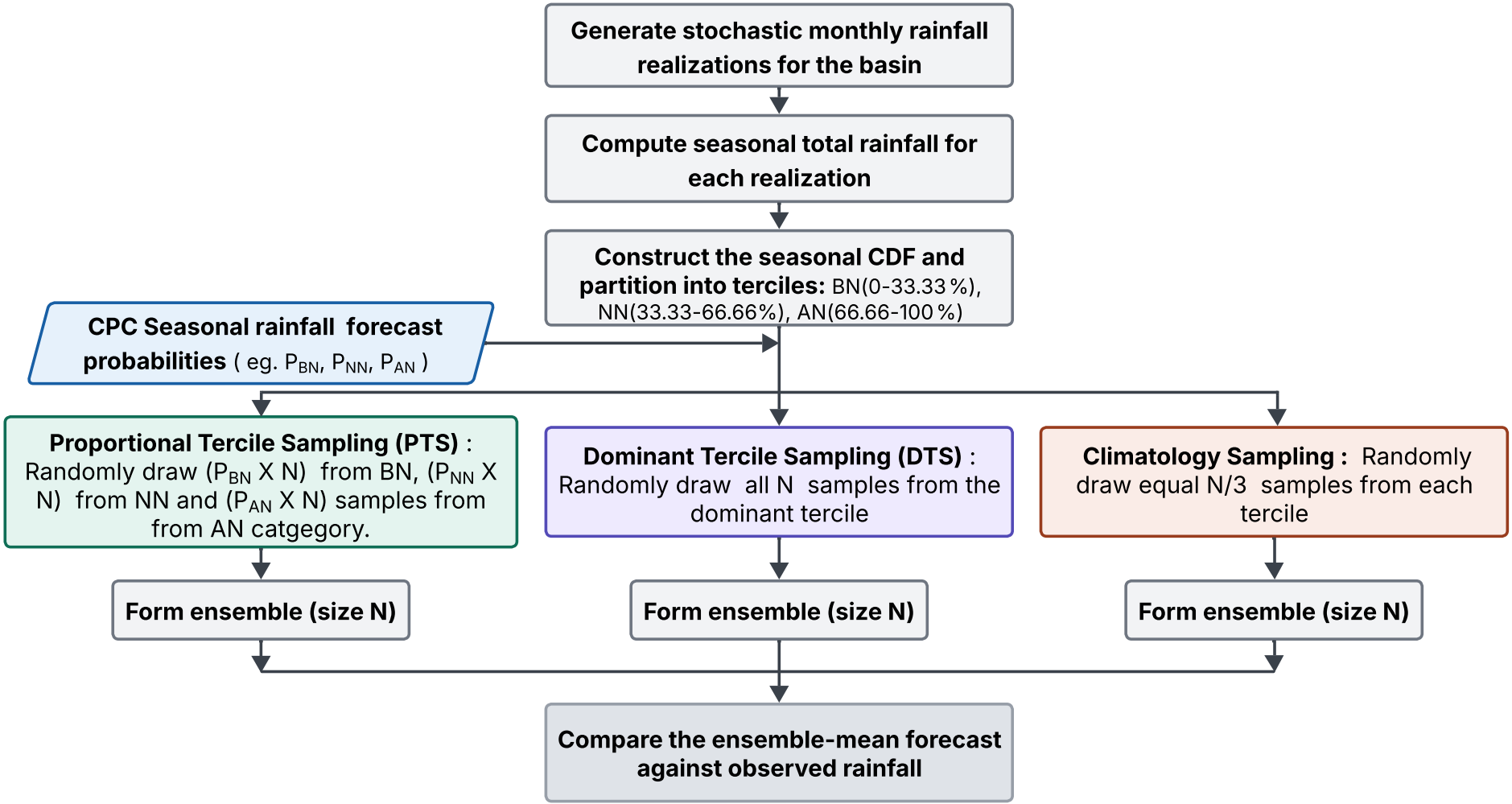
Generate stochastic monthly rainfall realizations for the basin
Compute seasonal total rainfall for each realization
Construct the seasonal CDF and partition into terciles: BN(0-33.33 %), NN(33.33-66.66%), AN(66.66-100 %)
CPC Seasonal rainfall forecast probabilities (eg. P_{BN}, P_{NN}, P_{AN})
Proportional Tercile Sampling (PTS) : Randomly draw (P_{BN} X N) from BN, (P_{NN} X N) from NN and (P_{AN} X N) samples from from AN catgegory.
Dominant Tercile Sampling (DTS) : Randomly draw all N samples from the dominant tercile
Climatology Sampling : Randomly draw equal N/3 samples from each tercile
Form ensemble (size N)
Form ensemble (size N)
Form ensemble (size N)
Compare the ensemble-mean forecast against observed rainfall