Figure S1. The daily averaged temperature of the two ensemble reforecasts and CN05.1 data in the (a) west Tibetan Plateau and (b) east Tibetan Plateau.
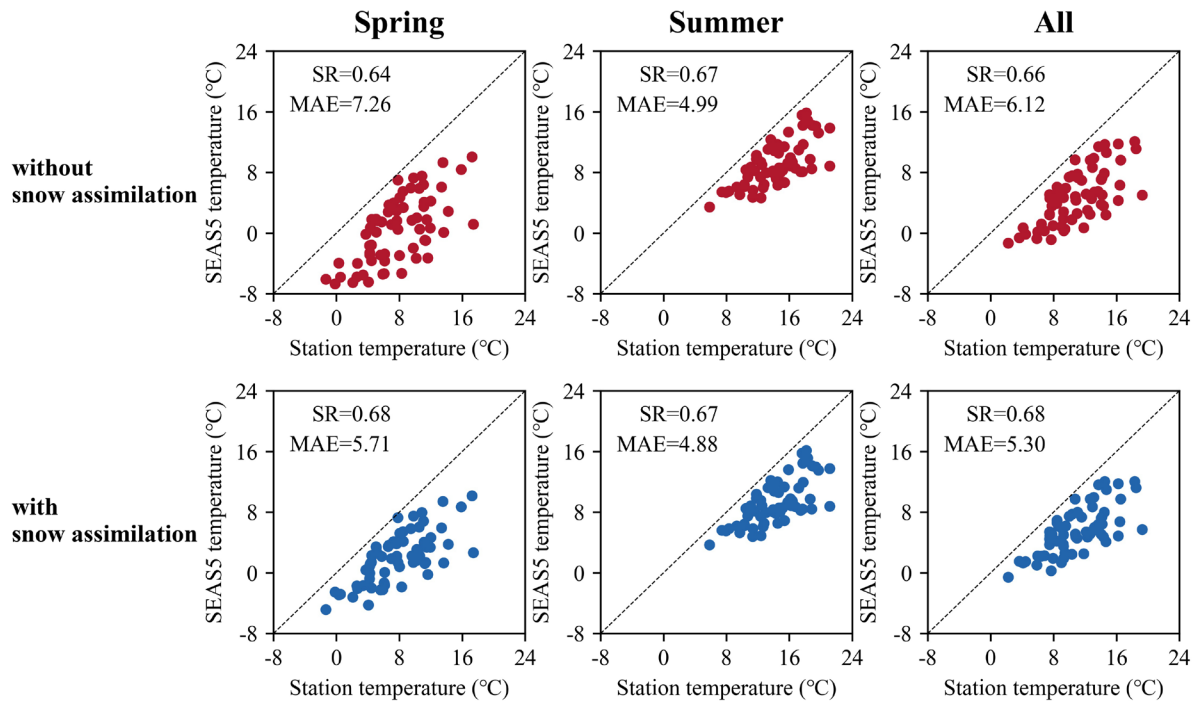
Figure S2. The spatial correlations and mean error between the temperature reforecasts and in-situ observations.
