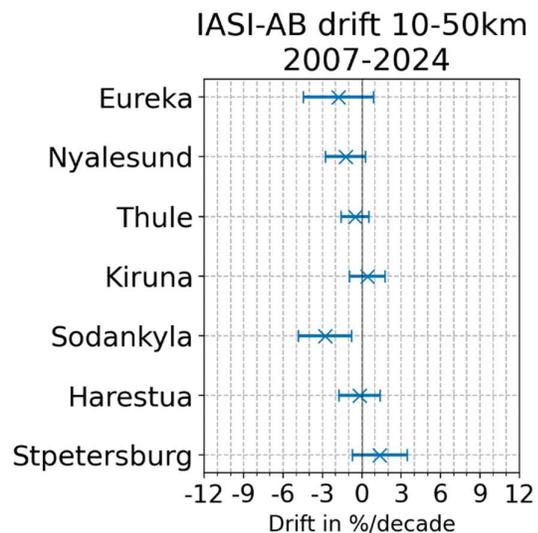
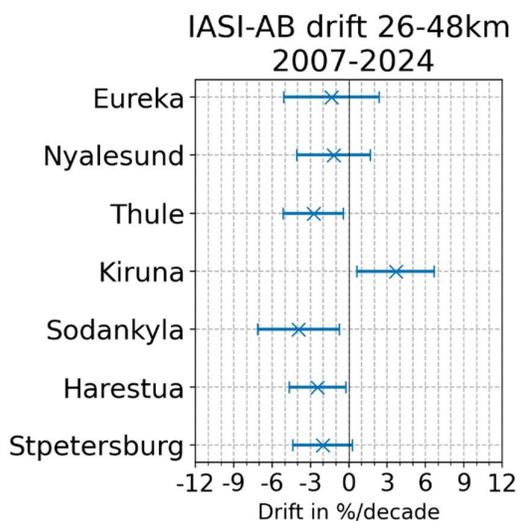
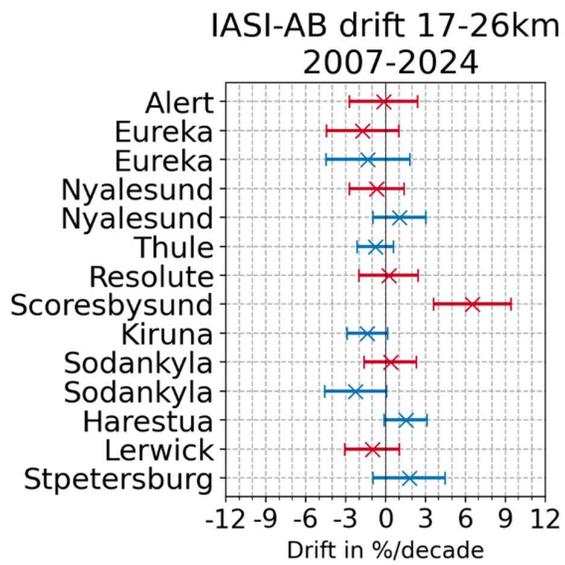
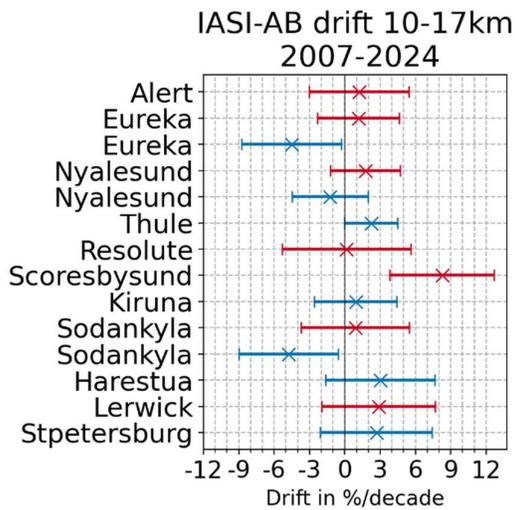
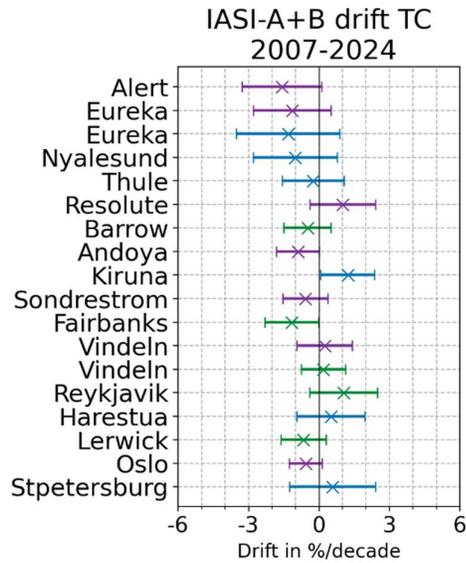
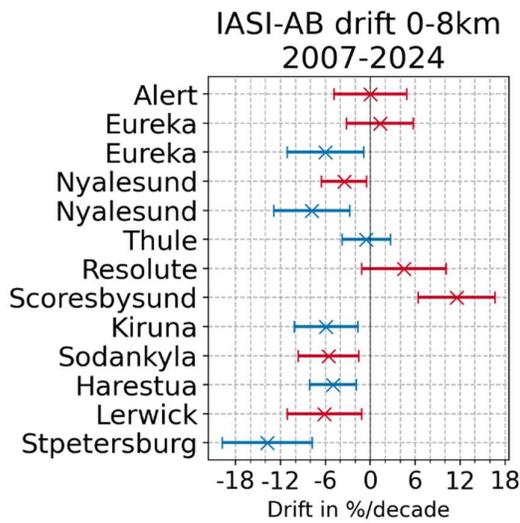
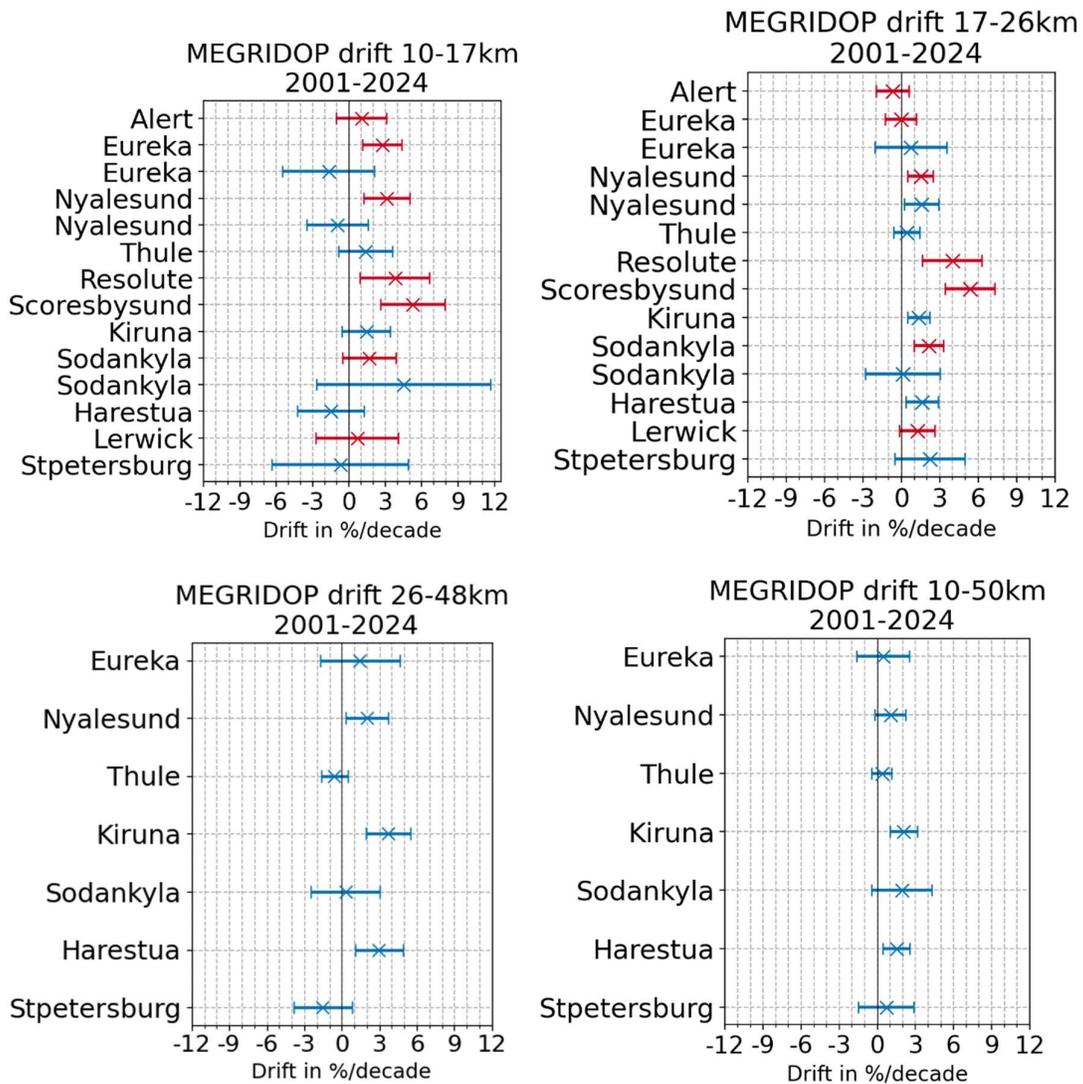


