	Dec	-255.57	-251.49	-76.36	-133.76	-91.13	-71.11
		_	_											

Table 11: Skill scores in the Lena

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BS-theo-25	LT=1	LT=2	LT=3	LT=4	LT=5	LT=6	BSS-theo-25	LT=1	LT=2	LT=3	LT=4	LT=5	LT=6
Jan	0.1180	0.1520	0.1990	0.2370	0.2070	0.2010	Jan	0.2716	0.2245	-0.0102	-0.1618	-0.0670	-0.0308
Feb	0.1180	0.2120	0.1470	0.2480	0.2080	0.1920	Feb	-0.2540	0.0047	0.2222	-0.2525	-0.0076	0.0400
Mar	0.1110	0.1780	0.2180	0.2100	0.2290	0.1320	Mar	-0.2540	-0.0230	-0.1913	-0.1413	-0.1927	-0.3722
Apr	0.0471	0.1780	0.1670	0.2340	0.2320	0.1910	Apr	0.5337	-0.0230	0.0457	-0.1413	-0.1327	0.0354
May	0.0471	0.1690	0.1400	0.2040	0.2320	0.2020	May	-0.2575	0.3720	0.0437	-0.1676	-0.1392	0.0000
Jun	0.0833	0.1400	0.1400	0.1850	0.2020	0.2420	Jun	0.1395	0.0476	-0.3307	-0.2671	-0.1392	-0.2347
	0.1110	0.1530	0.1510	0.1830	0.2020	0.2420	Jul	0.1393	0.0476	0.1564	-0.4342	-0.0300	-0.2632
Jul	0.1090	0.1840	0.1210	0.2010	0.2110	0.2010		0.1136	-0.1288	0.1364	-0.4342	-0.2197	-0.2632
Aug	0.1290		0.1210	0.2010	0.1640	0.2010	Aug		0.0506	-0.0909	0.0191	-0.1233	-0.1754
Sep		0.1500					Sep	0.1811					
Oct	0.0581	0.1160	0.1720	0.2090	0.1690	0.2040	Oct	0.3108	-0.0357	-0.0058	-0.0503	0.0663	-0.0625
Nov	0.0997	0.1580	0.1730	0.2330	0.2150	0.1760	Nov	0.1692	-0.0897	0.0798	-0.3239	-0.1559	0.1020
Dec	0.0992	0.1190	0.2080	0.2040	0.1960	0.2230	Dec	0.0040	0.1678	-0.2308	-0.1724	-0.0595	-0.1378
BS-theo-75	LT=1	LT=2	LT=3	LT=4	LT=5	LT=6	BSS-theo-75	LT=1	LT=2	LT=3	LT=4	LT=5	LT=6
Jan	0.1230	0.1160	0.1160	0.2240	0.1840	0.2230	Jan	-0.0982	0.3012	0.2418		0.0213	-0.1495
Feb	0.1230	0.2600	0.2330	0.2540	0.1850	0.1890	Feb	0.1277	-0.3131	-0.1888	-0.3804	-0.0054	0.0308
Mar	0.1090	0.1310	0.2320	0.2160	0.1580	0.1820	Mar	-0.0283	0.1914	-0.3410	-0.2273	0.0760	-0.0225
	0.0388	0.1310	0.2320	0.2170	0.1970	0.1770		0.0203	-0.0373	0.1282	-0.2273	-0.1067	-0.0223
Apr Mav	0.0366	0.1500	0.1360	0.2170	0.1970	0.1770	Apr Mav	-0.8340	-0.0373	-0.2893	-0.1361	-0.1067	-0.0412
Jun	0.0950	0.1710	0.2050	0.1940	0.2690	0.2150	Jun	-0.6945	-0.1719	0.0284	-0.0778	-0.5028	-0.1786
Jul	0.0893	0.1710	0.1710	0.2100	0.2690	0.2310	Jul	0.1160	-0.1958	-0.0658	-0.2805	-0.5028	-0.1786
	0.0937		0.1620	0.1800	0.1780	0.1860			-0.1477	-0.0658	0.0354	0.1313	
Aug	0.1700	0.2090	0.2390	0.2180	0.1720	0.1910	Aug	-0.4655		-0.0482	-0.1471	-0.2344	-0.0611 -0.1010
Sep							Sep	-0.1234	0.0296				
Oct	0.1440	0.2060	0.1650	0.1660	0.2350	0.1970	Oct	0.0000	-0.1319	-0.0248		-0.2051	-0.0103
Nov	0.0961	0.1630	0.1890	0.1910	0.2080	0.2670	Nov	-0.4649	-0.0724	-0.0272	-0.0852	-0.0348	-0.4053
Dec	0.1510	0.1650	0.1990	0.1910	0.2310	0.2070	Dec	-0.1705	-0.3306	-0.0529	0.0255	-0.2094	-0.0455
	L = .							I T=1			li m		
BS-act-25	LT=1	LT=2	LT=3	LT=4	LT=5	LT=6	BSS-act-25		LT=2	LT=3	LT=4	LT=5	LT=6
Jan	0.1790	0.1580	0.1990	0.2300	0.1880	0.2270	Jan	0.1476	0.1939	-0.0642	-0.1558	0.0309	-0.1350
Feb	0.1890	0.2490	0.1910	0.2420	0.2200	0.2040	Feb	-0.1524	0.0040	0.0255	-0.2737	-0.1702	-0.0303
Mar	0.2020	0.2280	0.2060	0.1790	0.2230	0.2410	Mar	0.0049	0.0215	-0.0842	0.0867	-0.2186	-0.3242
Apr	0.0592	0.1830	0.1790	0.2340	0.2260	0.2030	Apr	0.4038	-0.0223	0.0479	-0.1642	-0.1078	-0.0253
May	0.0835	0.1100	0.1700	0.2540	0.2270	0.2270	May	-0.0583	-0.0280	-0.0059	-0.3804	-0.1701	-0.1350
Jun	0.1720	0.1460	0.2180	0.2220	0.2210	0.2790	Jun	-0.1026	0.1609	-0.8319	-0.2333	-0.1632	-0.3881
Jul	0.1450	0.2020	0.1870	0.2300	0.2170	0.2020	Jul	-0.2185	-0.0745	0.0459	-0.3939	-0.2690	-0.1222
Aug	0.0989	0.1780	0.1520	0.1650	0.1890	0.2130	Aug	0.1758	-0.0920	0.0256	0.0237	-0.1317	-0.1094
Sep	0.1400	0.1020	0.1560	0.1480	0.1640	0.2150	Sep	0.1566	0.2444	0.0000	0.0133	0.0120	-0.2573
Oct	0.1310	0.1880	0.1840	0.1970	0.1870	0.1860	Oct	-0.0077	-0.1394	-0.0337	-0.0479	-0.1265	0.0106
Nov	0.1480	0.1640	0.1790	0.2330	0.2030	0.1700	Nov	-0.1385	-0.0250	0.1050	-0.2073	-0.0684	0.1626
Dec	0.1900	0.1130	0.2260	0.2220	0.1780	0.2100	Dec	-0.2418	0.3110	-0.1244	-0.0725	-0.0114	-0.0825
	•		•					•			•		
BS-act-75	LT=1	LT=2	LT=3	LT=4	LT=5	LT=6	BSS-act-75	LT=1	LT=2	LT=3	LT=4	LT=5	LT=6
Jan	0.1110	0.1850	0.1660	0.2050	0.1970	0.2350	Jan	0.1395	0.1629	0.1123	0.0238	0.0248	-0.1809
Feb	0.1540	0.2360	0.2080	0.2410	0.1790	0.2070	Feb	-0.0199	-0.3409	-0.1183	-0.3931	0.0000	-0.0615
Mar	0.1570	0.1590	0.2380	0.2290	0.1840	0.1880	Mar	-0.2171	0.1675	-0.3077	-0.3011	-0.0760	-0.0562
Apr	0.1840	0.2790	0.1920	0.2290	0.2070	0.1680	Apr	-0.0455	-0.2798	0.0495	-0.0457	0.0000	0.1600
May	0.1250	0.1860	0.1990	0.2220	0.2070	0.2270	May	-0.0593	-0.0877	-0.1706	-0.2198	-0.0615	-0.1582
Jun	0.0893	0.1710	0.1710	0.2100	0.2690	0.2310	Jun	-0.6945	-0.1958	0.0284	-0.2805	-0.5028	-0.1786
Jul	0.1480	0.2190	0.2040	0.1980	0.2080	0.1980	Jul	0.1084	-0.0186	-0.1657	-0.3200	-0.2840	-0.0645
Aug	0.1340	0.2030	0.2270	0.2000	0.1900	0.2030	Aug	-0.3814	-0.2156	-0.0509	0.0654	-0.0215	-0.2012
Sep	0.2210	0.2010	0.1790	0.2150	0.2210	0.2420	Sep	-0.2346	-0.0469	-0.0170	-0.1749	-0.1882	-0.2941
Oct	0.1680	0.2060	0.1830	0.1780	0.2170	0.1850	Oct	0.0667	-0.1444	-0.0055	0.0777	-0.1128	0.0513
Nov	0.1260	0.2540	0.2010	0.1700	0.2440	0.1030	Nov	0.1544	-0.2212	-0.0691	-0.1333	-0.1120	-0.3349
Dec	0.1450	0.2080	0.1870	0.2030	0.2310	0.2010	Dec	0.2120	-0.2093	0.0000	-0.1355	-0.1554	-0.0152
200	0.1700	0.2000	0.1070	0.2030	0.2010	0.2010	D60	0.2120	-0.2093	0.0000	-0.0000	-0.2334	-0.0102
						LT=6	BS-A/T-75	LT=1	LT=2	LT=3	LT=4	LT=5	LT=6
BS-A/T-25	II T=1	I T≡2	I T=3	I T≡4	I T=5		50.41.70						
BS-A/T-25	LT=1 65.92	LT=2 96.20	LT=3	LT=4 103.04	LT=5 110.11		Jan		62 70	69.88	109 27		94 80
Jan	65.92	96.20	100.00	103.04	110.11	88.55	Jan Feb	110.81	62.70	69.88	109.27	93.40	94.89
Jan Feb	65.92 83.60	96.20 85.14	100.00 76.96	103.04 102.48	110.11 94.55	88.55 94.12	Feb	110.81 79.87	110.17	112.02	105.39	93.40 103.35	91.30
Jan Feb Mar	65.92 83.60 54.95	96.20 85.14 78.07	100.00 76.96 105.83	103.04 102.48 117.32	110.11 94.55 102.69	88.55 94.12 102.49	Feb Mar	110.81 79.87 69.43	110.17 82.39	112.02 97.48	105.39 94.32	93.40 103.35 85.87	91.30 96.81
Jan Feb Mar Apr	65.92 83.60 54.95 79.56	96.20 85.14 78.07 103.28	100.00 76.96 105.83 93.30	103.04 102.48 117.32 100.00	110.11 94.55 102.69 102.65	88.55 94.12 102.49 94.09	Feb Mar Apr	110.81 79.87 69.43 21.09	110.17 82.39 49.82	112.02 97.48 70.83	105.39 94.32 94.76	93.40 103.35 85.87 95.17	91.30 96.81 105.36
Jan Feb Mar Apr May	65.92 83.60 54.95 79.56 100.00	96.20 85.14 78.07 103.28 61.09	100.00 76.96 105.83 93.30 82.35	103.04 102.48 117.32 100.00 80.31	110.11 94.55 102.69 102.65 97.36	88.55 94.12 102.49 94.09 88.99	Feb Mar Apr May	110.81 79.87 69.43 21.09 76.00	110.17 82.39 49.82 80.65	97.48 70.83 103.02	105.39 94.32 94.76 87.39	93.40 103.35 85.87 95.17 100.00	91.30 96.81 105.36 94.71
Jan Feb Mar Apr May Jun	65.92 83.60 54.95 79.56 100.00 64.53	96.20 85.14 78.07 103.28 61.09 95.89	100.00 76.96 105.83 93.30 82.35 77.52	103.04 102.48 117.32 100.00 80.31 83.33	110.11 94.55 102.69 102.65 97.36 91.40	88.55 94.12 102.49 94.09 88.99 86.74	Feb Mar Apr May Jun	110.81 79.87 69.43 21.09 76.00 100.00	110.17 82.39 49.82 80.65 100.00	112.02 97.48 70.83 103.02 100.00	105.39 94.32 94.76 87.39 100.00	93.40 103.35 85.87 95.17 100.00 100.00	91.30 96.81 105.36 94.71 100.00
Jan Feb Mar Apr May Jun Jul	65.92 83.60 54.95 79.56 100.00 64.53 75.17	96.20 85.14 78.07 103.28 61.09 95.89 75.74	100.00 76.96 105.83 93.30 82.35 77.52 80.75	103.04 102.48 117.32 100.00 80.31 83.33 94.78	110.11 94.55 102.69 102.65 97.36 91.40 97.24	88.55 94.12 102.49 94.09 88.99 86.74 118.81	Feb Mar Apr May Jun Jul	110.81 79.87 69.43 21.09 76.00 100.00 63.31	110.17 82.39 49.82 80.65 100.00 78.08	112.02 97.48 70.83 103.02 100.00 79.41	105.39 94.32 94.76 87.39 100.00 90.91	93.40 103.35 85.87 95.17 100.00 100.00 85.58	91.30 96.81 105.36 94.71 100.00 93.94
Jan Feb Mar Apr May Jun Jul Aug	65.92 83.60 54.95 79.56 100.00 64.53 75.17	96.20 85.14 78.07 103.28 61.09 95.89 75.74 103.37	100.00 76.96 105.83 93.30 82.35 77.52 80.75 79.61	103.04 102.48 117.32 100.00 80.31 83.33 94.78 121.82	110.11 94.55 102.69 102.65 97.36 91.40 97.24 86.77	88.55 94.12 102.49 94.09 88.99 86.74 118.81 94.37	Feb Mar Apr May Jun Jul Aug	110.81 79.87 69.43 21.09 76.00 100.00 63.31 126.87	110.17 82.39 49.82 80.65 100.00 78.08 102.96	112.02 97.48 70.83 103.02 100.00 79.41 105.29	105.39 94.32 94.76 87.39 100.00 90.91 109.00	93.40 103.35 85.87 95.17 100.00 100.00 85.58 90.53	91.30 96.81 105.36 94.71 100.00 93.94 94.09
Jan Feb Mar Apr May Jun Jul Aug Sep	65.92 83.60 54.95 79.56 100.00 64.53 75.17 130.43 74.29	96.20 85.14 78.07 103.28 61.09 95.89 75.74 103.37 147.06	100.00 76.96 105.83 93.30 82.35 77.52 80.75 79.61 123.08	103.04 102.48 117.32 100.00 80.31 83.33 94.78 121.82 104.05	110.11 94.55 102.69 102.65 97.36 91.40 97.24 86.77 129.88	88.55 94.12 102.49 94.09 88.99 86.74 118.81 94.37	Feb Mar Apr May Jun Jul Aug Sep	110.81 79.87 69.43 21.09 76.00 100.00 63.31 126.87 78.28	110.17 82.39 49.82 80.65 100.00 78.08 102.96 81.59	112.02 97.48 70.83 103.02 100.00 79.41 105.29	105.39 94.32 94.76 87.39 100.00 90.91 109.00 108.84	93.40 103.35 85.87 95.17 100.00 100.00 85.58 90.53	91.30 96.81 105.36 94.71 100.00 93.94 94.09 90.08
Jan Feb Mar Apr May Jun Jul Aug Sep Oct	65.92 83.60 54.95 79.56 100.00 64.53 75.17 130.43 74.29	96.20 85.14 78.07 103.28 61.09 95.89 75.74 103.37 147.06 61.70	100.00 76.96 105.83 93.30 82.35 77.52 80.75 79.61 123.08 93.48	103.04 102.48 117.32 100.00 80.31 83.33 94.78 121.82 104.05	110.11 94.55 102.69 102.65 97.36 91.40 97.24 86.77 129.88 90.37	88.55 94.12 102.49 94.09 88.99 86.74 118.81 94.37 97.21	Feb Mar Apr May Jun Jul Aug Sep Oct	110.81 79.87 69.43 21.09 76.00 100.00 63.31 126.87 78.28 85.71	110.17 82.39 49.82 80.65 100.00 78.08 102.96 81.59	112.02 97.48 70.83 103.02 100.00 79.41 105.29 116.76	105.39 94.32 94.76 87.39 100.00 90.91 109.00 108.84 93.26	93.40 103.35 85.87 95.17 100.00 100.00 85.58 90.53 116.74	91.30 96.81 105.36 94.71 100.00 93.94 94.09 90.08 106.49
Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov	65.92 83.60 54.95 79.56 100.00 64.53 75.17 130.43 74.29 44.35 67.36	96.20 85.14 78.07 103.28 61.09 95.89 75.74 103.37 147.06 61.70	100.00 76.96 105.83 93.30 82.35 77.52 80.75 79.61 123.08 93.48	103.04 102.48 117.32 100.00 80.31 83.33 94.78 121.82 104.05 106.09	110.11 94.55 102.69 102.65 97.36 91.40 97.24 86.77 129.88 90.37	88.55 94.12 102.49 94.09 88.99 86.74 118.81 94.37 97.21 109.68 103.53	Feb Mar Apr May Jun Jul Aug Sep Oct Nov	110.81 79.87 69.43 21.09 76.00 100.00 63.31 126.87 78.28 85.71 76.27	110.17 82.39 49.82 80.65 100.00 78.08 102.96 81.59 100.00 64.17	112.02 97.48 70.83 103.02 100.00 79.41 105.29 116.76 90.16	105.39 94.32 94.76 87.39 100.00 90.91 109.00 108.84 93.26 86.43	93.40 103.35 85.87 95.17 100.00 100.00 85.58 90.53 116.74 108.29 85.25	91.30 96.81 105.36 94.71 100.00 93.94 94.09 90.08 106.49 95.70
Jan Feb Mar Apr May Jun Jul Aug Sep Oct	65.92 83.60 54.95 79.56 100.00 64.53 75.17 130.43 74.29	96.20 85.14 78.07 103.28 61.09 95.89 75.74 103.37 147.06 61.70	100.00 76.96 105.83 93.30 82.35 77.52 80.75 79.61 123.08 93.48	103.04 102.48 117.32 100.00 80.31 83.33 94.78 121.82 104.05	110.11 94.55 102.69 102.65 97.36 91.40 97.24 86.77 129.88 90.37	88.55 94.12 102.49 94.09 88.99 86.74 118.81 94.37 97.21	Feb Mar Apr May Jun Jul Aug Sep Oct	110.81 79.87 69.43 21.09 76.00 100.00 63.31 126.87 78.28 85.71	110.17 82.39 49.82 80.65 100.00 78.08 102.96 81.59	112.02 97.48 70.83 103.02 100.00 79.41 105.29 116.76	105.39 94.32 94.76 87.39 100.00 90.91 109.00 108.84 93.26	93.40 103.35 85.87 95.17 100.00 100.00 85.58 90.53 116.74	91.30 96.81 105.36 94.71 100.00 93.94 94.09 90.08 106.49

Table 12: Skill scores in the Rhine

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Jan	BS-theo-25	LT=1	LT=2	LT=3	I T=4	LT=5	LT=6	BSS-theo-25	LT=1	LT=2	LT=3	LT=4	LT=5	LT=6
Fig.														-0.0103
May 0,977														0.0262
Apr														-0.0606
May														-0.0242
Jun														-0.0049
Aug 0, 01010 0,2010 0,1890 0,2090 0,2090 0,2200 0,2200 0,2200 0,2100 0,0100 0,0100 0,0200 0,1700 0,2210 0,2410														0.0199
Aug 0, 01010 0,2010 0,1890 0,2090 0,2090 0,2200 0,2200 0,2200 0,2100 0,0100 0,0100 0,0200 0,1700 0,2210 0,2410							0.1890							0.0156
Sep														-0.2793
Oct		0.0331	0.1910	0.2250	0.1730	0.2280	0.2120	Sep	0.6390	-0.1576	-0.2570	0.1218	-0.1343	-0.0443
Dec		0.1460	0.1740	0.1970		0.2470				0.0169		-0.0293	-0.2167	-0.0637
SS-theo 75	Nov	0.1080	0.1830	0.2090	0.2020	0.2070	0.2050	Nov	-0.1146	-0.1024	-0.0503	-0.0151	0.0048	0.0097
Jan	Dec	0.1040	0.1550	0.1710	0.2100	0.2030	0.2260	Dec	-1.0635	-0.0265	0.0707	-0.0606	-0.1033	-0.1133
Jan														
Jan	RS-then-75	II T=1	II T=2	II T=3	I T=4	I T=5	I T=6	RSS_theo_75	I T-1	I T=2	II T=3	II T=4	I T-5	IT-6
Feb														
Mar														0.0045
Apr														
May														0.1182
Jun	May							May						0.1033
Jul														0.1280
Aug 0.1300 0.1870 0.1750 0.2220 0.2080 0.2230 0.2080 0.2210 0.2380 Aug 0.1216 0.2320 0.2180 0.2221 0.2380 Aug 0.1216 0.2320 0.2180 0.2221 0.2320 0.2180 0.2221 0.2320 0.2180 0.2330 0.2400 0.2520 0.0884 0.0884 0.0862 0.2191 0.0674 0.0188 0.089 Dec 0.08010 0.1060 0.2070 0.2420 0.2500 0.2300 0.2000 0.2000 0.2000 0.2000 0.2000 0.2000 0.2000 0.2000 0.2200 0.2000 0.2200														0.0145
Sep														-0.2526
Oct 0.0884 0.1620 0.2170 0.2080 0.2140 0.2170 Cot -0.0449 -0.0062 0.2191 0.0674 -0.1589 0.0572 Dec 0.0810 0.1080 0.2070 0.2420 0.2500 Dec -0.4286 0.0903 0.1589 0.305 BS-act-25 LT=1 LT=2 LT=3 LT=4 LT=5 LT=6 0.0801 0.2300 0.2300 0.2300 0.2300 0.2300 0.0808 0.091 0.0801 0.0210 0.0801 0.02300 0.2300 0.2300 0.2300 0.2300 0.2370 0.0868 0.0587 0.0808 0.0986 0.0980 0.0986 0.0980 0.0986 0.0980 0.0986 0.0980 0.0986 0.0728 0.1550 0.0098 0.00986 0.0981 0.0080 0.0986 0.0371 0.0688 0.00990 0.0800 0.02490 0.2310 0.0872 0.0327 0.0326 0.0302 0.0302 0.0327 0.0327 0.0327 0.0328 0.0328 </td <td></td> <td>-0.1837</td>														-0.1837
Nov 1.4859		0.0884	0.1620	0.2170	0.2060	0.2140	0.2170		-0.0449			-0.0674	-0.1568	-0.0905
Dec 0.0810 0.1660 0.2070 0.2420 0.1900 0.2300														-0.3057
Jan 0.2300 0.2850 0.2800 0.2301 0.2301 0.2370 0.2370 0.2868 0.1881 0.0277 0.0628 -0.2073 -0.088 Feb 0.1930 0.2550 0.2240 0.2080 0.2240 0.2210 0.2370 0.2370 0.2860 0.0327 0.3566 0.0314 -0.1587 -0.1238 0.2240 0.2340 0.2150 0.2490 0.2310 0.2490 0.2310 0.2490 0.2310 0.2490 0.2310 0.2500 0.2490 0.2310 0.2490 0.2310 0.2500 0.2490 0.2310 0.2490 0.2310 0.2490 0.2310 0.2490 0.2310 0.2490 0.2310 0.2500 0.2490 0.2310 0.2590 0.2390 0.2590 0.2390 0.2590 0.2390 0.2590 0.2390 0.2590 0.2390 0.2590 0.2390 0.24		0.0810	0.1060	0.2070	0.2420	0.1900	0.2300		-0.4286	0.0093	-0.1897	-0.2222	-0.0497	-0.1220
Jan 0.2300 0.2850 0.2800 0.2301 0.2301 0.2370 0.2370 0.2868 0.1881 0.0277 0.0628 -0.2073 -0.088 Feb 0.1930 0.2550 0.2240 0.2080 0.2240 0.2210 0.2370 0.2370 0.2860 0.0327 0.3566 0.0314 -0.1587 -0.1238 0.2240 0.2340 0.2150 0.2490 0.2310 0.2490 0.2310 0.2490 0.2310 0.2490 0.2310 0.2500 0.2490 0.2310 0.2490 0.2310 0.2500 0.2490 0.2310 0.2490 0.2310 0.2490 0.2310 0.2490 0.2310 0.2490 0.2310 0.2500 0.2490 0.2310 0.2590 0.2390 0.2590 0.2390 0.2590 0.2390 0.2590 0.2390 0.2590 0.2390 0.2590 0.2390 0.24														
Jan 0.2300 0.2850 0.2800 0.2301 0.2301 0.2370 0.2370 0.2868 0.1881 0.0277 0.0628 -0.2073 -0.088 Feb 0.1930 0.2550 0.2240 0.2080 0.2240 0.2210 0.2370 0.2370 0.2860 0.0327 0.3566 0.0314 -0.1587 -0.1238 0.2240 0.2340 0.2150 0.2490 0.2310 0.2490 0.2310 0.2490 0.2310 0.2490 0.2310 0.2500 0.2490 0.2310 0.2490 0.2310 0.2500 0.2490 0.2310 0.2490 0.2310 0.2490 0.2310 0.2490 0.2310 0.2490 0.2310 0.2500 0.2490 0.2310 0.2590 0.2390 0.2590 0.2390 0.2590 0.2390 0.2590 0.2390 0.2590 0.2390 0.2590 0.2390 0.24		L												
Feb														
Mar														
Apr														
May														
Jun	Apr							Apr						
Jul														
Aug 0.1550 0.2320 0.2130 0.2000 0.2500 0.1990 Sep 0.1850 0.1300 0.2500 0.2340 0.2440 0.2500 0.1367 0.0887 -0.0885 -0.2251 -0.0149 -0.137 Oct 0.1400 0.2100 0.1970 0.2110 0.2410 0.2230 0.2000 0.2480 0.2510 0.2410 0.2230 Dec 0.2740 0.2150 0.1710 0.2290 0.2300 0.2304 0.0682 -0.0886 -0.0314 0.0094 -0.1516 -0.1710 0.2290 0.2300 0.2600 0.0800 0.0840 -0.0896 -0.0896 -0.0891 0.1299 0.0380 BS-act-75 LT=1 LT=2 LT=4 LT=5 LT=6 Jun Jun 0.1150 0.1580 0.1850 0.1580 0.1850 0.1850 0.1860 0.0896 0.5000 0.0174 0.0174 BS-act-75 LT=1 LT=2 LT=3 LT=6 LT=6 Jun 1.0175 </td <td></td>														
Sep														
Oct 0.1400 0.2100 0.1970 0.2110 0.2210 0.2230 Oct 0.1304 0.0396 0.0314 0.0094 -0.1756 -1.120 Nov 0.2230 0.2200 0.2480 0.2510 0.2700 0.2480 0.2510 0.2700 0.2809 0.0389 0.1299 -0.038 Dec 0.2740 0.2150 0.1710 0.2290 0.2390 0.2630 Dec -0.5480 0.000 0.1407 -0.1450 -0.2132 -0.276 BS-act-75 LT=1 LT=2 LT=3 LT=6 LT=6 LT=6 LT=1 LT=6 LT=6 LT=1 LT=2 LT=3 LT=6 LT=6 LT=1 LT=2 LT=3 LT=4 LT=6 LT=6 LT=1 LT=2 LT=3 LT=4 LT=6 LT=6 LT=1 LT=2 LT=3 LT=4 LT=5 LT=6 Jun 1.0197 -0.2600 0.2010 0.1810 Apr -0.5994 -0.2930 0.0617 0.0191 0.0191 0														
Nov 0.2230 0.2020 0.2450 0.2510 0.2010 0.2290 0.2630														
Dec -0.5480 0.000 0.1407 -0.1450 -0.2132 -0.276														
BS-act-75 LT=1 LT=2 LT=3 LT=4 LT=5 LT=6 Jan 0.1150 0.1690 0.1930 0.1520 0.1550 0.1660 Jan 1.0175 0.0696 0.5000 0.0817 0.0774 0.011 Feb 0.2410 0.2590 0.2320 0.2500 0.2230 0.1850 0.1850 Mar 0.2170 0.2470 0.2260 0.227														
Jan 0.1150 0.1690 0.1980 0.1520 0.1550 0.1660 Jan 1.0175 0.0666 0.5000 0.0617 0.0774 0.011 Feb 0.2410 0.2590 0.2320 0.2590 0.2320 0.1590 0.1700 Mar 0.2170 0.2470 0.2680 0.2300 0.2300 0.1500 Apr 0.1790 0.1620 0.2200 0.2720 0.2270 0	Dec	0.2740	0.2130	0.1710	0.2250	0.2330	0.2030	Dec	*0.5460	0.0000	0.1407	*0.1430	*0.2132	*0.2707
Jan 0.1150 0.1690 0.1980 0.1520 0.1550 0.1660 Jan 1.0175 0.0666 0.5000 0.0617 0.0774 0.011 Feb 0.2410 0.2590 0.2320 0.2590 0.2320 0.1590 0.1700 Mar 0.2170 0.2470 0.2680 0.2300 0.2300 0.1500 Apr 0.1790 0.1620 0.2200 0.2720 0.2270 0														
Feb	BS-act-75	LT=1	LT=2	LT=3	LT=4	LT=5	LT=6	BSS-act-75	LT=1	LT=2	LT=3	LT=4	LT=5	LT=6
Mar 0.2170 0.2470 0.2680 0.2300 0.2300 0.1850 Mar -0.3152 0.2602 0.4541 -0.4744 -0.3351 -0.201 Apr 0.1690 0.2020 0.2270 0.2270 0.2270 0.2700 0.2707 0.0844 0.7794 0.4517 -0.084 May 0.1790 0.1620 0.2040 0.2340 0.2480 0.1940 0.4800 0.1910 0.2050 0.1880 0.2080 0.2560 0.2500 0.2100 0.4444 0.2984 0.050 Jul 0.2050 0.1880 0.2080 0.2280 0.2280 0.2000 0.2100 0.2100 0.4444 0.933 0.1831 0.3286 0.0140 Aug 0.1910 0.1980 0.2280 0.2280 0.2000 0.2000 0.2100 0.2000 0.2000 0.2000 0.1830 0.2026 0.2280 0.2000 0.0000 0.01550 0.0266 0.0273 0.0056 0.0273 0.0056 0.02280 0.0080	Jan							Jan						0.0119
Apr 0.1690 0.2020 0.2720 0.2720 0.1800 Apr -0.5794 -0.4532 0.5281 -0.2337 -0.0617 -0.064 May -0.5299 -0.3279 0.2830 0.2480 0.1940 0.1940 0.1940 0.2490 0.1940 0.1940 0.2940 0.2940 0.1940 0.1940 0.1910 0.2900 0.2290 0.2290 0.2290 0.2290 0.2290 0.2900 0.1950 0.0024 0.0123 0.0333 0.1803 0.2902 0.0550 Cct 0.1550 0.1880 0.2270 0.2260 0.2210 0.2260 0.2210 0.2230 0.2410 0.02370 0.0050 0.0050 0.0180 <														-0.0103
May 0.1790 0.1620 0.2040 0.2340 0.2480 0.1940 May -0.5299 -0.3279 -0.2830 -0.4444 0.2884 0.005 Jun -0.1910 0.2000 0.1740 0.1510 0.2560 0.2390 1.000 0.1910 0.2029 -0.2077 -0.2390 Jul -0.2050 0.1880 0.2080 0.2280 0.2260 0.2100 Aug -0.1910 0.1990 0.2110 0.2160 0.2370 0.2560 0.2360 Aug -0.1938 0.0744 -0.0933 -0.1833 -0.2085 -0.0173 0.055 0.000 0.2000 0.2260 0.2560 0.2260 0.2260 0.2400 0.2400 0.1830 0.0744 -0.0933 -0.1833 0.0033 -0.2085 -0.0773 0.005 Oct 0.1550 0.1860 0.2170 0.2120 0.2260 0.2480 0.005 0.0250 0.2280 0.0076 0.0256 0.02580 0.005 0.005 0.005 0.005 0.005 <td></td> <td>-0.2013</td>														-0.2013
Jun 0.1910 0.2000 0.1740 0.1510 0.2560 0.2390 Jun 0.95280 0.3245 0.0168 0.2296 0.1907 0.043 Jul 0.2050 0.1800 0.2290 0.2260 0.2260 0.2270 0.2500 Sep 0.1910 0.1990 0.2110 0.2160 0.2370 0.2500 Sep 0.1220 0.21420 0.1820 0.1990 0.2990 0.1950 Oct 0.1550 0.1880 0.2270 0.2260 0.2410 0.2500 0.2500 0.2500 0.2500 Dec 0.2080 0.2440 0.1270 0.2120 0.2260 0.2410 0.2500 0.2260 0.2410 0.1800 0.2410 0.1800 0.2470 0.2420 0.2580 0.2410 0.2580 0.2080 0.2580 0														-0.0645
Jul 0.2050 0.1880 0.2080 0.2280 0.2600 0.2100 Aug 0.1910 0.1910 0.2110 0.2280 0.2800 0.2280 Sep 0.1720 0.2140 0.1820 0.9990 0.0280 0.1950 0.1138 0.0744 0.0932 -0.0292 -0.3250 Oct 0.1520 0.1980 0.2170 0.2280 0.2801 0.2440 0.2773 0.0252 0.0773 0.0262 0.0773 0.0262 0.0773 0.0262 0.0773 0.0262 0.0773 0.0262 0.0773 0.0262 0.0773 0.0262 0.0773 0.0262 0.0773 0.0262 0.0773 0.008 0.0264 0.02740 0.2450 0.2280 0.089 0.0265 0.0280 0.0280 0.0280 0.0280 0.0280 0.0280 0.0280 0.0280 0.0280 0.0285 0.0280 0.0280 0.02730 0.0280 0.0280 0.0280 0.0280 0.0285 0.0280 0.0280 0.0280 0.0285<														0.0051
Aug 0.1910 0.1990 0.2110 0.2160 0.2370 0.2500 Sep 0.1720 0.2140 0.1820 0.1990 0.2090 0.1950 Oct 0.1550 0.1800 0.2170 0.2120 0.2980 0.2410 0.1800 0.2273 0.0258 0.0273 0.005 Oct 0.1550 0.1880 0.2270 0.2260 0.2410 0.2490 0.2470 0.2490 0.2470 0.2490 0.2737 0.005 Dec 0.2080 0.1360 0.1880 0.2300 0.2090 0.2300 0.004 0.1785 0.0242 0.0274 0.2493 0.0793 0.005 0.00280 0.0071 -0.1212 0.0224 0.02791 0.0089 0.0080 0.0080 0.0280 0.0280 0.0080 0.1800 0.0242 0.02791 0.0089 0.0080 0.0080 0.0280 0.0280 0.0280 0.0089 0.0089 0.0080 0.0089 0.0089 0.0080 0.0089 0.0089 0.0089														-0.0437
Sep														-0.0145
Oct 0.1560 0.2860 0.2170 0.2120 0.2260 0.2410 Nov 0.1560 0.2640 0.2740 0.2460 0.2740 0.2450 0.2280 Dec 0.2860 0.1360 0.1880 0.2300 0.2090 0.2300 Dec 0.2080 0.1360 0.1880 0.2300 0.2090 0.2300 BS-AVT-25 LT=1 LT=2 LT=3 LT=6 LT=6 LT=6 LT=6 LT=6 Jan 1.117 35.40 82.22 100.00 97.00 97.04 Feb 25.08 66.67 66.20 91.35 85.97 78.48 Feb 68.88 100.00 106.69 98.00 133.99 117.20 May 3.24 6.94.99 71.43 79.59 91.77 Apr 53.49 85.15 74.63 100.00 94.17 12.05 Jul 63.21 69.36 85.97 99.91 91.77 Apr 53.49 85.15 74.63 100.00														-0.3158
Nov 0.1800 0.2840 0.2740 0.2450 0.2050 0.2280														0.0051
Dec -0.3895 -0.0625 -0.0553 -0.1275 -0.0773 -0.100														-0.1814
BS-A/T-25 LT=1 LT=2 LT=3 LT=4 LT=5 LT=6 Jan 13.17 35.40 82.22 100.00 97.00 97.04 Jan 41.65 85.21 90.40 112.50 120.00 92.7 Feb 25.08 66.67 69.20 97.35 85.97 78.48 Feb 68.88 100.00 106.90 96.00 133.96 111.1 Mar 15.83 79.05 93.14 70.00 81.74 100.00 Apr 14.18 59.78 67.95 94.34 97.59 91.77 Apr 53.49 85.16 74.63 100.00 140.00 140.29 94.47 Jun 63.21 69.35 85.10 92.11 94.40 94.26 Jul 38.21 72.36 116.78 86.61 91.93 87.10 Aug 65.16 86.64 88.73 100.00 88.00 115.08 Aug 65.10 86.64 88.73 100.00 88.00 115.08 Aug 66.00 95.98 119.71 133.67 105.74 118.9 Oct 104.29 82.86 100.00 100.00 102.49 97.31 Oct 57.03 81.82 100.00 97.17 94.69 90.00 Nov 48.43 90.95 83.31 80.48 102.99 88.52														
Jan 13.17 35.40 82.22 100.00 97.04 Jan 41.65 85.21 90.40 112.50 120.00 92.7 Feb 68.67 68.20 91.35 85.97 78.48 Feb 68.88 100.00 106.90 68.00 13.93 91.11 Mar 15.83 79.05 93.14 70.00 81.74 100.00 Mar 553.90 66.80 95.54 100.00 94.77 120.00 92.70 14.18 59.78 67.95 94.34 97.59 91.77 Apr 53.49 85.15 74.63 100.00 94.77 120.00 95.84 100.00 95.84 100.00 95.84 100.00 95.84 100.00 118.02 90.4 May 32.46 69.49 77.143 79.59 89.45 94.47 May 86.59 103.70 88.24 100.00 78.23 96.4 Jul 63.21 69.38 85.10 99.39 87.71 May <t< td=""><td>Dec</td><td>0.2080</td><td>0.1360</td><td>0.1880</td><td>0.2300</td><td>0.2090</td><td>0.2300</td><td>Dec</td><td>-0.3595</td><td>-0.0625</td><td>-0.0053</td><td>-0.1275</td><td>-0.0773</td><td>-0.1005</td></t<>	Dec	0.2080	0.1360	0.1880	0.2300	0.2090	0.2300	Dec	-0.3595	-0.0625	-0.0053	-0.1275	-0.0773	-0.1005
Jan 13.17 35.40 82.22 100.00 97.04 Jan 41.65 85.21 90.40 112.50 120.00 92.7 Feb 68.67 68.20 91.35 85.97 78.48 Feb 68.88 100.00 106.90 68.00 13.93 91.11 Mar 15.83 79.05 93.14 70.00 81.74 100.00 Mar 553.90 66.80 95.54 100.00 94.77 120.00 92.70 14.18 59.78 67.95 94.34 97.59 91.77 Apr 53.49 85.15 74.63 100.00 94.77 120.00 95.84 100.00 95.84 100.00 95.84 100.00 95.84 100.00 118.02 90.4 May 32.46 69.49 77.143 79.59 89.45 94.47 May 86.59 103.70 88.24 100.00 78.23 96.4 Jul 63.21 69.38 85.10 99.39 87.71 May <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>														
Jan 13.17 35.40 82.22 100.00 97.04 Jan 41.65 85.21 90.40 112.50 120.00 92.7 Feb 68.67 68.20 91.35 85.97 78.48 Feb 68.88 100.00 106.90 68.00 13.93 91.11 Mar 15.83 79.05 93.14 70.00 81.74 100.00 Mar 553.90 66.80 95.54 100.00 94.77 120.00 92.70 14.18 59.78 67.95 94.34 97.59 91.77 Apr 53.49 85.15 74.63 100.00 94.77 120.00 95.84 100.00 95.84 100.00 95.84 100.00 95.84 100.00 118.02 90.4 May 32.46 69.49 77.143 79.59 89.45 94.47 May 86.59 103.70 88.24 100.00 78.23 96.4 Jul 63.21 69.38 85.10 99.39 87.71 May <t< td=""><td>BS-A/T-25</td><td>I T=1</td><td>I T=2</td><td>I T=3</td><td>I T=4</td><td>I T≡5</td><td>I T≡6</td><td>BS-A/T-75</td><td>I T=1</td><td>IT=2</td><td>IT=3</td><td>I T=4</td><td>I T≡5</td><td>I T=6</td></t<>	BS-A/T-25	I T=1	I T=2	I T=3	I T=4	I T≡5	I T≡6	BS-A/T-75	I T=1	IT=2	IT=3	I T=4	I T≡5	I T=6
Feb														92.77
Mar 15.83 79.05 93.14 70.00 81.74 100.00 Mar 55.30 66.80 95.54 100.00 94.17 120.5 Apr 14.18 59.78 67.95 94.34 97.59 19.77 53.49 85.15 74.63 100.00 180.29 90.4 May 32.48 69.49 71.43 79.59 89.45 94.47 May 86.59 1103.70 88.24 100.00 78.23 94.4 Jul 63.21 69.35 85.10 92.11 94.40 94.26 Jun 71.20 76.00 95.98 103.37 85.16 76.3 Aug 65.16 86.64 88.73 100.00 88.00 115.00 Jul 67.32 96.97 97.12 96.39 86.24 100.27 86.92 95.91 102.78 86.92 95.71 118.9 95.91 119.28 133.36 105.74 12.2 96.97 97.22 96.97 97.22 96.39 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>111.17</td></td<>														111.17
Apr 14.18 59.78 67.95 94.34 97.59 91.77 Apr 53.49 88.15 74.63 100.00 118.02 99.4 Jun 32.46 69.49 71.43 79.59 89.45 94.47 May 86.59 103.70 88.24 100.00 78.23 98.4 Jun 63.21 69.35 85.10 92.11 94.40 94.26 Jun 71.20 76.00 95.88 103.97 78.23 98.4 Jul 38.21 72.36 116.78 86.61 91.39 87.10 Jul 67.32 96.97 97.12 96.39 88.08 97.1 Aug 65.16 86.64 88.37 100.00 88.00 115.08 Aug 68.06 93.97 82.94 102.78 88.92 95.2 85.2 Sep 17.89 146.92 90.00 73.33 111.76 94.64 Sep 65.12 108.41 119.78 133.67 105.74 118.9														120.54
May 32 46 68 49 71 43 79 59 89 45 94 47 May 86 59 103.70 88 24 100.00 78 23 89 4.4 Jun 63 21 69.35 85 10 92 11 94 40 42 6 Jun 71 20 78 00 95.88 103 97 85 16 76 9 Jul 33 221 72.36 116.78 86 61 91 39 87.10 Jul 67.32 96.97 97.12 96.93 88.08 97.1 Aug 65.16 86.64 88.73 100.00 88.00 115.08 Aug 68.06 93.97 82.94 102.78 86.92 95.2 Sep 17.89 146.92 90.00 73.33 117.76 94.64 Sep 65.12 108.41 119.78 133.67 105.74 118.9 Oct 104.29 82.86 100.00 100.00 102.49 97.31 Oct 57.03 81.82 100.00 97.17 94.69 90.0 <tr< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>90.40</td></tr<>														90.40
Jun 63.21 69.35 85.10 92.11 94.40 94.26 Jun 71.20 76.00 95.98 103.97 85.16 76.9 Jul 38.21 72.36 116.78 86.61 91.93 87.10 Jul 67.32 96.97 97.12 96.93 88.00 17.00 95.00 95.00 76.00 95.98 103.97 85.16 76.90 95.20 96.97 97.12 96.93 88.00 17.00 95.00 95.00 88.00 171.00 48.00 95.00 86.00 93.97 82.94 102.78 86.92 95.2 95.2 86.00 95.00 73.33 111.76 94.64 96.90 65.12 108.41 119.78 133.67 105.74 118.9 105.00 95.														98.45
Jul 38.21 72.36 116.78 86.61 91.93 87.10 Jul 67.32 99.97 97.12 96.93 88.08 97.1 Aug 65.16 88.64 88.73 100.00 88.00 115.08 Aug 68.06 93.97 82.94 102.78 89.92 95.2 95.2 Sep 17.89 146.92 90.00 73.93 111.76 94.64 Sep 65.12 108.41 119.78 133.67 105.74 118.9 Oct 104.29 82.26 100.00 102.49 97.31 Oct 57.03 81.82 100.00 97.17 94.69 95.10 110.05 110.5 Nov 48.43 90.59 85.31 80.48 98.52 Nov 73.33 72.73 86.86 95.01 110.05 110.5														76.99
Aug 65.16 86.64 88.73 100.00 88.00 115.08 Aug 68.06 93.97 82.94 102.78 86.92 95.2 Sep 17.89 146.92 90.00 73.93 111.76 94.64 Sep 65.12 108.41 119.78 133.67 105.74 118.9 Oct 104.29 82.86 100.00 102.49 97.31 Oct 57.03 81.82 100.00 97.17 94.69 90.0 Nov 48.43 90.59 85.31 80.48 102.99 89.52 Nov 73.33 72.73 86.86 95.10 110.59 110.5														97.14
Sep 17.88 148.92 90.00 73.33 111.76 94.64 Sep 65.12 108.41 119.78 133.67 105.74 118.9 Oct 104.29 82.86 100.00 100.00 97.31 Oct 57.03 81.82 100.00 97.17 94.69 90.0 Nov 48.43 90.59 85.31 80.48 102.99 89.52 Nov 73.33 72.73 86.86 95.10 118.05 110.5														95.20
Oct 104.29 82.86 100.00 100.00 102.49 97.31 Oct 57.03 81.82 100.00 97.17 94.69 90.0 Nov 48.43 90.59 85.31 80.48 102.99 89.52 Nov 73.33 72.73 86.86 95.10 118.05 110.5														118.97
Nov 48.43 90.59 85.31 80.48 102.99 89.52 Nov 73.33 72.73 86.86 95.10 118.05 110.5														90.04
														110.53
														100.00
		. 000	, , 2.00		. 0	. 01.04		500	. 00.04					

