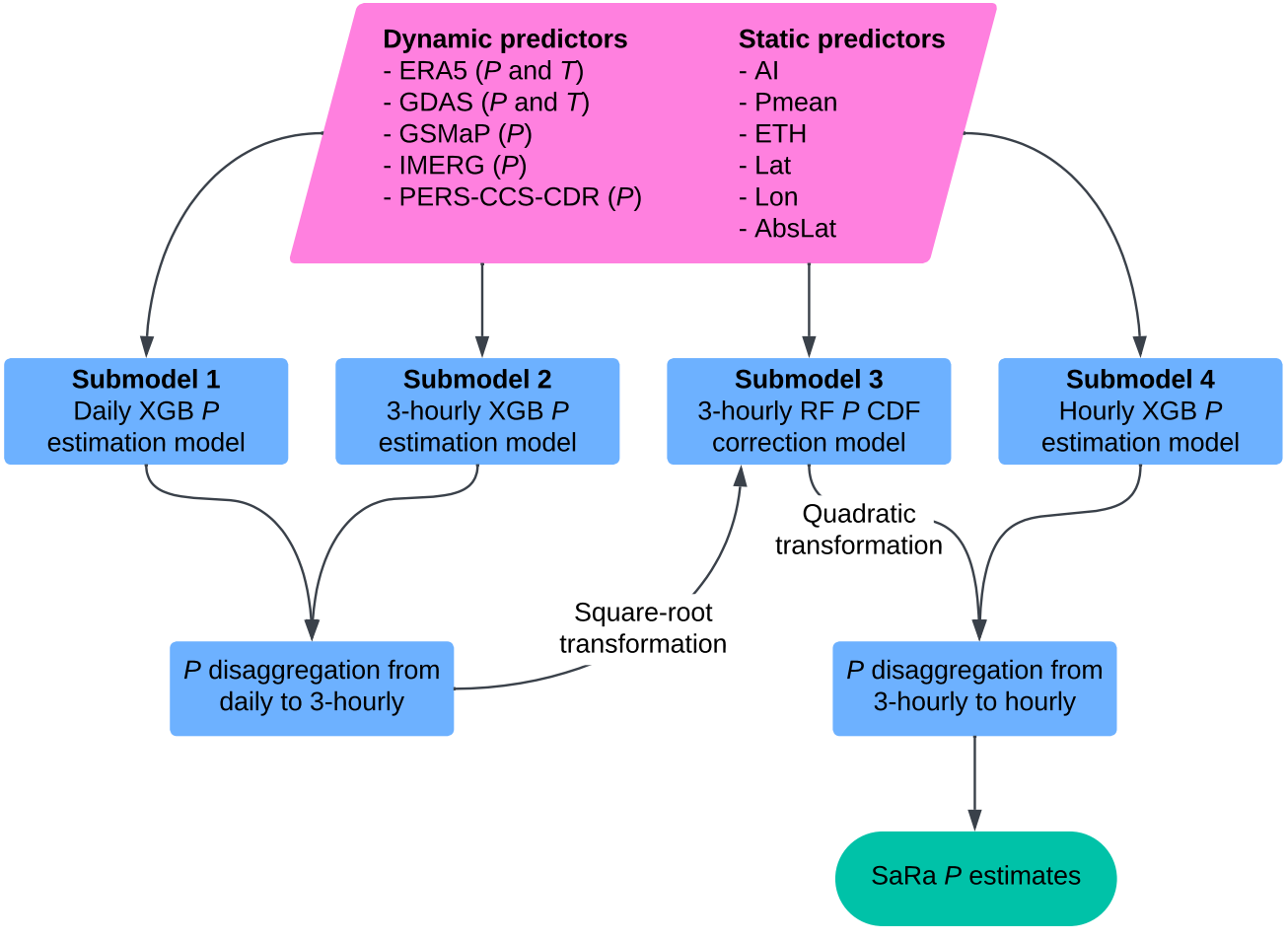
Dynamic predictors
- ERA5 (*P* and *T*)
- GDAS (*P* and *T*)
- GSMaP (*P*)
- IMERG (*P*)
- PERS-CCS-CDR (*P*)
Static predictors
- AI
- Pmean
- ETH
- Lat
- Lon
- AbsLat
Submodel 1
Daily XGB *P* estimation model
Submodel 2
3-hourly XGB *P* estimation model
Submodel 3
3-hourly RF *P* CDF correction model
Submodel 4
Hourly XGB *P* estimation model
Quadratic transformation
Square-root transformation
P disaggregation from daily to 3-hourly
P disaggregation from 3-hourly to hourly
SaRa *P* estimates