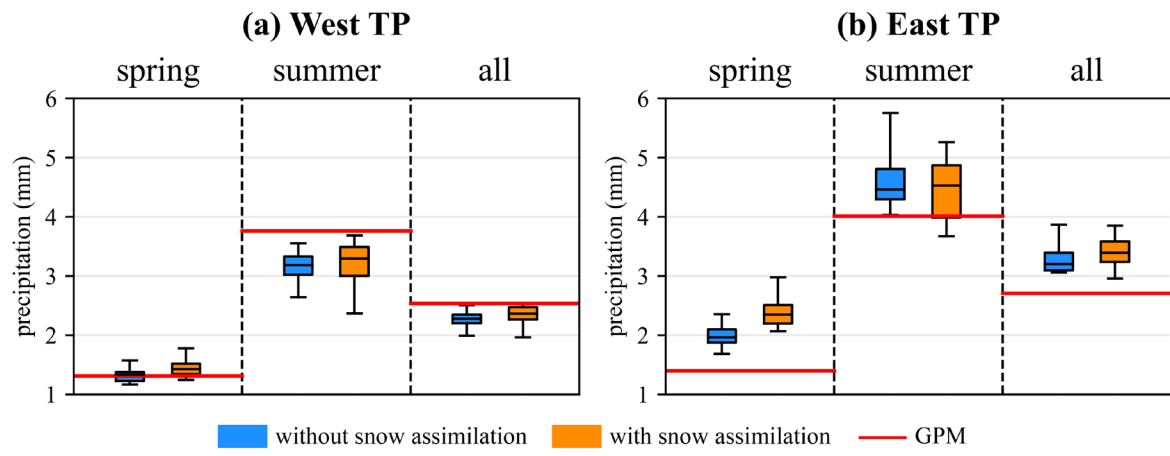
Figure S3. The daily averaged precipitation of the two ensemble reforecasts and GPM data in the (a) west Tibetan Plateau and (b) east Tibetan Plateau.
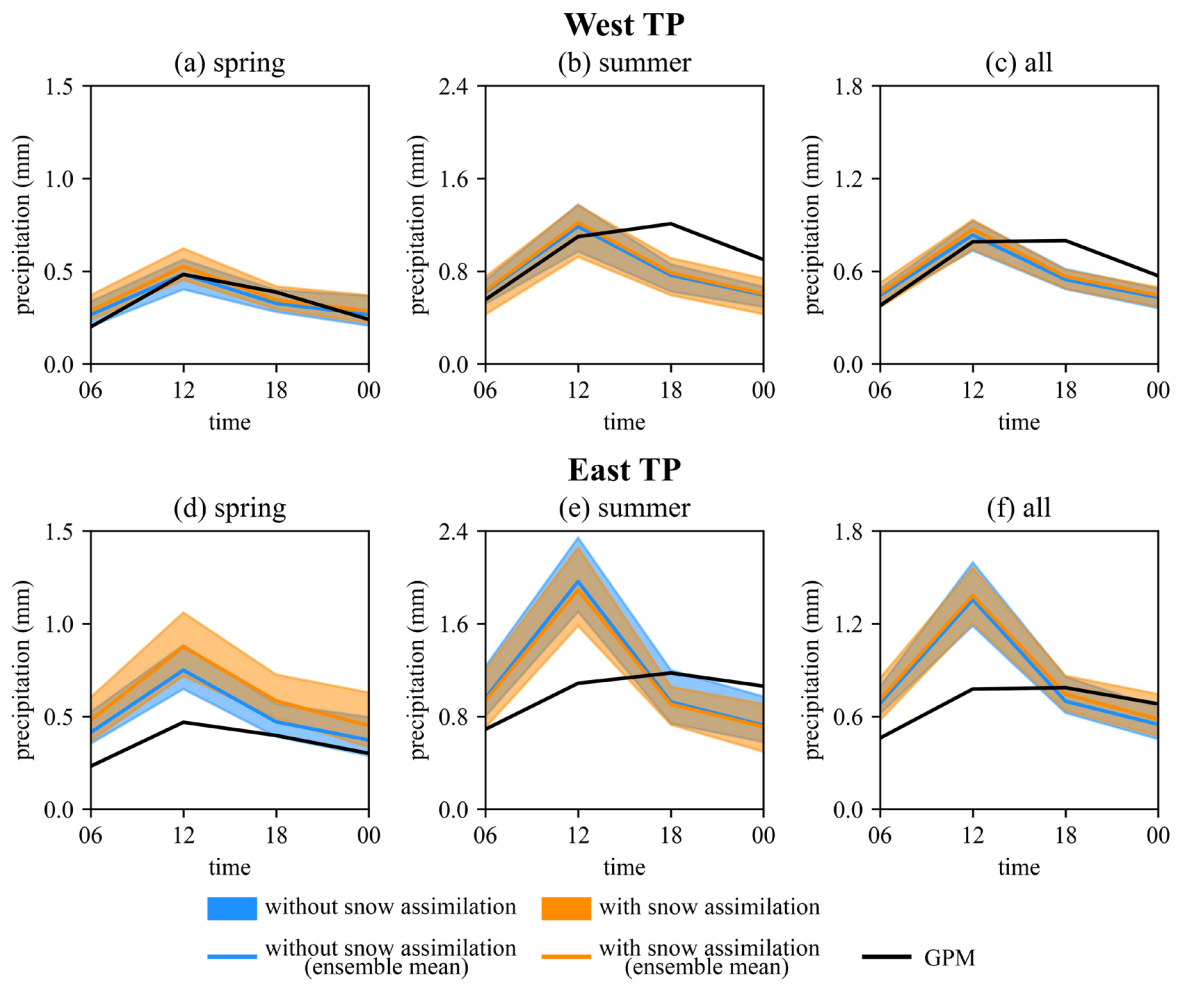
Figure S4. The precipitation diurnal cycles for the two ensemble reforecasts and GPM data.