Table 13: Skill scores in the Danube

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BS-theo-25 Jan	LT=1	LT=2	LT=3	LT=4	LT=5	LT=6	BSS-theo-25	LT=1	LT=2	LT=3	LT=4	LT=5	LT=6
	0.0667	0.0217	0.0633	0.0983	0.1750	0.1990	Jan	-0.9277	-0.1302	-0.2387	0.3818	-0.1076	-0.2061
Feb	0.0100	0.0609	0.0033	0.0932	0.1730	0.1990	Feb	0.8516	-0.6964	0.0418	-0.0321	0.2524	-0.2001
Mar	0.0488	0.0496	0.1260	0.1250	0.1260	0.1290	Mar	0.4442	0.5137	0.0935	0.0157	-0.1776	0.0652
Apr	0.0488	0.0490	0.1200	0.1250	0.1200	0.1600	Apr	0.0224	0.0360	0.0933	-0.0815	0.0274	-0.0884
May	0.0664	0.0598	0.1120	0.1230	0.1420	0.2130	May	-0.9762	0.3311	-0.1333	0.0956	-0.2330	-0.0340
Jun	0.0320	0.1050	0.1190	0.1250	0.1510	0.2520	Jun	0.3509	-0.3690	0.0189	0.0930	0.1371	-0.0340
Jul	0.0320	0.1100	0.1320	0.1520	0.1600	0.2520	Jul	0.4224	0.0090	0.0704	-0.0556	0.1371	0.0934
	0.0361	0.1100	0.1320	0.1520	0.1880	0.1650	Aug	0.4224	-0.0544	-0.2486	-0.0556	-0.1750	-0.1657
Aug	0.0639	0.1550	0.2210	0.2130	0.1870	0.1970		-0.2276	0.1786	-0.2466	-0.2604	-0.1750	0.0172
Sep Oct	0.0755	0.1700	0.1910	0.1600	0.1970	0.2050	Sep Oct	0.0664	-0.2879	-0.1235	-0.0390	-0.0506	-0.1022
Nov	0.0837	0.1700	0.1420	0.1590	0.1970	0.2050	Nov	0.0664	0.1028	-0.0365	-0.0390	-0.1453	-0.1022
	0.0333	0.0978	0.1690	0.1680	0.1750	0.1910		-0.0707	0.1028	0.1867	-0.3140	-0.1946	-0.2819
Dec	0.0333	0.0317	0.0654	0.1000	0.1750	0.1740	Dec	-0.0707	0.2092	0.1007	-0.4000	-0.3156	-0.13/3
BS-theo-75	LT=1	LT=2	LT=3	LT=4	LT=5	LT=6	BSS-theo-75	LT=1	LT=2	LT=3	LT=4	LT=5	LT=6
Jan	0.1190	0.0812	0.1390	0.1630	0.2010	0.2050	Jan	-0.8919	0.2618	0.1472	0.1510	-0.1486	-0.2202
Feb	0.1530	0.1090	0.1100	0.1330	0.1850	0.1840	Feb	-3.2033	-0.3196	-0.2486	0.0634	-0.0571	-0.1646
Mar	0.1120	0.1350	0.1440	0.1440	0.1760	0.2150	Mar	-0.9344	-0.0465	0.0526	0.0828	0.0538	0.0092
Apr	0.0658	0.1070	0.1620	0.1950	0.1780	0.2170	Apr	0.2157	0.0446	-0.0318	-0.1207	0.0056	-0.1481
May	0.0884	0.1160	0.1360	0.1610	0.1590	0.1820	May	-0.0625	0.1471	0.1905	0.0640	0.1167	0.1574
Jun	0.1070	0.1720	0.1870	0.2460	0.2060	0.2540	Jun	-0.0841	-0.1026	-0.1065	-0.1942	-0.0510	-0.2700
Jul	0.0683	0.1750	0.1660	0.2450	0.2290	0.2110	Jul	0.2826	0.0642	0.1123	-0.3243	-0.1684	-0.1105
Aug	0.0873	0.1290	0.1660	0.2170	0.2210	0.2550	Aug	-0.2159	0.1569	0.1782	-0.0960	-0.0833	-0.2319
Sep	0.1060	0.0733	0.1760	0.1550	0.1760	0.2200	Sep	-0.1547	0.1998	-0.1503	0.1092	0.0383	-0.1892
Oct	0.0160	0.1130	0.1400	0.1880	0.2330	0.2440	Oct	0.6049	-0.0367	0.0541	-0.0503	-0.1949	-0.2842
Nov	0.0515	0.1330	0.1630	0.1620	0.1850	0.2350	Nov	0.1227	-0.1982	-0.3252	-0.0800	0.0212	-0.2368
Dec	0.1180	0.0766	0.0837	0.1540	0.1400	0.2010	Dec	-1.3366	-0.0804	0.0772	-0.4528	0.0000	-0.1754
BS-act-25	LT=1	LT=2	LT=3	LT=4	LT=5	LT=6	BSS-act-25	LT=1	LT=2	LT=3	LT=4	LT=5	LT=6
Jan	0.4000	0.3160	0.2950	0.2610	0.2880	0.2430	Jan	-0.3289	0.0511	0.0264	-0.0653	-0.2576	-0.0946
Feb	0.4020	0.4150	0.3830	0.3410	0.3020	0.3140	Feb	-0.1198	-0.0641	-0.0159	-0.0656	-0.1439	-0.2124
Mar	0.3550	0.2970	0.3530	0.3790	0.3360	0.2890	Mar	0.0166	0.1027	0.0302	-0.0798	-0.1626	-0.1031
Apr	0.2480	0.2690	0.2780	0.2460	0.2900	0.2570	Apr	0.0462	-0.1303	-0.1880	-0.0982	-0.1508	-0.0363
May	0.2390	0.2330	0.2730	0.2520	0.2620	0.2600	May	-0.0529	0.0085	-0.3448	-0.2857	-0.3367	-0.1111
Jun	0.3500	0.2110	0.2160	0.2490	0.2420	0.2310	Jun	-0.3258	0.0321	0.0270	-0.3757	-0.3081	-0.2031
Jul	0.3180	0.2770	0.2130	0.2210	0.2720	0.2240	Jul	-0.2823	-0.2422	0.0274	-0.0091	-0.4316	-0.1667
Aug	0.3030	0.3150	0.2060	0.2590	0.2090	0.2670	Aug	-0.1264	-0.5000	0.0190	-0.2634	0.0142	-0.4355
Sep	0.3150	0.2390	0.2790	0.2080	0.2140	0.2100	Sep	-0.0465	-0.0302	-0.2455	0.0142	0.0093	0.0094
Oct	0.2460												
		0.3310	0.2300	0.2540	0.2240	0.2020	Oct	0.2141	-0.3187	-0.0748	-0.1925	-0.0821	0.0034
Nov	0.3330	0.3310	0.2300	0.2540		0.2020 0.2120			-0.3187 -0.0645	-0.0748 -0.2397	-0.1925 -0.1614		
Nov Dec	0.3330	0.2640	0.3000		0.2240 0.2480	0.2120	Nov	0.2141 -0.0812	-0.0645	-0.2397	-0.1614	-0.0821 -0.2338	0.0427 -0.0341
Nov Dec				0.2590	0.2240			0.2141				-0.0821	0.0427
	0.3330	0.2640	0.3000	0.2590	0.2240 0.2480	0.2120	Nov	0.2141 -0.0812	-0.0645	-0.2397	-0.1614	-0.0821 -0.2338	0.0427 -0.0341
	0.3330	0.2640	0.3000	0.2590 0.3100 LT=4	0.2240 0.2480	0.2120	Nov	0.2141 -0.0812	-0.0645	-0.2397	-0.1614	-0.0821 -0.2338	0.0427 -0.0341 -0.0741 LT=6
Dec BS-act-75 Jan	0.3330 0.3330 LT=1 0.2710	0.2640 0.3070 LT=2 0.2000	0.3000 0.2700 LT=3 0.1830	0.2590 0.3100 LT=4 0.1760	0.2240 0.2480 0.2630 LT=5 0.1880	0.2120 0.2320 LT=6 0.1680	Nov Dec BSS-act-75 Jan	0.2141 -0.0812 -0.0505 LT=1 0.0687	-0.0645 -0.0964 LT=2 -0.4706	-0.2397 -0.1489 LT=3 -0.5776	-0.1614 -0.2971 LT=4 -0.4309	-0.0821 -0.2338 -0.2009 LT=5 -0.7736	0.0427 -0.0341 -0.0741 LT=6 -0.2727
Dec BS-act-75 Jan Feb	0.3330 0.3330 LT=1 0.2710 0.3570	0.2640 0.3070 LT=2 0.2000 0.3030	0.3000 0.2700 LT=3 0.1830 0.2670	0.2590 0.3100 LT=4 0.1760 0.2450	0.2240 0.2480 0.2630 LT=5 0.1880 0.2350	0.2120 0.2320 LT=6 0.1680 0.1960	Nov Dec BSS-act-75 Jan Feb	0.2141 -0.0812 -0.0505 LT=1 0.0687 -0.2268	-0.0645 -0.0964 LT=2 -0.4706 -0.0341	-0.2397 -0.1489 LT=3 -0.5776 -0.5170	-0.1614 -0.2971 LT=4 -0.4309 -0.5506	-0.0821 -0.2338 -0.2009 LT=5 -0.7736 -0.5563	0.0427 -0.0341 -0.0741 LT=6 -0.2727 -0.6610
BS-act-75 Jan Feb Mar	0.3330 0.3330 LT=1 0.2710 0.3570 0.3360	0.2640 0.3070 LT=2 0.2000 0.3030 0.2630	0.3000 0.2700 LT=3 0.1830 0.2670 0.2590	0.2590 0.3100 LT=4 0.1760 0.2450 0.2450	0.2240 0.2480 0.2630 LT=5 0.1880 0.2350 0.2760	0.2120 0.2320 LT=6 0.1680 0.1960 0.2210	Nov Dec BSS-act-75 Jan Feb Mar	0.2141 -0.0812 -0.0505 LT=1 0.0687 -0.2268 0.0455	-0.0645 -0.0964 LT=2 -0.4706 -0.0341 -0.1004	-0.2397 -0.1489 LT=3 -0.5776 -0.5170 -0.0882	-0.1614 -0.2971 LT=4 -0.4309 -0.5506 -0.2827	-0.0821 -0.2338 -0.2009 LT=5 -0.7736 -0.5563 -0.7806	0.0427 -0.0341 -0.0741 LT=6 -0.2727 -0.6610 -0.4636
BS-act-75 Jan Feb Mar Apr	0.3330 0.3330 LT=1 0.2710 0.3570 0.3360 0.2230	0.2640 0.3070 LT=2 0.2000 0.3030 0.2630 0.1920	0.3000 0.2700 LT=3 0.1830 0.2670 0.2590 0.1530	0.2590 0.3100 LT=4 0.1760 0.2450 0.2680	0.2240 0.2480 0.2630 LT=5 0.1880 0.2350 0.2760 0.2530	0.2120 0.2320 LT=6 0.1680 0.1960 0.2210 0.2350	Nov Dec BSS-act-75 Jan Feb Mar Apr	0.2141 -0.0812 -0.0505 LT=1 0.0687 -0.2268 0.0455 -0.1263	-0.0645 -0.0964 LT=2 -0.4706 -0.0341 -0.1004 0.0495	-0.2397 -0.1489 LT=3 -0.5776 -0.5170 -0.0882 0.2609	-0.1614 -0.2971 LT=4 -0.4309 -0.5506 -0.2827 -0.2018	-0.0821 -0.2338 -0.2009 LT=5 -0.7736 -0.5563 -0.7806 -0.0498	0.0427 -0.0341 -0.0741 LT=6 -0.2727 -0.6610 -0.4636 -0.1750
BS-act-75 Jan Feb Mar Apr May	0.3330 0.3330 LT=1 0.2710 0.3570 0.3360 0.2230 0.3550	0.2640 0.3070 LT=2 0.2000 0.3030 0.2630 0.1920 0.2130	0.3000 0.2700 LT=3 0.1830 0.2670 0.2590 0.1530 0.2030	0.2590 0.3100 LT=4 0.1760 0.2450 0.2680 0.1900	0.2240 0.2480 0.2630 LT=5 0.1880 0.2350 0.2760 0.2530 0.2320	0.2120 0.2320 LT=6 0.1680 0.1960 0.2210 0.2350 0.3040	Nov Dec BSS-act-75 Jan Feb Mar Apr May	0.2141 -0.0812 -0.0505 LT=1 0.0687 -0.2268 0.0455 -0.1263 0.0193	-0.0645 -0.0964 LT=2 -0.4706 -0.0341 -0.1004 0.0495 -0.1833	-0.2397 -0.1489 LT=3 -0.5776 -0.5170 -0.0882 0.2609 -0.2229	-0.1614 -0.2971 LT=4 -0.4309 -0.5506 -0.2827 -0.2018 0.0206	-0.0821 -0.2338 -0.2009 LT=5 -0.7736 -0.5563 -0.7806 -0.0498 -0.1154	0.0427 -0.0341 -0.0741 LT=6 -0.2727 -0.6610 -0.4636 -0.1750 -0.3103
BS-act-75 Jan Feb Mar Apr May Jun	0.3330 0.3330 LT=1 0.2710 0.3570 0.3360 0.2230 0.3550 0.1740	0.2640 0.3070 LT=2 0.2000 0.3030 0.2630 0.1920 0.2130 0.1660	0.3000 0.2700 LT=3 0.1830 0.2670 0.1530 0.2030 0.2110	0.2590 0.3100 LT=4 0.1760 0.2450 0.2680 0.1900 0.2040	0.2240 0.2480 0.2630 LT=5 0.1880 0.2350 0.2760 0.2530 0.2320 0.1620	0.2120 0.2320 LT=6 0.1680 0.1960 0.2210 0.2350 0.3040 0.2050	Nov Dec BSS-act-75 Jan Feb Mar Apr May Jun	0.2141 -0.0812 -0.0505 LT=1 0.0687 -0.2268 0.0455 -0.1263 0.0193 -0.2254	-0.0645 -0.0964 LT=2 -0.4706 -0.0341 -0.1004 0.0495 -0.1833 -0.1942	-0.2397 -0.1489 LT=3 -0.5776 -0.5170 -0.0882 -0.2609 -0.2229 -0.1105	-0.1614 -0.2971 LT=4 -0.4309 -0.5506 -0.2827 -0.2018 0.0206 -0.1657	-0.0821 -0.2338 -0.2009 LT=5 -0.7736 -0.5563 -0.7806 -0.0498 -0.1154 0.0182	0.0427 -0.0341 -0.0741 LT=6 -0.2727 -0.6610 -0.4636 -0.1750 -0.3103 -0.1517
BS-act-75 Jan Feb Mar Apr May Jun Jul	0.3330 0.3330 LT=1 0.2710 0.3570 0.3360 0.2230 0.3550 0.1740 0.1590	0.2640 0.3070 LT=2 0.2000 0.3030 0.2630 0.1920 0.2130 0.1660 0.1810	0.3000 0.2700 LT=3 0.1830 0.2670 0.2590 0.1530 0.2030 0.2110 0.1600	0.2590 0.3100 LT=4 0.1760 0.2450 0.2450 0.1900 0.2040 0.1790	0.2240 0.2480 0.2630 LT=5 0.1880 0.2350 0.2760 0.2530 0.1620 0.1620 0.2290	0.2120 0.2320 LT=6 0.1680 0.1960 0.2210 0.2350 0.3040 0.2050 0.1920	Nov Dec BSS-act-75 Jan Feb Mar Apr May Jun	0.2141 -0.0812 -0.0505 LT=1 0.0687 -0.2268 0.0455 -0.1263 -0.0193 -0.2254 0.1311	-0.0645 -0.0964 LT=2 -0.4706 -0.0341 -0.1004 -0.1833 -0.1942 -0.1173	-0.2397 -0.1489 LT=3 -0.5776 -0.5170 -0.0882 -0.2299 -0.1105 0.0244	-0.1614 -0.2971 LT=4 -0.4309 -0.5506 -0.2827 -0.2018 0.0206 -0.1657 0.0529	-0.0821 -0.2338 -0.2009 LT=5 -0.7736 -0.5563 -0.7806 -0.0498 -0.1154 -0.0182 -0.2312	0.0427 -0.0341 -0.0741 LT=6 -0.2727 -0.6610 -0.4636 -0.1750 -0.3103 -0.1517 -0.0105
BS-act-75 Jan Feb Mar Apr May Jun Jul Aug	0.3330 0.3330 0.3330 LT=1 0.2710 0.3570 0.3360 0.2230 0.3550 0.1740 0.1590 0.2390	0.2640 0.3070 LT=2 0.2000 0.3030 0.2630 0.1920 0.2130 0.1660 0.1810 0.2260	0.3000 0.2700 LT=3 0.1830 0.2670 0.1530 0.2030 0.2110 0.1600 0.2020	0.2590 0.3100 LT=4 0.1760 0.2450 0.2680 0.1900 0.2040 0.1790 0.1870	0.2240 0.2480 0.2630 LT=5 0.1880 0.2350 0.2530 0.2320 0.1620 0.2290 0.1610	0.2120 0.2320 LT=6 0.1680 0.1960 0.2210 0.2350 0.3040 0.2050 0.1920 0.1880	Nov Dec BSS-act-75 Jan Feb Mar Apr May Jun Jul Aug	0.2141 -0.0812 -0.0505 LT=1 0.0687 -0.2268 0.0455 -0.1263 0.0193 -0.2254 0.1311 0.1148	-0.0645 -0.0964 LT=2 -0.4706 -0.0341 -0.1004 -0.1833 -0.1942 -0.1173 -0.0367	-0.2397 -0.1489 LT=3 -0.5776 -0.5170 -0.0882 0.2609 -0.2229 -0.1105 0.0244 -0.0576	-0.1614 -0.2971 LT=4 -0.4309 -0.5506 -0.2827 -0.2018 0.0206 -0.1657 0.0529 -0.1615	-0.0821 -0.2338 -0.2009 LT=5 -0.7736 -0.5563 -0.7806 -0.0498 -0.1154 -0.0182 -0.2312 -0.0123	0.0427 -0.0341 -0.0741 LT=6 -0.2727 -0.6610 -0.4636 -0.1750 -0.3103 -0.1517 -0.0105 -0.2450
BS-act-75 Jan Feb Mar Apr May Jun Jul	0.3330 0.3330 LT=1 0.2710 0.3570 0.2230 0.2230 0.1740 0.1590 0.2390 0.1720	0.2640 0.3070 LT=2 0.2000 0.3030 0.2630 0.1920 0.2130 0.1810 0.2260 0.2490	0.3000 0.2700 LT=3 0.1830 0.2670 0.1530 0.2030 0.2110 0.1600 0.2020 0.2120	0.2590 0.3100 LT=4 0.1760 0.2450 0.2680 0.1900 0.2040 0.1790 0.1870 0.2150	0.2240 0.2480 0.2630 LT=5 0.1880 0.2350 0.2760 0.2530 0.2320 0.1620 0.1610 0.2250	0.2120 0.2320 LT=6 0.1680 0.1960 0.2210 0.2350 0.3040 0.2050 0.1920 0.1880 0.1530	Nov Dec BSS-act-75 Jan Feb Mar Apr May Jun	0.2141 -0.0812 -0.0505 LT=1 0.0687 -0.2268 0.0455 -0.1263 0.0193 -0.2254 0.1311 0.1148 -0.0178	-0.0645 -0.0964 LT=2 -0.4706 -0.0341 -0.1004 0.0495 -0.1833 -0.1942 -0.1173 -0.0367 -0.0779	-0.2397 -0.1489 LT=3 -0.5776 -0.5170 -0.0882 0.2609 -0.2229 -0.1105 0.0244 -0.0576 0.1751	-0.1614 -0.2971 LT=4 -0.4309 -0.5506 -0.2827 -0.2018 0.0206 -0.1657 -0.0529 -0.1615 -0.0287	-0.0821 -0.2338 -0.2009 LT=5 -0.7736 -0.5563 -0.7806 -0.0498 -0.1154 -0.2312 -0.0714	0.0427 -0.0341 -0.0741 LT=6 -0.2727 -0.6610 -0.4636 -0.1750 -0.3103 -0.1517 -0.0105 -0.2450 0.2783
BS-act-75 Jan Feb Mar Apr May Jun Jul Aug	0.3330 0.3330 0.3330 LT=1 0.2710 0.3570 0.2230 0.3550 0.1740 0.1590 0.2390 0.1720 0.0826	0.2640 0.3070 LT=2 0.2000 0.3030 0.2630 0.1920 0.2130 0.1810 0.2260 0.2490 0.1010	0.3000 0.2700 LT=3 0.1830 0.2670 0.1530 0.2030 0.2110 0.1600 0.2020 0.2120 0.1040	0.2590 0.3100 LT=4 0.1760 0.2450 0.2680 0.1900 0.2040 0.1790 0.1870 0.2150 0.1520	0.2240 0.2480 0.2630 0.2630 0.2350 0.2760 0.2530 0.2320 0.1620 0.2290 0.1610 0.2250 0.1900	0.2120 0.2320 LT=6 0.1680 0.1960 0.2210 0.2350 0.3040 0.2050 0.1920 0.1880 0.1530 0.2010	Nov Dec BSS-act-75 Jan Feb Mar Apr May Jun Jul Aug	0.2141 -0.0812 -0.0505 LT=1 0.0687 -0.2268 0.0455 -0.1263 0.0193 -0.2254 0.1311 0.1148 -0.0178 -0.0178	-0.0645 -0.0964 -0.0964 -0.0341 -0.1004 -0.1833 -0.1942 -0.1173 -0.0367 -0.0779 -0.3272	-0.2397 -0.1489 -0.5776 -0.5170 -0.0882 -0.2609 -0.2229 -0.1105 -0.0576 -0.1751 -0.0370	-0.1614 -0.2971 LT=4 -0.4309 -0.5506 -0.2827 -0.2018 0.0206 -0.1657 -0.0529 -0.1615 -0.0287 -0.0287	-0.0821 -0.2338 -0.2009 LT=5 -0.7736 -0.5563 -0.7046 -0.0182 -0.2312 -0.02312 -0.0714 -0.0556	0.0427 -0.0341 -0.0741 -0.0741 -0.2727 -0.6610 -0.4636 -0.1750 -0.3103 -0.1517 -0.0105 -0.2450 0.2783 -0.0691
Dec BS-act-75 Jan Feb Mar Apr May Jun Jul Aug Sep	0.3330 0.3330 0.3330 LT=1 0.2710 0.3570 0.3360 0.2230 0.3550 0.1740 0.1590 0.2390 0.1720 0.0826 0.1480	0.2640 0.3070 LT=2 0.2000 0.3030 0.2630 0.1810 0.2260 0.2490 0.1010 0.1010 0.1450	0.3000 0.2700 LT=3 0.1830 0.2670 0.2590 0.1530 0.2010 0.1600 0.2020 0.2120 0.1040 0.1040	0.2590 0.3100 LT=4 0.1760 0.2450 0.2450 0.1900 0.2040 0.1790 0.1870 0.2152 0.1520 0.1320	0.2240 0.2480 0.2630 LT=5 0.1880 0.2350 0.2760 0.2530 0.2320 0.1620 0.12290 0.1610 0.2250 0.1900 0.1900 0.1900 0.1900	0.2120 0.2320 LT=6 0.1680 0.1960 0.2210 0.2350 0.3040 0.2050 0.1920 0.1880 0.1530	Nov Dec BSS-act-75 Jan Feb Mar Apr May Jun Jul Aug Sep	0.2141 -0.0812 -0.0505 LT=1 0.0687 -0.2268 0.0455 -0.1263 0.0193 -0.2254 0.1311 0.1148 -0.078 -0.0883 -0.0883	-0.0645 -0.0964 LT=2 -0.4706 -0.0341 -0.1004 -0.1833 -0.1942 -0.1173 -0.0367 -0.0779 -0.3272 -0.5778	-0.2397 -0.1489 -0.5776 -0.5170 -0.0882 -0.2609 -0.2229 -0.1105 -0.0244 -0.0576 -0.1751 -0.0370 -0.0098	-0.1614 -0.2971 LT=4 -0.4309 -0.5506 -0.2827 -0.2018 0.0206 -0.1657 0.0529 -0.1615 -0.0287 -0.0000 0.0365	-0.0821 -0.2338 -0.2009 LT=5 -0.7736 -0.5663 -0.7806 -0.0498 -0.1154 -0.2312 -0.0714 -0.05566 -0.0714	0.0427 -0.0341 -0.0741 LT=6 -0.2727 -0.6610 -0.4636 -0.1750 -0.3103 -0.1517 -0.0105 -0.2450 0.2783 -0.0891 -0.0936
BS-act-75 Jan Feb Mar Apr May Jun Jul Aug Sep Oct	0.3330 0.3330 0.3330 LT=1 0.2710 0.3570 0.2230 0.3550 0.1740 0.1590 0.2390 0.1720 0.0826	0.2640 0.3070 LT=2 0.2000 0.3030 0.2630 0.1920 0.2130 0.1810 0.2260 0.2490 0.1010	0.3000 0.2700 LT=3 0.1830 0.2670 0.1530 0.2030 0.2110 0.1600 0.2020 0.2120 0.1040	0.2590 0.3100 LT=4 0.1760 0.2450 0.2680 0.1900 0.2040 0.1790 0.1870 0.2150 0.1520	0.2240 0.2480 0.2630 0.2630 0.2350 0.2760 0.2530 0.2320 0.1620 0.2290 0.1610 0.2250 0.1900	0.2120 0.2320 LT=6 0.1680 0.1960 0.2210 0.2350 0.3040 0.2050 0.1920 0.1880 0.1530 0.2010	Nov Dec BSS-act-75 Jan Feb Mar Apr May Jun Jul Aug Sep Oct	0.2141 -0.0812 -0.0505 LT=1 0.0687 -0.2268 0.0455 -0.1263 0.0193 -0.2254 0.1311 0.1148 -0.0178 -0.0178	-0.0645 -0.0964 -0.0964 -0.0341 -0.1004 -0.1833 -0.1942 -0.1173 -0.0367 -0.0779 -0.3272	-0.2397 -0.1489 -0.5776 -0.5170 -0.0882 -0.2609 -0.2229 -0.1105 -0.0576 -0.1751 -0.0370	-0.1614 -0.2971 LT=4 -0.4309 -0.5506 -0.2827 -0.2018 0.0206 -0.1657 -0.0529 -0.1615 -0.0287 -0.0287	-0.0821 -0.2338 -0.2009 LT=5 -0.7736 -0.5563 -0.7046 -0.0182 -0.2312 -0.02312 -0.0714 -0.0556	0.0427 -0.0341 -0.0741 -0.2727 -0.6610 -0.4636 -0.1750 -0.3103 -0.1517 -0.0105 -0.2450 0.2783 -0.0691
BS-act-75 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov	0.3330 0.3330 0.3330 LT=1 0.2710 0.3570 0.3360 0.2230 0.3550 0.1740 0.1590 0.2390 0.1720 0.0826 0.1480	0.2640 0.3070 LT=2 0.2000 0.3030 0.2630 0.1810 0.2260 0.2490 0.1010 0.1010 0.1450	0.3000 0.2700 LT=3 0.1830 0.2670 0.2590 0.1530 0.2010 0.1600 0.2020 0.2120 0.1040 0.1040	0.2590 0.3100 LT=4 0.1760 0.2450 0.2450 0.1900 0.2040 0.1790 0.1870 0.2152 0.1520 0.1320	0.2240 0.2480 0.2630 LT=5 0.1880 0.2350 0.2760 0.2530 0.2320 0.1620 0.12290 0.1610 0.2250 0.1900 0.1900 0.1900 0.1900	0.2120 0.2320 LT=6 0.1680 0.1960 0.2210 0.2350 0.3040 0.1920 0.1880 0.1530 0.2010 0.1870	Nov Dec BSS-act-75 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov	0.2141 -0.0812 -0.0505 LT=1 0.0687 -0.2268 0.0455 -0.1263 0.0193 -0.2254 0.1311 0.1148 -0.078 -0.0883 -0.0883	-0.0645 -0.0964 LT=2 -0.4706 -0.0341 -0.1004 -0.1833 -0.1942 -0.1173 -0.0367 -0.0779 -0.3272 -0.5778	-0.2397 -0.1489 -0.5776 -0.5170 -0.0882 -0.2609 -0.2229 -0.1105 -0.0244 -0.0576 -0.1751 -0.0370 -0.0098	-0.1614 -0.2971 LT=4 -0.4309 -0.5506 -0.2827 -0.2018 0.0206 -0.1657 0.0529 -0.1615 -0.0287 -0.0000 0.0365	-0.0821 -0.2338 -0.2009 LT=5 -0.7736 -0.5663 -0.7806 -0.0498 -0.1154 -0.2312 -0.0714 -0.05566 -0.0714	0.0427 -0.0341 -0.0741 LT=6 -0.2727 -0.6610 -0.4636 -0.1750 -0.3103 -0.1517 -0.0105 -0.2450 0.2783 -0.0891 -0.0936
Dec BS-act-75 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec	0.3330 0.3330 0.3330 0.3350 0.3570 0.3360 0.2230 0.3550 0.1740 0.1590 0.2390 0.1720 0.0826 0.1480 0.1910	0.2640 0.3070 LT=2 0.2000 0.3030 0.2630 0.1920 0.2130 0.1810 0.2260 0.2490 0.1010 0.1450 0.1740	0.3000 0.2700 LT=3 0.1830 0.2670 0.2590 0.1530 0.2011 0.1600 0.2020 0.1040 0.1030 0.1990	0.2590 0.3100 LT=4 0.1760 0.2450 0.2680 0.1900 0.1970 0.1870 0.1520 0.1320 0.1660	0.2240 0.2480 0.2630 0.2630 0.2350 0.2760 0.2530 0.1620 0.1620 0.2250 0.1610 0.2250 0.1900 0.1670 0.1880	0.2120 0.2320 LT=6 0.1680 0.1960 0.2210 0.2350 0.3040 0.2050 0.1680 0.1530 0.1530 0.1630 0.2310	Nov Dec BSS-act-75 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec	0.2141 -0.0812 -0.0505 LT=1 0.0687 -0.2268 0.0455 -0.1263 0.0193 -0.2254 -0.1311 0.1148 -0.08833 -0.08833 -0.1840 0.0591	-0.0645 -0.0964 LT=2 -0.4706 -0.0341 -0.1004 -0.1833 -0.1942 -0.1173 -0.0367 -0.0779 -0.3772 -0.5778 -0.1918	-0.2397 -0.1489 LT=3 -0.5776 -0.5170 -0.0882 -0.2609 -0.2229 -0.1105 -0.0576 -0.1751 -0.0370 -0.0988 -0.2675	-0.1614 -0.2971 LT=4 -0.4309 -0.5506 -0.2827 -0.2018 -0.0206 -0.1657 -0.0529 -0.1615 -0.0287 -0.0000 -0.0365 -0.2296	-0.0821 -0.2338 -0.2009 -0.7736 -0.5563 -0.7806 -0.0498 -0.1154 -0.0123 -0.0714 -0.0556 -0.0060 -0.0082	0.0427 -0.0341 -0.0741 -0.2727 -0.6610 -0.4636 -0.1750 -0.3103 -0.1517 -0.0105 -0.2450 0.2783 -0.0891 -0.0936 -0.1786
BS-act-75 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec	0.3330 0.3330 0.3330 LT=1 0.2710 0.3570 0.3550 0.2230 0.1740 0.1590 0.2390 0.1720 0.1720 0.1920 0.1910 0.1910	0.2640 0.3070 LT=2 0.2000 0.3030 0.2630 0.1920 0.1930 0.1660 0.2260 0.2490 0.1010 0.1450 0.1740	0.3000 0.2700 LT=3 0.1830 0.2670 0.2590 0.1530 0.2010 0.1600 0.2020 0.2120 0.1040 0.1030 0.1990	0.2590 0.3100 LT=4 0.1760 0.2450 0.2450 0.2680 0.1900 0.2040 0.1790 0.2150 0.1520 0.1520 0.1660	0.2240 0.2480 0.2630 LT=5 0.1880 0.2350 0.2530 0.2320 0.1610 0.2250 0.1900 0.1670 0.1880	0.2120 0.2320 LT=6 0.1680 0.1960 0.2210 0.2050 0.3040 0.1920 0.1880 0.1530 0.2010 0.2310	Nov Dec BSS-act-75 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec	0.2141 -0.0812 -0.0505 LT=1 -0.0687 -0.2268 -0.1263 -0.0193 -0.2254 -0.1148 -0.0873 -0.0178 -0.0078 -0	-0.0645 -0.0964 LT=2 -0.4706 -0.0341 -0.1004 -0.1833 -0.1942 -0.1173 -0.0367 -0.0779 -0.3272 -0.5778 -0.1918 LT=2	-0.2397 -0.1489 LT=3 -0.5776 -0.5170 -0.0882 -0.2629 -0.1105 -0.0244 -0.0576 -0.1751 -0.0370 -0.0398 -0.2675	-0.1614 -0.2971 LT=4 -0.4309 -0.5506 -0.2827 -0.2018 -0.2018 -0.0206 -0.1657 -0.0529 -0.0000 -0.0365 -0.2296 LT=4	-0.0821 -0.2338 -0.2009 LT=5 -0.7736 -0.5563 -0.0498 -0.1154 -0.0123 -0.2312 -0.0123 -0.0714 -0.0556 -0.060 -0.0208	0.0427 -0.0341 -0.0741 LT=6 -0.2727 -0.6610 -0.4636 -0.1750 -0.3103 -0.1517 -0.0105 -0.2783 -0.0691 -0.0936 -0.1786
Dec BS-act-75 Jan Feb Mar Apr May Jun Jul Sep Oct Nov Dec BS-A/T-25 Jan	0.3330 0.3330 0.3330 0.3350 0.3570 0.3250 0.1740 0.2330 0.1720 0.1920 0.1930 0.1910	0.2640 0.3070 LT=2 0.2000 0.3030 0.2630 0.1920 0.2130 0.1660 0.2260 0.2490 0.1010 0.1740 LT=2	0.3000 0.2700 LT=3 0.1830 0.2670 0.2590 0.2130 0.2110 0.1600 0.2020 0.2120 0.1040 0.1030 0.1990	0.2590 0.3100 LT=4 0.1760 0.2450 0.2450 0.1900 0.2040 0.1790 0.1870 0.1520 0.1320 0.1660 LT=4 37.66	0.2240 0.2480 0.2630 0.2630 0.2350 0.2760 0.2530 0.1620 0.1620 0.1620 0.1670 0.1880 0.1880 0.1880	0.2120 0.2320 LT=6 0.1680 0.1960 0.2210 0.2350 0.3040 0.2050 0.1820 0.1820 0.1870 0.2310 LT=6 81.89	Nov Dec BSS-act-75 Jan Jun Jun Jun Jun Jun Jun Jun Jun Jun Ju	0.2141 -0.0812 -0.0505 LT=1 0.0687 -0.2268 0.0455 -0.1263 -0.1253 -0.1254 0.1131 -0.0178 -0.0883 -0.1840 0.0591 LT=1 43.91	-0.0645 -0.0964 -0.0964 -0.0341 -0.1004 -0.1942 -0.1173 -0.0367 -0.0779 -0.3272 -0.5778 -0.1918 -0.1173 -0.1173	-0.2397 -0.1489 -0.5776 -0.5170 -0.0882 -0.2609 -0.2229 -0.1105 -0.0576 -0.0576 -0.0370 -0.0038 -0.2675	-0.1614 -0.2971 LT=4 -0.4309 -0.5506 -0.2827 -0.1657 0.0529 -0.1615 -0.0287 -0.0036 -0.296 -0.296 -0.296 -0.296 -0.296 -0.296 -0.296 -0.297	-0.0821 -0.2338 -0.2009 -0.7736 -0.5563 -0.7806 -0.0498 -0.1154 -0.0152 -0.0123 -0.0714 -0.0566 -0.0060 -0.006	0.0427 -0.0341 -0.0741 LT=6 -0.2727 -0.6610 -0.4636 -0.1750 -0.3103 -0.1517 -0.2450 0.2783 -0.0936 -0.1786 -0.1786
BS-act-75 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec BS-A/T-25 Jan Feb	0.3330 0.3330 0.3330 0.3350 0.3570 0.3560 0.2230 0.1740 0.1590 0.1720 0.0826 0.1490 0.1910	0.2640 0.3070 LT=2 0.2000 0.3030 0.2630 0.1920 0.2130 0.1810 0.2260 0.2490 0.1010 0.1740 LT=2 6.87 14.67	0.3000 0.2700 LT=3 0.1830 0.2670 0.1530 0.2030 0.2110 0.1600 0.2120 0.1120 0.1990 LT=3 21.46	0.2590 0.3100 LT=4 0.1760 0.2450 0.2680 0.1900 0.2040 0.1790 0.1870 0.1520 0.1520 0.1660 LT=4 37.666	0.2240 0.2480 0.2630 0.2630 0.2530 0.2530 0.2530 0.2530 0.2930 0.1610 0.2250 0.1900 0.1670 0.1880 0.1880	0.2120 0.2320 0.1680 0.1960 0.2210 0.2350 0.1920 0.1830 0.2010 0.1830 0.2010 0.1870 0.2310 LT=6 81.89 72.93	Nov Dec BSS-act-75 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec BS-A/T-75 Jan Feb	0.2141 -0.0812 -0.0505 LT=1 -0.0687 -0.2685 -0.1263 -0.1263 -0.1254 -0.1311 -0.0178 -0.083 -0.1840 -0.0591 LT=1 -43.91 -42.86	-0.0645 -0.0964 -0.0964 -0.0341 -0.1004 -0.1833 -0.1942 -0.1173 -0.0367 -0.0778 -0.1918 -0.1918 -0.1918	-0.2397 -0.1489 LT=3 -0.5776 -0.5170 -0.0882 -0.2609 -0.2229 -0.1105 -0.0244 -0.0576 -0.1751 -0.0377 -0.098 -0.2675 LT=3 -75.966 41.20	-0.1614 -0.2971 -0.4309 -0.5506 -0.2018 -0.2018 -0.0529 -0.1657 -0.0529 -0.1655 -0.0208 -0.0206 -0.2296 -0.2296	-0.0821 -0.2338 -0.2009 LT=5 -0.7736 -0.5563 -0.5563 -0.1154 -0.0182 -0.2312 -0.0714 -0.0556 0.0060	0.0427 -0.0341 -0.0741 LT=6 -0.2727 -0.6610 -0.4636 -0.1750 -0.3103 -0.1517 -0.0105 -0.2450 -0.2450 -0.2783 -0.0931 -0.0936 -0.1786 -0.1786
BS-act-75 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec BS-A/T-25 Jan Feb Mar Mar Mar Mar Mar Mar May Mar May	0.3330 0.3330 0.3330 LT=1 0.2710 0.3500 0.2330 0.1740 0.1590 0.1720 0.1920 0.1920 1.1720	0.2640 0.3070 1.2000 0.3030 0.2630 0.1810 0.2260 0.1810 0.1290 0.1010 0.1450 0.1740 1.457 1.467 1.467	0.3000 0.2700 1.1830 0.2670 0.2590 0.1530 0.2010 0.1600 0.2020 0.1040 0.1030 0.1990 1.1600 0.1040 0.1030 0.1990 1.1600 0.1040 0.1030 0.1040 0.1030 0.1040 0.1030 0.1040 0.1030 0.1040 0.1030 0.1040 0.	0.2590 0.3100 LT=4 0.1760 0.2450 0.2680 0.1900 0.1870 0.1520 0.1520 0.1520 0.1660 LT=4 37.66 27.33 32.98	0.2240 0.2480 0.2630 0.2630 0.2350 0.2760 0.2530 0.1620 0.1620 0.1670 0.1880 0.1880 0.1900 0.1880 0.1900 0.1870 0.1880	0.2120 0.2320 0.1680 0.1960 0.2210 0.2350 0.3040 0.2050 0.1530 0.2010 0.1530 0.2310 LT=6 81.89 72.93 44.64	Nov Dec BSS-act-75 Jan Jan Feb Mar Apr May Jun Jul Jul Jun Jul Sep Oct Nov Dec	0.2141 -0.0812 -0.0505 LT=1 0.0687 -0.2268 0.0455 -0.1263 -0.0193 -0.2254 -0.0178 -0.0183 -0.1840 -0.0891 LT=1 43.91 42.86	-0.0645 -0.0964 -0.0964 -0.0341 -0.10045 -0.1833 -0.1942 -0.1173 -0.0367 -0.3272 -0.5778 -0.1918 -0.1942 -0.1918 -0.1918	-0.2397 -0.1489 -0.5776 -0.5170 -0.08629 -0.2229 -0.1105 -0.0576 -0.0370 -0.0988 -0.2675 -0.10576 -0.1751 -0.0370 -0.2675 -0.2675	-0.1614 -0.2971 LT=4 -0.4309 -0.5506 -0.2018 -0.0206 -0.1657 -0.0529 -0.1615 -0.0287 -0.0000 -0.3655 -0.2296 LT=4 -0.2861 -0.2861 -0.2861 -0.2961 -0.2	-0.0821 -0.2338 -0.2009 -0.7736 -0.7866 -0.0498 -0.1154 -0.0112 -0.0714 -0.0556 -0.060	0.0427 -0.0341 -0.0741 -0.07741 -0.076610 -0.4636 -0.1750 -0.1517 -0.0105 -0.2450 -0.2783 -0.0936 -0.1786 -0.1786 -0.1786 -0.1786
BS-act-75 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec BS-A/T-25 Jan Feb Mar Apr	0.3330 0.3330 0.3330 LT=1 0.2710 0.3570 0.3560 0.2230 0.1740 0.1590 0.1720 0.0826 0.1490 0.1910 LT=1 16.68 2.48 13.75 35.20	0.2640 0.3070 1.T=2 0.2000 0.3030 0.1920 0.2130 0.1660 0.1810 0.2260 0.1450 0.1740 1.T=2 6.87 14.67 16.70	0.3000 0.2700 1.1830 0.2670 0.2590 0.1530 0.2030 0.2110 0.1600 0.2020 0.2120 0.1040 0.1930 0.1990 1.1530 0.2120 0.1040 0.1050 0.	0.2590 0.3100 LT=4 0.1760 0.2450 0.2680 0.1900 0.1900 0.1790 0.1520 0.1520 0.1660 LT=4 37.666 27.33 32.98 59.35	0.2240 0.2480 0.2480 0.2630 0.2630 0.2760 0.2530 0.2530 0.2530 0.1610 0.2290 0.1610 0.2590 0.1880 0.1880 0.1880 0.1880 0.1880 0.25300 0.2530 0.2530 0.2530 0.2530 0.2530 0.2530 0.25300 0.25	0.2120 0.2320 0.1680 0.1960 0.2210 0.2210 0.2050 0.1920 0.1880 0.1530 0.2010 0.1870 0.2310 LT=6 81.89 72.93 44.64 62.26	Nov Dec BSS-act-75 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec BS-A/T-75 Jan Feb Mar Apr Apr	0.2141 -0.0812 -0.0505 -0.0505 -0.2688 -0.0455 -0.1263 -0.0193 -0.2254 -0.1148 -0.0178 -0.0893 -0.1840 -0.0591 -0.1840 -0.0591	-0.0645 -0.0964 -0.0964 -0.0341 -0.1004 -0.1833 -0.1942 -0.1173 -0.0367 -0.0377 -0.0779 -0.3272 -0.5778 -0.1918 -0.57788 -0.5778 -0.57	-0.2397 -0.1489 -0.5776 -0.5170 -0.5170 -0.2229 -0.1105 -0.0244 -0.0576 -0.1751 -0.0370 -0.2675 -0.2675 -0.2675 -0.2675 -0.2675	-0.1614 -0.2971 -0.4309 -0.5506 -0.2827 -0.2018 -0.0267 -0.0529 -0.0000 -0.296 -0.296 -0.296 -0.296 -0.296 -0.296	-0.0821 -0.2338 -0.2009 -0.7736 -0.7736 -0.5563 -0.7806 -0.0498 -0.1154 -0.0152 -0.2312 -0.0714 -0.0556 0.0660 0.0660 0.0656 -0.0660 0.0656 -0.0660 0.0656 -0.0660 -0.	0.0427 -0.0341 -0.0741 LT=6 -0.2727 -0.6610 -0.4636 -0.1750 -0.3103 -0.1517 -0.0105 -0.2783 -0.0691 -0.0936 -0.1786 -0.1786
Dec BS-act-75 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec BS-ATT-25 Jan Feb Mar Apr Mar Apr Mar Mar Mar Mar Mar Mar Mar Mar Mar Ma	0.3330 0.3330 0.3330 LT=1 0.2710 0.3570 0.2350 0.1740 0.1720 0.1720 0.1720 0.1910 LT=1 16.68 2.484 13.75 35.20 27.78	0.2640 0.3070 LT=2 0.2000 0.3030 0.1920 0.2130 0.1660 0.1810 0.2260 0.1740 LT=2 6.87 14.67 16.70 35.84	0.3000 0.2700 LT=3 0.1830 0.2670 0.2590 0.1530 0.2110 0.1600 0.2020 0.2120 0.11030 0.1990 LT=3 21.46 10.78 35.69 40.29 40.29	0.2590 0.3100 LT=4 0.1760 0.2450 0.2680 0.1900 0.1900 0.1870 0.1520 0.1520 0.1320 0.15	0.2240 0.2480 0.2630 0.2630 0.2530 0.2760 0.2530 0.2530 0.2530 0.2530 0.1610 0.1620 0.1670 0.1880 LT=5 60.76 50.99 37.50 48.97 82.82	0.2120 0.2320 LT=6 0.1680 0.2210 0.2350 0.2050 0.1980 0.1530 0.2010 0.2310 LT=6 81.89 72.93 44.64 62.26	Nov Dec BSS-act-75 Jan Feb Mar Apr Jun Jul Aug Sep Oct Nov Dec BS-A/T-75 Jan Feb Mar Apr May May May May May	0.2141 -0.0812 -0.0505 LT=1 0.0687 -0.2268 0.0455 -0.1263 0.0193 -0.2254 -0.1148 -0.0178 -0.1840 0.0591 LT=1 43.91 42.866 33.333 29.51 24.90	-0.0645 -0.0964 -0.0964 -0.0341 -0.1004 -0.0341 -0.1094 -0.173 -0.173 -0.087 -0.0779 -0.5778 -0.1918 -0.173 -0.1918 -0.173 -0.1918 -0.	-0.2397 -0.1489 -0.5776 -0.5170 -0.5170 -0.0882 -0.2609 -0.2229 -0.1105 -0.0370 -0.0370 -0.0370 -0.0370 -0.2675 -0.267	-0.1614 -0.2971 LT=4 -0.4309 -0.5506 -0.2827 -0.2018 0.0206 -0.1657 -0.0297 -0.00529 -0.1657 -0.0297 -0.0000 -0.365 -0.2296 LT=4 -92.61 -54.299 -58.78 -72.76	-0.0821 -0.2338 -0.2009 -0.7736 -0.7806 -0.7806 -0.1154 -0.0123 -0.0714 -0.0556 -0.060 -0.0208 -0.060 -0.0908 -0.060 -0.0	0.0427 -0.0341 -0.0741 -0.0741 -0.0741 -0.6610 -0.4636 -0.1750 -0.1517 -0.0105 -0.2450 -0.2783 -0.0936 -0.1786
BS-act-75 Jan Feb Mar Mar May Jun	0.3330 0.3330 0.3330 LT=1 0.2710 0.3570 0.3500 0.2230 0.2530 0.1740 0.1720 0.0226 0.1480 0.1910 LT=1 16.68 2.48 2.48 2.48 2.48 2.78 9.3520 2.778	0.2640 0.3070 0.3070 0.3030 0.2633 0.1920 0.1810 0.2260 0.2490 0.1740 0.1740 LT=2 6.87 14.67 14.67 14.67 14.70 35.84 25.67	0.3000 0.2700 LT=3 0.1830 0.2670 0.2590 0.1530 0.2110 0.1600 0.2020 0.2120 0.1120 0.1030 0.1990 LT=3 21.466 10.78 35.69 40.29 43.59 48.15	0.2590 0.3100 LT=4 0.1760 0.2450 0.2450 0.2680 0.1990 0.2040 0.1790 0.1520 0.1520 0.1660 LT=4 37.666 27.33 32.98 59.35 48.81	0.2240 0.2480 0.2480 0.2630 0.2630 0.2760 0.2530 0.2530 0.2530 0.1620 0.1620 0.1900 0.1880 0.1880 0.2530 0.1880 0.2530 0.1880 0.1880 0.2530 0.1880 0.2530 0.1880 0.2530 0.2530 0.1880 0.2530 0.1880 0.2530 0.1880 0.25300 0.2530 0.2530 0.2530 0.2530 0.2530 0.2530 0.2530 0.253	0.2120 0.2320 0.1680 0.1960 0.2210 0.2350 0.1920 0.1880 0.1530 0.1530 0.1530 0.2310 LT=6 81.89 72.93 44.64 62.26 81.92	Nov Dec BSS-act-75 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec BS-A/T-75 Jan Feb Mar Apr May Jun	0.2141 -0.0812 -0.0505 -0.0505 -0.2268 0.0455 -0.1263 0.0193 -0.2254 -0.1311 0.1148 -0.0178 -0.083 -0.1840 -0.0591 -0.254 -0.0178 -0.0591 -0.254 -0.0178 -0.0591 -0.05	-0.0645 -0.0964 -0.0964 -0.0341 -0.1004 -0.0495 -0.1173 -0.1833 -0.1942 -0.1173 -0.3272 -0.5778 -0.1918 -0.57788 -0.5778 -0.57	-0.2397 -0.1489 -0.5776 -0.5170 -0.5170 -0.0882 -0.2629 -0.1105 -0.0244 -0.0576 -0.1751 -0.0370 -0.0393 -0.2675 -0.1751 -0.058 -0.2675 -0.058 -0.675 -0.058 -0.675 -0.058 -0.688 -0.888.63	0.1614 -0.2971 LT=4 -0.4309 -0.5506 -0.2827 -0.2018 -0.0529 -0.1615 -0.0287 -0.000 -0.3659 -0.296 -0	-0.0821 -0.2338 -0.2009 LT=5 -0.7736 -0.5563 -0.7806 -0.1984 -0.1154 -0.0182 -0.2312 -0.0723 -0.0723 -0.0000 -	0.0427 -0.0341 -0.0741 LT=6 -0.2727 -0.6610 -0.4636 -0.1750 -0.3103 -0.0517 -0.0155 -0.2783 -0.091 -0.1786 LT=6 -0.2783 -0.0383 -0.0517 -0.0383 -0.0517 -0.0383 -0.0517 -0.0383 -0.0517 -0.0383 -0.0517 -0.0383 -0.0517 -0.0383 -0.0517 -0.0383 -0.0517 -0.0383 -0.0517 -0.0383 -0.0517 -0.0383 -0.0517 -0.0383 -0.0517 -0.0383 -0.0517 -0.051
Dec BS-act-75 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec BS-AT-25 Jan Feb Mar Apr Mar Apr Mar Apr Jun	0.3330 0.3330 0.3330 LT=1 0.2710 0.3570 0.3560 0.2230 0.3550 0.1740 0.1590 0.1790	0.2640 0.3070 LT=2 0.2000 0.3030 0.2630 0.1920 0.1930 0.1660 0.2490 0.1740 LT=2 6.87 14.67 16.70 15.67 49.76	0.3000 0.2700 LT=3 0.1830 0.2670 0.2590 0.1530 0.2030 0.2110 0.1600 0.2020 0.2120 0.1120 0.1990 LT=3 21.466 10.78 35.69 40.299 43.599 48.15	0.2590 0.3100 LT=4 0.1760 0.2450 0.2450 0.2940 0.1990 0.1990 0.1170 0.1520	0.2240 0.2480 0.2630 LT=5 0.1880 0.2350 0.2550 0.2520 0.2290 0.1670 0.1670 0.1880 LT=5 60.76 50.99 37.50 48.97 82.82 62.40	0.2120 0.2320 LT=6 0.1680 0.1990 0.2210 0.2350 0.3040 0.0500 0.1880 0.1530 0.2310 LT=6 81.89 72.93 44.64 62.66 81.92 109.09 73.66	Nov Dec BSS-act-75 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec BS-A/T-75 Jan Feb Mar Apr May Jun Jul	0.2141 -0.0812 -0.0805 LT=1 0.0687 -0.2268 -0.1263 0.0193 -0.1263 0.1148 -0.0178 -0.0833 -0.1840 0.0591 LT=1 43.91 42.866 33.333 29.51 24.90 61.49 42.96	-0.0645 -0.0964 -0.0964 -0.0341 -0.1004 -0.0341 -0.1942 -0.1173 -0.0367 -0.0779 -0.5778 -0.1918 -0.5778 -0.1918 -0.3272 -0.5778 -0.1918 -0.3272 -0.5778 -0.1918 -0.3272 -0.327	-0.2397 -0.1489 -0.5776 -0.5776 -0.0882 -0.2609 -0.2229 -0.1105 -0.02229 -0.1105 -0.0370 -0.098 -0.2675	-0.1614 -0.2971 LT=4 -0.4309 -0.5506 -0.2827 -0.2018 -0.1657 -0.0227 -0.1615 -0.0287 -0.00529 -0.1615 -0.2296 LT=4 92.61 54.29 58.78 72.76 84.74 120.59 136.87	-0.0821 -0.2338 -0.2009 LT=5 -0.7736 -0.5663 -0.0498 -0.1154 -0.2312 -0.0714 -0.0556 -0.060 -	0.0427 -0.0341 -0.0741 LT=6 -0.2727 -0.6610 -0.1750 -0.3103 -0.1517 -0.0105 -0.2450 0.2783 -0.0936 -0.1786 LT=6 122.02 93.88 97.29 93.88 97.29 93.34 9
Dec BS-act-75 Jan Feb Mar Apr Mar Apr Muly Jun Jul Aug Sep Oct Nov Dec BS-AT-25 Jan Feb Mar Apr May Jun Jan Aug	0.3330 0.3330 0.3330 0.3570 0.3570 0.3560 0.2230 0.3550 0.1740 0.1590 0.1910 LT=1 16.68 2.48 13.75 35.20 27.78 9.14 11.35	0.2640 0.3070 LT=2 0.2000 0.3030 0.2630 0.1820 0.1810 0.2260 0.1810 0.2490 0.1010 0.1450 0.1740 LT=2 6.87 14.67 14.67 15.67 49.76 35.84 25.67 49.76 39.71	0.3000 0.2700 0.2700 0.2800 0.2610 0.2620 0.2590 0.2110 0.2020 0.1040 0.1030 0.1990 LT=3 21.46 10.78 35.69 40.29 43.59 48.15 61.97	0.2590 0.3100 LT=4 0.1760 0.2450 0.2450 0.2688 0.1900 0.1900 0.1790 0.1520 0.1660 LT=4 37.66 27.33 32.98 59.35 48.81 50.20 68.78	0.2240 0.2480 0.2630 LT=5 0.1880 0.2350 0.2530 0.1620 0.1610 0.2250 0.1670 0.1900 0.1670 0.1900 0.1670 0.2530 0.1820 0.00	0.2120 0.2320 LT=6 0.1680 0.1990 0.2210 0.2300 0.3040 0.2050 0.1920 0.1880 0.1950 0.2310 LT=6 81.89 72.93 44.64 62.26 81.92 109.09 73.66	Nov Dec BSS-act-75 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec BS-A/T-75 Jan Feb Mar Apr Jan	0.2141 -0.0812 -0.0505 LT=1 0.0687 -0.2268 0.0455 -0.1263 0.0193 -0.2254 0.1311 0.1148 -0.0778 -0.0883 -0.0591 LT=1 43.91 42.86 33.33 29.51 24.90 61.49 42.96	-0.0645 -0.0964 -0.0964 -0.0341 -0.1004 -0.1833 -0.1942 -0.1173 -0.0367 -0.1918 -0.1918 -0.5778 -0.1918 -0.57788 -0.5778 -0.57	-0.2397 -0.1489 -0.5776 -0.5170 -0.0882 -0.2629 -0.1105 -0.0264 -0.0576 -0.0370 -0.0370 -0.0388 -0.2675 -0.030 -0.2675 -0.030 -0	-0.1614 -0.2971 LT=4 -0.4309 -0.5506 -0.2827 -0.0529 -0.1615 -0.0267 -0.0020 -0.1615 -0.0287 -0.0000 -0.2296 LT=4 -0.296 -0.2296 LT=4 -0.2361 -0.23	-0.0821 -0.2338 -0.2009 -0.2009 -0.2009 -0.2009 -0.5563 -0.7806 -0.7836 -0.1154 -0.0182 -0.2312 -0.0123 -0.0714 -0.0556 -0.0608 -0.0060	0.0427 -0.0341 -0.0741 LT=6 -0.2727 -0.6610 -0.4636 -0.1750 -0.1517 -0.0155 -0.2450 -0.2783 -0.1517 -0.0105 -0.2450 -0.1786 -0.1786 -0.1786 -0.1786 -0.1989 -0.3103 -0.6911 -0.0936 -0.1786 -0.1989 -0.99134 -0.9
Dec BS-act-75 Jan Feb Mar Apr Mar Apr Jun Jul Aug Sep Dec BS-AT-25 Jan Mar Apr Mar Apr May Jun Jul Aug Sep Jun Jun Jul Aug Sep Jun	0.3330 0.3330 0.3330 LT=1 0.2710 0.3570 0.3360 0.2230 0.3550 0.1740 0.1590 0.1790 0.1910 LT=1 16.68 2.48 13.75 16.68 2.48 13.75 13.75 14.75 15.75 16.75 17.75 1	0.2640 0.3070 LT=2 0.2000 0.3030 0.2630 0.1920 0.1910 0.1810 0.1740 LT=2 6.87 14.67 16.70 35.84 25.67 49.76 39.71 49.76	0.3000 0.2700 LT=3 0.1830 0.2670 0.2590 0.1530 0.2110 0.1600 0.2020 0.1040 0.1030 0.1990 LT=3 21.466 10.78 35.69 40.29 43.59 43.59 43.159 61.97 107.28 68.46 68.46	0.2590 0.3100 LT=4 0.1760 0.2450 0.2450 0.2950 0.1900 0.1070 0.1520	0.2240 0.2480 0.2630 0.2630 0.2530 0.2530 0.2520 0.2290 0.1670 0.1800 0.1670 0.1880 0.256 0.2990 0.1670 0.1880 0.256 0.2990 0.1670 0.1880 0.256 0.2990 0.1670 0.1880 0.256 0.2990 0.1670 0.1880 0.256 0.2990 0.1670 0.1880 0.256 0.2990 0.1670 0.1880 0.256 0.2990 0.1670 0.1880 0.256 0.2990 0.1670 0.1880 0.256 0.2990 0.1670 0.1880 0.256 0.2990 0.1670 0.1880 0.256 0.2990 0.256 0.2990 0.1670 0.1880 0.256 0.2990 0.256 0.2990 0.1670 0.1880 0.256 0.25	0.2120 0.2320 0.2320 0.1880 0.1960 0.2210 0.2350 0.1920 0.1830 0.2050 0.1830 0.2050 0.1870 0.2310 0.2550 0.1870 0.2310 0.2550 0.1920 0.2550 0.1920 0.2550 0.1920 0.2550 0.1920 0.2550 0.1920 0.2550 0.1920 0.2550 0.1920 0.2550 0.1920 0.2550 0.1920 0.2550 0.1920 0.2550 0.	Nov Dec BSS-act-75 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec BS-A/T-75 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec	0.2141 -0.0812 -0.0812 -0.0807 -0.268 -0.2268 -0.1263 -0.1263 -0.1263 -0.1263 -0.1263 -0.1263 -0.1263 -0.1263 -0.1263 -0.1263 -0.1840 -0.0813 -0.1840 -0.0813 -0.1840 -0.0813 -0.1840 -0.0813 -0.1840 -0.0813 -0.1840 -0.0813 -0.1840 -0.0813 -0.1840 -0.0813 -0.1840 -0.0813 -0.1840 -0.0813 -0.1840 -0.0813 -0.1840 -0.0813 -0.1840 -0.0813 -0.1840 -0.0813 -0.1840 -0.0813 -0.1840 -0.0813 -0.1840 -0.0813	-0.0645 -0.0964 -0.0964 -0.0341 -0.0341 -0.1004 -0.1942 -0.1173 -0.0367 -0.1978 -0.1978 -0.191	-0.2397 -0.1489 -0.5176 -0.5176 -0.0882 -0.2609 -0.2229 -0.1105 -0.0224 -0.0751 -0.038 -0.2675 -0.0576	-0.1614 -0.2971 LT=4 -0.4309 -0.5506 -0.2827 -0.2018 -0.0268 -0.0269 -0.1657 -0.0297 -0.0000 -0.3655 -0.2296 LT=4 -9.261 -54.29 -58.78 -72.76 -84.74 -120.59 -136.87 -116.04 -72.09	-0.0821 -0.2338 -0.2009 LT=5 -0.7736 -0.5663 -0.0498 -0.1154 -0.1154 -0.0166 -0.0408 -0.0162 -0.2312 -0.0714 -0.0556 -0.060 -0.208 LT=5 -106.91 -78.72 -63.77 -73.66 -68.53 -127.16 -100.00 -137.27 -78.22	0.0427 -0.0341 -0.0341 -0.0741 LT=6 -0.2727 -0.6610 -0.1750 -0.3103 -0.1517 -0.0105 -0.2480 -0.2783 -0.0691 -0.0936 -0.1786 LT=6 122.02 93.88 97.29 93.84 59.87 123.90 109.90 135.64
Dec BS-act-75 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec BS-A/T-25 Jan Feb Mar Apr Mar Apr Mar Apr Apr Nov Dec Cott Nov Dec Cott Apr	0.3330 0.3330 0.3330 0.3360 0.2230 0.3570 0.3360 0.2230 0.3550 0.1740 0.1790 0.1790 0.1790 0.1910	0.2640 0.3070 1.722 0.2000 0.3030 0.2630 0.1810 0.2260 0.1810 0.1740 1.7	U.3000 0.2700 0.2700 0.2670 0.2690 0.2110 0.1630 0.2020 0.2120 0.1040 0.1990 U.T=3 21.46 10.78 35.69 40.29 48.15 61.97 107.28 68.46	0.2590 0.3100 LT=4 0.1760 0.2450 0.2450 0.2680 0.1900 0.2040 0.1790 0.1870 0.1520 0.1660 LT=4 37.666 27.33 32.98 59.35 48.81 50.20 68.78 82.24 95.67	0.2240 0.2480 0.2630 LT=5 0.1880 0.2350 0.2530 0.1620 0.1610 0.2250 0.1670 0.1890 LT=5 60.76 50.99 37.50 48.97 82.82 62.40 68.82 89.95 87.38	0.2120 0.2320 LT=6 0.1680 0.1960 0.2210 0.2350 0.3040 0.2050 0.1920 0.1880 0.2530 0.2510 0.2530 0.2510 0.25310 LT=6 81.89 72.93 44.64 62.26 81.92 109.09 73.66 73.78 81.43	Nov Dec BSS-act-75 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec BS-A/T-75 Jan Jan Feb Mar Apr Jun Jul Jul Aug Sep Oct Nov Dec	0.2141 -0.0812 -0.0855 LT=1 0.0687 -0.2268 -0.1263 -0.1263 -0.1263 -0.1148 -0.0145 -0.0183 -0.1840 -0.0183 -0.1840	-0.0645 -0.0964 -0.0964 -0.0964 -0.0341 -0.1004 -0.10367 -0.1833 -0.1942 -0.1173 -0.0367 -0.1918 -0.1918 -0.1918 -0.5778 -0.1918 -0.5778 -0.1918 -0.5788 -0.1918 -0.99	-0.2397 -0.1489 -0.5776 -0.5170 -0.0882 -0.1209 -0.1229 -0.1105 -0.0244 -0.0576 -0.0370 -0.2675 -0.0370 -0.1751 -0.0370 -0.1688 -0.2675 -0.0370 -0.037	-0.1614 -0.2971 LT=4 -0.4309 -0.5506 -0.2827 -0.1615 -0.0267 -0.0529 -0.1615 -0.0287 -0.0000 -0.3655 -0.2296 LT=4 -92.61 -54.29 -58.78 -72.76 -84.74 -120.59 -136.87 -116.04 -72.09 -123.68	-0.0821 -0.2338 -0.2009 -0.2009 -0.2009 -0.7736 -0.5563 -0.05663 -0.0498 -0.0154 -0.0152 -0.0714 -0.0556 -0.060 -0.008	0.0427 -0.0341 -0.0741 LT=6 -0.2727 -0.6610 -0.4636 -0.1750 -0.2450 -0.2450 -0.2783 -0.0936 -0.1786 -0.1786 -0.1786 -0.293 -0.0936 -0.1786 -0
Dec BS-act-75 Jan Feb Mar Apr Mar Apr Jun Jul Aug Sep Dec BS-AT-25 Jan Mar Apr Mar Apr May Jun Jul Aug Sep Jun Jun Jul Aug Sep Jun	0.3330 0.3330 0.3330 LT=1 0.2710 0.3570 0.3360 0.2230 0.3550 0.1740 0.1590 0.1790 0.1910 LT=1 16.68 2.48 13.75 16.68 2.48 13.75 13.75 14.75 15.75 16.75 17.75 1	0.2640 0.3070 LT=2 0.2000 0.3030 0.2630 0.1920 0.1910 0.1810 0.1740 LT=2 6.87 14.67 16.70 35.84 25.67 49.76 39.71 49.76	0.3000 0.2700 LT=3 0.1830 0.2670 0.2590 0.1530 0.2110 0.1600 0.2020 0.1040 0.1030 0.1990 LT=3 21.466 10.78 35.69 40.29 43.59 43.59 43.159 61.97 107.28 68.46 68.46	0.2590 0.3100 LT=4 0.1760 0.2450 0.2450 0.2950 0.1900 0.1070 0.1520	0.2240 0.2480 0.2630 0.2630 0.2530 0.2530 0.2520 0.2290 0.1670 0.1800 0.1670 0.1880 0.256 0.2990 0.1670 0.1880 0.256 0.2990 0.1670 0.1880 0.256 0.2990 0.1670 0.1880 0.256 0.2990 0.1670 0.1880 0.256 0.2990 0.1670 0.1880 0.256 0.2990 0.1670 0.1880 0.256 0.2990 0.1670 0.1880 0.256 0.2990 0.1670 0.1880 0.256 0.2990 0.1670 0.1880 0.256 0.2990 0.1670 0.1880 0.256 0.2990 0.256 0.2990 0.1670 0.1880 0.256 0.2990 0.256 0.2990 0.1670 0.1880 0.256 0.25	0.2120 0.2320 0.2320 0.1880 0.1960 0.2210 0.2350 0.1920 0.1930 0.2050 0.1930 0.2050 0.1930 0.2050 0.1930 0.2050 0.1930 0.2050 0.1930 0.2050 0.1930 0.2050 0.1930 0.2050 0.1930 0.2050 0.1930 0.2050 0.1930 0.2050 0.1930 0.2050 0.1930 0.2050 0.1930 0.2050 0.1930 0.2050 0.1930 0.2050 0.2050 0.1930 0.2050 0.1930 0.2050 0.	Nov Dec BSS-act-75 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec BS-A/T-75 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec	0.2141 -0.0812 -0.0812 -0.0807 -0.268 -0.2268 -0.1263 -0.1263 -0.1263 -0.1263 -0.1263 -0.1263 -0.1263 -0.1263 -0.1263 -0.1263 -0.1840 -0.0813 -0.1840 -0.0813 -0.1840 -0.0813 -0.1840 -0.0813 -0.1840 -0.0813 -0.1840 -0.0813 -0.1840 -0.0813 -0.1840 -0.0813 -0.1840 -0.0813 -0.1840 -0.0813 -0.1840 -0.0813 -0.1840 -0.0813 -0.1840 -0.0813 -0.1840 -0.0813 -0.1840 -0.0813 -0.1840 -0.0813 -0.1840 -0.0813	-0.0645 -0.0964 -0.0964 -0.0341 -0.0341 -0.1004 -0.1942 -0.1173 -0.0367 -0.1978 -0.1978 -0.191	-0.2397 -0.1489 -0.5176 -0.5176 -0.0882 -0.2609 -0.2229 -0.1105 -0.0224 -0.0751 -0.038 -0.2675 -0.0576	-0.1614 -0.2971 LT=4 -0.4309 -0.5506 -0.2827 -0.2018 -0.0268 -0.0269 -0.1657 -0.0297 -0.0000 -0.3655 -0.2296 LT=4 -9.261 -54.29 -58.78 -72.76 -84.74 -120.59 -136.87 -116.04 -72.09	-0.0821 -0.2338 -0.2009 LT=5 -0.7736 -0.5663 -0.0498 -0.1154 -0.1154 -0.0166 -0.0408 -0.0162 -0.2312 -0.0714 -0.0556 -0.060 -0.208 LT=5 -106.91 -78.72 -63.77 -73.66 -68.53 -127.16 -100.00 -137.27 -78.22	0.0427 -0.0341 -0.0341 -0.0741 LT=6 -0.2727 -0.6610 -0.1750 -0.3103 -0.1517 -0.0105 -0.2480 -0.2783 -0.0691 -0.0936 -0.1786 LT=6 122.02 93.88 97.29 93.84 59.87 123.90 109.90 135.64
Dec BS-act-75 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec BS-A/T-25 Jan Feb Mar Apr Mar Apr Mar Apr Apr Nov Dec Cott Nov Dec Cott Apr	0.3330 0.3330 0.3330 0.3360 0.2230 0.3570 0.3360 0.2230 0.3550 0.1740 0.1790 0.1790 0.1790 0.1910	0.2640 0.3070 1.722 0.2000 0.3030 0.2630 0.1810 0.2260 0.1810 0.1740 1.7	U.3000 0.2700 0.2700 0.2670 0.2690 0.2110 0.1630 0.2020 0.2120 0.1040 0.1990 U.T=3 21.46 10.78 35.69 40.29 48.15 61.97 107.28 68.46	0.2590 0.3100 LT=4 0.1760 0.2450 0.2450 0.2680 0.1900 0.2040 0.1790 0.1870 0.1520 0.1660 LT=4 37.666 27.33 32.98 59.35 48.81 50.20 68.78 82.24 95.67	0.2240 0.2480 0.2630 LT=5 0.1880 0.2350 0.2530 0.1620 0.1610 0.2250 0.1670 0.1890 LT=5 60.76 50.99 37.50 48.97 82.82 62.40 68.82 89.95 87.38	0.2120 0.2320 LT=6 0.1680 0.1960 0.2210 0.2350 0.3040 0.2050 0.1920 0.1880 0.2530 0.2510 0.2530 0.2510 0.25310 LT=6 81.89 72.93 44.64 62.26 81.92 109.09 73.66 73.78 81.43	Nov Dec BSS-act-75 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec BS-A/T-75 Jan Jan Feb Mar Apr Jun Jul Jul Aug Sep Oct Nov Dec	0.2141 -0.0812 -0.0855 LT=1 0.0687 -0.2268 -0.1263 -0.1263 -0.1263 -0.1148 -0.0145 -0.0183 -0.1840 -0.0183 -0.1840	-0.0645 -0.0964 -0.0964 -0.0964 -0.0341 -0.1004 -0.10367 -0.1833 -0.1942 -0.1173 -0.0367 -0.1918 -0.1918 -0.1918 -0.5778 -0.1918 -0.5778 -0.1918 -0.5788 -0.1918 -0.99	-0.2397 -0.1489 -0.5776 -0.5170 -0.0882 -0.1209 -0.1229 -0.1105 -0.0244 -0.0576 -0.0370 -0.2675 -0.0370 -0.1751 -0.0370 -0.1688 -0.2675 -0.0370 -0.037	-0.1614 -0.2971 LT=4 -0.4309 -0.5506 -0.2827 -0.1615 -0.0267 -0.0529 -0.1615 -0.0287 -0.0000 -0.3655 -0.2296 LT=4 -92.61 -54.29 -58.78 -72.76 -84.74 -120.59 -136.87 -116.04 -72.09 -123.68	-0.0821 -0.2338 -0.2009 -0.2009 -0.2009 -0.7736 -0.5563 -0.05663 -0.0498 -0.0154 -0.0152 -0.0714 -0.0556 -0.060 -0.008	0.0427 -0.0341 -0.0741 -0.0741 -0.0741 -0.0741 -0.0761 -0.6610 -0.4636 -0.1750 -0.2450 -0.2450 -0.2450 -0.2783 -0.0931 -0.0931 -0.0936 -0.1786 -122.02 -0.3103 -0.0931

Table 14: Skill scores in the Volga

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BS-theo-25	LT=1	LT=2	LT=3	I T=4	LT=5	LT=6	BSS-theo-25	LT=1	LT=2	LT=3	LT=4	LT=5	LT=6
Jan	0.1130	0.1860	0.1750	0.1690	0.2090	0.2060	Jan	-0.1142	-0.3461	-0.0064	-0.0036	-0.1821	-0.0635
Feb	0.0775	0.0675	0.1480	0.2090	0.1990	0.1900	Feb	-1.0939	0.3248	-0.0337	-0.3067	-0.0889	-0.0033
Mar	0.1120	0.0524	0.1070	0.1850	0.2090	0.2290	Mar	-5.8539	0.2502	0.2599	-0.1674	-0.1932	-0.2283
Apr	0.1290	0.1080	0.1410	0.1850	0.2180	0.2250	Apr	-0.5877	0.2241	-0.2465	-0.2529	-0.2990	-0.1068
May	0.0658	0.0457	0.0975	0.1610	0.1880	0.2200	May	-1.4894	0.4736	0.1705	-0.3364	-0.2125	-0.4716
Jun	0.0190	0.1290	0.0623	0.1640	0.1660	0.2080	Jun	0.2102	-0.7030	0.4925	-0.2146	-0.2099	-0.2977
Jul	0.0556	0.0620	0.1120	0.0934	0.1640	0.1640	Jul	-4.5636	-0.8746	-0.3868	0.2167	-0.2018	-0.1818
Aug	0.0559	0.0441	0.0551	0.0939	0.1040	0.1530	Aug	-1.0866	-2.0039	-0.4059	-0.1146	0.1895	-0.0169
Sep	0.0493	0.0813	0.0804	0.0837	0.1230	0.1000	Sep	0.2698	-0.0067	-0.0762	0.0264	-0.1052	0.1838
Oct	0.0664	0.0978	0.1020	0.0895	0.1040	0.0893	Oct	-0.3358	-0.3738	-0.2361	-0.1705	-0.0551	0.1874
Nov	0.0658	0.1390	0.1880	0.2040	0.1870	0.2050	Nov	0.4681	0.0222	-0.2047	-0.3695	-0.3041	-0.3320
Dec	0.1290	0.2030	0.1820	0.1950	0.2070	0.1930	Dec	-0.0251	-0.6203	-0.1153	-0.0686	-0.1567	-0.1161
BS-theo-75	LT=1	LT=2	LT=3	LT=4	LT=5	LT=6	BSS-theo-75	LT=1	LT=2	LT=3	LT=4	LT=5	LT=6
Jan	0.0501	0.1090	0.1310	0.1410	0.1460	0.1920	Jan	-0.1208	-0.1720	0.0368	0.0600	0.1152	-0.2308
Feb	0.0855	0.0556	0.1230	0.1470	0.1310	0.1660	Feb	-3.9709	0.3638	-0.0250	-0.0970	0.1863	0.0621
Mar	0.1340	0.0610	0.0829	0.1360	0.1760	0.1650	Mar	-1.5769	-0.1531	-0.0467	-0.0794	-0.1812	-0.0577
Apr	0.0989	0.0377	0.0767	0.0818	0.1460	0.1420	Apr	-10.2514	-0.0590	-0.3362	0.0757	-0.0977	0.1013
May	0.0510	0.0521	0.0711	0.0801	0.0857	0.1560	May	-0.2531	-0.4472	-0.0676	-0.2438	0.0941	-0.0833
Jun	0.0468	0.0760	0.0716	0.0854	0.1070	0.1150	Jun	-0.3970	-0.5574	-0.1205	-0.1178	-0.3789	-0.1058
Jul	0.0336	0.0190	0.0598	0.0576	0.1020	0.1230	Jul	-0.0735	0.4461	-0.1865	0.1416	-0.2608	-0.5649
Aug	0.0333	0.0336	0.0105	0.0510	0.0471	0.0904	Aug	-1.8220	-0.1237	0.6729	0.0538	0.2547	-0.1942
Sep	0.0438	0.0350	0.0281	0.0399	0.0584	0.0441	Sep	-0.1806	0.0141	0.1831	-0.1433	-0.0998	-0.0232
Oct	0.0501	0.0612	0.0490	0.0529	0.0408	0.0780	Oct	-0.2748	-0.5896	-0.1639	-0.3812	0.0286	-0.4885
Nov	0.0537	0.1060	0.1160	0.0876	0.0871	0.0758	Nov	0.4213	-0.3469	-0.6315	-0.3153	-0.1899	-0.1001
Dec	0.1020	0.1410	0.1310	0.1250	0.1410	0.1400	Dec	-0.3878	-0.1750	-0.1391	0.0458	-0.0763	0.0000
BS-act-25	LT=1	LT=2	LT=3	LT=4	LT=5	LT=6	BSS-act-25	LT=1	LT=2	LT=3	LT=4	LT=5	LT=6
Jan	0.3340	0.4120	0.3440	0.3320	0.2280	0.2380	Jan	0.0997	-0.2189	-0.1467	-0.1293	0.1972	0.1678
Feb	0.4160	0.3070	0.3680	0.2970	0.3180	0.2340	Feb	-0.0532	0.1127	-0.1871	-0.0569	-0.1955	0.0640
Mar	0.4250	0.3910	0.2980	0.3290	0.2900	0.3170	Mar	0.0406	-0.1534	0.0570	-0.0511	-0.0821	-0.2431
Apr	0.4230	0.4320	0.3160	0.2730	0.2870	0.2630	Apr	0.0804	-0.0800	0.0156	0.0930	0.0772	0.0075
May	0.5050	0.4370	0.4160	0.3110	0.2820	0.3270	May	-0.0120	0.0500	-0.1183	0.0281	0.0342	-0.0757
Jun	0.4550	0.4020	0.3770	0.3640	0.3200	0.2810	Jun	-0.0631	-0.0075	0.0208	-0.0931	-0.1228	-0.0181
Jul	0.4560	0.4260	0.3850	0.3900	0.3640	0.3110	Jul	-0.1287	-0.0597	0.0052	-0.0317	-0.1235	-0.1107
Aug	0.4500	0.4380	0.4190	0.3850	0.3830	0.3590	Aug	-0.0638	-0.0950	-0.0423	0.0351	0.0353	-0.0685
Sep	0.3950	0.3900	0.4020	0.3810	0.3830	0.4280	Sep	-0.0340	0.0176	-0.0334	0.0499	-0.0609	-0.1413
Oct	0.4090	0.3310	0.3170	0.3290	0.3380	0.3470	Oct	-0.0568	0.0543	0.0593	0.0237	-0.0060	-0.1490
Nov	0.4260	0.3480	0.2640	0.2920	0.3170	0.2870	Nov	-0.2456	-0.0774	0.1200	0.0426	-0.0359	-0.0070
Dec	0.4840	0.3940	0.3540	0.2710	0.2520	0.2870	Dec	-0.2804	-0.1420	-0.1879	0.0491	0.0903	-0.0513
BS-act-75	LT=1	LT=2	LT=3	LT=4	LT=5	LT=6	BSS-act-75	I T=1	LT=2	LT=3	LT=4	LT=5	LT=6
Jan	0.1350	0.1780	0.1750	0.1780	0.1770	0.1990	Jan	0.0146	-0.1484	0.0223	-0.0230	0.0000	-0.1706
Feb	0.1540	0.1650	0.1860	0.2030	0.2120	0.1720	Feb	-0.2031	-0.1301	-0.0751	-0.1154	-0.1217	0.1134
Mar	0.2000	0.1800	0.1680	0.1860	0.2010	0.2210	Mar	0.1266	0.0217	-0.0307	-0.1071	-0.0865	-0.1693
Apr	0.2750	0.2440	0.2020	0.1970	0.1960	0.2110	Apr	0.1158	-0.0252	-0.1099	-0.1257	0.0101	0.0580
May	0.2690	0.2100	0.1920	0.1370	0.1460	0.1560	May	-0.1070	0.0583	0.0495	0.1104	0.2108	0.2353
Jun	0.2470	0.2580	0.2290	0.1880	0.1570	0.1690	Jun	-0.0786	-0.0932	-0.1117	0.0553	-0.0129	0.0611
Jul	0.2340	0.2310	0.2230	0.2210	0.2230	0.2050	Jul	-0.0130	-0.0221	0.0176	-0.0676	-0.1040	-0.2349
Aug	0.2330	0.2280	0.2290	0.2090	0.2050	0.2120	Aug	0.0251	-0.0179	-0.0223	0.0413	-0.0099	-0.1522
Sep	0.2380	0.2290	0.2100	0.2160	0.1920	0.2020	Sep	-0.0818	-0.0651	-0.0145	-0.0485	0.0254	-0.1038
Oct	0.2200	0.2010	0.1940	0.1740	0.1740	0.1870	Oct	-0.0092	-0.0924	-0.0430	0.0114	0.0645	0.0650
Nov	0.1870	0.1660	0.2130	0.1850	0.1720	0.1480	Nov	-0.0163	0.0621	-0.3396	-0.1709	-0.2286	-0.0571
Dec	0.1930	0.2010	0.2090	0.1670	0.1720	0.1890	Dec	-0.2532	-0.1618	-0.1943	0.0000	-0.0818	-0.1887
BS-A/T-25	LT=1	LT=2	LT=3	LT=4	LT=5	LT=6	BS-A/T-75	LT=1	LT=2	LT=3	LT=4	LT=5	LT=6
Jan	33.83	45.15	50.87	50.90	91.67	86.55	Jan	37.11	61.24	74.86	79.21	82.49	96.48
Feb	18.63	21.99	40.22	70.37	62.58	81.20	Feb	55.52	33.70	66.13	72.41	61.79	96.51
Mar	26.35	13,40	35.91	56.23	72.07	72.24	Mar	67.00	33.89	49.35	73.12	87.56	74.66
Apr	30.50	25.00	44.62	67.77	75.96	85.55	Apr	35.96	15.45	37.97	41.52	74.49	67.30
May	13.03	10.46	23.44	51.77	66.67	67.28	May	18.96	24.81	37.03	58.47	58.70	100.00
Jun	4.18	32.09	16.53	45.05	51.88	74.02	Jun	18.95	29.46	31.27	45.43	68.15	68.05
Jul	12.19	14.55	29.09	23.95	45.05	52.73	Jul	14.36	8.23	26.82	26.06	45.74	60.00
Aug	12.42	10.07	13.15	24.39	27.15	42.62	Aug	14.29	14.74	4.59	24.40	22.98	42.64
Sep	12.48	20.85	20.00	21.97	32.11	23.36	Sep	18.40	15.28	13.38	18.47	30.42	21.83
0.1	16.23	29.55	32.18	27.20	30.77	25.73	Oct	22.77	30.45	25.26	30.40	23.45	41.71
Oct													
Nov	15.45	29.55 39.94	71.21	69.86	58.99	71.43	Nov	28.72	63.86	54.46	47.35	50.64	51.22
							Nov Dec						51.22 74.07