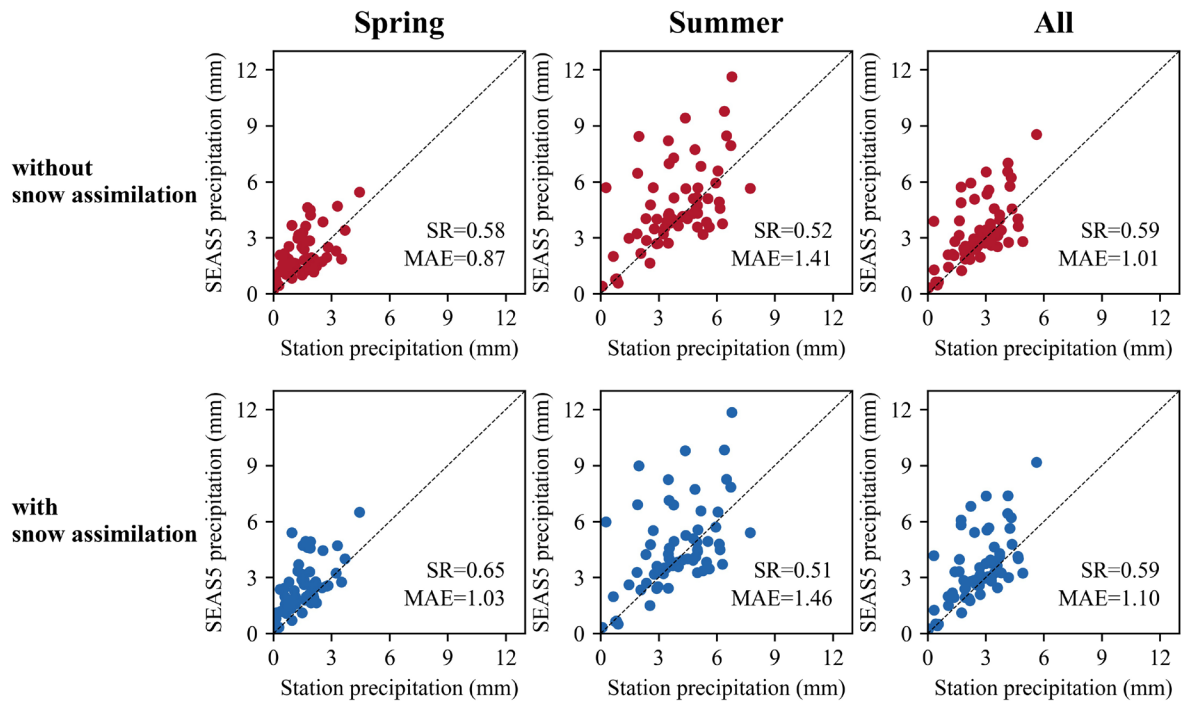
Figure S5. The spatial correlations and mean error between the precipitation reforecasts and in-situ observations.