Table 15: Skill scores in the Columbia

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	li T d	I T O	1 T O	h = 4	h = -	LT 0	000 # 05	h = 4			I T 4	I T. C	17.0
BS-theo-25 Jan	LT=1 0.0278	LT=2 0.0553	LT=3 0.0442	LT=4 0.0547	LT=5 0.1010	LT=6 0.0972	BSS-theo-25 Jan	LT=1 -0.1830	LT=2 0.0659	LT=3 0.3818	LT=4 0.4384	LT=5 0.0288	LT=6 0.1164
Feb	0.0276	0.0333	0.0442	0.0347	0.0889	0.0972	Feb	-0.1030	-0.3626	-0.1004	0.4364	0.0266	0.7104
Mar	0.0689	0.0650	0.1400	0.1420	0.1270	0.1050	Mar	-5.3211	-0.1168	-0.4523	-0.3524	-0.2841	0.1393
Apr	0.0647	0.0612	0.0567	0.1330	0.0812	0.1400	Apr	0.1125	0.3598	0.2201	0.0000	0.2877	0.0000
May	0.0664	0.1430	0.1020	0.0969	0.1340	0.1270	May	-0.7946	-0.3883	0.0097	0.0310	-0.1453	-0.1441
Jun	0.0843	0.0548	0.0708	0.1470	0.1150	0.1060	Jun	-2.0879	0.3492	0.3679	-0.2895	-0.0952	-0.1289
Jul	0.1170	0.0937	0.1050	0.1530	0.1840	0.1570	Jul	-1.8676	-0.5016	0.0000	-0.1504	-0.2349	-0.1805
Aug	0.0377	0.0793	0.0920	0.1140	0.1750	0.2030	Aug	-0.3810	-0.6184	-0.2568	0.1915	-0.1364	-0.1871
Sep	0.0165	0.0391	0.0419	0.0534	0.1310	0.2040	Sep	0.6108	-0.0568	0.3274	0.5189	0.2061	-0.0909
Oct	0.0052	0.0160	0.0419	0.0416	0.0623	0.1190	Oct	0.5372	0.4326	-0.2972	0.2877	0.4178	0.2372
Nov	0.0474	0.0661	0.0554	0.0945	0.0837	0.0857	Nov	0.4716	0.0970	0.3719	-0.1553	0.0279	-0.0793
Dec	0.0769	0.0736	0.0317	0.0576	0.0364	0.0972	Dec	0.1549	-0.7864	0.4162	0.1312	0.4663	0.0376
BS-theo-75	I T=1	LT=2	LT=3	II T-4	LT=5	I T=6	BSS-theo-75	I T=1	LT=2	LT=3	LT=4	I T≡5	LT=6
	0.0667	0.0499	0.0584	0.0601	0.0866	0.0826		-0.9503	-0.0267	-0.0523	-0.1426	-0.2146	-0.0631
Jan Feb	0.0067	0.0499	0.0364	0.0536	0.0487	0.0832	Jan Feb	-20.7500	-0.0267	-0.0523	-0.1426	0.1209	-0.0631
Mar	0.0344	0.0191	0.0300	0.0590	0.0462	0.0522	Mar	-6.7130	-1.3012	0.0323	-0.3470	0.1554	0.1046
Apr	0.0336	0.0499	0.0388	0.0226	0.0550	0.0576	Apr	-2.5707	-1.3649	0.1397	0.2207	0.1115	0.0448
May	0.0344	0.0736	0.0446	0.0359	0.0493	0.0678	May	0.0601	-0.1429	0.1373	0.0452	0.1228	-0.0813
Jun	0.0879	0.0212	0.0708	0.0576	0.0408	0.0507	Jun	-5.7099	0.0093	-0.1185	0.0695	-0.1271	0.1348
Jul	0.0895	0.0782	0.0669	0.0515	0.0609	0.0795	Jul	-2.3902	-0.9309	-0.7605	-0.0981	-0.5457	-0.3452
Aug	0.1000	0.0515	0.0697	0.0725	0.0661	0.0683	Aug	-12.6612	-2.1212	-0.9201	-1.4167	-0.5301	-0.7927
Sep	0.1010	0.0559	0.0562	0.0829	0.0879	0.0713	Sep	-618.6319	-4.3750	-2.4061	-1.6742	-1.4349	-0.8142
Oct	0.0504	0.0328	0.0741	0.0532	0.1020	0.1020	Oct	-60.9165	-7.8410	-3.9400	-1.4860	-2.1875	-2.1003
Nov	0.0884	0.0446	0.0584	0.0890	0.1180	0.1110	Nov	-0.7931	-1.6707	-0.3550	-0.4883	-0.4824	-0.3105
Dec	0.0556	0.0388	0.0397	0.0631	0.0821	0.0939	Dec	-3.3780	-0.4370	-1.7762	-0.4180	-0.4454	-0.1578
DC 25	LT=1	IT 0	li T o	li T 4	li T. c	li T. c	DCC and DE	li T 4	I T 2	I T 2	I T 4	I T C	IT C
BS-act-25 Jan	0.2160	LT=2 0.1340	LT=3 0.1730	LT=4 0.1640	LT=5 0.1410	LT=6 0.1760	BSS-act-25	LT=1 -0.1192	LT=2 0.1779	LT=3 0.0495	LT=4 -0.0513	LT=5 0.2034	LT=6 0.0112
Feb	0.2100	0.1340	0.1730	0.2190	0.1990	0.1700	Feb	0.0272	-0.1095	0.0493	-0.0046	0.2034	0.1459
Mar	0.1430	0.2330	0.1020	0.2190	0.1990	0.1930	Mar	-0.1826	0.0185	-0.1833	-0.0046	0.0149	0.0493
Apr	0.1190	0.1400	0.1510	0.1760	0.1720	0.1940	Apr	0.1185	-0.2281	-0.0067	-0.1069	-0.1391	0.0443
May	0.2000	0.2280	0.1800	0.1970	0.2440	0.2180	May	-0.1765	-0.1232	0.0217	0.1005	-0.1675	-0.0187
Jun	0.2060	0.1760	0.1740	0.1900	0.2280	0.2150	Jun	-0.2956	-0.0353	0.1386	0.1775	-0.0179	0.0271
Jul	0.2140	0.1480	0.1900	0.2130	0.2570	0.2640	Jul	-0.2022	0.2952	0.2607	0.2022	0.0000	0.0737
Aug	0.1100	0.1340	0.1220	0.1690	0.2110	0.2450	Aug	0.1912	0.0360	0.3297	0.2747	0.0944	-0.0251
Sep	0.1440	0.1360	0.1570	0.1810	0.2030	0.2340	Sep	0.1724	0.0621	0.1130	0.1773	0.1748	0.0290
Oct	0.1810	0.1430	0.1510	0.1260	0.1410	0.1740	Oct	-0.1242	0.1488	0.0904	0.1000	0.2079	
Nov							Nov						0.0279
Dec	0.1750	0.1810	0.1640	0.1850	0.1630	0.1770	INUV	0.0331	0.0055	0.0787	-0.0632	0.0739	-0.1346
DOL	0.1750 0.1310		0.1640 0.1830	0.1850 0.1420		0.1770 0.1640	Dec	0.0331 0.1088	0.0055 0.1463	0.0787 -0.2039			
Det		0.1810			0.1630		Dec				-0.0632	0.0739	-0.1346
	0.1310	0.1810 0.1400	0.1830	0.1420	0.1630 0.1760	0.1640	Dec	0.1088	0.1463	-0.2039	-0.0632 0.0897	0.0739 -0.1139	-0.1346 -0.0186
BS-act-75	0.1310 LT=1	0.1810 0.1400 LT=2	0.1830 LT=3	0.1420 LT=4	0.1630 0.1760 LT=5	0.1640 LT=6	Dec BSS-act-75	0.1088 LT=1	0.1463 LT=2	-0.2039 LT=3	-0.0632 0.0897 LT=4	0.0739 -0.1139 LT=5	-0.1346 -0.0186
BS-act-75 Jan	0.1310 LT=1 0.1330	0.1810 0.1400 LT=2 0.1440	0.1830 LT=3 0.1150	0.1420 LT=4 0.1730	0.1630 0.1760 LT=5 0.1560	0.1640 LT=6 0.1700	Dec BSS-act-75 Jan	0.1088 LT=1 0.1133	0.1463 LT=2 0.0270	-0.2039 LT=3 0.1288	-0.0632 0.0897 LT=4 -0.0549	0.0739 -0.1139 LT=5 0.0602	-0.1346 -0.0186 LT=6 -0.0119
BS-act-75 Jan Feb	0.1310 LT=1 0.1330 0.1320	0.1810 0.1400 LT=2 0.1440 0.1080	0.1830 LT=3 0.1150 0.1390	0.1420 LT=4 0.1730 0.0912	0.1630 0.1760 LT=5 0.1560 0.1370	0.1640 LT=6 0.1700 0.1650	BSS-act-75 Jan Feb	0.1088 LT=1 0.1133 0.0222	0.1463 LT=2 0.0270 -0.0693	-0.2039 LT=3 0.1288 -0.0221	-0.0632 0.0897 LT=4 -0.0549 0.2762	0.0739 -0.1139 LT=5 0.0602 0.1329	-0.1346 -0.0186 LT=6 -0.0119 -0.0443
BS-act-75 Jan Feb Mar	0.1310 LT=1 0.1330	0.1810 0.1400 LT=2 0.1440	0.1830 LT=3 0.1150	0.1420 LT=4 0.1730	0.1630 0.1760 LT=5 0.1560	0.1640 LT=6 0.1700	BSS-act-75 Jan Feb Mar	0.1088 LT=1 0.1133	0.1463 LT=2 0.0270	-0.2039 LT=3 0.1288 -0.0221 -0.1294	-0.0632 0.0897 LT=4 -0.0549	0.0739 -0.1139 LT=5 0.0602	-0.1346 -0.0186 LT=6 -0.0119
BS-act-75 Jan Feb Mar Apr	0.1310 LT=1 0.1330 0.1320 0.0890 0.0336	0.1810 0.1400 LT=2 0.1440 0.1080 0.0912	0.1830 LT=3 0.1150 0.1390 0.1030 0.0670	0.1420 LT=4 0.1730 0.0912 0.1280 0.0529	0.1630 0.1760 LT=5 0.1560 0.1370 0.0901 0.0863	0.1640 LT=6 0.1700 0.1650 0.1270 0.0764	BSS-act-75 Jan Feb Mar Apr	0.1088 LT=1 0.1133 0.0222 0.2261 0.1744	0.1463 LT=2 0.0270 -0.0693 0.2930 0.1485	-0.2039 LT=3 0.1288 -0.0221 -0.1294 0.2796	-0.0632 0.0897 LT=4 -0.0549 0.2762 -0.0240	0.0739 -0.1139 LT=5 0.0602 0.1329 0.2961	-0.1346 -0.0186 LT=6 -0.0119 -0.0443 0.1699
BS-act-75 Jan Feb Mar	0.1310 LT=1 0.1330 0.1320 0.0890	0.1810 0.1400 LT=2 0.1440 0.1080 0.0912 0.0499	0.1830 LT=3 0.1150 0.1390 0.1030	0.1420 LT=4 0.1730 0.0912 0.1280	0.1630 0.1760 LT=5 0.1560 0.1370 0.0901	0.1640 LT=6 0.1700 0.1650 0.1270	BSS-act-75 Jan Feb Mar	0.1088 LT=1 0.1133 0.0222 0.2261	0.1463 LT=2 0.0270 -0.0693 0.2930	-0.2039 LT=3 0.1288 -0.0221 -0.1294	-0.0632 0.0897 LT=4 -0.0549 0.2762 -0.0240 0.1049	0.0739 -0.1139 LT=5 0.0602 0.1329 0.2961 0.2295	-0.1346 -0.0186 LT=6 -0.0119 -0.0443 0.1699 0.2724
BS-act-75 Jan Feb Mar Apr May Jun	0.1310 LT=1 0.1330 0.1320 0.0890 0.0336 0.0890	0.1810 0.1400 LT=2 0.1440 0.1080 0.0912 0.0499 0.0433	0.1830 LT=3 0.1150 0.1390 0.1030 0.0670 0.0567	0.1420 LT=4 0.1730 0.0912 0.1280 0.0529 0.0579	0.1630 0.1760 LT=5 0.1560 0.1370 0.0901 0.0863 0.0614	0.1640 LT=6 0.1700 0.1650 0.1270 0.0764 0.0929 0.0992	BSS-act-75 Jan Feb Mar Apr May	0.1088 LT=1 0.1133 0.0222 0.2261 0.1744 -0.1680	0.1463 LT=2 0.0270 -0.0693 0.2930 0.1485 0.0069	-0.2039 LT=3 0.1288 -0.0221 -0.1294 0.2796 -0.0967	-0.0632 0.0897 LT=4 -0.0549 0.2762 -0.0240 0.1049 0.2290	0.0739 -0.1139 LT=5 0.0602 0.1329 0.2961 0.2295 -0.2899	-0.1346 -0.0186 LT=6 -0.0119 -0.0443 0.1699 0.2724 0.0981
BS-act-75 Jan Feb Mar Apr May Jun	0.1310 LT=1 0.1330 0.1320 0.0890 0.0336 0.0890 0.1120	0.1810 0.1400 LT=2 0.1440 0.1080 0.0912 0.0499 0.0433 0.1180	0.1830 LT=3 0.1150 0.1390 0.1030 0.0670 0.0567 0.0890	0.1420 LT=4 0.1730 0.0912 0.1280 0.0529 0.0579 0.1000	0.1630 0.1760 LT=5 0.1560 0.1370 0.0901 0.0863 0.0614 0.1130	0.1640 LT=6 0.1700 0.1650 0.1270 0.0764 0.0929	BSS-act-75 Jan Feb Mar Apr May Jun	0.1088 LT=1 0.1133 0.0222 0.2261 0.1744 -0.1680 0.3293	0.1463 LT=2 0.0270 -0.0693 0.2930 0.1485 0.0069 0.0084	-0.2039 LT=3 0.1288 -0.0221 -0.1294 0.2796 -0.0967 -0.1125	-0.0632 0.0897 LT=4 -0.0549 0.2762 -0.0240 0.1049 0.2290 -0.2092	0.0739 -0.1139 LT=5 0.0602 0.1329 0.2961 0.2295 -0.2899 -0.0561	-0.1346 -0.0186 LT=6 -0.0119 -0.0443 0.1699 0.2724 0.0981 -0.0420
BS-act-75 Jan Feb Mar Apr May Jun Jul Aug	0.1310 LT=1 0.1330 0.1320 0.0890 0.0336 0.0890 0.1120 0.0956	0.1810 0.1400 LT=2 0.1440 0.1080 0.0912 0.0499 0.0433 0.1180 0.0722	0.1830 LT=3 0.1150 0.1390 0.1030 0.0670 0.0567 0.0890 0.0791	0.1420 LT=4 0.1730 0.0912 0.1280 0.0529 0.0579 0.1000 0.0758	0.1630 0.1760 LT=5 0.1560 0.1370 0.0901 0.0863 0.0614 0.1130 0.0609	0.1640 LT=6 0.1700 0.1650 0.1270 0.0764 0.0929 0.0992 0.0826	BSS-act-75 Jan Feb Mar Apr May Jun	0.1088 LT=1 0.1133 0.0222 0.2261 0.1744 -0.1680 0.3293 -0.2867	0.1463 LT=2 0.0270 -0.0693 0.2930 0.1485 0.0069 0.0084 -0.4765	-0.2039 LT=3 0.1288 -0.0221 -0.1294 0.2796 -0.0967 -0.1125 -0.0777	-0.0632 0.0897 LT=4 -0.0549 0.2762 -0.0240 0.1049 0.2290 -0.2092 -0.0542	0.0739 -0.1139 LT=5 0.0602 0.1329 0.2961 0.2295 -0.2899 -0.0561 0.1109	-0.1346 -0.0186 LT=6 -0.0119 -0.0443 0.1699 0.2724 0.0981 -0.0420 0.1449
BS-act-75 Jan Feb Mar Apr May Jun Jul Aug Sep Oct	0.1310 LT=1 0.1330 0.1320 0.0890 0.1120 0.0956 0.1000 0.1860 0.1530	0.1810 0.1400 0.1400 0.1400 0.1080 0.0912 0.0499 0.0433 0.1180 0.0722 0.0636 0.1950 0.1720	0.1830 LT=3 0.1150 0.1390 0.1030 0.0670 0.0567 0.0890 0.0791 0.0636 0.2080 0.1350	0.1420 LT=4 0.1730 0.0912 0.1280 0.0529 0.0579 0.1000 0.0725 0.1980 0.1990	0.1630 0.1760 LT=5 0.1560 0.1370 0.0901 0.0863 0.0614 0.1130 0.0609 0.1090 0.2090 0.1870	0.1640 LT=6 0.1700 0.1650 0.1270 0.0764 0.0929 0.0804 0.2290 0.2540	BSS-act-75 Jan Feb Mar Apr May Jun Jul Aug Sep Oct	0.1088 LT=1 0.1133 0.0222 0.2261 0.1744 -0.1680 0.3293 -0.2867 -0.3514 0.2874 0.1947	0.1463 LT=2 0.0270 -0.0693 0.2930 0.1485 0.0069 0.0084 -0.4765 -0.1778 0.1631 0.0899	-0.2039 LT=3 0.1288 -0.0221 -0.1294 0.2796 -0.0967 -0.1125 -0.0777 -0.6563 0.0415 0.2582	-0.0632 0.0897 LT=4 -0.0549 0.2762 -0.0240 0.1049 0.2290 -0.2092 -0.0542 -0.0588 -0.0815	0.0739 -0.1139 LT=5 0.0602 0.1329 0.2961 0.2295 -0.2899 -0.0561 0.1109 -0.6490 -0.0097 -0.0097	-0.1346 -0.0186 LT=6 -0.0119 -0.0443 0.1699 0.2724 0.0981 -0.0420 0.1449 -0.2331 -0.2378 -0.3298
BS-act-75 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov	0.1310 LT=1 0.1330 0.1320 0.0890 0.0120 0.0956 0.1000 0.1530 0.1610	0.1810 0.1400 0.1400 0.1400 0.0912 0.0499 0.0433 0.1180 0.0722 0.0636 0.1950 0.1720 0.1720 0.1720	0.1830 LT=3 0.1150 0.1390 0.1030 0.0670 0.0890 0.0791 0.0636 0.2080 0.1350 0.1740	0.1420 LT=4 0.1730 0.0912 0.1280 0.0529 0.1000 0.0758 0.0725 0.1980 0.1990 0.1800	0.1630 0.1760 0.1760 0.1560 0.1370 0.0901 0.0863 0.0614 0.1130 0.0609 0.1090 0.2090 0.1870 0.2340	0.1640 LT=6 0.1700 0.1650 0.1270 0.0764 0.0929 0.0992 0.0826 0.0804 0.2290 0.22540 0.1470	BSS-act-75 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov	0.1088 LT=1 0.1133 0.0222 0.2261 0.1744 -0.1680 0.3293 -0.2867 -0.3514 0.2874 0.1947 0.1658	0.1463 LT=2 0.0270 -0.0693 0.2930 0.1485 0.0069 0.0084 -0.4765 -0.1778 0.1631 0.0899 0.0952	-0.2039 LT=3 0.1288 -0.0221 -0.1294 0.2796 -0.0967 -0.1125 -0.0777 -0.6563 0.0415 0.2582 0.1792	-0.0632 0.0897 LT=4 -0.0549 0.2762 -0.0240 0.1049 0.2290 -0.0542 -0.0542 -0.0588 -0.0815 0.0769	0.0739 -0.1139 LT=5 0.0602 0.1329 0.2961 0.2295 -0.2899 -0.0561 0.1109 -0.6490 -0.0097 -0.0747 -0.1415	-0.1346 -0.0186 LT=6 -0.0119 -0.0443 -0.1699 -0.2724 -0.0420 -0.1449 -0.2331 -0.2378 -0.3298 -0.2304
BS-act-75 Jan Feb Mar Apr May Jun Jul Aug Sep Oct	0.1310 LT=1 0.1330 0.1320 0.0890 0.1120 0.0956 0.1000 0.1860 0.1530	0.1810 0.1400 0.1400 0.1400 0.1080 0.0912 0.0499 0.0433 0.1180 0.0722 0.0636 0.1950 0.1720	0.1830 LT=3 0.1150 0.1390 0.1030 0.0670 0.0567 0.0890 0.0791 0.0636 0.2080 0.1350	0.1420 LT=4 0.1730 0.0912 0.1280 0.0529 0.0579 0.1000 0.0725 0.1980 0.1990	0.1630 0.1760 LT=5 0.1560 0.1370 0.0901 0.0863 0.0614 0.1130 0.0609 0.1090 0.2090 0.1870	0.1640 LT=6 0.1700 0.1650 0.1270 0.0764 0.0929 0.0804 0.2290 0.2540	BSS-act-75 Jan Feb Mar Apr May Jun Jul Aug Sep Oct	0.1088 LT=1 0.1133 0.0222 0.2261 0.1744 -0.1680 0.3293 -0.2867 -0.3514 0.2874 0.1947	0.1463 LT=2 0.0270 -0.0693 0.2930 0.1485 0.0069 0.0084 -0.4765 -0.1778 0.1631 0.0899	-0.2039 LT=3 0.1288 -0.0221 -0.1294 0.2796 -0.0967 -0.1125 -0.0777 -0.6563 0.0415 0.2582	-0.0632 0.0897 LT=4 -0.0549 0.2762 -0.0240 0.1049 0.2290 -0.2092 -0.0542 -0.0588 -0.0815	0.0739 -0.1139 LT=5 0.0602 0.1329 0.2961 0.2295 -0.2899 -0.0561 0.1109 -0.6490 -0.0097 -0.0097	-0.1346 -0.0186 -0.0186 -0.0119 -0.0443 -0.1699 -0.2724 -0.0981 -0.0420 -0.1449 -0.2331 -0.2378 -0.3298
BS-act-75 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov	0.1310 LT=1 0.1330 0.1320 0.0890 0.0120 0.0956 0.1000 0.1530 0.1610	0.1810 0.1400 0.1400 0.1400 0.0912 0.0499 0.0433 0.1180 0.0722 0.0636 0.1950 0.1720 0.1720 0.1720	0.1830 LT=3 0.1150 0.1390 0.1030 0.0670 0.0890 0.0791 0.0636 0.2080 0.1350 0.1740	0.1420 LT=4 0.1730 0.0912 0.1280 0.0529 0.1000 0.0758 0.0725 0.1980 0.1990 0.1800	0.1630 0.1760 0.1760 0.1560 0.1370 0.0901 0.0863 0.0614 0.1130 0.0609 0.1090 0.2090 0.1870 0.2340	0.1640 LT=6 0.1700 0.1650 0.1270 0.0764 0.0929 0.0992 0.0826 0.0804 0.2290 0.22540 0.1470	BSS-act-75 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov	0.1088 LT=1 0.1133 0.0222 0.2261 0.1744 -0.1680 0.3293 -0.2867 -0.3514 0.2874 0.1947 0.1658	0.1463 LT=2 0.0270 -0.0693 0.2930 0.1485 0.0069 0.0084 -0.4765 -0.1778 0.1631 0.0899 0.0952	-0.2039 LT=3 0.1288 -0.0221 -0.1294 0.2796 -0.0967 -0.1125 -0.0777 -0.6563 0.0415 0.2582 0.1792	-0.0632 0.0897 LT=4 -0.0549 0.2762 -0.0240 0.1049 0.2290 -0.0542 -0.0542 -0.0588 -0.0815 0.0769	0.0739 -0.1139 LT=5 0.0602 0.1329 0.2961 0.2295 -0.2899 -0.0561 0.1109 -0.6490 -0.0097 -0.0747 -0.1415	-0.1346 -0.0186 -0.0186 -0.0119 -0.0443 0.1699 0.2724 -0.0981 -0.0420 0.1449 -0.2331 -0.2378 -0.3298 0.2304
BS-act-75 Jan Feb Mar Apr Apr Jun Jul Aug Sep Oct Nov	0.1310 LT=1 0.1330 0.1320 0.0890 0.0336 0.0890 0.1120 0.0956 0.1000 0.1530 0.1530 0.1540	0.1810 0.1400 LT=2 0.1440 0.1080 0.0912 0.0439 0.0433 0.1180 0.0722 0.0636 0.1950 0.1720 0.1720 0.1930	0.1830 LT=3 0.1150 0.1390 0.1033 0.0670 0.0850 0.0791 0.0636 0.2080 0.1350 0.1740 0.1730	0.1420 LT=4 0.1730 0.0912 0.1280 0.0529 0.0579 0.1000 0.0758 0.0725 0.1980 0.1990 0.1800	0.1630 0.1760 0.1760 0.1370 0.0901 0.0863 0.0614 0.1130 0.0609 0.1090 0.2090 0.1870 0.2340 0.1610	0.1640 LT=6 0.1700 0.1650 0.1270 0.0764 0.0929 0.0826 0.0804 0.2290 0.2544 0.1470 0.2150	BSS-act-75 Jan Feb Mar Apr May Jun Aug Sep Oct Nov	0.1088 LT=1 0.1133 0.0222 0.2261 0.1744 -0.1680 0.3293 -0.2867 -0.3514 0.2874 0.1947 0.1658 0.1879	0.1463 LT=2 0.0270 -0.063 0.2930 0.1485 0.0069 -0.4765 -0.1778 0.1631 0.0899 0.0952 0.1216	-0.2039 LT=3 0.1288 -0.0221 -0.1294 0.2796 -0.0967 -0.1125 -0.0777 -0.6563 0.0415 0.2562 0.1792 0.0226	-0.0632 0.0897 LT=4 -0.0549 0.2762 -0.0240 0.1049 0.2290 -0.0542 -0.0542 -0.0815 0.0769 -0.0326	0.0739 -0.1139 LT=5 0.0602 0.1329 0.2961 0.2295 -0.2891 -0.0661 0.1109 -0.6490 -0.097 -0.074 -0.0747 -0.1415 0.1250	-0.1346 -0.0186 LT=6 -0.0119 -0.0443 0.1699 0.2724 0.0981 -0.0422 0.1449 -0.2331 -0.2378 0.2304 -0.0437
BS-act-75 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec	0.1310 LT=1 0.1330 0.1320 0.0890 0.0336 0.1120 0.0956 0.1000 0.1530 0.1610 0.1340	0.1810 0.1400 LT=2 0.1440 0.1080 0.0912 0.0493 0.1180 0.0722 0.0633 0.1950 0.1720 0.1900 0.1300	0.1830 LT=3 0.1150 0.1390 0.0507 0.0890 0.0791 0.0636 0.2080 0.1350 0.1740 0.1730	0.1420 LT=4 0.1730 0.0912 0.1280 0.0529 0.1000 0.0758 0.0725 0.1980 0.1990 0.1800 0.1990	0.1630 0.1760 0.1560 0.1370 0.0901 0.0863 0.0614 0.1130 0.0609 0.1090 0.1870 0.2340 0.1610	0.1640 LT=6 0.1700 0.1650 0.1270 0.0764 0.0929 0.0992 0.0826 0.0804 0.2290 0.2540 0.1470 0.2150	BSS-act-75 Jan Feb Mar Apr May Jun Jud Aug Sep Oct Nov Dec	0.1088 LT=1 0.1133 0.0222 0.2261 0.1744 -0.1680 0.3293 -0.2867 -0.3514 0.2874 0.1947 0.1658 0.1879	0.1463 LT=2 0.0270 -0.0693 0.2930 0.1485 0.0069 0.0084 -0.4765 -0.1778 0.1631 0.0892 0.0992 0.1216	-0.2039 LT=3	-0.0632 0.0897 LT=4 -0.0549 0.2762 -0.0240 0.1049 0.2290 -0.0542 -0.0542 -0.0815 -0.0769 -0.0326	0.0739 -0.1139 LT=5 0.0602 0.1329 0.2961 0.2295 -0.0561 0.1109 -0.0474 -0.1415 0.1250	-0.1346 -0.0186 -0.0119 -0.0443 -0.1699 -0.2724 -0.0981 -0.0420 -0.1449 -0.2378 -0.3298 -0.2304 -0.0437
BS-act-75 Jan Feb Mar Apr May Jun Jun Jul Aug Sep Oct Nov Dec BS-A/T-25 Jan	0.1310 LT=1 0.1330 0.1320 0.0890 0.1120 0.1980 0.1090 0.1980 0.1530 0.1610 0.1340	0.1810 0.1400 0.1440 0.1080 0.0912 0.0439 0.1180 0.0722 0.0636 0.1950 0.1720 0.1300 0.1300	0.1830 LT=3 0.1150 0.1390 0.1030 0.0670 0.0567 0.0890 0.0791 0.0636 0.2080 0.1350 0.1740 0.1730	0.1420 LT=4 0.1730 0.0912 0.1280 0.0529 0.0579 0.1000 0.0725 0.1990 0.1800 0.1990 LT=4 33.35	0.1630 0.1760 LT=5 0.1560 0.1370 0.0901 0.0863 0.0614 0.1130 0.2090 0.1090 0.2340 0.1610 LT=5 71.63	0.1640 LT=6 0.1700 0.1650 0.1270 0.0764 0.0929 0.0826 0.0804 0.2290 0.2540 0.1470 0.2150 LT=6 55.23	Dec BSS-act-75 Jan Feb Marr Apr May Jun Jul Aug Sep Oct Nov Dec BS-A/T-75 Jan	0.1088 LT=1 0.1133 0.0222 0.2261 0.1744 -0.1680 0.3293 -0.2867 -0.3514 0.2874 0.1947 0.1658 0.1879	0.1463 LT=2 0.0270 -0.0693 0.2930 0.1485 0.0069 -0.1778 -0.1778 0.0899 0.0952 0.1216 LT=2 34.65	-0.2039 LT=3 0.1288 -0.0221 -0.1294 0.2796 -0.067 -0.1125 -0.0777 -0.6563 0.0415 0.2582 0.1792 0.0226	-0.0632 0.0897 LT=4 -0.0549 0.2762 -0.0240 0.2902 -0.2932 -0.0542 -0.0542 -0.0545 -0.0545 -0.0769 -0.0326 LT=4 34.74	0.0739 -0.1139 LT=5 -0.0602 -0.1329 -0.2961 -0.2955 -0.2899 -0.0661 -0.1109 -0.6490 -0.0097 -0.1415 -0.1250 LT=5	-0.1346 -0.0186 LT=6 -0.0119 -0.0443 0.1699 -0.0424 -0.0981 -0.0420 -0.2378 -0.2378 -0.2304 -0.0437 LT=6
BS-act-75 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec	0.1310 LT=1 0.1320 0.0890 0.0336 0.0890 0.1120 0.0980 0.1120 0.0980 0.1530	0.1810 0.1400 LT=2 0.1440 0.1080 0.0912 0.0433 0.1180 0.0722 0.0536 0.1950 0.1720 0.1300 LT=2 41.27 42.58	0.1830 LT=3 0.1150 0.1390 0.0670 0.0850 0.0791 0.0366 0.2080 0.1730 LT=3 25.555 46.37	0.1420 LT=4 0.1730 0.0912 0.1280 0.0529 0.1000 0.0758 0.0725 0.1980 0.1990 0.1990 LT=4 33.355 44.38	0.1630 0.1760 0.1760 0.1560 0.1370 0.0861 0.0614 0.1130 0.0609 0.1090 0.1290 0.1870 0.2340 0.1610 LT=5 71.63	0.1640 LT=6 0.1700 0.1650 0.1270 0.0764 0.0929 0.09826 0.0804 0.2290 0.2540 0.2150 LT=6 55.23 54.27	BSS-act-75 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec	0.1088 LT=1 0.1133 0.0222 0.2261 0.1744 -0.1880 0.3293 -0.2867 -0.3514 0.2874 0.1947 0.1658 0.1879 LT=1 LT=1 50.155 26.366	0.1463 LT=2 0.0270 -0.0693 0.2930 0.1485 0.0069 0.0084 -0.4765 -0.1778 0.1631 0.0899 0.0552 0.1216 LT=2 34.655 32.87	-0.2039 LT=3 0.1288 -0.0221 -0.1294 0.2796 -0.0967 -0.1125 -0.0777 -0.6563 0.0415 0.2582 0.1792 0.0226 LT=3 50.78	-0.0632 0.0897 LT=4 -0.0549 0.2762 0.1049 0.2290 -0.0542 -0.0542 -0.0815 -0.0815 -0.0769 -0.0326 LT=4 34.74	0.0739 -0.1139 LT=5 -0.0602 0.1329 0.2961 0.2295 -0.2899 -0.0561 0.1109 -0.6490 -0.0097 -0.1415 0.1250 LT=5	-0.1346 -0.0186 LT=6 -0.0119 -0.0443 0.1699 -0.0422 0.0981 -0.0429 -0.2378 -0.2378 -0.2394 -0.0437 LT=6 48.59 50.42
BS-act-75 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec BS-A/T-25 Jan Feb Mar	0.1310 LT=1 0.1330 0.1320 0.0890 0.1120 0.0956 0.1000 0.1550 0.1610 0.1340 LT=1 12.87 29.72 50.66	0.1810 0.1400 0.1440 0.1080 0.0912 0.0493 0.0433 0.1180 0.0722 0.0636 0.1720 0.1900 0.1300 LT=2 41.27 42.58	0.1830 LT=3 0.1150 0.1390 0.1030 0.0670 0.0567 0.0890 0.0791 0.0636 0.2080 0.1350 0.1740 0.1730	0.1420 LT=4 0.1730 0.0912 0.1280 0.0529 0.0579 0.1000 0.0725 0.1990 0.1800 0.1990 LT=4 33.35	0.1630 0.1760 0.1560 0.1370 0.0901 0.0863 0.0614 0.1130 0.0609 0.1090 0.2090 0.1870 0.2340 0.1610 LT=5 71.63 44.67 62.87	0.1640 LT=6 0.1700 0.1650 0.1270 0.0764 0.0929 0.0932 0.0826 0.0804 0.1470 0.2150 LT=6 55.23 54.27	BSS-act-75 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec BS-A/T-75 Jan Feb Mar	0.1088 LT=1 0.1133 0.0222 0.2261 0.1744 -0.1680 0.3293 -0.2867 -0.3514 0.1947 0.1958 0.1879 LT=1 50.15 26.36	0.1463 LT=2 0.0270 -0.0693 0.2930 0.0884 -0.1778 0.1631 0.0899 0.0952 0.1216 LT=2 34.65 32.87 20.94	-0.2039 LT=3 0.1288 -0.0221 -0.1294 0.2796 -0.067 -0.1125 -0.0777 -0.6563 0.0415 0.2582 0.1792 0.0226	-0.0632 0.0897 LT=4 -0.0549 0.2762 -0.0240 0.2902 -0.2932 -0.0542 -0.0542 -0.0545 -0.0545 -0.0769 -0.0326 LT=4 34.74	0.0739 -0.1139 -0.1139 -0.0602 -0.1329 -0.2961 -0.2996 -0.2899 -0.05661 -0.1109 -0.6490 -0.0097 -0.0747 -0.1415 -0.1250 -0.125	-0.1346 -0.0186 -0.0119 -0.0443 -0.1699 0.2724 -0.0981 -0.0420 0.1449 -0.2331 -0.2336 -0.2304 -0.0437 -0.2437 -0.0437
BS-act-75 Jan Feb Mar Apr May Jul Jul Aug Sep Oct Nov Dec BS-A/T-25 Jan Feb Mar Apr	0.1310 LT=1 0.1330 0.1320 0.0890 0.0336 0.0990 0.1120 0.0956 0.1000 0.1530 0.1530 0.1530 1.1530 1.1530 1.1530 1.1540	0.1810 0.1400 1.1400 0.1440 0.1080 0.0912 0.0433 0.0722 0.1950 0.1720 0.1720 0.1300 1.1800 0.1400 0.	0.1830 LT=3 0.1150 0.1390 0.1030 0.0677 0.0567 0.0890 0.0791 0.0636 0.2080 0.1350 0.1740 0.1730 LT=3 25.55 46.37 65.73 37.55	0.1420 LT=4 0.1730 0.0912 0.1280 0.0529 0.0579 0.1000 0.0725 0.1980 0.1990 LT=4 33.35 44.38 76.34 75.57	0.1630 0.1760 0.1760 0.1370 0.0901 0.0863 0.0614 0.1130 0.0609 0.1870 0.2340 0.1610 LT=5 71.63 44.67 62.87	0.1640 LT=6 0.1700 0.1650 0.1270 0.0764 0.0929 0.0982 0.0804 0.2294 0.1470 0.2150 LT=6 55.23 54.27 72.16	BSS-act-75 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec BS-A/T-75 Jan Feb Mar Apr	0.1088 LT=1 0.1133 0.0222 0.2261 0.1744 -0.1680 0.3293 -0.2867 -0.3514 0.1947 0.1947 0.1658 0.1879 LT=1 50.15 26.36 38.65	0.1463 LT=2 0.0270 -0.0693 0.2930 0.1485 0.0069 0.0084 -0.1778 0.1631 0.0899 0.0952 0.1216 LT=2 34.65 32.87 20.94	-0.2039 LT=3 -0.1288 -0.0221 -0.1294 -0.2796 -0.0967 -0.1125 -0.0777 -0.6563 -0.0415 -0.2582 -0.1792 -0.0226 LT=3 -0.782 -0.782 -0.792 -0.792 -0.792 -0.792 -0.792 -0.792 -0.792 -0.792 -0.792 -0.792 -0.792 -0.792 -0.792 -0.792 -0.792 -0.792 -0.793 -0.79	-0.0632 0.0897 LT=4 -0.0549 0.2762 -0.0240 0.1049 0.2290 -0.0542 -0.0815 -0.0815 0.0769 -0.0326 LT=4 34.74 58.77 46.09	0.0739 -0.1139 -0.1139 -0.0602 -0.1329 -0.2961 -0.295 -0.2899 -0.0561 -0.1109 -0.0747 -0.1415	-0.1346 -0.0186 -0.0119 -0.0443 -0.042 -0.0420 -0.0420 -0.0420 -0.0427 -0.0427 -0.0437 -0.0437 -0.0437 -0.0437 -0.0437 -0.0437
BS-act-75 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec BS-A/T-25 Jan Feb Mar	0.1310 LT=1 0.1330 0.1320 0.0890 0.1120 0.0956 0.1000 0.1550 0.1610 0.1340 LT=1 12.87 29.72 50.66	0.1810 0.1400 0.1440 0.1080 0.0912 0.0493 0.0722 0.0636 0.1720 0.1300 0.1300 0.1300 0.1300 0.1300 0.1300	0.1830 LT=3 0.1150 0.1390 0.1030 0.0677 0.0857 0.0890 0.791 0.0636 0.2080 0.1350 0.1740 0.1730 LT=3 25.55 46.37 65.73 37.55	0.1420 LT=4 0.1730 0.0912 0.1280 0.0529 0.0579 0.1000 0.0725 0.0725 0.1980 0.1990 1.800 0.1900 LT=4 33.35 44.38 76.34	0.1630 0.1760 0.1760 0.1560 0.1560 0.0901 0.0863 0.0614 0.1130 0.2090 0.2090 0.1870 0.2340 0.1610 LT=5 71.63 44.67 47.21	0.1640 LT=6 0.1700 0.1650 0.1270 0.0764 0.0929 0.0932 0.0826 0.0804 0.1470 0.2150 LT=6 55.23 54.27	BSS-act-75 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec BS-A/T-75 Jan Feb Mar	0.1088 LT=1 0.1133 0.0222 0.2261 0.1744 -0.1680 0.3293 -0.2867 -0.3514 0.1947 0.1958 0.1879 LT=1 50.15 26.36	0.1463 LT=2 0.0270 -0.0693 0.2930 0.0884 -0.1778 0.1631 0.0899 0.0952 0.1216 LT=2 34.65 32.87 20.94	-0.2039 LT=3 0.1288 -0.0221 -0.1294 0.2796 -0.1125 -0.0777 -0.6563 0.0415 0.2582 0.1792 0.0226 LT=3 50.78 35.78 29.13	-0.0632 0.0897 LT=4 -0.0549 0.2762 -0.0240 0.1049 0.2290 -0.0542 -0.0542 -0.0815 0.0769 -0.0326 LT=4 34.74 58.77 46.09	0.0739 -0.1139 -0.1139 -0.0602 -0.1329 -0.2961 -0.2996 -0.2899 -0.05661 -0.1109 -0.6490 -0.0097 -0.0747 -0.1415 -0.1250 -0.125	-0.1346 -0.0186 -0.0119 -0.0443 -0.1699 0.2724 -0.0981 -0.0420 0.1449 -0.2331 -0.2336 -0.2304 -0.0437 -0.2437 -0.0437
BS-act-75	0.1310 LT=1 0.1330 0.1320 0.0890 0.1120 0.0956 0.1000 0.1530 0.1610 0.1340 LT=1 12.87 29.72 50.66 54.37 33.20	0.1810 0.1400 1.1400 0.1440 0.1080 0.0912 0.0433 0.0722 0.1950 0.1720 0.1720 0.1300 1.1800 0.1400 0.	0.1830 LT=3 0.1150 0.1390 0.1030 0.0677 0.0857 0.0890 0.791 0.0636 0.2080 0.1350 0.1740 0.1730 LT=3 25.55 46.37 65.73 37.55	0.1420 LT=4 0.1730 0.0912 0.1280 0.0529 0.0579 0.1050 0.0725 0.0725 0.1980 0.1990 0.1800 0.1990 LT=4 33.35 44.38 76.34 75.57	0.1630 0.1760 0.1760 0.1370 0.0901 0.0863 0.0614 0.1130 0.0609 0.1870 0.2340 0.1610 LT=5 71.63 44.67 62.87	0.1640 LT=6 0.1700 0.1650 0.1270 0.0764 0.0929 0.0826 0.0804 0.2290 0.2540 0.1470 0.2150 LT=6 55.23 54.27 54.40 72.16	BSS-act-75 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec BS-A/T-75 Jan Feb Mar Apr May May	0.1088 LT=1 0.1133 0.0222 0.2261 0.1744 -0.1680 0.3293 -0.2867 -0.3514 0.1947 0.1658 0.1879 LT=1 50.15 26.36 38.65 100.00 38.65	0.1463 LT=2 0.0270 -0.0693 0.2930 0.1495 0.0069 0.0084 -0.4765 -0.1778 0.1631 0.0899 0.0952 0.1216 LT=2 34.65 32.87 20.94 100.00 169.98	-0.2039 LT=3 -0.1288 -0.0221 -0.1294 -0.1294 -0.0967 -0.1125 -0.077 -0.6563 -0.0415 -0.2582 -0.1792 -0.0226 LT=3 -0.78	-0.0632 0.0897 LT=4 -0.0549 0.2762 -0.0240 0.1049 0.292 -0.0582 -0.0588 -0.0815 0.0769 -0.0326 LT=4 34.74 46.09 42.72	0.0739 -0.1139 -0.1139 -0.10602 -0.1329 -0.2951 -0.2959 -0.0561 -0.2109 -0.097 -0.1415 -0.1250	-0.1346 -0.0186 LT=6 -0.0119 -0.0443 -0.0429 -0.2724 -0.0420 -0.1449 -0.2331 -0.2334 -0.2304 -0.0437 LT=6 -48.59 50.42 41.10 75.39 72.98
BS-act-75	0.1310 LT=1 0.1330 0.1320 0.0890 0.0336 0.0890 0.1120 0.0956 0.1530 0.1610 0.1340 LT=1 12.87 29.72 50.66 54.37 33.20 40.92	0.1810 0.1400 LT=2 0.1440 0.1080 0.0912 0.0499 0.0433 0.1180 0.0722 0.1950 0.1720 0.1950 0.1720 0.1950	0.1830 LT=3 0.1150 0.1390 0.1030 0.0670 0.0567 0.0890 0.0791 0.0636 0.2080 0.1350 0.1740 0.1730 LT=3 25.55 46.37 65.73 37.555 56.67 40.69	0.1420 LT=4 0.1730 0.0912 0.1280 0.0529 0.0579 0.1090 0.0758 0.1980 0.1990 0.1990 LT=4 33.35 44.38 75.57 49.19	0.1630 0.1760 0.1760 0.1370 0.0901 0.0863 0.0614 0.1130 0.0609 0.1090 0.2990 0.1870 0.1610 ET=5 71.63 44.67 62.87 47.21 54.92	0.1640 LT=6 0.1700 0.1650 0.1270 0.0764 0.0929 0.0929 0.0826 0.2840 0.2290 0.2540 0.1470 0.2150 LT=6 55.23 54.27 54.40 72.16 58.26 49.30	BSS-act-75 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec BS-A/T-75 Jan Feb Mar Apr Apr May Jun	0.1088 LT=1 0.1133 0.0222 0.2261 0.1744 -0.1680 0.3293 -0.2867 0.1947 0.1947 0.1658 0.1879 LT=1 50.15 26.36 38.655 100.00 38.65	0.1463 LT=2 0.0270 -0.0693 0.1485 0.0069 0.0084 -0.4765 -0.1778 -0.1778 0.1631 0.0899 0.0952 0.1216 LT=2 34.65 32.87 2.934 100.00 169.98	-0.2039 LT=3 -0.1288 -0.0221 -0.1294 -0.1294 -0.0967 -0.1125 -0.0777 -0.6563 -0.0415 -0.2562 -0.1792 -0.0226 LT=3 -0.78 -0.3252 -0.78 -0	-0.0632 0.0897 LT=4 -0.0549 0.2762 -0.0240 0.1049 0.2290 -0.0542 -0.0815 -0.0769 -0.0326 LT=4 34.74 58.77 46.09 42.72 62.00 57.60	0.0739 -0.1139 -0.1139 -0.0602 -0.1329 -0.295 -0.2899 -0.0661 -0.1109 -0.0097 -0.0747 -0.1415 -0.1250	-0.1346 -0.0186 -0.0119 -0.0443 -0.0420 -0.1699 -0.2724 -0.0420 -0.1449 -0.2378 -0.3298 -0.2304 -0.0437 -0.043
BS-act-75 Jan Feb Mar Apr May Jul Jul Aug Sep Oct Nov Dec BS-ATT-25 Jan Feb Mar Apr May Jun Jun Jun Jul Aug Jun	0.1310 LT=1 0.1330 0.1320 0.0890 0.0890 0.0956 0.1120 0.0956 0.1000 0.1530 0.1610 0.1340 LT=1 12.87 29.72 29.72 29.73 33.20 40.92	0.1810 0.1400 0.1400 0.1080 0.0912 0.0499 0.0493 0.1180 0.1950 0.1720 0.1720 0.1720 0.1300 0.	0.1830 LT=3 0.1150 0.1390 0.1030 0.0670 0.0567 0.0890 0.0791 0.0636 0.2080 0.1350 0.1740 0.1730 LT=3 25.55 46.37 65.73 37.555 56.67 40.69	0.1420 LT=4 0.1730 0.0912 0.1280 0.0529 0.0579 0.1090 0.0725 0.1980 0.1990 0.1800 0.1800 0.1800 0.1807 0.1900 LT=4 33.35 44.38 76.34 75.57 49.19 77.37	0.1630 0.1760 0.1560 0.1590 0.0901 0.0863 0.0614 0.130 0.2990 0.2940 0.2340 0.1610 LT=5 71.63 44.67 62.87 74.21 54.92 54.92 54.94 71.63	0.1640 LT=6 0.1700 0.1650 0.1270 0.0764 0.0929 0.0826 0.0804 0.2290 0.2540 0.1470 0.1470 0.2150 LT=6 55.23 54.27 54.40 72.16 58.26 49.30	BSS-act-75 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec BS-A/T-75 Jan Feb Mar Apr May Jun	0.1088 LT=1 0.1133 0.0222 0.2261 0.1744 0.1630 0.3293 -0.2867 0.3514 0.2874 0.1658 0.1879 LT=1 50.15 26.36 38.65 100.00 38.65 78.48	0.1463 LT=2 0.0270 -0.0693 0.2930 0.1485 0.0069 -0.1778 0.1693 0.0994 -0.4765 -0.1216 LT=2 34.65 32.87 20.94 100.000 169.98 17.97 108.31	UT=3 0.1288 -0.0221 -0.1294 -0.1294 -0.0967 -0.0125 -0.0777 -0.6563 -0.0415 -0.2582 -0.1792 -0.0226 -0.0226 -0.0268 -0	-0.0632 0.0897 LT=4 -0.0549 0.2762 -0.0240 0.1049 0.2092 -0.0542 -0.0558 -0.0815 0.0769 -0.0326 LT=4 34.74 58.77 46.09 57.60 67.94	0.0739 -0.1139 -0.1139 -0.0602 -0.0602 -0.2996 -0.2996 -0.0561 -0.2996 -0.0640 -0.097 -0.1415 -0.1250	-0.1346 -0.0186 -0.0119 -0.0443 -0.0420 -0.2331 -0.2378 -0.2304 -0.0437 -0.3298 -0.2304 -0.4437 -0.52988 -0.5298 -0.5298 -0.5298 -0.5298 -0.5298 -0.5298 -0.5298 -0.52
BS-act-75 Jan Feb Mar Apr May Jul Aug Sep Dec BS-AT-25 Jan Mar Apr May Jun Jul Aug Sep Jan Mar Apr May Jun	0.1310 LT=1 0.1330 0.1320 0.0890 0.0890 0.0120 0.0956 0.1120 0.1530 0.1610 0.1340 LT=1 12.87 29.72 50.66 54.37 33.20 40.92 54.67 34.27	0.1810 0.1400 LT=2 0.1440 0.1080 0.0912 0.0493 0.1180 0.0722 0.1950 0.1300 LT=2 41.27 42.58 43.71 62.72 31.14 63.31	0.1830 LT=3 0.1150 0.1390 0.0670 0.0567 0.0890 0.0791 0.0636 0.2080 0.1740 0.1730 LT=3 25.55 46.37 37.55 56.67 40.69 55.26	0.1420 LT=4 0.1730 0.0912 0.1280 0.0529 0.0579 0.1090 0.0758 0.1980 0.1990 0.1990 0.1800 0.1900 LT=4 33.35 44.38 76.34 75.57 49.19 77.37	0.1630 0.1760 0.1560 0.1370 0.0901 0.0863 0.0663 0.1030 0.1030 0.1030 0.1030 0.1030 0.1030 0.1610 0.	0.1640 LT=6 0.1700 0.1650 0.1270 0.0764 0.0929 0.0929 0.0826 0.2290 0.2540 0.2150 LT=6 55.23 54.27 54.40 72.16 58.26 49.30 59.47	BSS-act-75 Jan Feb Mar Apr May Jun Aug Sep Oct Nov Dec BS-AT-75 Jan Feb Mar Apr Jul Aug Sep Oct Nov Jul Aug Sep Oct Nov Dec	0.1088 LT=1 0.1133 0.0222 0.2261 0.1744 -0.1680 0.3293 -0.2867 -0.3514 0.2874 0.1947 0.1947 0.1658 0.1879 LT=1 50.15 26.36 100.00 38.656 100.00 38.656 76.48 93.62	0.1463 LT=2 0.0270 -0.0693 0.1485 0.0069 0.0084 -0.4765 -0.1778 0.1631 0.0899 0.1216 LT=2 34.65 32.87 20.94 100.00 169.98 17.97 108.31	UT=3 0.1288 -0.0221 -0.0967 -0.1296 -0.0967 -0.1125 -0.0777 -0.6563 -0.0415 -0.2582 -0.0226 UT=3 -0.798 -0.	-0.0632 0.0897 LT=4 -0.0549 -0.2762 -0.0240 -0.2992 -0.2992 -0.0542 -0.0548 -0.0815 -0.0326 LT=4 34.74 58.77 45.09 42.72 62.00 67.94 10.0632	0.0739 -0.1139 -0.1000 -0.0602 -0.1329 -0.2961 -0.2959 -0.2899 -0.0661 -0.1109 -0.6490 -0.0097 -0.0747 -0.1415 -0.1250 -0.1250 -0.1000 -0.0097 -0.0147 -0.1415 -0.1450 -0.0097	-0.1346 -0.0186 -0.0119 -0.0443 -0.1699 -0.0424 -0.2331 -0.0420 -0.1449 -0.2331 -0.2378 -0.3298 -0.420 -0.0437
BS-act-75 Jan Feb Mar Apr May Jul Jul Aug Sep Oct Nov Dec BS-AT-25 Jan Feb Mar Apr May Jul Apr Apr May Jul Apr Apr May Jul Apr Apr May Jul Apr Apr Apr May Jul Apr	0.1310 LT=1 0.1330 0.1320 0.0890 0.0386 0.0996 0.1120 0.0966 0.1530 0.1530 0.1530 0.1540 LT=1 12.87 29.72 50.66 54.37 33.20 40.92 54.67	0.1810 0.1400 LT=2 0.1440 0.1086 0.0912 0.0499 0.0433 0.1180 0.07222 0.0363 0.1950 0.1720 0.1900 0.1300 LT=2 41.27 42.58 40.88 43.71 62.72 31.14 63.31 59.18	0.1830 LT=3 0.1150 0.1390 0.1030 0.0670 0.0890 0.0791 0.0656 0.2080 0.1350 0.1740 0.1730 LT=3 25.55 46.37 66.73 37.555 56.67 40.69 55.26 75.41	UT=4 0.1420 0.1730 0.0912 0.1280 0.0529 0.1000 0.0758 0.1000 0.0758 0.1990 0.1800 0.1990 UT=4 33.355 44.38 76.34 75.57 49.19 77.37 71.83 67.46	0.1630 0.1760 0.1760 0.1370 0.0901 0.0863 0.0614 0.1320 0.0609 0.1290 0.1290 0.1290 0.1610 LT=5 71.63 44.67 62.87 44.721 54.92 50.44 71.60 82.94 64.53	UT=6 0.1700 0.1650 0.1270 0.0764 0.0922 0.0932 0.0826 0.1470 0.2540 0.1470 0.2150 UT=6 55.23 54.27 54.40 72.16 58.26 49.30 59.47 82.86	BSS-act-75 Jan Feb Mar Apr Jun Jul Aug Sep Oct Nov Dec BS-A/T-75 Jan Feb Mar Apr Jun Jun Jun Aug	0.1088 LT=1 0.1133 0.0222 0.2261 0.1744 0.1658 0.3293 -0.2867 0.3514 0.2874 0.1658 0.1879 LT=1 50.15 26.36 38.65 78.48 93.62 100.00 54.30 56.30 56.30	0.1463 LT=2 0.0270 -0.0693 0.1485 0.0099 0.0084 -0.4765 -0.1631 0.0899 0.0952 0.1216 LT=2 34.655 32.87 20.94 100.00 169.98 17.97 108.31 80.97	UT=3 0.1288 -0.0221 0.1298 -0.0221 0.1298 0.2796 -0.1125 -0.0777 -0.1125 -0.0777 -0.6563 0.0415 0.2582 0.1792 0.0226 UT=3 50.78 32.37 29.13 57.91 78.66 79.55 84.58 109.59	-0.0632 0.0897 LT=4 -0.0549 0.2762 -0.0240 0.1049 0.2992 -0.0542 -0.0543 -0.0588 -0.0815 0.0769 -0.0326 LT=4 34.74 46.09 42.772 62.00 67.94 100.00 41.87	0.0739 -0.1139 -0.10602 -0.0602 -0.2951 -0.2951 -0.0561 -0.2959 -0.0561 -0.1109 -0.6490 -0.00747 -0.1415 -0.1250 -0.0551 -0.0561 -0.00747 -0.1415 -0.1250 -0.00747 -0.1415 -0.1250 -0.00747 -0.1415 -0.1250 -0.00747 -0.1415 -0.1250 -0.00747 -0.1415 -0.1250 -0.00747 -0.1415 -0.1250 -0.00747 -0.1415 -0.1250 -0.00747 -0.1415 -0.1250 -0.12	-0.1346 -0.0186 -0.0119 -0.0443 -0.1699 -0.2724 -0.2331 -0.2378 -0.2378 -0.2398 -0.2304 -0.0437 -0.2378 -0.2398 -0.2304 -0.0437 -0.2398 -0.2304 -0.0437 -0.2318 -0.231
BS-act-75 Lina Feb Mar Apr May Jul Jul Aug Sep Oct Nov Dec BS-AT-25 Lin Feb Mar Apr May Jul An Jul An Aug Sep Oct Nov Dec Oct Oct Nov Dec Oct Oct Nov Dec Oct Oct Oct Oct Aug Sep Oct	0.1310 LT=1 0.1330 0.1320 0.0890 0.0990 0.1120 0.0990 0.1120 0.1530 0.1610 0.1340 LT=1 12.87 29.72 55.37 33.092 40.92 54.67 34.27	0.1810 0.1400 0.1400 0.1080 0.0912 0.1440 0.1080 0.0912 0.0493 0.1180 0.0722 0.0636 0.1950 0.1720 0.1300 0.	0.1830 LT=3 0.1150 0.1390 0.1030 0.0670 0.0567 0.0890 0.1350 0.1740 0.1	0.1420 LT=4 0.1730 0.0912 0.1280 0.0529 0.1000 0.0579 0.1000 0.0758 0.0725 0.1990 0.1800 0.1990 LT=4 33.35 44.38 76.34 75.57 71.83 67.46 29.50	0.1630 0.1760 0.1360 0.1360 0.1360 0.0814 0.1630 0.0803 0.1870 0.1870 0.1610 LT=5 71.63 44.67 42.7 47.21 54.92 50.44 71.60 82.94 64.53	0.1640 LT=6 0.1700 0.1650 0.1270 0.0764 0.0929 0.0826 0.0804 0.2290 0.2540 0.1470 0.2150 LT=6 55.23 54.27 54.40 72.16 58.26 49.30 59.47 82.86 87.18	BSS-act-75 Jan Feb Mar Apr Jun Jul Aug Sep Oct Nov Dec BS-A/T-75 Jan Feb Mar Apr Jun Jun Jun Aug Sep Oct Nov Dec Oct Nov Dec Oct Ava Jun	0.1088 LT=1 0.1133 0.0222 0.2261 0.1744 0.1638 0.3293 0.2867 0.3514 0.1947 0.1658 0.1879 LT=1 50.15 26.36 38.655 100.00 38.655 176.48 93.62 100.00 54.30 32.94	0.1463 LT=2 0.0270 -0.0693 0.1485 0.0069 0.0084 -0.4765 -0.1778 0.1631 0.0899 0.0952 0.1216 LT=2 34.65 32.87 20.94 100.00 169.98 17.97 108.31 80.97 28.67	UT=3 0.1288 0.1288 0.0221 0.0221 0.0967 0.0126 0.0777 0.6563 0.0415 0.2582 0.1792 0.0226 UT=3 50.78 32.37 29.13 57.91 78.666 79.55 84.58 109.599 27.02	-0.0632 0.0897 LT=4 -0.0549 -0.2762 -0.0240 -0.2932 -0.2932 -0.2697 -0.0588 -0.0815 -0.0326 LT=4 34.74 58.77 46.09 42.72 62.00 57.60 67.94 100.00 41.87 26.73 26.73 26.73 27.80 27.	0.0739 -0.1139 -0.1029 -0.1029 -0.1029 -0.2991 -0.2899 -0.0661 -0.1099 -0.047 -0.1415 -0.1250 -0.155 -0.155 -0.150 -0.150 -0.0097 -0.0747 -0.1415 -0.1250 -0.150 -0.097 -0	-0.1346 -0.0186 -0.0119 -0.0443 -0.1689 -0.0272 -0.0231 -0.0420 -0.2331 -0.0427 -0.043

Table 16: Skill scores in the St. Lawrence

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Company Comp	BS-theo-25	LT=1	LT=2	LT=3	I T=4	LT=5	LT=6	BSS-theo-25	LT=1	LT=2	LT=3	LT=4	LT=5	LT=6
Feb														
Mar														
Page														
https://doi.org/10.1726/10.1														
Jun														
Aug				0.1020									-0.1657	
Sep	Jul	0.1060	0.0901	0.1250	0.1360	0.1610	0.2070	Jul	-0.3135	0.2299	0.1071	0.1338	0.0585	-0.1250
Cet			0.1170			0.1700		Aug			-0.4173	-0.2561		
New	Sep							Sep						
Dec 0.0768	Oct													
Schools Company Comp														
Jan	Dec	0.0758	0.1390	0.1240	0.1520	0.1300	0.1300	Dec	0.3466	-0.0221	0.1895	0.0952	0.2073	0.1925
Jan														
Jan	BS-theo-75	LT=1	LT=2	LT=3	LT=4	LT=5	LT=6	BSS-theo-75	LT=1	LT=2	LT=3	LT=4	LT=5	LT=6
Mar		0.0581	0.1200	0.1010	0.1680		0.1320		0.2465	-0.0426	0.2808	-0.1213		0.1170
Apr	Feb		0.1330	0.1900			0.1350	Feb	-0.1102	0.2362	0.0715	0.1271	-0.2615	
May	Mar	0.0799		0.1440	0.2020	0.1650	0.1810	Mar	0.0766	-0.0243	-0.0820	-0.1220	-0.1225	-0.1247
Jun	Apr							Apr						
Jul														
Aug														
Sep														
Oct 0.0744 0.1810 0.1800 0.1750 0.2070 Nov 0.0532 0.1250 0.1550 0.1550 0.1520 0.1550 0.0895 0.0269 Dec 0.0898 0.1960 0.1180 0.1920 0.2360 Dec 0.2625 -0.0888 -0.0955 -0.0289 BS-act-25 LT=1 LT=2 LT=3 LT=4 LT=5 LT=6 Jan -0.0285 0.0280 Dec 0.0285 -0.0298 BS-act-25 LT=1 LT=2 LT=3 LT=4 LT=5 LT=6 Jan -0.02031 -0.1515 -0.1020 -0.2036 -0.0188 -0.0038 -0.02035 -0.0926 -0.0188 -0.0188 -0.0038 -0.02440 -0.0240 0.2440 0.2170 0.2750 0.2800 Mar 0.1460 -0.0203 0.0498 -0.1458 -0.1458 -0.1458 -0.1459 -0.1458 -0.1698 -0.1898 -0.1898 -0.1898 -0.1898 -0.1898 -0.1898 -0.0898 -0.0899 -0.														
Nov 0.0532 0.1560 0.1580 0.1580 0.1590 0.1910 Dec 0.0698 0.1910 Dec 0.0698 0.1960 0.1420 0.1420 0.1920 0.2360 Dec 0.2625 0.0468 0.0796 0.2913 0.0337 0.2007														
Dec 0.0898 0.1960 0.1780 0.1420 0.1920 0.2360 Dec 0.2625 0.0468 0.0796 0.2913 0.0337 0.2007														
BS-act-25														
Jan 0.3850 0.3040 0.2810 0.2720 0.2360 0.2170 0.2780 0.2780 0.2780 0.2780 0.2780 0.2780 0.2780 0.2780 0.2780 0.2780 0.2780 0.2780 0.2780 0.2780 0.2780 0.2880 0.2770 0.2770 0.2780 0.28	DeC	0.0898	0.1960	0.1780	0.1420	0.1920	0.2360	Dec	0.2625	-0.0468	-0.0796	0.2913	0.0337	-0.2007
Jan 0.3850 0.3040 0.2810 0.2720 0.2360 0.2170 0.2780 0.2780 0.2780 0.2780 0.2780 0.2780 0.2780 0.2780 0.2780 0.2780 0.2780 0.2780 0.2780 0.2780 0.2780 0.2880 0.2770 0.2770 0.2780 0.28														
Jan 0.3850 0.3040 0.2810 0.2720 0.2360 0.2170 0.2780 0.2780 0.2780 0.2780 0.2780 0.2780 0.2780 0.2780 0.2780 0.2780 0.2780 0.2780 0.2780 0.2780 0.2780 0.2880 0.2770 0.2770 0.2780 0.28	BS-act-25	LT=1	LT=2	LT=3	LT=4	LT=5	LT=6	BSS-act-25	LT=1	LT=2	LT=3	LT=4	LT=5	LT=6
Mar		0.3850	0.3040	0.2810	0.2720	0.2360	0.2170		-0.2031	-0.1515	-0.1020	-0.2035	-0.0926	-0.0188
Mar 0.2340 0.2410 0.2440 0.2170 0.2250 0.2280 0.2200 0.2450 0.2269 0.2200 0.2450 0.2450 Apr 0.2444 0.0786 -0.1831 0.0491 0.0477 0.0493 0.04180 0.0250 0.0250 0.0497 0.0498 0.0250 0.0497 0.0497 0.0494 0.0414 0.0494 0.0414 0.0442 0.0442 0.0442 0.0442 0.0442 0.0442 0.0442 0.0442 0.0442 0.0444 0.0444 0.0444 0.0444 0.0444 0.0444 0.0444	Feb	0.3370	0.2580	0.2770	0.2710	0.2780	0.2460	Feb	-0.1013	0.0618	-0.0778	-0.1245	-0.1830	-0.1884
May		0.2340	0.2510	0.2440	0.2170	0.2750	0.2800		0.1460	-0.0203	0.0279	0.1033	-0.1044	-0.1667
May 0.2550 0.1820 0.2580 0.2690 0.2110 0.2220 Jun 0.2550 0.1990 0.1710 0.2310 0.2500 0.2220 Jul 0.2720 0.2390 0.1950 0.2180 0.2610 0.2730 U.J Jun -0.1134 0.1180 0.1047 0.2308 0.1970 0.2620 0.2730 U.J 0.0224 0.2300 0.2500 0.0230 0.0260 0.2730 U.J 0.0224 0.2300 0.2500 0.2500 0.2620 0.2730 V.J 0.0223 0.01766 0.1800 0.0255 0.2780 Sep 0.2740 0.1700 0.2410 0.2240 0.22900 0.2200 0.2200 0.2200 0.2250 0.2270 0.2420 0.2270 0.2420 0.2280 0.2720 0.2420 0.2500 0.2440 0.2500 0.2470 0.2480 0.2500 0.2470 0.2480 0.2500 0.2440 0.2500 0.2470 0.2480 0.0472 0.2450 0.0484	Apr							Apr						
Jul	May							May						
Aug 0.2050 0.2470 0.2360 0.1730 0.1970 0.2620 Sep 0.2740 1.0700 0.24410 0.2340 0.2090 0.2000 Oct 0.2590 0.2350 0.1850 0.1920 0.2130 0.2030 0.2470 0.2400 0.2280 0.2530 0.2470 0.2400 0.2280 0.2720 0.2420 0.2280 0.0054 0.0634 0.0660 0.0331 BS-act-75 LT=1 LT=2 LT=3 LT=4 LT=5 LT=6 LT=6 Jan 0.1790 0.2500 0.2480 0.2280 0.2270 0.2480 0.2330 0.2470 0.0813 0.1790 0.2500 0.0920 0.0728 0.0756 0.0821 0.0821 0.0823 0.0922 0.0100 0.00281 0.0500 0.0270 0.0820 0.2200 0.2200 0.2200 0.2200 0.2200 0.2300 0.2200 0.2200 0.2300 0.2400 0.1800 0.2440 0.2500 Mar 0.1570 0.1680 <														
Sep 0.2740 0.1700 0.2410 0.2340 0.2000 0.2000 0.2000 0.2500 0.2470 0.2400 0.2280 0.2720 0.2420 0.2420 0.2500 0.2500 0.2720 0.2420 0.2500 0.25														
Cct 0.2590 0.2850 0.1850 0.1920 0.2120 0.2030 Oct -0.0177 0.1990 0.0634 0.0600 0.0333 0.0000 0.0333 0.0000 0.0333 0.0000														
Nov 0.2330 0.2470 0.2400 0.2280 0.2720 0.2420														
Dec 0.2850 0.2390 0.2720 0.2460 0.2180 0.2480 0.2480 Dec -0.3318 0.0245 -0.1982 -0.1442 0.0000 -0.0736														
BS-act-75 LT=1 LT=2 LT=3 LT=4 LT=5 LT=6 Jan 0.1790 0.2960 0.2460 0.2460 0.2400 0.2470 Jan 0.02694 0.1084 0.1246 0.0849 -0.0222 0.2500 0.2500 0.2500 0.2500 0.2470 Jan 0.02694 0.1084 0.1246 0.0849 -0.0222 0.2686 0.2470 Jan 0.02694 0.0157 0.0189 0.1353 -0.2165 -0.3684 -0.1875 Jan 0.02694 0.0157 0.0189 0.1353 -0.2165 -0.3684 -0.1875 Jan 0.02590 0.01610 0.0210 0.2210 0.2500 Mar -0.1224 0.1071 0.1980 -0.1106 -0.0728 -0.3736 Jan 0.0843 0.1410 0.2600 0.2140 0.1730 0.2300 Jan 0.1870 0.1580 0.1980 0.2310 0.2140 0.2500 Jan 0.1870 0.3551 0.2330 0.0435 -0.1833 0.0170 -0.1386 Jan 0.1870 0.1580 0.1980 0.2310 0.2140 0.2500 Jan -0.3551 0.2330 0.0435 -0.1080 -0.0047 0.2755 Jan 0.1810 0.2310 0.2010 0.1850 0.2790 0.2490 Jan -0.3407 0.4808 -0.1292 0.0657 0.2857 -0.1318 Jan 0.1370 0.2150 0.1910 0.2450 0.2450 Jan -0.3407 0.4808 -0.1292 0.0657 0.2857 0.2857 0.2450 Jan -0.3407 0.4808 -0.1292 0.0657 0.2857 0.0380 Jan -0.0379 0.1559 0.0950 -0.1111 0.0330 0.0383 Sep 0.1340 0.2450 0.2820 0.2600 0.2180 0.2160 0.2450 Sep 0.2071 0.1805 0.0886 -0.1660 0.0526 0.0480 O.1520 0.1530 0.1750 0.1970 0.1800 0.2180 0.2010 O.2100 O.2010 O														
Jan 0.1790 0.2860 0.2860 0.2300 0.2300 0.2300 0.2300 0.2300 0.2300 0.2300 0.2300 0.2300 0.2300 0.2300 0.2300 0.2300 0.2300 0.2300 0.2300 0.2300 0.2300 0.2200 0.2200 0.2200 0.2600 0.2470 Mar 0.1650 0.1500 0.1520 0.2210 0.2500 0.1740 Mar 0.1050 0.1500 0.1570 0.1380 0.1570 0.1380 0.1570 0.1380 0.1570 0.1380 0.1570 0.1580 0.1570 0.1380 0.1500 0.1410 0.2800 0.2140 0.1730 0.2300 May 0.1816 0.1076 0.4430 0.1380 0.0170 0.1580 0.1580 0.2310 0.2310 0.2450 May 0.1816 0.1076 0.4430 0.1380 0.0445 0.1020 0.0445 0.1020 0.0445 0.1020 0.0445 0.0445 0.0445 0.0445 0.0445 0.0445 0.0445 0.0445 <	Dec	0.2850	0.2390	0.2720	0.2460	0.2180	0.2480	Dec	-0.3318	0.0245	-0.1982	-0.1442	0.0000	-0.0736
Jan 0.1790 0.2960 0.2460 0.2810 0.2300 0.2200 0.2300 0.2200 0.2600 0.2470 0.5000 0.2000 0.2000 0.2000 0.2000 0.2600 0.2470 0.2600 0.1500 0.2500 0.1500 0.1500 0.2500 0.1500 0.1500 0.2500 0.1500 0.2500 0.1500 0.2500 0.1500 0.2500 0.1500 0.2500 0.1500 0.1500 0.2500 0.1500 0.2500 0.1500 0.2500 0.1500 0.2500 0.1500 0.2500 0.1500 0.2500 0.1500 0.2500 0.1500 0.25														
Feb 0.2500 0.2900 0.3020 0.2810 0.2600 0.2470 Beb 0.0150 0.1562 0.2260 0.2470 Mar 0.1560 0.1502 0.2162 0.2210 0.2560 Mar 0.1017 0.1980 0.1363 0.2165 0.0280 0.1400 0.0810 0.1450 0.1570 0.1380 0.1500 0.1740 0.2600 0.2440 0.2500 0.2440 0.2500 0.2440 0.2500 0.1400 0.2500 0.2440 0.2500 0.1800 0.1810 0.1870 0.1810 0.1810 0.1810 0.1810 0.1810 0.2310 0.2010 0.1240 0.2500 0.1400 0.2500 0.1400 0.2500 0.1810 0.2310 0.2010 0.1810 0.2310 0.2010 0.1820 0.2480 0.1810 0.2330 0.0480 0.1232 0.0480 0.1232 0.0480 0.1232 0.0587 0.1340 0.2490 0.2490 0.2490 0.2490 0.2490 0.2490 0.2490 0.2490 0.2490	BS-act-75	LT=1	LT=2	LT=3	LT=4	LT=5	LT=6	BSS-act-75	LT=1	LT=2	LT=3	LT=4	LT=5	LT=6
Mar	Jan	0.1790	0.2960	0.2460	0.2810	0.2300	0.2200	Jan	0.2694	0.1084	0.1246	-0.0849	-0.0222	0.0135
Apr 0.0810 0.1480 0.1570 0.1380 0.1500 0.1740 Apr 0.2358 0.0350 0.0195 0.0548 0.1525 0.1212 May 0.0843 0.1410 0.2600 0.2140 0.2300 0.1810 0.1810 0.1800 0.2110 0.2120 0.2500 0.1480 0.0310 0.0101 0.1810 0.0480 0.0210 0.1810 0.2310 0.2010 0.1800 0.2790 0.0490 0.1480 0.1370 0.2450 0.2400 0.2490 0.0490 <	Feb	0.2500	0.2900	0.3020	0.2810	0.2600	0.2470	Feb	0.0157	0.0169	-0.1353	-0.2165	-0.3684	-0.1875
May														
Jun														
Jul														
Aug 0.1370 0.2150 0.1910 0.2400 0.1980 0.2450 Aug 0.02400 0.1980 0.2450 0.2450 0.2460 0.2450 0.2460 0.2450 0.2460 0.2450 0.2460 0.2260 0.2450 0.2460 0.2600 0.2480 0.2460 0.2481 0.2482 0.2482 0.2480 0.2480 0.2482 0.2482 0.2482 0.2480 0.2482 0.2482 0.2482 0.2482 0.2482														
Sep 0.1340 0.2420 0.2160 0.2820 0.2600 0.2180 0.2600 0.2180 0.2180 0.2180 0.2180 0.2010 0ct 0.1230 0.1500 0.1750 0.1970 0.1800 0.2180 0.2010 0ct 0.2143 0.0479 0.1839 0.0268 0.1658 0.01440 Nov 0.1320 0.1500 0.1440 0.2190 0.1930 0.1660 0.0230 0.0000 0.0000 0.0563 0.1111 0.3273 0.0683 0.0879 Dec 0.1020 0.1840 0.1720 0.1360 0.1920 0.2300 0.0000 0.0000 -0.0563 0.1111 0.3273 0.0683 0.0042 BS-AT-25 LT=1 LT=2 LT=3 LT=4 LT=5 LT=6 BS-AT-75 LT=1 LT=2 LT=4 LT=5 LT=6 BS-AT-25 LT=1 LT=2 LT=3 LT=4 LT=5 LT=6 BS-AT-75 LT=1 LT=2 LT=3 LT=6 LT=6 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>														
Oct 0.1530 0.1790 0.1970 0.1800 0.2180 0.2010 Oct -0.2143 0.0479 0.1939 -0.0286 0.1658 0.1040 Nov 0.1520 0.1500 0.1440 0.2190 0.1920 0.2300 Nov 0.0000 0.0563 0.1111 -0.0233 0.0160 -0.0424 0.3131 0.0000 -0.0563 0.0119 0.0683 0.0879 0.0293 0.0160 -0.0424 0.3131 0.0000 -0.0563 0.0119 0.0293 0.0160 -0.0424 0.3131 0.0000 -0.0563 0.0119 0.0293 0.0160 -0.0424 0.3131 0.0000 -0.0563 0.0119 0.0293 0.0160 -0.0424 0.3131 0.0000 -0.0563 0.019 0.0293 0.0160 -0.0424 0.3131 0.0000 -0.0293 0.0160 -0.0424 0.3131 0.0000 -0.0293 0.0160 -0.0424 0.3131 0.0000 -0.0293 0.0160 -0.0424 0.3131 0.0000 -0.0293 0.01														
Nov 0.1320 0.1440 0.2190 0.1330 0.1660 Nov 0.0000 -0.0563 0.1111 -0.3273 0.0663 0.0879 Dec 0.1020 0.1840 0.1720 0.1360 0.1920 0.2300 Dec 0.2093 0.0160 -0.0424 0.3131 0.0000 -0.2105 BS-AT-25 LT=1 LT=2 LT=3 LT=4 LT=5 LT=6 LT=6 LT=6 LT=5 LT=6 BS-AT-73 BS-AT-75 LT=1 LT=2 LT=4 LT=5 LT=6 LT=6 BS-AT-75 LT=1 LT=2 LT=4 LT=5 LT=6 BS-AT-723 Jan 32.46 40.64 41.06 59.79 53.91 60.00 75.81 60.00 48.66 62.91 59.79 53.91 60.00 75.81 60.00 45.66 62.91 59.79 53.91 60.00 75.81 60.00 45.66 62.91 59.79 53.91 60.00 75.81 88.89 91.40 74.66 72.40														
Dec 0.1020 0.1840 0.1720 0.1360 0.1920 0.2300 Dec 0.2093 0.0160 0.0424 0.3131 0.0000 0.2105														
BS-AT-25 LT=1 LT=2 LT=3 LT=4 LT=5 LT=6 Jan 4.86 21.48 46.62 42.28 83.90 73.73 Feb 6.08 13.91 31.99 51.29 55.04 77.24 Mar 18.59 16.25 34.10 45.16 52.00 73.21 Apr 36.08 54.66 62.55 66.22 61.86 84.49 May 27.53 94.51 67.46 63.94 75.83 63.72 Jun 30.34 61.81 59.65 64.50 78.80 90.54 Jul 38.97 37.70 64.10 62.39 61.89 75.82 Aug 66.34 47.37 83.47 119.08 86.29 87.40 Aug 66.34 47.37 83.47 119.08 86.29 87.40 Cet 63.71 68.09 108.11 76.56 81.13 86.70 Nov 15.62 48.80 13.33 108.33 108.33 108.33 108.38 10.00 80.28 102.99 Nov 15.62 48.80 13.33 58.77 70.22 48.76 Nov 40.00 88.89 10.37 11.00 80.28 102.99 Nov 15.62 48.80 13.33 58.77 70.22 48.76 Nov 40.00 88.33 108.33 108.33 108.33 108.33 108.33 108.31 11.510														
Jan 4.86 21.48 46.62 42.28 83.90 73.73 Jan 32.46 40.64 41.06 59.79 53.91 60.00 Feb 6.08 18.91 13.99 51.29 55.04 77.24 Feb 46.00 45.66 62.91 59.79 53.91 60.00 Mar 18.59 16.25 34.10 45.16 52.00 73.21 Mar 48.42 83.33 88.88 91.40 74.66 72.40 May 27.53 94.51 67.46 63.94 75.83 63.72 May 92.76 112.77 85.77 80.84 100.00 94.35 Jul 30.34 61.81 59.65 64.50 78.80 90.54 Jun 77.01 73.42 72.22 87.01 82.24 90.40 Jul 36.34 47.37 83.47 119.08 86.29 87.40 Aug 77.37 93.95 96.66 77.50 81.54 70.20	Dec	0.1020	0.1840	0.1720	0.1300	0.1920	0.2300	Dec	0.2093	0.0100	-0.0424	0.3131	0.0000	*0.2105
Jan 4.86 21.48 46.62 42.28 83.90 73.73 Jan 32.46 40.64 41.06 59.79 53.91 60.00 Feb 6.08 18.91 13.99 51.29 55.04 77.24 Feb 46.00 45.66 62.91 59.79 53.91 60.00 Mar 18.59 16.25 34.10 45.16 52.00 73.21 Mar 48.42 83.33 88.88 91.40 74.66 72.40 May 27.53 94.51 67.46 63.94 75.83 63.72 May 92.76 112.77 85.77 80.84 100.00 94.35 Jul 30.34 61.81 59.65 64.50 78.80 90.54 Jun 77.01 73.42 72.22 87.01 82.24 90.40 Jul 36.34 47.37 83.47 119.08 86.29 87.40 Aug 77.37 93.95 96.66 77.50 81.54 70.20														
Feb	BS-A/T-25	LT=1	LT=2	LT=3	LT=4	LT=5	LT=6	BS-A/T-75	LT=1	LT=2	LT=3	LT=4	LT=5	LT=6
Mar 18.59 16.25 34.10 45.16 52.00 73.21 Mar 48.42 83.33 88.88 91.40 74.66 72.40 Apr 55.06 67.36 84.08 95.00 71.26 Apr 55.06 67.36 84.08 91.40 74.66 72.40 May 27.53 94.51 67.46 63.94 75.83 63.72 May 92.76 112.77 85.77 80.84 100.00 94.35 Jul 30.34 61.81 59.65 64.50 78.80 90.54 Jun 77.01 73.22 87.01 82.24 90.40 Jul 30.34 61.81 59.65 64.50 78.80 90.54 Jun 77.01 73.22 87.01 82.24 90.40 Aug 66.34 47.37 83.47 119.08 86.29 87.40 Aug 77.37 93.95 96.66 77.50 81.54 70.20 Sep 43.80 148.24 <td< td=""><td>Jan</td><td></td><td></td><td></td><td></td><td></td><td></td><td>Jan</td><td></td><td></td><td></td><td></td><td></td><td></td></td<>	Jan							Jan						
Apr 38.08 54.66 62.25 61.86 84.49 Apr 55.06 67.36 84.08 81.88 96.00 71.26 May 27.53 94.51 67.46 63.94 75.83 63.72 May 92.76 112.77 85.77 80.84 100.00 94.35 Jun 30.34 61.81 59.65 64.50 78.80 90.54 Jun 77.01 73.42 72.22 87.01 82.24 90.40 Jul 38.97 37.70 64.10 62.39 61.69 75.82 Jul 90.06 66.23 63.68 83.78 71.68 73.49 Aug 66.34 47.37 83.47 119.66 112.92 107.50 Sep 108.96 82.23 100.00 67.73 93.08 83.49 Oct 63.71 68.09 108.11 76.56 81.13 86.70 Oct 48.63 103.43 81.73 100.00 67.73 93.08 83.49														
May 27.53 94.51 67.46 63.94 75.83 63.72 May 92.76 112.77 85.77 80.84 100.00 94.35 Jun 30.34 61.81 59.65 64.50 78.80 90.54 Jun 77.01 73.42 72.22 87.01 82.24 90.40 Jul 38.97 37.70 64.10 62.39 61.69 75.82 Jul 90.06 66.23 63.68 83.78 71.68 73.49 Aug 66.34 47.37 83.47 119.08 86.29 87.40 Aug 77.37 93.95 96.86 77.50 81.54 70.20 Sep 43.80 148.24 103.73 119.66 119.29 107.50 Sep 108.98 82.23 100.00 67.73 93.08 34.98 Oct 63.71 68.09 108.11 76.56 81.13 86.70 Oct 48.63 103.43 81.73 100.00 80.28 102.99														
Jun 30.34 61.81 59.65 64.50 78.80 90.54 Jun 77.01 73.42 72.22 87.01 82.24 90.40 Jul 38.97 37.70 64.10 62.39 61.69 75.62 Jul 90.06 66.23 63.68 83.78 71.68 73.49 Aug 66.34 47.37 83.47 119.08 86.29 87.40 Aug 77.37 93.95 96.86 77.50 75.91 85.91 77.50 75.92 95.92 96.82 23 100.00 67.73 93.08 83.49 Oct 63.71 68.09 108.11 76.56 81.13 86.70 86.70 86.70 86.70 82.92 108.61 103.43 10														
Jul 38,97 37,70 64,10 62,39 61,69 75,82 Jul 90,06 66,23 63,88 83,78 71,68 73,49 Aug 66,34 47,37 83,47 119,08 86,29 87,40 Aug 77,37 93,95 96,86 77,50 81,54 70,20 Sep 43,80 148,24 103,73 119,66 112,92 107,50 Sep 108,96 82,23 100,00 67,73 93,08 83,49 Oct 63,71 68,09 108,11 76,56 81,13 86,70 Oct 48,63 103,43 81,73 100,00 80,28 102,99 Nov 15,62 49,80 53,33 58,77 70,22 48,76 Nov 40,30 83,33 108,33 86,30 103,11 115,06														
Aug 66.34 47.37 83.47 119.08 86.29 87.40 Aug 77.37 93.95 96.86 77.50 81.54 70.20 Sep 43.80 148.24 103.73 119.66 112.92 107.50 Sep 108.96 82.23 100.00 67.73 93.98 83.49 Oct 63.71 68.09 108.11 76.56 81.13 86.70 Oct 48.63 103.43 81.73 100.00 80.28 102.99 Nov 40.30 83.33 108.33 108.33 86.30 103.11 115.06														
Sep 43.80 148.24 103.73 119.66 112.92 107.50 Sep 108.96 82.23 100.00 67.73 93.08 83.49 Oct 63.71 68.09 108.11 76.56 81.13 86.70 Oct 48.63 103.43 81.73 100.00 80.28 102.99 Nov 15.62 49.80 53.33 58.77 70.22 48.76 Nov 40.30 83.33 108.33 86.30 103.11 115.06														
Oct 63.71 68.09 108.11 76.56 81.13 86.70 Oct 48.63 103.43 81.73 100.00 80.28 102.99 Nov 15.62 49.80 53.33 58.77 70.22 48.76 Nov 40.30 83.33 108.33 86.30 103.11 115.06														
Nov 15.62 49.80 53.33 58.77 70.22 48.76 Nov 40.30 83.33 108.33 86.30 103.11 115.06														
Pec 1 201001 20101 40.031 01.141 09.001 02.421 Pec 1 00.041 100.02 103.49 104.41 100.00 102.61														
	Dec	20.60	36.16	45.59	01./9	59.63	52.42	Dec	00.04	100.52	103.49	104.41	100.00	102.61

Table 17: Skill scores in the Mississippi

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DC than OF	h T 4	l T o	li Tio	li Tiid	li T. c	LT C	DCC #La : OF	17.4	IT 0	LT 2	LT 4	li T. c	I.T.C
BS-theo-25 Jan	LT=1 0.0683	LT=2 0.1330	LT=3 0.1580	LT=4 0.1530	LT=5 0.1480	LT=6 0.1720	BSS-theo-25 Jan	LT=1 0.3791	LT=2 -0.0556	LT=3 -0.3621	LT=4 -0.1679	LT=5 -0.1563	LT=6 -0.3231
Jan Feb	0.0683	0.1330	0.1580	0.1530	0.1480	0.1720	Jan Feb	0.3791	0.0284	-0.3621	-0.1553	-0.1563	-0.3231
Mar	0.0824	0.1370		0.1860		0.1500	Mar	0.2226	0.0264	0.2133	0.1087	-0.1447	-0.1572
Apr	0.0529	0.1400	0.1160	0.1230	0.1560	0.1500	Apr	0.3906	-0.3800	-0.1279	0.1067	-0.1049	-0.0274
May	0.0529	0.2070	0.1940	0.1470	0.2020	0.1450	May	0.3350	-0.3800	-0.1279	-0.0329	0.0053	-0.0264
Jun	0.0931	0.2300	0.2060	0.1690	0.1670	0.1950	Jun	0.3604	0.0591	0.0096	-0.0272	-0.0561	-0.0104
Jul	0.0821	0.1910		0.2690	0.2010	0.2480	Jul	0.3004	0.0591	0.0635	-0.2308	0.0000	-0.0983
Aua	0.0289	0.1470	0.1770	0.1280	0.1930	0.1800	Aug	0.1931	0.1303	-0.0638	0.2644	-0.0782	0.0374
Sep	0.0521	0.0898	0.1300	0.1520	0.1610	0.1710	Sep	0.2058	0.0365	0.2108	0.2044	0.1006	0.0374
Oct	0.0321	0.0898	0.1310	0.1320	0.1580	0.1710	Oct	0.5069	0.3143	0.2100	0.2604	0.1000	0.0504
Nov	0.0322	0.1140	0.0013	0.1020	0.1730	0.1630	Nov	0.1686	-0.0556	0.3057	0.3333	-0.0812	0.0355
Dec	0.0873	0.1330	0.1510	0.1360	0.1350	0.1340	Dec	0.0385	0.0634	0.0382	0.1807	0.2241	0.2872
	-						,						
BS-theo-75	LT=1	LT=2	LT=3	LT=4	LT=5	LT=6	BSS-theo-75	LT=1	LT=2	LT=3	LT=4	LT=5	LT=6
Jan	0.1310	0.1910	0.2170	0.2560	0.2640	0.2720	Jan	0.1208	0.0683	-0.0333	-0.1907	-0.2512	-0.3333
Feb	0.0969	0.1820	0.1800	0.1790	0.1420	0.1980	Feb	0.1191	-0.0581	0.0674	0.0725	0.2604	-0.0313
Mar	0.1180	0.1920	0.1710	0.1900	0.1760	0.1980	Mar	0.1511	-0.0667	0.1231	0.0404	0.0928	0.0149
Apr	0.1340	0.1610	0.1420	0.1810	0.1670	0.1660	Apr	-0.5691	0.0852	0.1932	-0.0056	0.1480	0.1354
May	0.0485	0.1660	0.2060	0.2320	0.2010	0.2570	May	0.5198	0.1616	-0.0404	-0.1485	-0.0308	-0.2786
Jun	0.1360	0.1770	0.2240	0.2270	0.2350	0.2280	Jun	-0.3333	-0.0473	-0.0980	-0.0861	-0.1353	-0.1400
Jul	0.0931	0.1450	0.1640	0.1680	0.2010		Jul -	-0.0751	-0.0902	-0.0380	0.1472	-0.0579	
Aug	0.0105	0.0862	0.1280	0.1240	0.1340	0.1990	Aug	0.5977	0.3930	0.0725	0.1842	0.2910	-0.0311
Sep	0.0413	0.0945		0.0821	0.1010		Sep	0.5130	-0.0407	0.1353	0.3158	0.2463	0.2235
Oct	0.0488	0.1120	0.1570	0.2140	0.2070	0.2050	Oct	0.4948	0.2911	0.0925	-0.0918	-0.1374 -0.0235	-0.0963
Nov	0.0548 0.1710	0.0931	0.1380 0.1990	0.1300	0.1740 0.2670	0.1010	Nov	0.1397 -0.1250	0.4358 -0.1295	0.1534	0.2614 -0.0452	-0.0235	0.3804 -0.1505
Dec	0.1710	0.2180	0.1990	0.2310	0.2070	0.2370	Dec	-0.1250	-0.1295	0.0701	-0.0452	-0.2361	-0.1505
BS-act-25	LT=1	LT=2	LT=3	LT=4	LT=5	LT=6	BSS-act-25	LT=1	LT=2	LT=3	LT=4	LT=5	LT=6
Jan	0.6740	0.6530	0.6280	0.5730	0.6060	0.6040	Jan	0.0729	-0.0722	-0.0572	-0.0035	-0.0236	-0.0523
Feb	0.6410	0.6220	0.6180	0.6130	0.6580	0.5660	Feb	-0.0423	-0.0780	-0.0249	-0.0166	-0.1040	0.0358
Mar	0.7490	0.5880	0.5850	0.5750	0.6220	0.5830	Mar	-0.1031	0.0652	0.0051	0.0103	-0.1068	-0.0697
Apr	0.7130	0.6190	0.6300	0.5900	0.5940	0.5870	Apr	-0.0439	-0.0351	-0.0518	0.0000	0.0034	0.0034
May	0.6510	0.6240	0.6350	0.5840	0.5870	0.6340	May	0.0327	-0.0487	-0.0781	-0.0069	-0.0389	-0.1590
Jun	0.7280	0.5790	0.5330	0.6260	0.6020	0.6530	Jun	-0.0722	0.0810	0.0550	-0.1041	-0.0543	-0.2274
Jul	0.7000	0.6200	0.5770	0.5480	0.6010	0.6870	Jul	-0.0703	-0.0197	0.0303	0.0036	-0.1028	-0.2817
Aug	0.6470	0.6220	0.6110	0.5760	0.6050	0.6890	Aug	0.0137	-0.0578	-0.0719 -0.1111	0.0287	-0.0558	-0.2831
Sep Oct	0.7790	0.6290	0.6400	0.6070	0.5670 0.6130	0.5590 0.6170	Sep Oct	-0.1966 -0.0633	-0.0501 -0.0969	-0.1111	-0.0520 -0.1289	0.0374 -0.0698	0.0261
Nov	0.7690	0.6710	0.6610	0.5220	0.6130	0.5170	Nov	-0.0633	-0.1000	-0.1000	-0.1269	-0.0585	-0.0768
Dec	0.7660	0.6600	0.6180	0.5990	0.5790	0.5590	Dec	-0.1461	-0.1149	-0.1203	-0.0509	-0.0565	0.0000
_ 00	0.7000	0.0000	0.0100	0.0130	0.0000	0.0000	200	0.0036	J. 11 1 3	0.0740	0.0000	0.0073	. 0.0000
BS-act-75	I T=1	I T=2	LT=3	LT=4	I T=5	LT=6	BSS-act-75	LT=1	LT=2	I T=3	LT=4	LT=5	I T=6
Jan	0.6890	0.6580	0.5340	0.6100	0.5810	0.6010	Jan	-0.0600	-0.1729	0.0549	-0.1031	-0.0525	-0.1007
Feb	0.7020	0.5880	0.6160	0.5710	0.5900	0.5330	Feb	-0.0541	0.0167	-0.0903	-0.1031	-0.0323	-0.0038
Mar	0.7300	0.6060	0.6010	0.5500	0.5490	0.5650	Mar	-0.3082	-0.0341	0.0653	0.0143	0.0000	-0.0386
Apr	0.7890	0.5790		0.5630	0.5340	0.5640	Apr	-0.2977	-0.0017	-0.0760	0.0770		-0.0387
May	0.7270	0.6450	0.5940	0.6180	0.5520	0.5550	May	-0.2097	-0.1857	-0.0259	-0.0528	0.0195	0.0704
Jun	0.7420	0.6680	0.5630	0.5720		0.5370	Jun	-0.1346	-0.2101	0.0035	0.0272	-0.0120	
Jul	0.6990	0.6360	0.6480	0.5620	0.6010	0.5430	Jul	-0.0704	-0.0325	-0.1250	-0.0108	-0.0562	0.0638
Aug	0.7010	0.6620		0.6570			Aug	-0.0370	-0.0541	-0.1002	-0.1005	-0.0555	-0.0179
Sep	0.7140	0.6100	0.6840	0.6340	0.6650	0.6120	Sep	-0.1591	0.0033	-0.0979	-0.0428	-0.1139	-0.0373
Oct	0.6790	0.6390	0.6540	0.6440	0.6370	0.6530	Oct	-0.0104	-0.0615	-0.0864	-0.0842	-0.0983	-0.1873
Nov	0.6850	0.6390	0.6110	0.6090	0.6100	0.6400	Nov	-0.1230	-0.0424	-0.0286	-0.0235	-0.0445	-0.0959
Dec	0.7110	0.6180	0.6300	0.5950	0.5940	0.5640	Dec	-0.1694	-0.0880	-0.1190	-0.0420	-0.0224	0.0521
BS-A/T-25	LT=1	LT=2	LT=3	LT=4		LT=6	BS-A/T-75	LT=1	LT=2	LT=3	LT=4	LT=5	LT=6
Jan	10.13	20.37		26.70		28.48	Jan	19.01	29.03	40.64	41.97	45.44	45.26
Feb	9.47	22.03	27.02	30.34	27.66	32.51	Feb	13.80	30.95	29.22	31.35	24.07	37.15
Mar	11.00	23.81	20.17	21.39		25.73	Mar	16.16	31.68	28.45	34.55	32.06	35.04
Apr	7.42	33.44	30.79	24.92	34.01	24.70	Apr	16.98	27.81	23.32	32.15	31.27	29.43
May Jun	14.30 9.31	36.86 32.99	34.17 38.65	32.36 40.89	31.86 34.39	30.76 34.15	May Jun	6.67 18.33	25.74 26.50	34.68 39.79	37.54 39.69	36.41 39.90	46.31 42.46
Jun Jul	9.31	32.99 23.71	38.65	40.89	34.39	34.15 36.10	Jun Jul	18.33	26.50	39.79 25.31	39.69 29.89	39.90	42.46 34.81
Aug	11./3	19.13	24.55	49.09 22.22	33.44	26.12	Aug	13.32	13.02	18.50	29.89 18.87	23.44	34.81
Sep	6.69	19.13	24.55	25.04	28.40	30.59	Sep	5.78	15.49	16.81	18.87	15.19	22.71
Oct	4.57	12.04	12.84	20.10	25.77	22.37	Oct	7.19	17.53	24.01	33.23	32.50	31.39
Nov	9.43	16.99	14.70	17.03	29.88	27.77	Nov	8.00	14.57	22.59	21.35	28.52	15.78
Dec	11.40	20.15	24.43	22.11	22.88	23.97	Dec	24.05	35.28	31.59	38.82	44.95	42.02
							-						

Table 18: Skill scores in the Murray

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BS-theo-25	LT=1	LT=2	LT=3	LT=4	LT=5	LT=6	BSS-theo-25	LT=1	LT=2	LT=3	LT=4	LT=5	LT=6
Jan	0.1350	0,1750	0.1920	0.1610	0.2070	0.2080	Jan	-0.7419	-0.4344	-0.2152	0.0747	-0.0952	-0.0612
Feb	0.1410	0.1300	0.1170	0.1010	0.1630	0.1470	Feb	-0.4491	0.2073	0.3237	-0.1648	0.1189	0.2423
Mar	0.0758	0.1870	0.1890	0.1840	0.2290	0.2200	Mar	-0.0813	-0.1131	0.0597	0.0754	-0.1744	-0.1765
Apr	0.0777	0.1240	0.1580	0.1990	0.1740	0.1780	Apr	0.1170	-0.0420	-0.1367	-0.1637	-0.0807	-0.1410
May	0.0642	0.0755	0.0835	0.1390	0.1820	0.1740	May	-0.0078	0.1251	0.1650	-0.1681	-0.0643	0.0169
Jun	0.0727	0.0468	0.0741	0.0777	0.1260	0.1710	Jun	-0.0491	-0.0935	0.0738	0.1150	-0.1351	-0.0755
Jul	0.0636	0.0468	0.0325	0.0309	0.0584	0.1100	Jul	-1.8649	-0.4579	-0.4509	0.2463	-0.0523	-0.2009
Aug	0.0091	0.0435	0.0526	0.0366	0.0262	0.0730	Aug	0.6305	-0.4846	-0.9627	-1.5068	0.3515	-0.3201
Sep	0.0405	0.0639	0.0694	0.0689	0.0747	0.0829	Sep	-0.4311	0.0289	-0.0420	0.0826	-0.0905	-0.2281
Oct	0.0449	0.0730	0.1360	0.0851	0.1030	0.1130	Oct	0.3288	0.2091	-0.3204	0.2600	0.1488	-0.0180
Nov	0.1160	0.1480	0.1830	0.1780	0.1730	0.1710	Nov	-0.2554	-0.0068	-0.1091	-0.0595	-0.0176	0.0229
Dec	0.0741	0.1120	0.2220	0.2250	0.2310	0.1780	Dec	0.4344	0.2583	-0.3962	-0.3804	-0.3750	-0.0533
BS-theo-75	LT=1	LT=2	LT=3	LT=4	LT=5	LT=6	BSS-theo-75	LT=1	LT=2	LT=3	LT=4	LT=5	LT=6
Jan	0.1390	0.1930	0.1930	0.2280	0.2300	0.2060	Jan	0.0671	-0.1221	-0.0663	-0.0317	-0.0748	-0.0049
Feb	0.1280	0.1890	0.2090	0.1880	0.2280	0.2410	Feb	0.0448	-0.0161	-0.0773	0.0600	-0.1400	-0.2172
Mar	0.0961	0.1410	0.1420	0.1800	0.2090	0.1990	Mar	-0.0031	0.0140	0.2487	0.1000	-0.0773	-0.0311
Apr	0.0298	0.1440	0.1910	0.1990	0.2190	0.2030	Apr	0.1791	-0.2414	-0.0106	-0.0258	-0.1231	-0.0150
May	0.0248	0.0815	0.1230	0.1710	0.1960	0.1940	May	-1.9880	0.1519	-0.0424	0.1094	-0.0370	0.0490
Jun	0.0482	0.0441	0.0562	0.0829	0.1360	0.1830	Jun	-7.2253	-0.2857	0.2248	0.1471	0.1338	-0.0055
Jul	0.0537	0.0369	0.0485	0.0601	0.0994	0.1420	Jul	-0.3392	-0.5061	0.1019	0.3396	0.2412	0.1598
Aug	0.0295	0.0534	0.0339	0.0529	0.0570	0.0981	Aug	0.1424	-0.2654	0.0960	0.2277	0.4673	0.2891
Sep	0.0752	0.0989	0.1090	0.0826	0.1120	0.0898	Sep	-0.2071	-0.0334	-0.0187	0.1902	0.0894	0.3145
Oct	0.0449	0.1110	0.1040	0.1390	0.1310	0.1460	Oct	0.2554	0.0000	0.2121	-0.0611	0.0775	0.0068
Nov	0.0766	0.1150	0.1740	0.1510	0.2010	0.1470	Nov	0.0065	0.1353	-0.1226	-0.0134	-0.2722	0.0392
Dec	0.0906	0.1150	0.1210	0.1800	0.1770	0.2050	Dec	-0.1828	0.0873	0.1933	-0.0112	-0.0351	-0.1988
BS-act-25	LT=1	LT=2	LT=3	LT=4	LT=5	LT=6	BSS-act-25	LT=1	LT=2	LT=3	LT=4	LT=5	LT=6
Jan	0.1950	0,1880	0.1920	0.1540	0.1570	0.1390	Jan	-0.1471	-0.4574	-0.3427	-0.2833	-0.1056	0.0795
Feb	0.1930	0.1780	0.1920	0.1340	0.1370	0.1390	Feb	-0.1471	0.0481	0.0149	-0.2655	-0.1765	-0.0714
Mar	0.2030	0.1620	0.1990	0.2120	0.1980	0.1950	Mar	-0.5263	-0.1329	0.1600	0.1459	-0.1763	-0.0714
Apr	0.1560	0.1420	0.1110	0.1570	0.1520	0.1690	Apr	-0.1818	-0.1008	0.1190	-0.0064	0.0732	-0.0333
May	0.0763	0.0391	0.0410	0.1200	0.1320	0.1480	May	-1.2116	0.1988	0.3212	-0.2793	0.0752	0.0000
Jun	0.0848	0.0711	0.0499	0.0656	0.1200	0.1650	Jun	-0.0928	-0.2387	0.0567	-0.0807	-0.3001	-0.1957
Jul	0.1850	0.1560	0.1290	0.1220	0.1200	0.1470	Jul	-0.4453	-0.1304	-0.1518	-0.0702	0.0916	-0.0068
Aug	0.1850	0.1590	0.1440	0.1520	0.1290	0.1340	Aug	-0.0221	-0.1197	-0.0511	-0.0556	-0.1835	-0.3522
Sep	0.1010	0.1180	0.1180	0.1050	0.1050	0.1130	Sep	-0.1663	-0.0536	-0.1346	-0.0096	-0.0096	-0.1449
Oct	0.1660	0.1700	0.1960	0.1640	0.1690	0.1670	Oct	-0.0921	-0.0692	-0.2327	-0.0380	-0.0497	-0.0774
Nov	0.1830	0.2210	0,2200	0.2390	0.2280	0.2250	Nov	0.0804	-0.2278	-0.1702	-0.2646	-0.2459	-0.1968
Dec	0.2500	0.1670	0.2100	0.2130	0.1820	0.1420	Dec	-0.9084	0.0402	-0.4384	-0.3654	-0.1818	0.1013
50 75	li T d	li T. O	li T. o	T 4	li T. c	I T. O.	200 75	I T 4	I T O	I T O	U.T. 4	I T 6	LT 0
BS-act-75	LT=1	LT=2	LT=3	LT=4	LT=5	LT=6	BSS-act-75	LT=1	LT=2	LT=3	LT=4	LT=5	LT=6
Jan	0.3000	0.2840	0.2650	0.2880	0.1950	0.2030	Jan	-0.0135	-0.0717 -0.0174	-0.1422 -0.2353	-0.4328	-0.0052 -0.2308	0.0146 -0.0638
Feb Mar	0.2940	0.2340	0.2940	0.2480	0.2880	0.2500	Feb Mar	-0.3674 -0.2277	-0.0174	0.0324	-0.0598 -0.0083	-0.2308	-0.0638
	0.2480	0.2600	0.2350	0.2430	0.2590	0.2550		0.0902	-0.1304	-0.0324	-0.0083	-0.0747	-0.0494
Apr Mav	0.3630	0.3130	0.2350	0.2240	0.2420	0.2540	Apr Mav	0.0902	0.0165	-0.0981	-0.1667	-0.2396	-0.2036
Jun	0.4520	0.3900	0.3230	0.2240	0.2300	0.2440	Jun	-0.0184	-0.0428	0.0415	-0.1667	-0.1035	-0.1091
Jul	0.3900	0.3790	0.3790	0.3480	0.3020	0.2210	Jul	-0.0184	-0.0428	-0.1590	-0.2297	-0.1111	-0.1091
Aug	0.3540	0.3790	0.3160	0.3290	0.2900	0.2770	Aug	-0.0430	-0.0033	0.0336	-0.2297	-0.4243	-0.3781
Sep	0.3510	0.3320	0.3480	0.3460	0.3210	0.2930	Sep	-0.0541	-0.0850	-0.2518	-0.2862	-0.3777	-0.3952
Oct	0.3210	0.2960	0.3070	0.2760	0.3040	0.2700	Oct	0.0881	-0.1608	-0.1370	-0.1084	-0.2358	-0.1203
Nov	0.3710	0.3060	0.2610	0.2630	0.2290	0.2530	Nov	-0.1075	-0.1250	-0.1348	-0.0913	0.0172	-0.0720
Dec	0.3570	0.3030	0.2370	0.2100	0.2550	0.1990	Dec	-0.0259	-0.1181	0.0207	0.0625	-0.0625	0.1459
							<u> </u>						
BS-A/T-25	LT=1	LT=2	LT=3	LT=4		LT=6	BS-A/T-75	LT=1	LT=2	LT=3	LT=4	LT=5	LT=6
Jan	69.23	93.09	100.00	104.55	131.85	149.64	Jan	46.33	67.96	72.83	79.17	117.95	101.48
Feb	50.54	73.03	58.79	100.00	74.09	70.00	Feb	43.54	80.77	71.09	75.81	79.17	96.40
Mar	37.34	115.43	128.57	115.72	115.66	112.82	Mar	38.75	54.23	59.41	74.07	80.69	78.04
Apr	49.81	87.32	142.34	126.75	114.47	105.33	Apr	8.21	46.01	81.28	74.81	81.41	76.32
May	84.14	193.09	203.66	115.83	136.84	117.57	May	5.49	22.83	37.73	76.34	80.99	76.38
Jun	85.73	65.82	148.50	118.45	105.00	103.64	Jun	12.42	11.31	17.40	24.60	59.13	75.00
Jul	34.38	30.00	25.19	25.33	49.08	74.83	Jul	13.77	9.74	12.80	17.27	32.91	64.25
Aug	4.91	27.36	36.53	24.08	20.31	54.48	Aug	8.33	16.23	10.73	16.08	19.66	35.42
Sep	40.10	54.15	58.81	65.62	71.14	73.36	Sep	21.42	29.79	31.32	23.87	34.89	30.65
Oct	27.05 63.39	42.94 66.97	69.39 83.18	51.89 74.48	60.95 75.88	67.66 76.00	Oct	13.99 20.65	37.50 37.58	33.88 66.67	50.36 57.41	43.09 87.77	54.07
Nov							Nov						58.10
Dec	29.64	67.07	105.71	105.63	126.92	125.35	Dec	25.38	37.95	51.05	85.71	69.41	103.02

Table 19: Skill scores in the Orange River

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Feb 0.1240 0.1870 0.2050 0.2220 0.2390 0. Mar 0.0493 0.1060 0.2110 0.1940 0.1740 0. Apr 0.1120 0.1340 0.1580 0.2400 0.2120 0. May 0.0000 0.0821 0.1660 0.1560 0.2630 0. Jun 0.0333 0.0138 0.0994 0.1630 0.1760 0. Jul 0.0000 0.0072 0.0168 0.0840 0.1560 0. Aug 0.0044 0.0223 0.0278 0.0322 0.0683 0. Sep 0.0419 0.0179 0.0132 0.0262 0.0242 0. Oct 0.1250 0.1500 0. 0.1390 0.1750 0.1570 0.1570 Nov 0.0956 0.1550 0.2320 0.2080 0.1950 0. Dec 0.1530 0.1830 0.2360 0.2420 0.2180 0.	66 D.2670 BSS-theo-25 Jan LT=1 0.1282 LT=3 0.1667 LT=4 0.1667 LT=4 0.2388 0.2438 0.0837 0.308 0.0837 0.302 0.3756 1,2250 Feb -0.2157 -0.3551 -0.2349 -0.0822 -0.1602 -0.3756 1,2200 Mar -0.4750 0.3072 -0.2197 0.0433 0.1212 -0.0205 1,2256 -0.1261 0.0000 -0.3408 -0.0547 -0.0305 2,2550 May 1.0000 0.2106 -0.1890 -0.0983 -0.2867 -0.0305 1,1690 Jul NA -2.3774 0.2466 0.1845 0.0171 0.0611 1,1400 Aug 0.5840 -0.524 -0.0197 0.0256 0.000 0.3369 0.9364 0.0541 0.0258 1,1690 Oct 0.1701 -0.1814 0.5200 0.1027 0.1626 0.0258 1,1690 Oct 0.1701 -0.1438 0.0974 -0.1513 0.0987 -0.1526 0.0258 1,1
Feb 0.1240 0.1870 0.2050 0.2220 0.2390 0. Mar 0.0493 0.1060 0.2110 0.1940 0.1740 0.1740 0.1740 0.1880 0.2400 0.2120 0. Apr 0.1200 0.02410 0.1880 0.2400 0.2120 0. May 0.0000 0.0821 0.1880 0.1560 0.2530 0. Jul 0.00033 0.0138 0.0984 0.1630 0.1760 0. Aug 0.0044 0.0223 0.0278 0.0322 0.0278 0.0322 0.0640 Sep 0.0449 0.0179 0.0132 0.0262 0.0242 0.0242 0.0242 0.0242 0.0042 Oct 0.1220 0.1670 0.1390 0.1750 0.1670 0.1950 0. 0.0040 0.1550 0.02320 0.0240 0.2180 0.0041 0.0041 0.0041 0.0041 0.0041 0.0042 0.0042 0.0042 0.0042 0.0042	1.2820 Feb -0.2157 -0.3551 -0.2349 -0.0882 -0.1602 -0.3758 -0.2249 -0.0882 -0.1602 -0.3758 -0.2249 -0.0882 -0.1602 -0.3758 -0.2249 -0.0443 -0.1212 -0.0345 -0.2259 -0.2157 -0.2258 -0.2157 -0.2157 -0.2157 -0.2157 -0.2157 -0.2157 -0.2157 -0.2157 -0.2157 -0.2157 -0.2257 -0.2258 -0.2157 -0.2258 -0.2157 -0.2258 -0.2157 -0.2258
Mar 0.0493 0.1060 0.2110 0.1940 0.1740 0.2 Apr 0.1120 0.1300 0.1880 0.2400 0.2120 0.2 May 0.0000 0.0821 0.1660 0.1560 0.2630 0. Jun 0.0333 0.0138 0.0994 0.1530 0.1760 0. Jul 0.0000 0.0072 0.0168 0.0840 0.1500 0. Aug 0.0044 0.0223 0.0278 0.0322 0.0883 0. Sep 0.0419 0.0179 0.0132 0.0826 0.0242 0.0242 Oct 0.1220 0.1670 0.1390 0.1750 0.1670 0. Nov 0.0956 0.1550 0.23220 0.2080 0.1950 0. Dec 0.1530 0.1830 0.2380 0.2420 0.2180 0.	1.2100 Mar
Apr 0.1120 0.1340 0.1580 0.2400 0.2120 0.2 May 0.0000 0.0821 0.1680 0.1560 0.2830 0.2830 Jun 0.0333 0.0138 0.0994 0.1630 0.1760 0. Jul 0.0000 0.0072 0.0168 0.0840 0.1500 0. Aug 0.0044 0.0223 0.0278 0.0322 0.0683 0. Sep 0.0419 0.0179 0.0132 0.0262 0.0242 0. Oct 0.1220 0.0770 0.01330 0.1790 0.0132 0.0262 0.0242 0. Nov 0.0956 0.1550 0.2320 0.2080 0.1950 0. Dec 0.1530 0.1830 0.2360 0.2420 0.2180 0.	1,2030 Apr 1,2266 -0,1261 0,0000 -0,3408 -0,0547 -0,0305 -0,2250 May 1,0000 0,2106 -0,1690 -0,083 -0,2876 -0,0817 -0,2250 -0,0817 -0,2250 -0,0817 -0,2250 -0,0817 -0,2250 -0,0817 -0,2250 -0,0817 -0,2250 -0,0817 -0,2250 -0,0817 -0,2250 -0,0817 -0,2250 -0,0000 -0,3369 -0,1710 -0,0810 -0,0824 -0,0258
May 0.0000 0.0821 0.1660 0.2630 0. Jun 0.0333 0.0138 0.0994 0.1630 0.070 Jul 0.0000 0.0072 0.0168 0.0840 0.1500 0. Aug 0.0044 0.0223 0.0278 0.0322 0.0683 0. Sep 0.0419 0.0179 0.0132 0.0262 0.0242 0. Oct 0.1220 0.1670 0.1390 0.1750 0.1670 0. Nov 0.0956 0.1550 0.2320 0.2080 0.1950 0. Dec 0.1530 0.1830 0.2360 0.2420 0.2180 0.	D2250 May 1.0000 0.2106 -0.1690 0.0983 -0.2956 -0.0817 2.2560 Jun -1020.472 0.1429 -0.0155 -0.0724 -0.0155 -0.0724 -0.0155 -0.0724 -0.0155 -0.0724 -0.0171 -0.0811 3.1400 Aug 0.5840 -0.2816 -0.0296 0.1845 0.1771 0.0611 3.0400 Sep -0.7605 0.1864 -0.5200 0.1027 0.1626 0.0258 3.1690 Oct 0.1701 -0.1438 0.0974 -0.1513 -0.0987 -0.1267 3.1590 Nov -0.0876 0.0882 -0.3343 -0.1429 -0.0714 0.0154
Jun 0.0333 0.0138 0.0994 0.1630 0.1760 0. Jul 0.0000 0.0072 0.0188 0.0840 0.1500 0. Aug 0.0044 0.0223 0.0278 0.0322 0.0832 0.0833 Sep 0.0419 0.0179 0.0132 0.0262 0.0242 0.1 Oct 0.1220 0.1670 0.1380 0.1759 0.1670 0. Nov 0.0956 0.1550 0.2320 0.2080 0.1950 0. Dec 0.1530 0.1830 0.2360 0.2420 0.2180 0.	Jun -1020.472 0.1429 0.0158 -0.0724 0.0173 -0.2900 J.1690 Jul NA -2.3774 0.2466 -0.01845 0.1071 0.0611 J.1400 Aug 0.5840 -0.2816 -0.0296 0.0000 0.3369 10.50 J.0868 Sep -0.7605 0.1864 0.5200 0.1027 0.1626 0.0288 J.1690 Oct 0.1701 -0.1438 0.0974 -0.1513 -0.0977 -0.1513 -0.0977 0.1368 Nov -0.0876 0.0882 -0.3034 -0.1429 -0.0714 0.1368
Aug 0.0044 0.0223 0.0278 0.0332 0.0843 0. Sep 0.0419 0.0132 0.0262 0.0242 0.0242 0.0242 0.0242 0.0242 0.0242 0.0242 0.0242 0.0242 0.0242 0.0242 0.0242 0.0242 0.0242 0.0242 0.0242 0.0242 0.0242 0.02420 0.2420 0.2420 0.2180 0.02420 0.2180 0.02420 0.2180 0.02420 <t< td=""><td>0.1400 Aug 0.5840 -0.2816 -0.0296 0.0000 0.3369 0.1954 0.0868 Sep -0.7605 0.1864 0.5200 0.1027 0.1626 0.0258 0.1690 Oct 0.1701 -0.1438 0.0974 -0.1513 -0.0987 -0.1267 0.1580 Nov -0.0876 0.0882 -0.3034 -0.1429 -0.0714 0.1366</td></t<>	0.1400 Aug 0.5840 -0.2816 -0.0296 0.0000 0.3369 0.1954 0.0868 Sep -0.7605 0.1864 0.5200 0.1027 0.1626 0.0258 0.1690 Oct 0.1701 -0.1438 0.0974 -0.1513 -0.0987 -0.1267 0.1580 Nov -0.0876 0.0882 -0.3034 -0.1429 -0.0714 0.1366
Sep 0.0419 0.0179 0.0132 0.0262 0.0242 0.1 Oct 0.1220 0.1670 0.1390 0.1750 0.1750 0.1750 0.1750 0.1750 0.00 0	0.0868 Sep -0.7605 0.1864 0.5200 0.1027 0.1626 0.0258 0.1630 Oct 0.1701 -0.1438 0.0974 -0.1513 -0.0987 -0.1267 0.1500 Nov -0.0876 0.0882 -0.3034 -0.1429 -0.0714 0.1366
Oct 0.1220 0.1570 0.1390 0.1750 0.1670 0. Nov 0.0956 0.1550 0.2320 0.2080 0.1950 0. Dec 0.1530 0.1830 0.2360 0.2420 0.2180 0.	0.1690 Oct 0.1701 -0.1438 0.0974 -0.1513 -0.0987 -0.1267 0.1580 Nov -0.0876 0.0882 -0.3034 -0.1429 -0.0714 0.1366
Nov 0.0956 0.1550 0.2320 0.2080 0.1950 0. Dec 0.1530 0.1830 0.2360 0.2420 0.2180 0.	0.1580 Nov -0.0876 0.0882 -0.3034 -0.1429 -0.0714 0.1366
Dec 0.1530 0.1830 0.2360 0.2420 0.2180 0.	
	0.1720 Dec -0.2047 0.0985 -0.1626 -0.2161 -0.0955 0.1357
BS-theo-75 LT=1 LT=2 LT=3 LT=4 LT=5 LT=6	
	0.2310 Jan -0.5760 -0.0457 -0.0201 -0.1850 0.0200 -0.1436
	0.2090 Feb -0.2322 -0.2049 0.0000 -0.0201 -0.1019 -0.0195
	0.1430 Mar -0.2396 0.0081 0.1133 0.2216 0.1429 0.2353
	0.1850 Apr 0.0460 -0.3970 -0.0833 -0.3125 -0.2527 0.0054
	0.2030 May NA -1.0000 -0.1053 -0.2176 -0.2308 -0.0573
	0.2210 Jun 1.0000 -1.3486 -0.7199 -0.0157 -0.1737 -0.1333 0.2210 Jul -0.9786 -0.9301 -0.7395 -0.5011 -0.0556 -0.1755
	0.0975 Aug
	0.1330 Oct -0.0841 0.0909 0.1005 0.1270 0.1579 0.3073
	0.2180 Nov 0.0140 0.2240 -0.0564 -0.1218 0.0254 -0.1010
	0.0140 0.2240 0.0004 0.1218 0.0234 0.1010 0.2020 Dec -0.3136 0.2948 -0.0863 -0.0609 -0.2893 -0.0254
0.1000 0.12E0 0.2110 0.2000 0.2010 0.	0.0100 0.2010 0.0000 0.0000 0.0201
BS-act-25 LT=1 LT=2 LT=3 LT=4 LT=5 LT=6	
	0.2110 Jan -0.1963 -0.1970 -0.0459 -0.1421 -0.1256 -0.0603
	0.5920 Feb 0.1410 -0.1022 -0.1327 -0.0965 -0.0881 -0.2231
	0.4550 Mar -0.0265 0.0474 -0.2442 -0.1651 -0.1642 -0.0364
	0.4310 Apr -0.1318 -0.1465 -0.1444 -0.1116 -0.0762 -0.0564
	0.5730 May -0.0733 -0.0415 -0.0115 -0.0554 -0.0573 -0.0495
	0.1910 Jun 0.0937 -0.0136 0.2000 -0.1799 -0.1257 0.0000
	0.1910 Jul 0.0000 0.0313 0.0278 -0.0083 -0.2176 -0.0437 0.1940 Aug -0.0243 -0.0308 -0.0618 -0.0149 0.0759 -0.0486
	0.1940 Aug -0.0243 -0.0308 -0.0618 -0.0149 0.0759 -0.0486 0.2440 Sep 0.0938 -0.0839 -0.0916 -0.0293 0.0361 0.0543
	0.0938 -0.0839 -0.0916 -0.0293 0.0361 0.0943 0.2000 Oct -0.2384 -0.4051 0.0063 -0.1987 -0.0321 -0.2658
	0.1640 Nov -0.1932 -0.0977 0.0671 -0.0473 -0.1471 0.0353
	0.2260 Dec -0.0971 -0.2023 0.1278 -0.0219 -0.1135 -0.2086
BS-act-75 LT=1 LT=2 LT=3 LT=4 LT=5 LT=6	
	0.3150 Jan 0.0196 -0.0737 0.1479 0.0388 0.0311 0.1152
	0.4790 Feb -0.1136 -0.0742 -0.0242 0.0227 0.0485 0.0735
	0.2470 Mar 0.0037
	0.2640 Apr 0.1892 -0.2348 -0.4098 -0.2227 -0.3292 -0.3005 0.3840 May -0.0525 -0.2277 0.1018 -0.1302 0.0536 0.0922
	0.3840 May -0.0525 -0.2277 0.1018 -0.1302 0.0536 0.0922 0.3960 Jun -0.0211 -0.0304 -0.2867 0.0916 0.0284 0.0458
	0.3300 Jul -0.1284 0.0127 0.0073 -0.2181 0.0763 0.1870
	0.3220 Aug -0.0717 -0.0219 0.0368 -0.0525 -0.2065 0.2165
	0.4100 Sep 0.0079 0.0103 -0.0102 -0.0204 0.0311 -0.0074
	0.3570 Oct -0.0383 -0.0182 -0.0181 -0.0207 -0.0052 0.0775
	0.3540 Nov 0.0076 -0.0278 -0.1226 -0.0364 0.0280 0.0056
	0.4020 Dec -0.3077 0.0613 -0.0633 -0.0203 0.0658 -0.0177
	J.4UZU DEC -0.3077 0.0613 -0.0633 -0.0203 0.0658 -0.0177
BS-A/T-25	6 BS-A/T-75 LT=1 LT=2 LT=3 LT=4 LT=5 LT=6
Jan 42.37 97.47 121.46 111.11 83.04 12	6 BS-A/T-75 LT=1 LT=2 LT=3 LT=4 LT=5 LT=6 126.54 Jan 31.49 61.49 70.49 68.30 57.14 73.33
Jan 42.37 97.47 121.46 111.11 83.04 12 Feb 31.79 37.70 35.84 39.86 45.01 4	6 BS-A/T-75 LT=1 LT=2 LT=3 LT=4 LT=5 LT=6 126.54 Jan 31.49 61.49 70.49 68.30 57.14 73.33 47.64 Feb 16.33 26.73 46.02 42.92 46.33 43.63
Jan 42.37 97.47 121.46 111.11 83.04 12 Feb 31.79 37.70 35.84 39.86 45.01 4 Mar 10.63 25.12 39.44 38.19 37.18 4	6 BS-A/T-75 LT=1 LT=2 LT=3 LT=4 LT=5 LT=6 126.54 Jan 31.49 61.49 70.49 68.30 57.14 73.33 47.64 Feb 16.33 26.73 46.02 42.92 46.33 43.63 46.15 Mar 36.68 38.80 43.89 42.21 60.00 57.89
Jan 42.37 97.47 121.46 111.11 83.04 12 Feb 31.79 37.70 35.84 39.86 45.01 4 Mar 10.63 25.12 39.44 38.19 37.18 4 Apr 17.86 24.81 30.68 49.18 45.49 4	6 BS-A/T-75 LT=1 LT=2 LT=3 LT=4 LT=5 LT=6 L126.54 Jan 31.49 61.49 70.49 68.30 57.14 73.33 43.63 46.02 42.92 46.33 43.63 46.15 Mar 36.68 38.80 43.89 42.21 60.00 57.84 47.10 Apr 19.19 42.25 62.96 79.38 71.47 70.8
Jan 42.37 97.47 121.46 111.11 83.04 12 Feb 31.79 37.70 35.84 39.86 45.01 4 Mar 10.63 25.12 39.44 38.19 37.18 4 Apr 17.86 24.81 30.68 49.18 45.49 4 May 0.00 13.62 31.38 30.35 47.47 3	6 BS-A/T-75 LT=1 LT=2 LT=3 LT=4 LT=5 LT=6 126.54 Jan 31.49 61.49 70.49 68.30 57.14 73.33 47.64 Feb 16.33 26.73 46.02 42.92 46.33 43.63 46.15 Mar 36.68 38.80 43.89 42.21 60.00 57.89 47.10 Apr 19.19 42.25 62.98 79.38 71.47 70.08 39.27 May 4.90 21.32 28.57 40.43 48.58 52.86
Jan 42.37 97.47 121.46 111.11 83.04 12 Feb 31.79 37.70 35.84 39.86 45.01 4 Mar 10.63 25.12 39.4 38.19 37.18 4 Apr 17.86 24.81 30.68 49.18 45.49 4 May 0.00 13.62 31.38 30.35 47.47 3 Jun 11.10 462 50.71 73.09 89.34 13	6 BS-MT-75 LT=1 LT=2 LT=3 LT=4 LT=5 LT=6 L
Jan 42.37 97.47 121.46 111.11 83.04 12 Feb 31.79 37.70 358.4 39.86 45.01 4 Mar 10.63 25.12 39.44 38.19 37.18 4 Apr 17.86 24.81 30.68 49.18 45.49 4 May 0.00 13.62 31.38 30.35 47.47 3 Jun 11.10 4.62 50.71 73.09 89.34 13 Jul 0.00 1.93 4.80 34.71 63.83 *	BS-A/T-75 LT=1 LT=2 LT=3 LT=4 LT=5 LT=6 126.54 Jan 31.49 61.49 70.49 68.30 57.14 73.33 47.64 Feb 16.33 26.73 46.02 42.92 46.33 43.63 46.15 Mar 36.68 38.80 43.89 42.21 60.00 57.89 47.10 Apr 19.19 42.25 62.99 73.88 71.47 70.88 39.27 May 4.90 21.32 28.57 40.43 48.58 52.86 336.08 Jun 0.000 9.45 30.76 34.22 59.15 55.81 Jul 9.44 17.74 14.46 31.00 37.89 73.67
Jan 42.37 97.47 121.46 111.11 83.04 12 Feb 31.79 37.70 35.84 39.86 45.01 4 Mar 10.63 25.12 39.44 38.19 37.18 4 Apr 17.86 24.81 30.68 49.18 45.49 4 May 0.00 13.62 31.38 30.35 47.47 2 Jun 11.10 4.62 50.71 73.09 89.34 13 Jul 0.00 1.93 4.80 34.71 63.83 8 Aug 1.16 6.06 7.70 9.44 25.49 7	6 BS-M/T-75 LT=1 LT=2 LT=3 LT=4 LT=5 LT=6 Jan 31.49 61.49 70.49 68.30 57.14 73.33 46.15 46.15 46.15 46.15 46.15 46.15 46.15 42.26 62.39 73.48 42.21 60.00 57.89 47.10
Jan 42.37 97.47 121.46 111.11 83.04 12 Feb 31.79 37.70 35.84 39.86 45.01 4 Mar 10.63 25.12 39.44 38.19 37.18 4 Apr 17.86 24.81 30.88 49.18 45.49 4 May 0.00 13.62 31.38 30.35 47.47 3 Jun 11.10 4.62 50.77 73.09 89.34 13 Jul 0.00 1.93 4.80 34.71 63.83 8 Aug 1.16 6.06 7.70 9.44 25.49 7 Sep 14.45 6.03 4.43 9.32 9.06 3	BS-A/T-75
Jan 42.37 97.47 121.46 111.11 83.04 12 Feb 31.79 37.70 35.84 39.86 45.01 4 Mar 10.63 25.12 39.44 38.19 37.18 4 Apr 17.86 24.81 30.68 49.18 45.49 4 May 0.00 13.62 31.33 30.35 47.47 3 Jun 11.10 4.62 50.71 73.09 89.34 13 Jul 0.00 1.93 4.80 34.71 63.83 8 Aug 1.16 6.06 7.70 9.44 25.49 7 Sep 14.45 6.03 4.43 9.32 9.06 3 Oct 57.28 75.23 88.54 93.58 103.73 8	BS-A/T-75 LT=1 LT=2 LT=3 LT=4 LT=5 LT=6 126.54 Jan 31.49 61.49 70.49 68.30 57.14 73.33 47.64 Feb 16.33 26.73 46.02 42.92 46.33 43.83 46.15 Mar 36.68 38.80 43.89 42.21 60.00 57.89 47.10 Apr 19.19 42.25 62.96 79.38 71.47 70.08 33.27 May 4.90 21.32 28.57 40.43 48.58 52.86 18.48 Jul 9.44 17.74 14.46 31.00 37.89 73.67 72.16 Aug 13.54 6.04 3.99 10.27 19.37 30.27 35.57 Sep 11.06 8.59 7.58 8.64 11.16 23.72 48.45 0ct 28.60 40.92 43.15 41.77 41.03 37.26
Jan 42.37 97.47 121.46 111.11 83.04 12 Feb 31.79 37.70 35.84 39.86 45.01 45.01 Mar 10.63 25.12 39.44 33.19 37.18 4 Apr 17.86 24.81 30.88 49.18 45.99 4 May 0.00 13.62 33.38 30.35 47.47 3 Jul 0.00 13.62 50.71 73.09 88.34 13 Jul 0.00 19.3 4.80 34.71 63.83 8 Aug 1.16 6.06 7.70 9.44 25.49 7 Sep 14.45 6.03 4.43 9.32 9.06 3 Oct 57.28 75.23 88.54 93.58 103.73 8 Nov 38.70 81.15 151.53 117.51 100.00 9	BS-A/T-75

Table 20: Skill scores in the Zambezi

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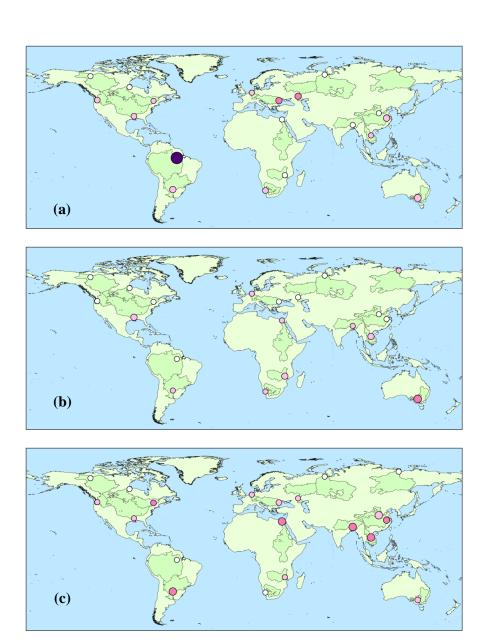
DC than DE	li T. 4	I T O	IT 2	17.4	IT 6	IT C	DCC #ha : OF	I T 4	IT 2	1 7 2	I T 4	IT 6	IT C
BS-theo-25	LT=1 0.0000	LT=2 0.0000	LT=3	LT=4 0.0901	LT=5 0.1030	LT=6		LT=1	LT=2	LT=3 1.0000	LT=4	LT=5	LT=6
Jan Feb	0.0000	0.0000	0.0000	0.0901	0.1030	0.1450	Jan Feb	1.0000	1.0000	1.0000	-0.3391 0.2130	-0.1377 -0.2881	-0.3049 -0.1053
			0.0000										0
Mar	0.0000	0.0000	0.0000	0.0011	0.0308	0.0955	Mar	1.0000	1.0000	1.0000	0.9511	-0.9410	-0.3272
Apr	0.0000	0.0000	0.0000	0.0011	0.0031	0.0482	Apr	NA	1.0000	1.0000	0.9207	0.8872	-2.0854
May	0.0000	0.0000	0.0006	0.0074	0.0033	0.0174	May	1.0000	1.0000	-0.5388	-3.3776	0.5156	0.3832
Jun	0.0044	0.0234	0.0298	0.0366	0.0467	0.0521	Jun	0.8677	0.2980	0.2682	0.3394	0.1337	0.1427
Jul	0.0667	0.0320	0.0174	0.0488	0.1350	0.1740	Jul	-3.1988	-0.8905	0.5768	0.1501	-0.6037	-1.0255
Aug	0.0813	0.0537	0.0380	0.1020	0.1220	0.1560	Aug	-1.4390	-2.2032	0.1442	-0.1784	0.0834	-0.0944
Sep	0.1220	0.0551	0.0521	0.0837	0.1180	0.1460	Sep	-2.6600	-3.8921	0.0807	-0.3713	-0.0981	-0.0090
Oct	0.1000	0.1000	0.0380	0.0931	0.1420	0.1620	Oct	-3.5579	-13.0917	-0.3418	-0.6362	-0.9992	-0.5417
Nov	0.1020	0.1000	0.0766	0.1020	0.1410	0.2160	Nov	NA	-2.6099	-6.6900	-1.6827	-1.0966	-1.6279
Dec	0.0832	0.0482	0.0678	0.0873	0.1500	0.1960	Dec	NA	-1215.08	-0.2513	-0.6231	-0.8039	-0.9152
	L = .												
BS-theo-75	LT=1	LT=2	LT=3	LT=4	LT=5	LT=6	BSS-theo-75	LT=1	LT=2	LT=3	LT=4	LT=5	LT=6
Jan	0.1000	0.1174	0.0863	0.0567	0.0459	0.1188	Jan	NA	NA.	-3.6285	-0.7118	-0.2573	-0.6999
Feb	0.0690	0.0667	0.0690	0.0265	0.0388	0.0712	Feb	-2.3898	-13.1324	-21.7297	0.1427	0.2925	-0.2420
Mar	0.0344	0.0348	0.0433	0.0772	0.0048	0.0427	Mar	-0.0290	-0.0067	-0.7081	-29.3800	0.8210	0.2161
Apr	0.0333	0.0333	0.0348	0.0190	0.0792	0.0633	Apr	-0.2176	-0.1265	-0.4571	-0.8703	-0.5747	0.0557
May	0.0336	0.0099	0.0080	0.0046	0.0094	0.0026	May	-2.5725	-0.3540	-4.0086	0.4528	0.0145	0.9676
Jun	0.0711	0.0609	0.0069	0.0105	0.0137	0.0364	Jun	-1.1322	-49.5481	0.0160	-3.5941	-2.3088	-0.6909
Jul	0.0802	0.0868	0.0769	0.0545	0.0606	0.0368	Jul	-0.7294	-0.8000	-1.9888	-0.2107	-1.7140	-0.6731
Aug	0.1333	0.1231	0.1041	0.1091	0.1212	0.1262	Aug	-2.0096	-1.2331	-0.4049	-0.5573	-0.6918	-1.3113
Sep	0.1333	0.1160	0.1273	0.1022	0.1110	0.1350	Sep	-39.9600	-3.7315	-1.0964	-0.3049	-0.4216	-0.8554
Oct	0.1667	0.1278	0.0848	0.1011	0.1025	0.1182	Oct	NA	-244.4215	-1.0316	-0.0233	0.0896	0.0070
Nov	0.1333	0.1275	0.0854	0.0656	0.1022	0.1331	Nov	NA	-978.5703	-86.4490	-0.4134	0.0517	-0.0779
Dec	0.1333	0.1275	0.0736	0.0347	0.0890	0.1212	Dec	NA	-10.1351	-1.6740	-1.6946	-0.4209	-0.0384
BS-act-25	LT=1	LT=2	LT=3	LT=4	LT=5	LT=6	BSS-act-25	LT=1	LT=2	LT=3	LT=4	LT=5	LT=6
Jan	0.7330	0.7240	0.7240	0.6760	0.7200	0.8010	Jan	0.0443	0.0372	0.0082	-0.0196	-0.0496	-0.1728
Feb	0.7590	0.7330	0.7240	0.7290	0.7010	0.7560	Feb	-0.0066	0.0214	0.0109	0.0014	-0.0463	-0.0941
Mar	0.7330	0.7590	0.7330	0.7250	0.7490	0.7260	Mar	0.0108	-0.0341	0.0054	0.0295	-0.0122	-0.0917
Apr		0.7220									0.0474	0.0000	-0.0217
	0.7330		0.7590	0.7340	0.7270	0.7530	Apr	0.0000	0.0014	-0.0341	0.0174	0.0332	
Mav	0.7330	0.7330	0.7590	0.7340	0.7270 0.7370	0.7530 0.7420	Apr Mav	0.0000	0.0014	-0.0341 0.0000	0.0174 -0.0422	0.0332	0.0133
May	0.7330	0.7330	0.7340	0.7660	0.7370	0.7420	May	0.0214	0.0027	0.0000	-0.0422	0.0041	0.0133
May Jun	0.7330 0.7380	0.7330 0.7450	0.7340 0.7020	0.7660 0.7150	0.7370 0.7300	0.7420 0.7190	May Jun	0.0214 0.0378	0.0027 0.0287	0.0000 0.0475	-0.0422 0.0124		0.0133 0.0110
May Jun Jul	0.7330 0.7380 0.6670	0.7330 0.7450 0.7170	0.7340 0.7020 0.6900	0.7660 0.7150 0.7210	0.7370 0.7300 0.7230	0.7420 0.7190 0.7450	May Jun Jul	0.0214 0.0378 0.1095	0.0027 0.0287 0.0311	0.0000 0.0475 0.0129	-0.0422 0.0124 -0.0315	0.0041 -0.0069	0.0133
May Jun Jul Aug	0.7330 0.7380 0.6670 0.6270	0.7330 0.7450 0.7170 0.6360	0.7340 0.7020 0.6900 0.7170	0.7660 0.7150 0.7210 0.7440	0.7370 0.7300 0.7230 0.7340	0.7420 0.7190 0.7450 0.7070	May Jun Jul Aug	0.0214 0.0378 0.1095 0.1825	0.0027 0.0287 0.0311 0.1080	0.0000 0.0475 0.0129 0.0028	-0.0422 0.0124 -0.0315 -0.1171	0.0041 -0.0069 -0.0478 -0.1362	0.0133 0.0110 -0.0892 -0.1222
May Jun Jul Aug Sep	0.7330 0.7380 0.6670 0.6270 0.6010	0.7330 0.7450 0.7170 0.6360 0.6430	0.7340 0.7020 0.6900 0.7170 0.6880	0.7660 0.7150 0.7210 0.7440 0.7320	0.7370 0.7300 0.7230 0.7340 0.7540	0.7420 0.7190 0.7450 0.7070 0.7520	May Jun Jul Aug Sep	0.0214 0.0378 0.1095 0.1825 0.2164	0.0027 0.0287 0.0311 0.1080 0.1168	0.0000 0.0475 0.0129 0.0028 -0.0029	-0.0422 0.0124 -0.0315 -0.1171 -0.0796	0.0041 -0.0069 -0.0478 -0.1362 -0.1930	0.0133 0.0110 -0.0892 -0.1222 -0.2129
May Jun Jul Aug Sep Oct	0.7330 0.7380 0.6670 0.6270 0.6010 0.6330	0.7330 0.7450 0.7170 0.6360 0.6430 0.6330	0.7340 0.7020 0.6900 0.7170 0.6880 0.6870	0.7660 0.7150 0.7210 0.7440 0.7320 0.7170	0.7370 0.7300 0.7230 0.7340 0.7540 0.7600	0.7420 0.7190 0.7450 0.7070 0.7520 0.8110	May Jun Jul Aug Sep Oct	0.0214 0.0378 0.1095 0.1825 0.2164 0.0996	0.0027 0.0287 0.0311 0.1080 0.1168 0.1281	0.0000 0.0475 0.0129 0.0028 -0.0029 0.0432	-0.0422 0.0124 -0.0315 -0.1171 -0.0796 -0.0513	0.0041 -0.0069 -0.0478 -0.1362 -0.1930 -0.1293	0.0133 0.0110 -0.0892 -0.1222 -0.2129 -0.2997
May Jun Jul Aug Sep Oct Nov	0.7330 0.7380 0.6670 0.6270 0.6010 0.6330 0.6180	0.7330 0.7450 0.7170 0.6360 0.6430 0.6330 0.6330	0.7340 0.7020 0.6900 0.7170 0.6880 0.6870	0.7660 0.7150 0.7210 0.7440 0.7320 0.7170 0.7630	0.7370 0.7300 0.7230 0.7340 0.7540 0.7600 0.7840	0.7420 0.7190 0.7450 0.7070 0.7520 0.8110 0.8530	May Jun Jul Aug Sep Oct Nov	0.0214 0.0378 0.1095 0.1825 0.2164 0.0996 0.1569	0.0027 0.0287 0.0311 0.1080 0.1168 0.1281 0.0691	0.0000 0.0475 0.0129 0.0028 -0.0029 0.0432 0.1229	-0.0422 0.0124 -0.0315 -0.1171 -0.0796 -0.0513 -0.0671	0.0041 -0.0069 -0.0478 -0.1362 -0.1930 -0.1293 -0.1754	0.0133 0.0110 -0.0892 -0.1222 -0.2129 -0.2997 -0.2808
May Jun Jul Aug Sep Oct	0.7330 0.7380 0.6670 0.6270 0.6010 0.6330	0.7330 0.7450 0.7170 0.6360 0.6430 0.6330	0.7340 0.7020 0.6900 0.7170 0.6880 0.6870	0.7660 0.7150 0.7210 0.7440 0.7320 0.7170	0.7370 0.7300 0.7230 0.7340 0.7540 0.7600	0.7420 0.7190 0.7450 0.7070 0.7520 0.8110	May Jun Jul Aug Sep Oct	0.0214 0.0378 0.1095 0.1825 0.2164 0.0996	0.0027 0.0287 0.0311 0.1080 0.1168 0.1281	0.0000 0.0475 0.0129 0.0028 -0.0029 0.0432	-0.0422 0.0124 -0.0315 -0.1171 -0.0796 -0.0513	0.0041 -0.0069 -0.0478 -0.1362 -0.1930 -0.1293	0.0133 0.0110 -0.0892 -0.1222 -0.2129 -0.2997
May Jun Jul Aug Sep Oct Nov	0.7330 0.7380 0.6670 0.6270 0.6010 0.6330 0.6180	0.7330 0.7450 0.7170 0.6360 0.6430 0.6330 0.6330	0.7340 0.7020 0.6900 0.7170 0.6880 0.6870	0.7660 0.7150 0.7210 0.7440 0.7320 0.7170 0.7630	0.7370 0.7300 0.7230 0.7340 0.7540 0.7600 0.7840	0.7420 0.7190 0.7450 0.7070 0.7520 0.8110 0.8530	May Jun Jul Aug Sep Oct Nov	0.0214 0.0378 0.1095 0.1825 0.2164 0.0996 0.1569	0.0027 0.0287 0.0311 0.1080 0.1168 0.1281 0.0691	0.0000 0.0475 0.0129 0.0028 -0.0029 0.0432 0.1229	-0.0422 0.0124 -0.0315 -0.1171 -0.0796 -0.0513 -0.0671	0.0041 -0.0069 -0.0478 -0.1362 -0.1930 -0.1293 -0.1754	0.0133 0.0110 -0.0892 -0.1222 -0.2129 -0.2997 -0.2808
May Jun Jul Aug Sep Oct Nov Dec	0.7330 0.7380 0.6670 0.6270 0.6010 0.6330 0.6180 0.6350	0.7330 0.7450 0.7170 0.6360 0.6430 0.6330 0.6330 0.6540	0.7340 0.7020 0.6900 0.7170 0.6880 0.6870 0.6280 0.6680	0.7660 0.7150 0.7210 0.7440 0.7320 0.7170 0.7630 0.6990	0.7370 0.7300 0.7230 0.7230 0.7340 0.7540 0.7600 0.7840 0.8050	0.7420 0.7190 0.7450 0.7070 0.7520 0.8110 0.8530 0.8440	May Jun Jul Aug Sep Oct Nov Dec	0.0214 0.0378 0.1095 0.1825 0.2164 0.0996 0.1569 0.1337	0.0027 0.0287 0.0311 0.1080 0.1168 0.1281 0.0691 0.1078	0.0000 0.0475 0.0129 0.0028 -0.0029 0.0432 0.1229 0.0234	-0.0422 0.0124 -0.0315 -0.1171 -0.0796 -0.0513 -0.0671 0.0237	0.0041 -0.0069 -0.0478 -0.1362 -0.1930 -0.1293 -0.1754 -0.1370	0.0133 0.0110 -0.0892 -0.1222 -0.2129 -0.2997 -0.2808 -0.3005
May Jun Jul Aug Sep Oct Nov Dec BS-act-75	0.7330 0.7380 0.6670 0.6270 0.6010 0.6330 0.6180	0.7330 0.7450 0.7170 0.6360 0.6430 0.6330 0.6330	0.7340 0.7020 0.6900 0.7170 0.6880 0.6870	0.7660 0.7150 0.7210 0.7440 0.7320 0.7170 0.7630	0.7370 0.7300 0.7230 0.7340 0.7540 0.7600 0.7840 0.8050	0.7420 0.7190 0.7450 0.7070 0.7520 0.8110 0.8530 0.8440	May Jun Jul Aug Sep Oct Nov	0.0214 0.0378 0.1095 0.1825 0.2164 0.0996 0.1569	0.0027 0.0287 0.0311 0.1080 0.1168 0.1281 0.0691	0.0000 0.0475 0.0129 0.0028 -0.0029 0.0432 0.1229	-0.0422 0.0124 -0.0315 -0.1171 -0.0796 -0.0513 -0.0671 0.0237	0.0041 -0.0069 -0.0478 -0.1362 -0.1930 -0.1293 -0.1754 -0.1370	0.0133 0.0110 -0.0892 -0.1222 -0.2129 -0.2997 -0.2808 -0.3005
May Jun Jul Aug Sep Oct Nov Dec BS-act-75 Jan	0.7330 0.7380 0.6670 0.6270 0.6010 0.6330 0.6180 0.6350	0.7330 0.7450 0.7170 0.6360 0.6430 0.6330 0.6540 LT=2 0.8420	0.7340 0.7020 0.6900 0.7170 0.6880 0.6870 0.6280 0.6680	0.7660 0.7150 0.7210 0.7440 0.7320 0.7170 0.7630 0.6990 LT=4 0.7240	0.7370 0.7300 0.7230 0.7340 0.7540 0.7600 0.7840 0.8050	0.7420 0.7190 0.7450 0.7070 0.7520 0.8110 0.8530 0.8440	May Jun Jul Aug Sep Oct Nov Dec	0.0214 0.0378 0.1095 0.1825 0.2164 0.0996 0.1569 0.1337 LT=1 -0.1364	0.0027 0.0287 0.0311 0.1080 0.1168 0.1281 0.0691 0.1078 LT=2 -0.1630	0.0000 0.0475 0.0129 0.0028 -0.0029 0.0432 0.1229 0.0234 LT=3 -0.1571	-0.0422 0.0124 -0.0315 -0.1171 -0.0796 -0.0513 -0.0671 0.0237	0.0041 -0.0069 -0.0478 -0.1362 -0.1930 -0.1293 -0.1754 -0.1370 LT=5 0.1610	0.0133 0.0110 -0.0892 -0.1222 -0.2129 -0.2997 -0.2808 -0.3005
May Jun Jul Aug Sep Oct Nov Dec BS-act-75 Jan Feb	0.7330 0.7380 0.6670 0.6670 0.6010 0.6330 0.6180 0.6350 LT=1 0.8330 0.7930	0.7330 0.7450 0.7170 0.6360 0.6430 0.6330 0.6540 LT=2 0.8420 0.8000	0.7340 0.7020 0.6900 0.7170 0.6880 0.6870 0.6280 0.6680	0.7660 0.7150 0.7210 0.7440 0.7320 0.7170 0.7630 0.6990 LT=4 0.7240 0.7380	0.7370 0.7300 0.7230 0.7240 0.7540 0.7600 0.7840 0.8050 LT=5 0.6200 0.7000	0.7420 0.7190 0.7450 0.7070 0.7520 0.8110 0.8530 0.8440 LT=6 0.4790 0.5700	May Jun Jul Aug Sep Oct Nov Dec BSS-act-75 Jan Feb	0.0214 0.0378 0.1095 0.1825 0.2164 0.0996 0.1569 0.1337 LT=1 -0.1364 -0.0517	0.0027 0.0287 0.0311 0.1080 0.1168 0.1281 0.0691 0.1078 LT=2 -0.1630 -0.0840	0.0000 0.0475 0.0129 0.0028 -0.0029 0.0432 0.1229 0.0234 LT=3 -0.1571 -0.0938	-0.0422 0.0124 -0.0315 -0.1171 -0.0796 -0.0513 -0.0671 0.0237 LT=4 -0.0343 -0.0438	0.0041 -0.0069 -0.0478 -0.1362 -0.1930 -0.1293 -0.1754 -0.1370 LT=5 0.1610 -0.0448	0.0133 0.0110 -0.0892 -0.1222 -0.2129 -0.2997 -0.2808 -0.3005 LT=6 0.3329 0.1972
May Jun Jul Aug Sep Oct Nov Dec BS-act-75 Jan Feb Mar	0.7330 0.7380 0.6670 0.6270 0.6330 0.6180 0.6350 LT=1 0.8330 0.7930 0.7680	0.7330 0.7450 0.7170 0.6360 0.6430 0.6330 0.6540 LT=2 0.8420 0.8000 0.7590	0.7340 0.7020 0.6900 0.7170 0.6880 0.6870 0.6280 0.6680 LT=3 0.8100 0.7930	0.7660 0.7150 0.7210 0.7320 0.7170 0.7630 0.6990 LT=4 0.7240 0.7380 0.7570	0.7370 0.7300 0.7230 0.7240 0.7540 0.7600 0.7840 0.8050 LT=5 0.6200 0.7000 0.7040	0.7420 0.7190 0.7450 0.7070 0.7520 0.8110 0.8530 0.8440 LT=6 0.4790 0.5700 0.6670	May Jun Jul Aug Sep Oct Nov Dec BSS-act-75 Jan Feb Mar	0.0214 0.0378 0.1095 0.1825 0.2164 0.0996 0.1569 0.1337 LT=1 -0.1364 -0.0517 -0.0013	0.0027 0.0287 0.0311 0.1080 0.1168 0.1281 0.0691 0.1078 LT=2 -0.1630 -0.0840 0.0117	0.0000 0.0475 0.0129 0.0028 -0.0029 0.0432 0.1229 0.0234 LT=3 -0.1571 -0.0938 -0.0237	-0.0422 0.0124 -0.0315 -0.1171 -0.0796 -0.0513 -0.0671 0.0237 LT=4 -0.0343 -0.0438 -0.0485	0.0041 -0.0069 -0.0478 -0.1362 -0.1930 -0.1293 -0.1754 -0.1370 LT=5 0.1610 -0.0448 -0.0100	0.0133 0.0110 -0.0892 -0.1222 -0.2129 -0.2997 -0.2808 -0.3005 LT=6 0.3329 0.1972 -0.0214
May Jun Jul Aug Sep Oct Nov Dec BS-act-75 Jan Feb Mar Apr	0.7330 0.7380 0.6670 0.6270 0.6330 0.6180 0.6350 LT=1 0.8330 0.7930 0.7680 0.7670	0.7330 0.7450 0.7170 0.6360 0.6330 0.6330 0.6540 LT=2 0.8420 0.8000 0.7590 0.7670	0.7340 0.7020 0.6900 0.7170 0.6880 0.6870 0.6280 0.6680 LT=3 0.8100 0.7930 0.7770 0.7530	0.7660 0.7150 0.7210 0.7440 0.7320 0.7170 0.7630 0.6990 LT=4 0.7240 0.7380 0.7570 0.7400	0.7370 0.7300 0.7230 0.7340 0.7540 0.7600 0.7840 0.8050 LT=5 0.6200 0.7000 0.7340	0.7420 0.7190 0.7450 0.7070 0.7520 0.8110 0.8530 0.8440 LT=6 0.4790 0.5700 0.6670	May Jun Jul Aug Sep Oct Nov Dec BSS-act-75 Jan Feb Mar Apr	0.0214 0.0378 0.1095 0.1825 0.2164 0.0996 0.1569 0.1337 LT=1 -0.1364 -0.0517 -0.0013 -0.0079	0.0027 0.0287 0.0311 0.1080 0.1168 0.1281 0.0691 0.1078 LT=2 -0.1630 -0.0840 0.0117 -0.0132	0.0000 0.0475 0.0129 0.0028 -0.0029 0.0432 0.1229 0.0234 LT=3 -0.1571 -0.0938 -0.0237 0.0000	-0.0422 0.0124 -0.0315 -0.1171 -0.0796 -0.0513 -0.0671 0.0237 LT=4 -0.0343 -0.0438 -0.0485 -0.0249	0.0041 -0.0069 -0.0478 -0.1362 -0.1930 -0.1293 -0.1754 -0.1370 LT=5 0.1610 -0.0448 -0.0100 -0.0237	0.0133 0.0110 -0.0892 -0.1222 -0.2129 -0.2898 -0.3005 LT=6 0.3329 0.1972 -0.0214 -0.0148
May Jun Jul Aug Sep Oct Nov Dec BS-act-75 Jan Feb Mar Apr May May	0.7330 0.7380 0.6670 0.6270 0.6330 0.6350 LT=1 0.8330 0.7930 0.7680 0.7670	0.7330 0.7450 0.7170 0.6360 0.6430 0.6330 0.6330 0.6540 LT=2 0.8420 0.7670 0.7670 0.7430	0.7340 0.7020 0.6900 0.7170 0.6880 0.6870 0.6280 0.6680 LT=3 0.8100 0.7730 0.77530	0.7660 0.7150 0.7210 0.7440 0.7320 0.7170 0.6690 LT=4 0.7240 0.7380 0.7570 0.7400 0.7290	0.7370 0.7300 0.7230 0.7340 0.7540 0.7600 0.7840 0.8050 LT=5 0.6200 0.7000 0.7040 0.7340	0.7420 0.7190 0.7450 0.7070 0.7520 0.8110 0.8530 0.8440 LT=6 0.4790 0.5700 0.6670 0.6870 0.7270	May Jun Jul Aug Sep Oct Nov Dec BSS-act-75 Jan Feb Mar Apr May	0.0214 0.0378 0.1095 0.1825 0.2164 0.0996 0.1569 0.1337 LT=1 -0.1364 -0.0517 -0.0013 -0.0079 -0.0323	0.0027 0.0287 0.0311 0.1080 0.1168 0.1281 0.0691 0.1078 LT=2 -0.1630 -0.0840 0.0117 -0.0132 -0.0027	0.0000 0.0475 0.0129 0.0028 -0.0029 0.0432 0.1229 0.0234 LT=3 -0.1571 -0.0938 -0.00237 0.0000	-0.0422 0.0124 -0.0315 -0.1171 -0.0976 -0.0513 -0.0671 0.0237 LT=4 -0.0343 -0.0485 -0.0485 -0.0249 0.0175	0.0041 -0.0069 -0.0478 -0.1362 -0.1930 -0.1293 -0.1754 -0.1370 LT=5 0.1610 -0.0448 -0.0100 -0.0237 0.0014	0.0133 0.0110 -0.0892 -0.1222 -0.2129 -0.2997 -0.2808 -0.3005 LT=6 0.3329 0.1972 -0.0214 -0.0148 0.0041
May Jun Jul Aug Sep Oct Nov Dec BS-act-75 Jan Feb Mar Apr May Jun	0.7330 0.7380 0.6670 0.6670 0.6010 0.6330 0.6180 0.6350 LT=1 0.8330 0.7930 0.7680 0.7670 0.8040	0.7330 0.7450 0.7170 0.6360 0.6430 0.6330 0.6540 LT=2 0.8420 0.8000 0.7590 0.7670 0.7430 0.7940	0.7340 0.7020 0.6900 0.6910 0.6880 0.6887 0.6880 0.6880 0.7410 0.7930 0.7770 0.7530 0.7410 0.7160	0.7660 0.7150 0.7210 0.7320 0.7170 0.7630 0.6990 LT=4 0.7240 0.7380 0.7570 0.7400 0.7290 0.7390	0.7370 0.7300 0.7230 0.7230 0.7540 0.7600 0.7840 0.8050 LT=5 0.6200 0.7000 0.7040 0.7340 0.7250 0.6560	0.7420 0.7190 0.7450 0.7670 0.7520 0.8110 0.8530 0.8440 LT=6 0.4790 0.5700 0.6670 0.7270	May Jun Jul Aug Sep Oct Nov Dec HSS-act-75 Jan Feb Mar Apr May Jun	0.0214 0.0378 0.1095 0.1825 0.2164 0.0996 0.1569 0.1337 LT=1 -0.1364 -0.0517 -0.0013 -0.0079 -0.0323 -0.0482	0.0027 0.0287 0.0311 0.1080 0.1168 0.1281 0.0691 0.1078 LT=2 -0.1630 -0.0840 0.0117 -0.0132 -0.0027 -0.0027	0.0000 0.0475 0.0129 0.0028 -0.0029 0.0432 0.1229 0.0234 LT=3 -0.1571 -0.0938 -0.0237 0.0000 -0.0002 0.0219	-0.0422 0.0124 -0.0315 -0.0796 -0.0513 -0.0671 -0.0237 LT=4 -0.0343 -0.0438 -0.0495 -0.0249 -0.0249 -0.0249 -0.0175 -0.083	0.0041 -0.0069 -0.0478 -0.1362 -0.1930 -0.1754 -0.1370 LT=5 -0.1610 -0.0448 -0.0100 -0.0237 0.0014 0.0952	0.0133 0.0110 -0.0892 -0.1229 -0.2129 -0.2808 -0.3005 LT=6 0.3329 0.1972 -0.0214 -0.0148 0.0041 0.1323
May Jun Jul Aug Sep Oct Nov Dec BS-act-75 Jan Feb Mar Apr May Jun Jul	0.7330 0.7380 0.6670 0.6670 0.6010 0.6330 0.6350 LT=1 0.8330 0.7930 0.7670 0.7670 0.7670 0.8430 0.8430	0.7330 0.7450 0.7170 0.6360 0.6430 0.6330 0.6540 LT=2 0.8420 0.8000 0.7590 0.7670 0.7430 0.7944 0.8200	0.7340 0.7020 0.6900 0.7170 0.6880 0.6870 0.6280 0.6680 LT=3 0.8100 0.7970 0.7530 0.7410 0.7160 0.7800	0.7660 0.7150 0.7210 0.7240 0.7320 0.7170 0.7630 0.6990 LT=4 0.7240 0.7350 0.7570 0.7400 0.7290 0.7330 0.6670	0.7370 0.7300 0.7300 0.7340 0.7540 0.7600 0.8050 LT=5 0.6200 0.7004 0.7340 0.7340 0.7250 0.6500 0.7500	0.7420 0.7190 0.7450 0.7650 0.8530 0.8440 LT=6 0.4790 0.5700 0.6870 0.6870 0.7270 0.68670 0.6360 0.65670	May Jun Jul Aug Sep Oct Nov Dec BSS-act-75 Jan Feb Mar Apr May Jun Jul	0.0214 0.0378 0.1095 0.1825 0.2164 0.0996 0.1569 0.1337 LT=1 -0.1364 -0.0517 -0.0013 -0.0079 -0.0323 -0.0423	0.0027 0.0287 0.03111 0.1080 0.1168 0.1281 0.0691 0.1078 LT=2 -0.1630 -0.0840 -0.0117 -0.0132 -0.0027 -0.0830 -0.0033 -0.0033	0.0000 0.0475 0.0129 0.0028 0.0029 0.0432 0.1229 0.0234 LT=3 -0.1571 -0.0937 0.0000 -0.0082 0.0219	-0.0422 0.0124 -0.0315 -0.1171 -0.0796 -0.0513 -0.0627 -0.0237 LT=4 -0.0343 -0.0485 -0.0485 -0.0249 0.0175 0.0083 0.0104	0.0041 -0.0069 -0.0478 -0.1362 -0.1930 -0.1293 -0.1370 -0.1370 -0.1610 -0.0448 -0.0100 -0.0237 -0.0014 -0.0952 -0.1616	0.0133 0.0110 -0.0892 -0.1222 -0.2129 -0.2997 -0.3005 LT=6 0.3329 0.1972 -0.0214 -0.0148 0.0041 0.1323 0.1818
May Jun Jul Aug Sep Oct Nov Dec BS-act-75 Jan Feb Mar Apr May Jun Jul Aug Aug Apr May Apr May Aug	0.7330 0.7380 0.6670 0.66270 0.6010 0.6330 0.6180 0.6350 LT=1 0.8330 0.7930 0.7680 0.7670 0.87690 0.87690 0.8130 0.8360	0.7330 0.7450 0.7170 0.6360 0.6330 0.6330 0.6540 LT=2 0.8000 0.7590 0.7430 0.7940 0.7940 0.8200 0.8200 0.8300 0.7590 0.7430 0.7940 0.8200 0.8300 0.7590	0.7340 0.7020 0.6900 0.7170 0.6880 0.6870 0.6870 0.6880 0.6880 0.6880 0.7930 0.7930 0.7770 0.7530 0.7410 0.7160 0.7860 0.7860	0.7660 0.7150 0.7210 0.7320 0.7320 0.7630 0.6990 LT=4 0.7240 0.7380 0.7570 0.7400 0.7400 0.7400 0.7400 0.7400 0.7630	0.7370 0.7300 0.7330 0.7540 0.7540 0.7600 0.7840 0.8050 LT=5 0.6200 0.7000 0.7040 0.7340 0.7340 0.7550 0.6560	0.7420 0.7190 0.7450 0.7650 0.7520 0.8110 0.8530 0.8440 LT=6 0.4790 0.5700 0.6670 0.6720 0.6360 0.5650 0.4350	May Jun Jul Aug Sep Oct Nov Dec BSS-act-75 Jan Feb Mar Apr May Jun Jul Aug Aug	0.0214 0.0378 0.1095 0.1825 0.2164 0.0996 0.1569 0.1337 LT=1 -0.1364 -0.0517 -0.0013 -0.0079 -0.00323 -0.0482 -0.0482 -0.0482 -0.0482 -0.0482 -0.0482 -0.0482 -0.0482 -0.0482 -0.0482 -0.0482	0.0027 0.0287 0.0311 0.1080 0.1168 0.1281 0.0691 0.1078 LT=2 -0.1630 -0.0840 -0.0117 -0.0132 -0.0027 -0.0803 -0.0883 -0.0581 -	0.0000 0.0475 0.0129 0.0028 -0.0029 0.0432 0.1229 0.0234 LT=3 -0.1571 -0.0938 -0.0237 0.0000 -0.0082 0.0219	-0.0422 0.0124 -0.0315 -0.1171 -0.0796 -0.0513 -0.0627 -0.0237 -0.0438 -0.0438 -0.0438 -0.0459 -0.0249 -0.0175 -0.083 -0.083 -0.083	0.0041 -0.0069 -0.0478 -0.1362 -0.1930 -0.1293 -0.1754 -0.1370 -0.1610 -0.0448 -0.0100 -0.0237 -0.0014 -0.0952 -0.1616 -0.0556	0.0133 0.0110 -0.0892 -0.1222 -0.2129 -0.2808 -0.3005 LT=6 0.3329 0.1972 -0.0214 -0.0148 0.0041 0.1323 0.1818 0.3182
May Jun Jul Aug Sep Oct Nov Dec BS-act-75 Jan Feb Mar Apr May Jun Jul Aug Sep	0.7330 0.7380 0.6670 0.66270 0.6010 0.6330 0.6180 0.6350 LT=1 0.8330 0.7680 0.7670 0.8670 0.8670 0.8670	0.7330 0.7450 0.7177 0.6360 0.6430 0.6330 0.6330 0.6540 LT=2 0.8420 0.7590 0.7670 0.7430 0.7940 0.8200 0.8200 0.8200 0.8370	0.7340 0.7020 0.6900 0.7170 0.6880 0.6870 0.6280 0.6880 LT=3 0.8100 0.7930 0.7770 0.7530 0.7410 0.7800 0.7800 0.7850 0.7450	0.7660 0.7150 0.7210 0.7320 0.7320 0.7570 0.7630 0.6990 LT=4 0.7240 0.7570 0.7400 0.7290 0.7130 0.6670 0.6300 0.6670	0.7370 0.7300 0.7330 0.7540 0.7640 0.7640 0.8050 LT=5 0.6200 0.7040 0.7340 0.7340 0.7560 0.6560 0.5750 0.5390 0.5390	0.7420 0.7190 0.7450 0.7070 0.7520 0.8110 0.8530 0.8440 LT=6 0.4790 0.6670 0.6670 0.6670 0.6670 0.5670 0.4350 0.4350	May Jun Jul Aug Sep Oct Nov Dec BSS-act-75 Jan Feb Mar Apr May Jun Jul Aug	0.0214 0.0378 0.1095 0.1825 0.2164 0.0996 0.1569 0.1337 -0.1364 -0.0517 -0.0013 -0.0079 -0.0423 -0.0423 -0.0423 -0.1144 -0.1764	0.0027 0.0287 0.0311 0.1080 0.1168 0.1281 0.0691 0.1078 LT=2 -0.1630 -0.0840 0.0117 -0.0132 -0.0827 -0.0803 -0.0581 -0.0581 -0.1530 -0.0581 -0.1530 -0.0581 -0.1530 -0.0581 -0.1530 -0.0581 -0.1530 -0.0581 -0.1530 -0.0581 -0.1530 -0.0581 -0.1530 -0.0581 -0.1530 -0.0581 -0.1530 -0.0581 -0.1530 -0.0581 -0.1530 -0.0581 -0.1530 -0.0581 -0.1530 -0.0581 -0.1530 -0.0581 -0.1530 -0.0581 -0.1530 -0.0581 -0.1530 -0.0581 -0.058	0.0000 0.0475 0.0129 0.0029 0.0423 0.1229 0.0234 LT=3 -0.1571 -0.0938 -0.0237 0.0000 -0.0022 0.0219 -0.1337 -0.0566 -0.0735	-0.0422 0.0124 -0.0315 -0.1171 -0.0796 -0.0613 -0.0671 0.0237 LT=4 -0.0343 -0.0485 -0.0249 -0.0249 -0.0175 0.0083 -0.0104 -0.0172 -0.0172	0.0041 -0.0069 -0.1362 -0.1362 -0.1930 -0.1293 -0.1754 -0.1370 -0.0100 -0.0237 -0.0014 -0.0952 -0.1616 -0.0552 -0.1565	0.0133 0.0110 -0.0892 -0.1222 -0.2129 -0.2997 -0.2808 -0.3005 LT=6 0.3329 -0.1972 -0.0214 -0.0148 -0.0041 0.1323 0.1818 0.3182
May Jun Jul Aug Sep Oct Nov Dec BS-act-75 Jan Feb Mar Apr May Jun Jul Aug Sep Oct	0.7330 0.7380 0.6670 0.6270 0.6010 0.6330 0.6180 0.6350 LT=1 0.8330 0.7930 0.7670 0.7670 0.8430 0.8430 0.8430 0.8670 0.8670 0.8000	0.7330 0.7450 0.7170 0.6360 0.6330 0.6330 0.6540 LT=2 0.8420 0.8000 0.7590 0.7430 0.7940 0.8200 0.8500 0.8500	0.7340 0.7020 0.6900 0.7170 0.6880 0.6870 0.6280 0.6880 0.7770 0.7730 0.7710 0.7160 0.7650 0.7450 0.7580	0.7660 0.7150 0.7210 0.7320 0.7320 0.7630 0.7630 0.7630 0.7570 0.7570 0.7570 0.7590 0.7130 0.6670 0.6670 0.6620	0.7370 0.7300 0.7330 0.7340 0.7540 0.7600 0.7840 0.8050 0.7000 0.7000 0.7040 0.7340 0.7550 0.6560 0.5760 0.5330 0.5230	0.7420 0.7190 0.7450 0.7650 0.8110 0.8530 0.8440 LT=6 0.4790 0.5700 0.6670 0.6670 0.6670 0.4350 0.4350	May Jun Jul Aug Sep Oct Nov Dec BSS-act-75 Jan Feb Mar Apr May Jun Jul Aug Sep Oct	0.0214 0.0378 0.1095 0.1825 0.2164 0.2964 0.1569 0.1337 LT=1 -0.1364 -0.0517 -0.0013 -0.0073 -0.0023 -0.1444 -0.1764 -0.2778	0.0027 0.0287 0.0311 0.1080 0.1168 0.1281 0.0691 0.1078 LT=2 -0.1630 -0.0840 0.0117 -0.0132 -0.0027 -0.0863 -0.0581 -0.1518 -0.1235 -0.1235	0.0000 0.0475 0.0129 0.0028 -0.0029 0.0432 0.1229 0.0234 -0.1571 -0.0938 -0.0237 0.0000 -0.0082 0.0219 -0.1337 -0.0566 -0.0735	-0.0422 0.0124 -0.0315 -0.1171 -0.0796 -0.0513 -0.0621 -0.0438 -0.0438 -0.0485 -0.0249 -0.0175 -0.0083 -0.0172 -0.0736	0.0041 -0.0069 -0.1362 -0.1362 -0.1930 -0.1293 -0.1754 -0.1370 -0.1610 -0.0448 -0.0100 -0.0237 -0.0014 -0.052 -0.15	0.0133 0.0110 -0.0892 -0.1222 -0.2129 -0.2808 -0.3005 LT=6 0.3329 0.1972 -0.0214 -0.0148 0.0041 0.1323 0.1818 0.3182 0.2901
May Jun Jul Aug Sep Oct Nov Dec BS-act-75 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov	0.7330 0.7380 0.6670 0.6270 0.6010 0.6330 0.6180 0.6350 LT=1 0.8330 0.7630 0.7670 0.7670 0.8670 0.8670 0.8670	0.7330 0.7450 0.7177 0.6360 0.6430 0.6330 0.6330 0.6540 LT=2 0.8420 0.8000 0.7590 0.7677 0.7430 0.7940 0.8500 0.8500 0.8500 0.8610 0.8610	0.7340 0.7020 0.6900 0.7170 0.6880 0.6880 0.6880 0.6880 0.6880 0.7970 0.7930 0.7970 0.7530 0.7450 0.7800 0.7680 0.7680 0.7680 0.7680	0.7660 0.7150 0.7210 0.7440 0.7320 0.7170 0.7630 0.6990 LT=4 0.7240 0.7570 0.7570 0.7400 0.7570 0.7400 0.6670 0.6670 0.6670	0.7370 0.7330 0.7330 0.7340 0.7640 0.7640 0.8050 LT=5 0.6200 0.7040 0.7340 0.7340 0.7560 0.5760 0.5760 0.5390 0.5230	0.7420 0.7190 0.7190 0.7070 0.7070 0.8110 0.8530 0.8440 LT=6 0.4790 0.6670 0.6670 0.6360 0.5670 0.4350 0.4380 0.4380 0.4380	May Jun Jul Aug Sep Oct Nov Dec BSS-act-75 Jan Feb Mar Apr May Jun Aug Sep Oct Nov Nov Nov Nov	0.0214 0.0378 0.1095 0.1825 0.2164 0.0996 0.1569 0.1337 LT=1 -0.1364 -0.0517 -0.0013 -0.0079 -0.0423 -0.0423 -0.0423 -0.1144 -0.1764 -0.278	0.0027 0.0287 0.0311 0.1080 0.1188 0.1281 0.0691 0.1078 LT=2 -0.1630 -0.0840 -0.0840 -0.0840 -0.0581 -0.0581 -0.1235 -0.1730	0.0000 0.0475 0.0129 0.0028 -0.0029 0.0432 0.1229 0.0234 LT=3 -0.1571 -0.0938 -0.0237 -0.0020 -0.0032 -0.0037 -0.0036 -0.0036 -0.0036 -0.0036 -0.0036 -0.0036 -0.0036 -0.0036 -0.0036 -0.0036	-0.0422 0.0124 -0.0315 -0.1171 -0.0513 -0.0671 -0.0237 -0.0485 -0.0485 -0.0495 -0.0495 -0.0104 -0.0172 -0.0736 -0.0104 -0.0104 -0.0107 -0.0083 -0.0104 -0.0104 -0.0105 -0.005 -0	0.0041 -0.0069 -0.0478 -0.1362 -0.1393 -0.1293 -0.1754 -0.1370 -0.1370 -0.0414 -0.0448 -0.0400 -0.0237 -0.01616 -0.1552 -0.1565 -0.1565 -0.1565 -0.1565 -0.1565 -0.1565 -0.1565	0.0133 0.0110 -0.0892 -0.1222 -0.2129 -0.2997 -0.2808 -0.3005 LT=6 0.3329 0.1972 -0.0214 -0.0148 0.0041 0.1323 0.1818 0.3018
May Jun Jul Aug Sep Oct Nov Dec BS-act-75 Jan Feb Mar Apr May Jun Jul Aug Sep Oct	0.7330 0.7380 0.6670 0.6270 0.6010 0.6330 0.6180 0.6350 LT=1 0.8330 0.7930 0.7670 0.7670 0.8430 0.8430 0.8430 0.8670 0.8670 0.8000	0.7330 0.7450 0.7170 0.6360 0.6330 0.6330 0.6540 LT=2 0.8420 0.8000 0.7590 0.7430 0.7940 0.8200 0.8500 0.8500	0.7340 0.7020 0.6900 0.7170 0.6880 0.6870 0.6280 0.6880 0.7770 0.7730 0.7710 0.7160 0.7650 0.7450 0.7580	0.7660 0.7150 0.7210 0.7320 0.7320 0.7630 0.7630 0.7630 0.7570 0.7570 0.7570 0.7590 0.7130 0.6670 0.6670 0.6620	0.7370 0.7300 0.7330 0.7340 0.7540 0.7600 0.7840 0.8050 0.7000 0.7000 0.7040 0.7340 0.7550 0.6560 0.5760 0.5330 0.5230	0.7420 0.7190 0.7450 0.7650 0.8110 0.8530 0.8440 LT=6 0.4790 0.5700 0.6670 0.6670 0.6360 0.6670 0.4350 0.4350	May Jun Jul Aug Sep Oct Nov Dec BSS-act-75 Jan Feb Mar Apr May Jun Jul Aug Sep Oct	0.0214 0.0378 0.1095 0.1825 0.2164 0.2964 0.1569 0.1337 LT=1 -0.1364 -0.0517 -0.0013 -0.0073 -0.0023 -0.1444 -0.1764 -0.2778	0.0027 0.0287 0.0311 0.1080 0.1168 0.1281 0.0691 0.1078 LT=2 -0.1630 -0.0840 0.0117 -0.0132 -0.0027 -0.0863 -0.0581 -0.1518 -0.1235 -0.1235	0.0000 0.0475 0.0129 0.0028 -0.0029 0.0432 0.1229 0.0234 -0.1571 -0.0938 -0.0237 0.0000 -0.0082 0.0219 -0.1337 -0.0566 -0.0735	-0.0422 0.0124 -0.0315 -0.1171 -0.0796 -0.0513 -0.0621 -0.0438 -0.0438 -0.0485 -0.0249 -0.0175 -0.0083 -0.0172 -0.0736	0.0041 -0.0069 -0.1362 -0.1362 -0.1930 -0.1293 -0.1754 -0.1370 -0.1610 -0.0448 -0.0100 -0.0237 -0.0144 -0.052 -0.15	0.0133 0.0110 -0.0892 -0.1222 -0.2129 -0.2808 -0.3005 LT=6 0.3329 0.1972 -0.0214 -0.0148 0.0041 0.1323 0.1818 0.3182 0.2901
May Jun Jul Aug Sep Oct Nov Dec BS-act-75 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov	0.7330 0.7380 0.6670 0.6270 0.6010 0.6330 0.6180 0.6350 LT=1 0.8330 0.7630 0.7670 0.7670 0.8670 0.8670 0.8670	0.7330 0.7450 0.7177 0.6360 0.6430 0.6330 0.6330 0.6540 LT=2 0.8420 0.8000 0.7590 0.7677 0.7430 0.7940 0.8500 0.8500 0.8500 0.8610 0.8610	0.7340 0.7020 0.6900 0.7170 0.6880 0.6880 0.6880 0.6880 0.6880 0.7970 0.7930 0.7970 0.7530 0.7450 0.7800 0.7680 0.7680 0.7680 0.7680	0.7660 0.7150 0.7210 0.7440 0.7320 0.7170 0.7630 0.6990 LT=4 0.7240 0.7570 0.7570 0.7400 0.7570 0.7400 0.6670 0.6670 0.6670	0.7370 0.7330 0.7330 0.7340 0.7640 0.7640 0.8050 LT=5 0.6200 0.7040 0.7340 0.7350 0.6560 0.5760 0.5760 0.5230 0.4960	0.7420 0.7190 0.7190 0.7070 0.7070 0.8110 0.8530 0.8440 LT=6 0.4790 0.6670 0.6670 0.6360 0.5670 0.4350 0.4380 0.4380 0.4380	May Jun Jul Aug Sep Oct Nov Dec BSS-act-75 Jan Feb Mar Apr May Jun Aug Sep Oct Nov Nov Nov Nov	0.0214 0.0378 0.1095 0.1825 0.2164 0.0996 0.1569 0.1337 LT=1 -0.1364 -0.0517 -0.0013 -0.0079 -0.0423 -0.0423 -0.0423 -0.1144 -0.1764 -0.278	0.0027 0.0287 0.0311 0.1080 0.1188 0.1281 0.0691 0.1078 LT=2 -0.1630 -0.0840 -0.0840 -0.0840 -0.0581 -0.0581 -0.1235 -0.1730	0.0000 0.0475 0.0129 0.0028 -0.0029 0.0432 0.1229 0.0234 LT=3 -0.1571 -0.0938 -0.0237 -0.0020 -0.0032 -0.0037 -0.0036 -0.0036 -0.0036 -0.0036 -0.0036 -0.0036 -0.0036 -0.0036 -0.0036 -0.0036	-0.0422 0.0124 -0.0315 -0.1171 -0.0513 -0.0671 -0.0237 -0.0485 -0.0485 -0.0495 -0.0495 -0.0104 -0.0172 -0.0736 -0.0104 -0.0104 -0.0107 -0.0083 -0.0104 -0.0104 -0.0105 -0.005 -0	0.0041 -0.0069 -0.0478 -0.1362 -0.1393 -0.1293 -0.1754 -0.1370 -0.1370 -0.0414 -0.0448 -0.0400 -0.0237 -0.01616 -0.1552 -0.1565 -0.1565 -0.1565 -0.1565 -0.1565 -0.1565 -0.1565	0.0133 0.0110 -0.0892 -0.1222 -0.2129 -0.2997 -0.2808 -0.3005 LT=6 0.3329 -0.0214 -0.0148 0.0041 0.1323 0.1818 0.3182 0.2901 0.2441 0.2441
May Jun Jul Aug Sep Oct Nov Dec BS-act-75 Jan Feb Mar Apr May Jul Jul Jul Jul Jul Jul Jul Jul Jul Dec Dec Dec	0.7330 0.7380 0.6670 0.6270 0.6010 0.6330 0.6180 0.7630 0.7630 0.7680 0.7670 0.7670 0.8640 0.8130 0.8670	0.7330 0.7450 0.7450 0.6360 0.6430 0.6330 0.6540 LT=2 0.8420 0.8000 0.7550 0.7670 0.8200 0.8200 0.8370 0.8610 0.8610	0.7340 0.7020 0.6900 0.7170 0.6880 0.6870 0.6280 0.6680 0.7770 0.7790 0.7750 0.77650 0.7450 0.7580 0.7580 0.7580	0.7660 0.7150 0.7210 0.7440 0.7320 0.7170 0.7630 0.6990 LT=4 0.7240 0.7380 0.7570 0.7600 0.7600 0.7600 0.7600 0.7600 0.7600 0.7600 0.6600 0.6830	0.7370 0.7300 0.7340 0.7540 0.7600 0.7800 0.8050 0.7000 0.7040 0.7340 0.7340 0.7340 0.7550 0.5560	0.7420 0.7190 0.7450 0.7070 0.7520 0.8110 0.8530 0.8440 0.5700 0.6670 0.6670 0.7270 0.66870 0.7270 0.4350 0.4380 0.4380 0.4380	May Jun Jul Aug Sep Oct Nov Dec BSS-act-75 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec	0.0214 0.0378 0.1095 0.1825 0.2164 0.0996 0.1539 0.1539 0.1539 0.1537 -0.0517 -0.0013 -0.0073 -0.0023 -0.1444 -0.278 -0.1828	0.0027 0.0287 0.0311 0.1080 0.1168 0.1281 0.0691 0.1078 LT=2 -0.1630 -0.0840 0.0117 -0.0827 -0.0827 -0.0830 -0.0581 -0.1235 -0	0.0000 0.0475 0.0129 0.0028 0.0028 0.0032 0.1229 0.0234 LT=3 0.1571 0.0038 0.0037 0.0000 0.0031 0.0036 0.0035 0.0036 0.0036 0.0036 0.0036 0.0036 0.0036 0.0036 0.0036	-0.0422 -0.0124 -0.0315 -0.1171 -0.0796 -0.0513 -0.0671 -0.0237 -0.0438 -0.0438 -0.0448 -0.0249 -0.0175 -0.0083 -0.0172 -0.0504 -0.050	0.0041 -0.0069 -0.0478 -0.1362 -0.1362 -0.1754 -0.1370 -0.1564 -0.0100 -0.0237 -0.0144 -0.0100 -0.0237 -0.0144 -0.0155 -0.1565 -0.1565 -0.1565 -0.2114 -0.152 -0.202	0.0133 0.0110 -0.0892 -0.1222 -0.1222 -0.2129 -0.2997 -0.2808 -0.3005 -0.3329 0.1972 -0.0214 -0.0148 -0.0041 -0.3182 -0.3182 -0.305
May Jun Jul Jun Jul Aug Sep Oct Nov Dec BS-act-75 Jan Feb Mar Apr May Jul Jul Jul Jul Jul Sep Oct Nov Dec BS-ATT-25	0.7330 0.7330 0.6670 0.6270 0.6010 0.6330 0.6350 LT=1 0.8330 0.7930 0.7670 0.7670 0.8670 0.8670 0.8670	0.7330 0.7450 0.7470 0.6360 0.6430 0.6330 0.6330 0.6540 LT=2 0.8420 0.8000 0.7590 0.7670 0.7430 0.8200 0.8500 0.8500 0.8610	0.7340 0.7020 0.6900 0.7170 0.6880 0.6880 0.6880 0.6880 0.7770 0.7930 0.7770 0.7530 0.7410 0.7650 0.7650 0.7550 0.7550 0.75950	0.7660 0.7150 0.7150 0.7210 0.7440 0.7320 0.7170 0.7630 0.6990 LT=4 0.7240 0.7380 0.7570 0.7400 0.7590 0.7400 0.7630 0.6670 0.6300 0.6670 0.6300 0.6830	0.7370 0.7300 0.7340 0.7544 0.7600 0.7840 0.8050 0.8050 0.7040 0.7040 0.7340 0.7340 0.5560 0.5390 0.5390 0.5390 0.5560	0.7420 0.7190 0.7450 0.7070 0.7520 0.8110 0.8530 0.8440 LT=6 0.4790 0.6670 0.6670 0.6670 0.4350 0.4350 0.4360 0.4360 0.4360 0.4480	May Jun Jul Aug Sep Oct Nov Dec BSS-act-75 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec	0.0214 0.0378 0.1095 0.1825 0.1825 0.2164 0.0996 0.1569 0.1337 LT=1 -0.1364 -0.0517 -0.0013 -0.0079 -0.0323 -0.1444 -0.1764 -0.1278 -0.1828 -0.1828	0.0027 0.0287 0.0311 0.1080 0.1188 0.1281 0.0691 0.1078 LT=2 -0.1630 -0.0840 0.0117 -0.0832 -0.0853 -0.1518 -0.1235 -0.1730 -0.1811 -0.2195 LT=2	0.0000 0.0475 0.0129 0.0028 0.0029 0.0432 0.1229 0.0234 -0.0237 -0.033 -0.0237 -0.033 -0.0237 -0.0566 -0.0735 -0.1055 -0.1058	-0.0422 0.0124 -0.0315 -0.1171 -0.0513 -0.0671 0.0237 LT=4 -0.0343 -0.0485 -0.0249 -0.0249 -0.0249 -0.075 0.0083 -0.0172 0.0736 0.0509 0.0707	0.0041 -0.0069 -0.0478 -0.1362 -0.1393 -0.1293 -0.1754 -0.1370 -0.1370 -0.0148 -0.0100 -0.0237 -0.0014 -0.052 -0.1552 -0.1552 -0.1552 -0.1512 -0.2202	0.0133 0.0110 -0.0892 -0.1222 -0.2129 -0.2997 -0.2808 -0.3005 LT=6 0.3329 -0.0214 -0.0148 0.0041 0.1323 0.2901 0.1818 0.3182 0.2901 0.2864 0.2855
May Jun Jul Aug Sep Oct Nov Dec BS-act-75 Jin Feb Mar Apr May Jul Jul Aug BS-act-75 Jon Dec BS-AT-25 Jon Dec	0.7330 0.7390 0.6670 0.6670 0.6010 0.6330 0.6180 0.6350 0.7930 0.7930 0.7670 0.8670 0.8670 0.8670 0.8670	0.7330 0.7450 0.7450 0.7170 0.6360 0.6430 0.6330 0.6330 0.6540 LT=2 0.8420 0.8000 0.7590 0.7430 0.8200 0.8500 0.8500 0.8500 0.8500 0.8610 0.8610 0.8610	0.7340 0.7020 0.7020 0.7170 0.6890 0.6880 0.6870 0.6280 0.6680 0.7930 0.7770 0.7530 0.7410 0.7800 0.7650 0.7650 0.7650 0.7650 0.7650	0.7660 0.7150 0.7150 0.7210 0.7440 0.7320 0.7170 0.6990 LT=4 0.7240 0.7380 0.7570 0.7570 0.7670 0.6300 0.7590	0.7370 0.7300 0.7300 0.7340 0.7540 0.7600 0.7800 0.8050 LT=5 0.6200 0.7000 0.7040 0.7340 0.7550 0.5760 0.5760 0.5760 0.5760 0.5760 0.5760 0.5590 0.5390 0.5390 0.5390 0.5390 0.5391	0.7420 0.7190 0.7590 0.7070 0.7520 0.8110 0.8530 0.8440 LT=6 0.5700 0.6670 0.6670 0.66870 0.7270 0.66870 0.4380 0.4380 0.4380 0.4380 0.4380 0.4380	May Jun Jul Aug Sep Oct Nov Dec BSS-act-75 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Rov Dec BSS-act-75 Jan Feb Mar Apr Mar Apr May Jun Jul Aug Sep Oct Nov Dec	0.0214 0.0378 0.1095 0.1825 0.2164 0.0996 0.1569 0.1337 LT=1 -0.1364 -0.0517 -0.0013 -0.0073 -0.0023 -0.0423 -0.1444 -0.1764 -0.2778 -0.1828 -0.1828	0.0027 0.0287 0.0311 0.1080 0.1168 0.1281 0.0691 0.1078 LT=2 -0.1630 -0.0840 0.0117 -0.083 -0.0027 -0.0027 -0.0581 -0.1235 -0.	0.0000 0.0475 0.0475 0.0129 0.0028 0.0029 0.0432 0.1229 0.0234 LT=3 -0.1571 -0.0389 -0.0237 -0.0566 -0.0369 -0.0369 -0.0369 -0.0369 -0.10855 -0.10888 LT=3	-0.0422 -0.0124 -0.0315 -0.1171 -0.0793 -0.0513 -0.0671 -0.0237 -0.0438 -0.0438 -0.0485 -0.0249 -0.0775 -0.0083 -0.0104 -0.0772 -0.0772 -0.0774 -0.0774 -0.0774 -0.0774 -0.0774 -0.0774	0.0041 -0.0069 -0.0478 -0.1362 -0.1362 -0.1293 -0.1576 -0.1370 -0.1448 -0.0010 -0.0448 -0.0010 -0.0237 -0.0144 -0.0100 -0.0237 -0.0144 -0.0100 -0.0237 -0.0144 -0.01552 -0.1565 -0.2114 -0.1512 -0.2202	0.0133 0.0110 -0.0692 -0.1222 -0.2129 -0.2997 -0.3005
May Jun Jul Jun Jul Aug Sep Oct Nov Dec BS-act-75 Jan Feb Mar Apr May Jun Jul Jul Jul Jul Jul Jul Jul Sep Oct Nov Dec	0.7330 0.7330 0.6670 0.6270 0.6010 0.6330 0.6350 LT=1 0.8330 0.7930 0.7670 0.8040 0.8130 0.8670 0.8670	0.7330 0.7456 0.7456 0.7456 0.7177 0.6360 0.6433 0.6333 0.6540 LT=2 0.8000 0.7599 0.7670 0.8200 0.8370 0.8610 0.8610 LT=2 0.000	0.7340 0.7690 0.6890 0.7170 0.6880 0.6870 0.6820 0.6680 LT=3 0.8100 0.7930 0.7710 0.7530 0.7450 0.7680 0.7690 0.7950 0.7590 0.7590 0.7590 0.7590 0.7590 0.7590 0.7590	0.7660 0.7150 0.7450 0.7210 0.7320 0.7320 0.7170 0.7630 0.6990 LT=4 0.7240 0.7380 0.7570 0.7400 0.7570 0.7400 0.6670 0.6670 0.6620 0.6830 LT=4 13.33	0.7370 0.7300 0.7300 0.7340 0.7540 0.7600 0.7844 0.8050 LT=5 0.6200 0.7004 0.7340 0.7540 0.7560 0.5760 0.5760 0.5760 0.5390 0.5530 0.5560 LT=5 14.311 12.85	0.7420 0.7190 0.7520 0.8530 0.8530 0.8440 LT=6 0.4790 0.5700 0.6870 0.6870 0.6970 0.4350 0.4360 0.4360 0.4360 0.4360 0.4480	May Jun Jul Aug Sep Oct Nov Dec BSS-act-75 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec	0.0214 0.0378 0.1095 0.1825 0.1826 0.264 0.0996 0.1337 LT=1 -0.1364 -0.0517 -0.0013 -0.0079 -0.0423 -0.0482 -0.1764 -0.1764 -0.1828 -0.1828 LT=1 12.00 8.70	0.0027 0.0287 0.0287 0.0311 0.1080 0.1168 0.1281 0.0691 0.1078 0.0840 0.0117 0.	0.0000 0.0475 0.0129 0.0028 0.0029 0.0432 0.0229 0.0432 0.0234 LT=3 -0.1571 -0.0938 -0.0237 0.0000 -0.0028 -0.01337 -0.055 -0.1088 LT=3 -0.668 8.70	-0.0422 -0.0124 -0.0315 -0.1171 -0.0796 -0.0513 -0.0671 -0.0237 -0.0438 -0.0438 -0.0498 -0.0249 -0.0175 -0.0083 -0.0104 -0.0796 -0.0796 -0.0796 -0.0797 -0.0796 -0.0797 -0.0797 -0.0797 -0.0797	0.0041 -0.0069 -0.0478 -0.1362 -0.1390 -0.1293 -0.1293 -0.1514 -0.1370 -0.0414 -0.0190 -0.0237 -0.0144 -0.0190 -0.052 -0.1552 -0.1561 -0.2202 -0.1561 -0.2202 -0.1561 -0.2202	0.0133 0.01101 -0.0892 -0.1222 -0.2129 -0.2997 -0.2808 -0.3005
May Jun Jul Aug Sep Oct Nov Dec BS-act-75 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Sep Oct Nov Dec BS-act-75 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec	0.7330 0.7330 0.6870 0.6270 0.6270 0.6330 0.6330 0.6380 0.7530 0.7680 0.7670 0.8040 0.8670 0.8670 0.8670 0.8670 0.8670 0.8670 0.8670 0.8670 0.8670 0.8670 0.8670 0.8670	0.7330 0.7450 0.7450 0.7170 0.6360 0.6430 0.6330 0.6530 0.6540 LT=2 0.8000 0.7590 0.7670 0.7430 0.8200 0.8370 0.8610 0.8610 0.8610 0.8610 0.000	0.7340 0.7020 0.6900 0.7170 0.7180 0.6820 0.6820 0.6820 0.6820 0.6820 0.6820 0.6820 0.6820 0.6820 0.6820 0.6820 0.7770 0.7750 0.7750 0.7450 0.7450 0.7450 0.7550 0.7450 0.7550 0.7550 0.7550 0.7550 0.7550 0.7550 0.7550 0.7550 0.7550 0.7550	0.7660 0.7150 0.7210 0.7210 0.7400 0.7320 0.7170 0.6990 LT=4 0.7240 0.7570 0.7400 0.7320 0.7630 0.6660 0.6830 LT=4 13.33 0.666	0.7370 0.7300 0.7300 0.7230 0.7540 0.7600 0.7600 0.8050 LT=5 0.6200 0.7040 0.7040 0.7340 0.7340 0.7590 0.5560 0.5390 0.5560 LT=5 14.31 12.85	0.7420 0.7190 0.7450 0.7650 0.8530 0.8810 0.8530 0.8440 LT=6 0.4790 0.6670 0.6670 0.6360 0.7270 0.4350 0.4320 0.4320 0.4320 0.4320 0.4320 0.4320 18.1	May Jun Jul Aug Sep Oct Nov Dec BSS-act+75 Jan Feb Mar Apr May Jul Aug Sep Oct Nov Dec	0.0214 0.0278 0.1095 0.1825 0.2164 0.0966 0.1569 0.1337 LT=1 -0.1364 -0.0517 -0.0013 -0.0079 -0.0323 -0.0462 -0.1444 -0.278 -0.1828 LT=1 -0.1828 -0.1828 -0.1828 -0.1828 -0.1844 -0.1874 -0.4828 -0.1848 -0.	0.0027 0.0287 0.0287 0.0311 0.1080 0.1168 0.1281 0.0691 0.1078 LT=2 -0.1630 -0.0840 -0.0132 -0.0027 -0.0830 -0.0681 -0.1235 -0.1730 -0.1811 -0.2195 LT=2 13.94 8.333 4.588	0.0000 0.0475 0.0129 0.0028 0.0028 0.0029 0.0432 0.0234 LT=3 -0.1571 -0.0938 -0.0237 0.0000 -0.0082 0.0219 -0.1337 -0.0056 -0.0735 -0.1088 LT=3 10.66 8.70	-0.0422 -0.0124 -0.0315 -0.1171 -0.0796 -0.0513 -0.0627 -0.0343 -0.0438 -0.0438 -0.0438 -0.0438 -0.0495 -0.0775 -0.0736 -0.0707 -0.0736 -0.0707 -0.0736 -0.0707 -0.0736 -0.0707 -0.0736 -0.0707 -0.0736 -0.0707 -0.0736 -0.0707 -0.0736 -0.0707 -0.0736 -0.0707 -0.0736 -0.0707 -0.0736 -0.0707 -0.	0.0041 -0.0069 -0.0478 -0.1362 -0.1362 -0.1370 -0.1293 -0.1370 -0.1610 -0.0448 -0.0100 -0.0237 -0.01610 -0.052 -0.1565	0.0133 0.0110 -0.0892 -0.1222 -0.2129 -0.2997 -0.2808 -0.3005 LT=6 0.3329 0.1972 -0.0214 -0.0148 0.0041 -0.1323 0.1818 0.03182 0.2901 0.2441 0.2855 LT=6 24.81 12.50 6.41
May Jun Jul Aug Sep Oct Nov Dec BS-act-75 Jan Feb Mar Aug Jul Jul Jul Jul Jul Jul Jul Jul Jul Sep Oct Nov Dec BS-ATT-25 Jan Feb Mar Ar Ar May Jan Aug Feb Mar Ar Ar Ar Ar May Jan Aug Feb Mar Ar	0.7330 0.7330 0.6670 0.66270 0.66270 0.6010 0.6330 0.6330 0.6330 0.7630 0.7630 0.7650 0.7670 0.7670 0.8670 0.8670 0.8670 0.8670	0.7330 0.7450 0.7450 0.7450 0.7170 0.6360 0.6433 0.6330 0.6540 LT=2 0.8420 0.8000 0.7590 0.7670 0.7430 0.7940 0.8500 0.8500 0.8610 0.8610 LT=2 0.000 0.000	0.7340 0.7690 0.7690 0.7690 0.7680 0.6880 0.6870 0.6880 0.6880 0.6890 0.7930 0.7770 0.7530 0.7740 0.7530 0.7650 0.7450 0.7650 0.7550	0.7660 0.7150 0.7210 0.7340 0.7320 0.7170 0.7320 0.7170 0.7630 0.6990 LT=4 0.7240 0.7380 0.6570 0.7400 0.7570 0.7400 0.6520 0.66300 0.6830 0.6830 0.6170 0.6200 0.6000	0.7370 0.7300 0.7300 0.7300 0.7340 0.7600 0.7600 0.8050 0.7000 0.7000 0.7040 0.7340 0.7540 0.7560 0.5560 0.5560 0.5560	0.7420 0.7190 0.7450 0.7070 0.7520 0.8110 0.8530 0.8440 LT=6 0.4790 0.6670 0.6870 0.6360 0.4350 0.4350 0.4360	May Jun Jul Aug Sep Oct Nov Dec BSS-act-75 Jan Feb Mar Apr Apr Sep Oct Nov Dec BS-A/T-75 Jan Aug Sep Oct Nov Dec BS-A/T-75 Jan Aug Apr Apr Apr Apr	0.0214 0.0378 0.1095 0.1825 0.1826 0.2164 0.0996 0.1559 0.1337 LT=1 -0.1364 -0.0517 -0.0013 -0.0079 -0.0323 -0.144 -0.1764 -0.1828 -0.1828 LT=1 12.000 8.70 4.48	0.0027 0.0287 0.0287 0.0311 0.1080 0.1168 0.1281 0.1091 0.	0.0000 0.0475 0.0129 0.0028 0.0029 0.0432 0.0234 -0.1229 0.0234 -0.1571 -0.0938 -0.0237 0.0000 -0.0082 0.0219 -0.0139 -0.1055 -0.1058 -0.1055 -0.1088	-0.0422 -0.0124 -0.0315 -0.1171 -0.0796 -0.0513 -0.0671 -0.0237 -0.0438 -0.0438 -0.0495 -0.0249 -0.0575 -0.0083 -0.0172 -0.0736 -0.0559 -0.0707	0.0041 -0.0069 -0.0478 -0.1362 -0.1390 -0.1293 -0.1293 -0.1370 -0.1610 -0.0418 -0.0100 -0.0237 -0.0164 -0.0552 -0.1565 -0.2114 -0.1512 -0.2202 -0.1616 -0.1552 -0.1616	0.0133 0.01101 -0.0892 -0.1222 -0.2129 -0.2997 -0.2908 -0.3005 -0.3005 -0.3005 -0.3005 -0.3005 -0.3005 -0.3005 -0.3005 -0.3005 -0.3005 -0.3005 -0.3005 -0.3005 -0.3005 -0.3005 -0.3005 -0.3005 -0.3005 -0.3005 -0.2441 -0.2864 -0.2855 -0.2441 -0.2864 -0.2855 -0.441 -0.2864 -0.2855 -0.441 -0.2864 -0.2855 -0.441 -0.2864 -0.2855 -0.441 -0.2864 -0.2855 -0.441 -0.2864 -0.2855 -0.441 -0.2864 -0.2855 -0.441 -0.2864 -0.2855 -0.441 -0.2901 -0.441 -0.2901
May Jun Jul Jun Jul Sep Oct Nov Dec BS-act-75 Jan Feb Mar Mar May Jun Jul Aug Sep Oct Sep Oct Sep Oct Sep Oct Sep Oct Sep Oct Mar Apr Mar Apr May Jun Jul Jul Aug Sep Oct Nov Dec BS-AT7-25 Jan Feb Mar Apr Mar Apr Mar Mar Apr Mar Mar Mar Mar Mar Mar Mar May Mar Mar Mar Mar Mar Mar Mar May May Mar Mar Mar May May Mar May May May Mar May	0.7330 0.7330 0.6670 0.6270 0.6010 0.6330 0.6380 0.6380 0.6380 0.7680 0.7680 0.7670 0.7670 0.8670	0.7330 0.7450 0.7450 0.7170 0.6366 0.6430 0.6330 0.6540 LT=2 0.8420 0.7590 0.7670 0.7430 0.7590 0.7690	0.7340 0.7320 0.6900 0.6900 0.6870 0.6880 0.6870 0.6880 0.6870 0.7177 0.7170 0.7530 0.7750 0.7750 0.7750 0.7750 0.7750 0.7550 0.7450 0.7650	0.7660 0.7150 0.7210 0.7210 0.7240 0.7320 0.7630 0.6990 LT=4 0.7240 0.7320 0.7570 0.6300 0.7570 0.6300 0.6670 0.66830 LT=4 13.33 0.666 0.166 0.166 0.15	0.7370 0.7300 0.7300 0.7230 0.7540 0.7600 0.7600 0.7600 0.7600 0.7040 0.7040 0.7040 0.7520 0.6560 0.5390 0.5560 LT=5 14.31 12.85 4.11 0.43	0.7420 0.7190 0.7450 0.7650 0.8530 0.8810 0.8530 0.8440 LT=6 0.4790 0.6670 0.6670 0.7270 0.4350 0.4350 0.4360 0.4360 0.4480 LT=6 18.10 12.55 13.15 6.40 2.35	May Jun Jul Aug Sep Oct Nov Dec BSS-act-75 Jan Feb Mar Apr May Jul Aug Sep Oct Sep Oct Sep Oct Nov Dec BSS-AT-75 Jan Feb Mar Apr May Jul Aug Sep Oct Nov Dec	0.0214 0.0278 0.1095 0.1825 0.2164 0.096 0.1569 0.1337 LT=1 -0.1364 -0.0517 -0.0013 -0.0452 -0.1144 -0.278 -0.1828 -0.1828 -0.1828 -0.1828 -0.1828 -0.4484 -0.457 -0.457 -0.4	0.0027 0.0287 0.0311 0.1080 0.1168 0.1281 0.1078 0.1078 1.722 -0.1630 0.0117 -0.0132 -0.0803 -0.0803 -0.0803 -0.0803 -0.0803 -0.1281 -0.0803 -0.0803 -0.0803 -0.0803 -0.1281 -	0.0000 0.0475 0.0129 0.0023 0.0023 0.0234 LT=3 -0.1571 -0.0237 -0.0237 -0.0237 -0.0566 -0.0369 -0.0369 -0.0369 -0.0369 -0.0369 -0.1085 -0.1086 -0.1086 -0.1086 -0.1086 -0.1086 -0.1086 -0.1086 -0.1086 -0.1086 -0.1086 -0.1086 -0.1086 -0.1086 -0.1086 -0.1086	-0.0422 -0.0124 -0.0315 -0.1171 -0.1171 -0.0671 -0.0671 -0.0633 -0.0485 -0.0485 -0.0249 -0.0249 -0.0172 -0.0504 -0.050	0.0041 -0.0069 -0.0478 -0.1362 -0.1362 -0.1362 -0.1370 -0.1293 -0.1574 -0.1610 -0.0448 -0.0100 -0.0237 -0.0014 -0.0552 -0.1565 -0.2114 -0.1552 -0.2022 -7.40 -0.554 -0.69 -0.100 -0.0000 -0.000	0.0133 0.0110 -0.0892 -0.1222 -0.2297 -0.2808 -0.3005
May Jun Jul Aug Sep Oct Nov Dec BS-act-75 Jan Feb Mar App May Jul Jul Aug Sep Oct Nov Dec BS-ATT-25 Jan Feb Mar Ar May Jun	0.7330 0.7330 0.6670 0.66270 0.66270 0.66270 0.66100 0.6350 LT=1 0.8330 0.7680 0.7670 0.7670 0.7670 0.8640 0.8130 0.8670 0.8670 0.8670 0.000 0.000 0.000	0.7330 0.7450 0.7450 0.7450 0.7170 0.6360 0.6430 0.6330 0.6540 LT=2 0.8420 0.8000 0.7530 0.7670 0.8100 0.8500 0.8610 LT=2 0.000 0.000 0.000 0.000	0.7340 0.7690 0.6900 0.6900 0.6870 0.6880 0.6880 0.6880 0.6880 0.6880 0.7790 0.7770 0.7770 0.7770 0.7770 0.7770 0.7790 0.7530 0.7410 0.7650 0.7650 0.7650 0.7650 0.7650 0.7650 0.000 0.000 0.000 0.000	0.7660 0.7150 0.7210 0.7210 0.7440 0.7320 0.7630 0.6990 LT=4 0.7240 0.7320 0.6990 0.7570 0.7630 0.6900 0.7590 0.7400 0.7290 0.7400 0.6200 0.6620 0.6660 0.6830 LT=4 13.333 0.666 0.16 0.15 0.15 0.197	0.7370 0.7370 0.7300 0.7230 0.7340 0.7540 0.7640 0.8050 0.7840 0.8050 0.7040 0.7040 0.7040 0.7340 0.7250 0.5530 0.5530 0.5530 0.5560 0.5760 0.7040 0.7340 0.4960 0.5330 0.5560	0.7420 0.7190 0.7450 0.7650 0.7670 0.7520 0.8110 0.8530 0.8440 0.5700 0.6670 0.6670 0.6670 0.6670 0.4360 0.	May Jun Jul Aug Sep Oct Nov Dec BSS-act-75 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Mar Apr Feb Mar Apr Feb Mar Apr Feb Nov Dec BSS-A/T-75 Jan Feb Mar Aug Sep Oct Nov Dec Mar Aug Sep Oct Nov Dec Jan May Jun	0.0214 0.0378 0.1095 0.1825 0.2164 0.096 0.1569 0.1337 LT=1 -0.1364 -0.0517 -0.0013 -0.0079 -0.023 -0.0423 -0.1428 -0.1828 -0.1828 LT=1 12.00 8.70 4.48 4.35 4.38 8.84	0.0027 0.0287 0.0287 0.0311 0.1080 0.1168 0.1281 0.1091 0.1078 LT=2 -0.1630 -0.0840 0.0117 -0.0827 -0.0830 -0.0841 -0.0133 -0.0581 -0.1235 -0.	0.0000 0.0475 0.0129 0.0028 -0.0028 -0.0029 0.0234 LT=3 -0.1571 -0.0938 -0.0237 -0.0082 -0.0039 -0.0039 -0.0082 -0.00	-0.0422 -0.0124 -0.0315 -0.0171 -0.0796 -0.0513 -0.0671 -0.0237 -0.0343 -0.0485 -0.0485 -0.0243 -0.0175 -0.0083 -0.0104 -0.0736 -0.0513 -0.0736 -0.0736 -0.0736 -0.0736 -0.0513 -0.0736 -0.0513 -0.0513 -0.0736 -0.0513 -0.051	0.0041 -0.0069 -0.0478 -0.1362 -0.1362 -0.1390 -0.1293 -0.1754 -0.1370 -0.1610 -0.0448 -0.0100 -0.0237 -0.0014 -0.1562 -0.1565	0.0133 0.0110 -0.0892 -0.1292 -0.2129 -0.2937 -0.2808 -0.3005
May Jun Jul Aug Sep Oct Nov Dec BS-act-75 Jinn Mar May Jul Jul Aug BS-act-75 Jinn Feb Mar Aug Sep Oct Mar Aug BS-act-75 Jul Jul Jul Jul Aug Sep Oct Nov Dec	0.7330 0.7330 0.6670 0.66270 0.6010 0.6330 0.6350 LT=1 0.8330 0.7680 0.7680 0.7670 0.7670 0.8670 0.8670 0.8670 0.8670 0.8670 0.8670 0.000 0.000 0.000 0.000 0.000 0.000	0.7330 0.7450 0.7150 0.7170 0.6366 0.6430 0.6330 0.6540 LT=2 0.8420 0.8000 0.7590 0.7590 0.7430 0.7690 0.8500 0.8500 0.8610 0.8610 0.8610 0.800 0.000 0.000 0.000 0.000 0.000 0.000	0.7340 0.7690 0.6900 0.6900 0.6870 0.6880 0.6870 0.6880 0.6880 0.6880 0.6880 0.6880 0.6880 0.6880 0.7770 0.7710 0.7710 0.7750 0.7550 0.7410 0.7650 0.7550 0.7590 0.7050 0.000 0.000 0.000 0.000 0.008	0.7660 0.7150 0.7210 0.7210 0.7420 0.7320 0.7170 0.6990 LT=4 0.7240 0.7530 0.6990 0.7530 0.6990 0.7530 0.7570 0.6300 0.7570 0.6300 0.6670 0.6830 0.6830 0.6860 0.6830 0.6800 0.6830 0.6860 0.6830 0.6860 0.6850 0.6	0.7370 0.7370 0.7300 0.7230 0.7230 0.7540 0.7600 0.7600 0.7600 0.7600 0.7040 0.7040 0.7040 0.7520 0.6560 0.5390 0.5560 LT=5 14.31 12.85 4.11 0.43 0.455 6.40	0.7420 0.7190 0.7450 0.7090 0.7520 0.8110 0.8530 0.8440 LT=6 0.4790 0.6670 0.6670 0.7270 0.6680 0.4390 0.4520 0.4360 0.4480 LT=6 18.10 12.55 13.15 6.40 2.355 7.25 23.36	May Jun Jul Aug Sep Oct Nov Dec BSS-act-75 Jan Feb Mar Apr May Jun Jul Aug Sep Oct May Jun Jul Aug Sep Oct May Jun Jul Aug Sep Oct Nov Dec	0.0214 0.0378 0.1095 0.1825 0.2164 0.096 0.1569 0.1337 LT=1 -0.1364 -0.0517 -0.0013 -0.0023 -0.1444 -0.278 -0.1828 -0.1828 -0.1828 -0.1828 -0.1828 -0.1828 -0.1828 -0.1828 -0.1828 -0.1828 -0.1828 -0.1828 -0.1828 -0.1828	0.0027 0.0287 0.0311 0.1080 0.1168 0.1281 0.06931 0.1078 ULT=2 -0.1630 -0.0843	0.0000 0.0475 0.0129 0.0029 0.0028 -0.0029 0.0452 0.0234 -0.0566 -0.0039 -0.0082 -0.0082 -0.0082 -0.0188 -0.0389 -0.03	-0.0422 -0.0124 -0.0315 -0.1171 -0.1171 -0.0673 -0.0673 -0.0237 -0.0333 -0.0485 -0.0485 -0.0495 -0.0249 -0.0175 -0.0504 -0.050	0.0041 -0.0069 -0.0478 -0.1692 -0.1362 -0.1393 -0.1293 -0.1293 -0.1370 -0.1610 -0.0448 -0.0100 -0.0237 -0.0014 -0.0952 -0.1565 -0.2114 -0.1552 -0.2202 -1.564 -0.699 -1.299 -1.299 -1.299 -1.299 -1.299 -1.299 -1.299 -1.299 -1.204	0.0133 0.01101 -0.0892 -0.1222 -0.1222 -0.2997 -0.2808 -0.3005 -0.3005 -0.3005 -0.3005 -0.0214 -0.0148 -0.0041 -0.1323 -0.041 -0.1323 -0.2855 -0.2855 -0.2901 -0.2441 -0.2855 -0.2901 -0.2441 -0.2855 -0.2901 -0.2481 -0.2855 -0.2901 -0.2481 -0.2855 -0.2901 -0.2855
May Jun Jul Aug Sep Oct Nov Dec BS-act-75 Jun Mar May Jun Jul Aug BS-act-75 Jun Jul Jul Jul Jul Jul Jul Jul Jul Sep Oct Nov Dec BS-ATT-25 Jan Feb Mar Apr May Jun	0.7330 0.7330 0.6670 0.66270 0.6010 0.6330 0.6330 0.6330 0.7680 0.7680 0.7670 0.7670 0.7670 0.8040 0.8130 0.8670 0.8670 0.8670 0.000 0.000 0.000 0.000 0.000 0.000	0.7330 0.7450 0.7450 0.7450 0.6366 0.6430 0.6330 0.6330 0.6540 LT=2 0.8420 0.8000 0.7590 0.7690 0.7690 0.7690 0.8000 0.8000 0.8500 0.8610 0.8610 LT=2 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.3144 4.468	0.7340 0.7020 0.6900 0.6900 0.7177 0.6880 0.6870 0.6280 0.6860 LT=3 0.8100 0.7930 0.7770 0.7530 0.7410 0.7650 0.7650 0.7550 0.7550 0.7550 0.7590 0.7550 0.000 0.0	0.7660 0.7150 0.7210 0.7210 0.7430 0.7320 0.7630 0.6990 LT=4 0.7240 0.7380 0.7570 0.7630 0.6990 LT=4 0.7240 0.7380 0.7570 0.7640 0.7290 0.6670 0.6830 0.6170 0.6830 LT=4 13.33 0.666 0.165 0.155 0.97 5.112 6.77	0.7370 0.7370 0.7300 0.7230 0.7340 0.7540 0.7640 0.7600 0.7840 0.8050 0.7000 0.7040 0.7040 0.7250 0.6500 0.5760 0.5390 0.5560 0.5390 0.5560 0.5390 0.5560 0.5390 0.5560	0.7420 0.7190 0.7450 0.7620 0.7620 0.8110 0.8530 0.8440 0.5700 0.6670 0.6670 0.7270 0.6670 0.7270 0.6670 0.4350 0.4350 0.4360 0.	May Jun Jul Aug Sep Oct Nov Dec BSS-act-75 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Mar Apr Feb Mar Apr Feb Mar Apr Feb Nov Dec BSS-A/T-75 Jan Feb Mar Aug Sep Oct Nov Dec Mar Aug Sep Oct Nov Dec Jan May Jun	0.0214 0.0378 0.1095 0.1825 0.2164 0.096 0.1569 0.1337 LT=1 -0.1364 -0.0517 -0.0013 -0.0079 -0.0323 -0.1428 -0.1828 -0.1828 -0.1828 -0.1828 -0.1828 -0.1828 -0.1828 -0.1828 -0.1828 -0.1828 -0.1828 -0.1828 -0.1828 -0.1828	0.0027 0.0287 0.0311 0.1080 0.1168 0.1281 0.0691 0.1078 LT=2 -0.1630 -0.0840 0.0117 -0.0132 -0.0027 -0.0840 0.0117 -0.0133 -0.0581 -0.1235 -0.	0.0000 0.0475 0.0129 0.0237 0.0232 0.0232 0.0234 0.0237 0.0237 0.0039 0.0333 0.0237 0.0000 0.0039	-0.0422 -0.0124 -0.0315 -0.0171 -0.0796 -0.0671 -0.0237 -0.0671 -0.0237 -0.0485 -0.0485 -0.0243 -0.0485 -0.0243 -0.0736 -0.0736 -0.0736 -0.0659 -0.0707 -0.0659 -0.065	0.0041 -0.0069 -0.0478 -0.1362 -0.1362 -0.1390 -0.1293 -0.1754 -0.1370 -0.1610 -0.0448 -0.0100 -0.0237 -0.0014 -0.1562 -0.1565	0.0133 0.0110 -0.0892 -0.1292 -0.2129 -0.2808 -0.3005
May Jun Jul Jun Jul Aug Sep Oct Nov Dec BS-act-75 Jan Feb Mar Apr May Jul	0.7330 0.7330 0.6670 0.66270 0.6010 0.6330 0.6350 LT=1 0.8330 0.7680 0.7680 0.7670 0.7670 0.8670 0.8670 0.8670 0.8670 0.8670 0.8670 0.000 0.000 0.000 0.000 0.000 0.000	0.7330 0.7450 0.7150 0.7170 0.6366 0.6430 0.6330 0.6540 LT=2 0.8420 0.8000 0.7590 0.7590 0.7430 0.7690 0.8500 0.8500 0.8610 0.8610 0.8610 0.800 0.000 0.000 0.000 0.000 0.000 0.000	0.7340 0.7690 0.6900 0.6900 0.6870 0.6880 0.6870 0.6880 0.6880 0.6880 0.6880 0.6880 0.6880 0.6880 0.7770 0.7710 0.7710 0.7750 0.7550 0.7410 0.7650 0.7550 0.7590 0.7050 0.000 0.000 0.000 0.000 0.008	0.7660 0.7150 0.7210 0.7210 0.7420 0.7320 0.7170 0.6990 LT=4 0.7240 0.7530 0.6990 0.7530 0.6990 0.7530 0.7570 0.6300 0.7570 0.6300 0.6670 0.6830 0.6830 0.6860 0.6830 0.6800 0.6830 0.6860 0.6830 0.6860 0.6850 0.6	0.7370 0.7370 0.7300 0.7230 0.7230 0.7540 0.7600 0.7600 0.7600 0.7600 0.7040 0.7040 0.7040 0.7520 0.6560 0.5390 0.5560 LT=5 14.31 12.85 4.11 0.43 0.455 6.40	0.7420 0.7190 0.7450 0.7520 0.8110 0.8530 0.8440 LT=6 0.4790 0.6670 0.7270 0.6670 0.7270 0.4350 0.4350 0.4350 0.4450 0.4350 0.45	May Jun Jul Aug Sep Oct Nov Dec BSS-act-75 Jan Feb Mar Apr May Jun Jul Aug Sep Oct May Jun Jul Aug Sep Oct May Jun Jul Aug Sep Oct Nov Dec	0.0214 0.0378 0.1095 0.1825 0.2164 0.096 0.1569 0.1337 LT=1 -0.1364 -0.0517 -0.0013 -0.072 -0.01323 -0.1144 -0.278 -0.1828	0.0027 0.0287 0.0311 0.1080 0.1168 0.1281 0.06931 0.1078 ULT=2 -0.1630 -0.0843	0.0000 0.0475 0.0129 0.0029 0.0028 -0.0029 0.0452 0.0234 -0.0566 -0.0039 -0.0082 -0.0082 -0.0082 -0.0188 -0.0389 -0.03	-0.0422 -0.0124 -0.0315 -0.1171 -0.1171 -0.0673 -0.0673 -0.0237 -0.0333 -0.0485 -0.0485 -0.0495 -0.0249 -0.0175 -0.0504 -0.050	0.0041 -0.0069 -0.0478 -0.1362 -0.1362 -0.1393 -0.1293 -0.1293 -0.1370 LT=5 -0.1610 -0.0448 -0.0100 -0.0237 -0.0014 -0.0952 -0.1565 -0.2114 -0.1552 -0.2114 -0.1502 -0.202 -0.1566 -0	0.0133 0.01101 -0.0892 -0.1222 -0.2129 -0.2997 -0.2808 -0.3005 -0.3329 -0.0214 -0.0214 -0.1323 -0.041 -0.1323 -0.1818 -0.3182 -0.2941 -0.2855 -0.2901 -0.2441 -0.2855 -0.2901 -0.2441 -0.2855 -0.2901 -0.2441 -0.2855 -0.2901 -0.2641 -0.2855 -0.2901 -0.2641 -0.2855 -0.2901 -0.2641 -0.2855 -0.2901 -0.2641 -0.2855 -0.2901 -0.2641 -0.2855 -0.2901 -0.2641 -0.2855 -0.2901 -0.2641 -0.2855 -0.2901 -0.2641 -0.2855 -0.2901 -0.2641 -0.2855 -0.2901 -0.2855
May Jun Jul Jun Jul Aug Sep Oct Nov Dec BS-act-75 Jan Feb Mar Apr May Jul Jul Jul Aug Sep Oct Mov BS-act-75 Jan Feb Mar Apr May Jul Aug Sep Oct Nov Dec BS-ATT-25 Jan Mar Apr May Jul	0.7330 0.7330 0.6670 0.66270 0.6010 0.6330 0.6330 0.6330 0.7330 0.7630 0.7630 0.7650 0.7670 0.7670 0.8040 0.8130 0.8670 0.8670 0.8670 0.8670 0.8670 0.8670 0.8670	0.7330 0.7450 0.7450 0.7450 0.6366 0.6430 0.6330 0.6330 0.6540 LT=2 0.8420 0.8000 0.7590 0.7690 0.7690 0.7690 0.8000 0.8000 0.8500 0.8610 0.8610 LT=2 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.3144 4.468	0.7340 0.7020 0.6900 0.6900 0.7177 0.6880 0.6870 0.6280 0.6860 LT=3 0.8100 0.7930 0.7770 0.7530 0.7410 0.7650 0.7650 0.7550 0.7550 0.7550 0.7590 0.7550 0.000 0.0	0.7660 0.7150 0.7210 0.7210 0.7420 0.7320 0.7630 0.6990 LT=4 0.7240 0.7380 0.7570 0.7630 0.6990 LT=4 0.7240 0.7380 0.7570 0.7640 0.7290 0.6670 0.6830 0.6670 0.6830 LT=4 13.33 0.66 0.16 0.15 0.97 5.11 1.143 12.98	0.7370 0.7370 0.7300 0.7230 0.7340 0.7540 0.7640 0.7600 0.7840 0.8050 0.7000 0.7040 0.7040 0.7250 0.6500 0.5760 0.5390 0.5560 0.5390 0.5560 0.5390 0.5560 0.5390 0.5560	0.7420 0.7190 0.7450 0.7620 0.7620 0.8110 0.8530 0.8440 0.5700 0.6670 0.6670 0.7270 0.6670 0.7270 0.6670 0.4350 0.4350 0.4360 0.	May Jun Jul Aug Sep Oct Nov Dec BSS-act-75 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Mar Apr May Jun Jul Aug Sep Oct Nov Dec BS-AT-75 Jan Feb Mar Apr Jun Jul Aug Sep Oct Nov Dec	0.0214 0.0378 0.1095 0.1825 0.2164 0.096 0.1569 0.1337 LT=1 -0.1364 -0.0517 -0.0013 -0.0079 -0.0323 -0.1428 -0.1828 -0.1828 -0.1828 -0.1828 -0.1828 -0.1828 -0.1828 -0.1828 -0.1828 -0.1828 -0.1828 -0.1828 -0.1828 -0.1828	0.0027 0.0287 0.0311 0.1080 0.1168 0.1281 0.0691 0.1078 LT=2 -0.1630 -0.0840 0.0117 -0.0132 -0.0027 -0.0840 0.0117 -0.0133 -0.0581 -0.1235 -0.	0.0000 0.0475 0.0129 0.0237 0.0232 0.0232 0.0234 0.0237 0.0237 0.0039 0.0333 0.0237 0.0000 0.0039	-0.0422 -0.0124 -0.0315 -0.0171 -0.0796 -0.0671 -0.0237 -0.0671 -0.0237 -0.0485 -0.0485 -0.0243 -0.0485 -0.0243 -0.0736 -0.0736 -0.0736 -0.0659 -0.0707 -0.0659 -0.065	0.0041 -0.0069 -0.0478 -0.1362 -0.1362 -0.1393 -0.1754 -0.1370 -0.1233 -0.1754 -0.1370 -0.1610 -0.0448 -0.0100 -0.0237 -0.0014 -0.1512 -0.2022 -0.1616 -0.2022 -0.1616 -0.1552 -0.1565 -0.2114 -0.1512 -0.2022 -0.1565 -0.2114 -0.1512 -0.2022 -0.1565 -0.2114 -0.1512 -0.2022 -0.1565 -0.2114 -0.1512 -0.2022 -0.1565 -0.2114 -0.1512 -0.2022 -0.1565 -0.2014 -0.1512 -0.2022 -0.1565 -0.2014 -0.1512 -0.2022 -0.1565 -0.2014 -0.1512 -0.2022 -0.1565 -0.2014 -0.1512 -0.2022 -0.1565 -0.2014 -0.1512 -0.2022	0.0133 0.0110 -0.0892 -0.1292 -0.2129 -0.2808 -0.3005
May Jun Jul Jun Jul Jun Jul Aug Sep Oct Nov Dec BS-act-75 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec BS-act-75 Jan Mar Apr May Jun	0.7330 0.6670 0.66270 0.66270 0.66270 0.6630 0.6330 0.6350 LT=1 0.8330 0.7680 0.7680 0.7670 0.7670 0.7670 0.8670 0.8670 0.8670 0.8670 0.8670 0.8670 0.8670 0.8670	0.7330 0.7450 0.71570 0.6366 0.6433 0.6330 0.6540 LT=2 0.8420 0.8000 0.7590 0.7590 0.7590 0.7690 0.8000 0.8500 0.8500 0.8610 0.8610 0.8610 0.8610 0.8610 0.8614	0.7340 0.7690 0.6900 0.6970 0.6880 0.6870 0.6280 0.6880 0.6880 0.6880 0.6880 0.7770 0.7780 0.7790 0.7790 0.7590 0.7410 0.7850 0.7850 0.7850 0.7850 0.7850 0.7850 0.7950 0.000	0.7660 0.7150 0.7210 0.7210 0.7420 0.7320 0.7170 0.6990 LT=4 0.7240 0.7330 0.6990 0.7570 0.6300 0.7570 0.6300 0.6670 0.6830 0.6670 0.6830 0.6670 0.6500 0.6310 0.6670 0.6500 0.6310 0.6670 0.6500 0.6310 0.6670 0.6500 0.6310 0.6670 0.6500 0.6310 0.6670 0.6500 0.6310 0.6670 0.6500 0.6310 0.6670 0.6500 0.6310 0.6670 0.6500 0.6310 0.6670 0.6500 0.6	0.7370 0.7370 0.7300 0.7230 0.7230 0.7540 0.7660 0.7680 0.7680 0.7690 0.7040 0.7040 0.7040 0.7250 0.5230 0.4960 0.5390 0.5560 LT=5 14.31 14.31 14.31 0.43 0.43 0.45 6.40 18.67 16.62	0.7420 0.7190 0.7450 0.7520 0.8110 0.8530 0.8440 LT=6 0.4790 0.6670 0.7270 0.6670 0.7270 0.4350 0.4350 0.4350 0.4450 0.4350 0.45	May Jun Jul Aug Sep Oct Nov Dec B\$S-act-75 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec B\$S-AT-75 Jan Feb Mar Apr Jul Aug Jul Jul Aug Sep Oct Nov Dec	0.0214 0.0378 0.1095 0.1825 0.2164 0.096 0.1569 0.1337 LT=1 -0.1364 -0.0517 -0.0013 -0.072 -0.01323 -0.1144 -0.278 -0.1828	0.0027 0.0287 0.0311 0.1080 0.1168 0.1281 0.0591 0.1078 LT=2 -0.1630 -0.0841 -0.0117 -0.0027 -0.0027 -0.0027 -0.0581 -0.1235 -	0.0000 0.0452 0.0129 0.0023 -0.0029 0.0432 0.0234 -0.057 -0.057 -0.058 -0.037 -0.058 -0.038	-0.0422 -0.0124 -0.0315 -0.0171 -0.0796 -0.0513 -0.0623 -0.0237 -0.0343 -0.0485 -0.0485 -0.0485 -0.0495 -0.0175 -0.0172 -0.0773 -0.0504 -0.050	0.0041 -0.0069 -0.0478 -0.1392 -0.1392 -0.1393 -0.1293 -0.1370 -0.1370 -0.1610 -0.0448 -0.0100 -0.0237 -0.0114 -0.055 -0.2114 -0.055 -0.2114 -0.055 -0.2114 -0.059 -0.202 -0.1566 -0.2114 -0.059 -0.1566 -0.2114 -0.1512 -0.202 -0.1566 -0.2114 -0.1512 -0.202 -0.1566 -0.2114 -0.1512 -0.202 -0.1566 -0.2114 -0.1592 -0.202 -0.1566 -0.2114 -0.1592 -0.202 -0.1566 -0.2114 -0.1592 -0.202 -0.1566 -0.2114 -0.1592 -0.202 -0.1566 -0.2114 -0.1592 -0.202	0.0133 0.0110 -0.0892 -0.1222 -0.2297 -0.2397 -0.3005 LT=6 0.3329 0.1972 -0.0214 -0.014 0.0041 0.0041 0.3182 0.2901 0.2855 LT=6 24.81 12.500 6.41 9.21 9
May Jun Jul Aug Sep Oct Nov Dec BS-act-75 Jan Feb Mar Apr May Jul Aug Sep Oct Mov Dec BS-act-75 Jan Feb Mar Apr May Jul Aug Sep Oct Nov Dec	0.7330 0.7330 0.6670 0.66270 0.6010 0.6330 0.6330 0.6330 0.7330 0.7630 0.7630 0.7650 0.7670 0.7670 0.8040 0.8130 0.8670 0.8670 0.8670 0.8670 0.8670 0.8670 0.8670	0.7330 0.7450 0.7450 0.7450 0.6363 0.6430 0.6333 0.6333 0.6333 0.6333 0.6540 LT=2 0.8420 0.8000 0.7590 0.7430 0.8200 0.8500 0.8	0.7340 0.7020 0.6900 0.6900 0.7177 0.6880 0.6870 0.6280 0.6880 0.6870 0.7770 0.7770 0.7770 0.7770 0.7770 0.7770 0.7770 0.7770 0.7550 0.7410 0.7650 0.7550	0.7660 0.7150 0.7210 0.7210 0.7420 0.7320 0.7630 0.6990 LT=4 0.7240 0.7380 0.7570 0.7630 0.6990 LT=4 0.7240 0.7380 0.7570 0.7640 0.7290 0.6670 0.6830 0.6670 0.6830 LT=4 13.33 0.66 0.16 0.15 0.97 5.11 1.143 12.98	0.7370 0.7370 0.7300 0.7300 0.7340 0.7540 0.7640 0.7600 0.7840 0.8050 0.7000 0.7040 0.7040 0.7250 0.5760 0.5760 0.5390 0.5390 0.5390 0.5390 0.5390 0.5380 0.5390 0.5380 0.5390	0.7420 0.7190 0.7450 0.7620 0.7620 0.8110 0.8530 0.8440 0.5700 0.6670 0.6670 0.7270 0.6670 0.7270 0.7270 0.4350 0.	May Jun Jul Aug Sep Oct Nov Dec BSS-act-75 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec BS-ATT-75 Jan Feb Mar Aug Sep Oct Nov Dec	0.0214 0.0378 0.1095 0.1825 0.2164 0.096 0.1569 0.1337 LT=1 -0.1364 -0.0517 -0.0013 -0.0079 -0.0323 -0.1424 -0.1569 0.13828 -0.1828 LT=1 12.000 8.70 4.488 4.386 4.383 4.383 15.388	0.027 0.0287 0.0287 0.0311 0.1080 0.1168 0.1281 0.0691 0.1078 UT=2 -0.1630 0.0117 -0.0840 0.0117 -0.0840 0.0117 -0.0851 -0.0841 -0.1235 -0.123	0.0000 0.0475 0.0129 0.0237 0.0238 0.0237 0.0238 0.0237 0.0338 0.0237 0.0000 0.00139 0	-0.0422 -0.0124 -0.0315 -0.1171 -0.0796 -0.0513 -0.06513 -0.06513 -0.0485 -0.0485 -0.0485 -0.0249 -0.0175 -0.0659 -0.0736 -0.0736 -0.0513 -0.0513 -0.0513 -0.0513 -0.0513 -0.0513 -0.0513 -0.0756 -0.0513 -0.0	0.0041 -0.0069 -0.0478 -0.1362 -0.1362 -0.1393 -0.1754 -0.1370 -0.1810 -0.0448 -0.0100 -0.0237 -0.0144 -0.1512 -0.202 -0.1565 -0.1565 -0.1144 -0.1512 -0.202 -0.1565 -0.1145 -0.202 -0.1565 -0.1145 -0.202 -0.1565 -0.2114 -0.1512 -0.202 -0.1565 -0.2114 -0.1512 -0.202 -0.1565 -0.2114 -0.1512 -0.202 -0.1565 -0.2114 -0.1512 -0.202 -0.1565 -0.2114 -0.1512 -0.202 -0.202 -0.202 -0.202 -0.203 -	0.0133 0.0110 -0.0892 -0.1229 -0.2297 -0.2808 -0.3005

Table 21: Skill scores in the Nile

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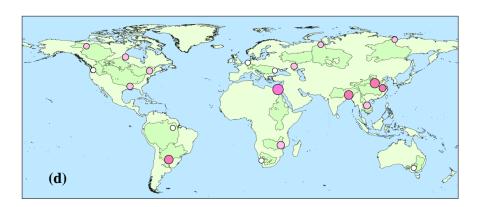




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Number of skilful forecasts (months per year)

Maximum lead time (month)



Figure 1: Global overview of basins with improved forecast skill

- 5 (a) theoretical skill in low flows
 - (b) theoretical skill in high flows
 - (c) actual skill in low flows
 - (d) actual skill in high flows