Robust linear regression (Theil-Sen) + Block Bootstrap for taking autocorrelation into account when estimating the confidence interval (95% CI)



Robust linear regression (Theil-Sen) + Block Bootstrap for taking autocorrelation into account when estimating the confidence interval (95% CI)



Differences with no block bootstrap (not taking autocorrelation into account, basic Theil-Sen 95% CI):

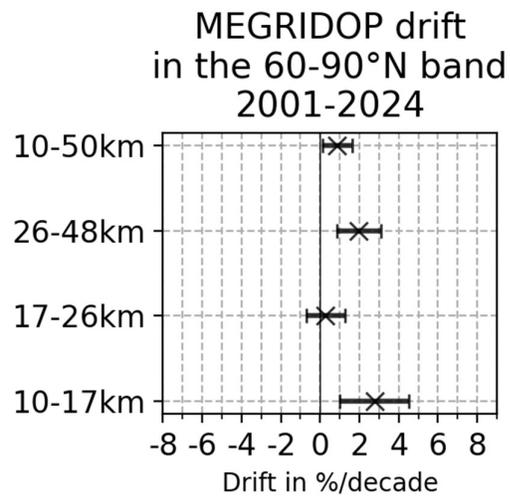
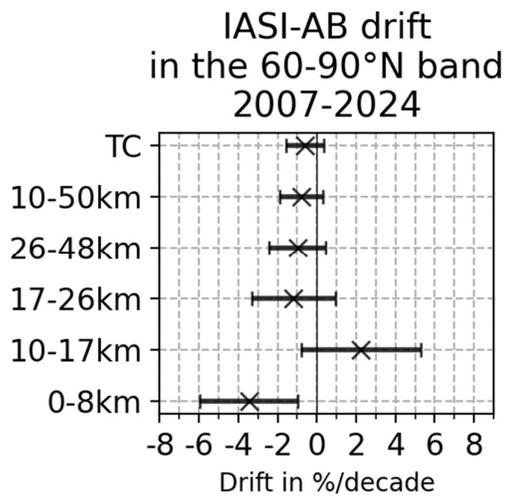
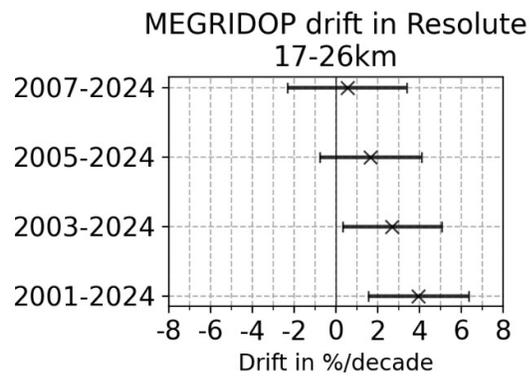
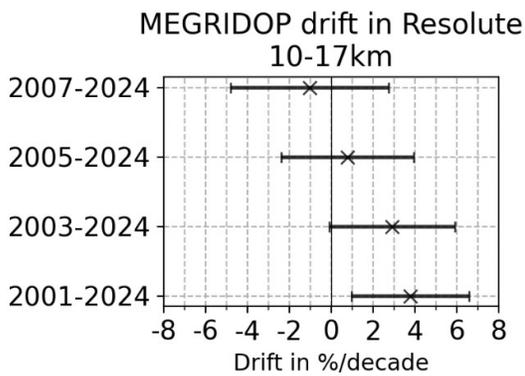
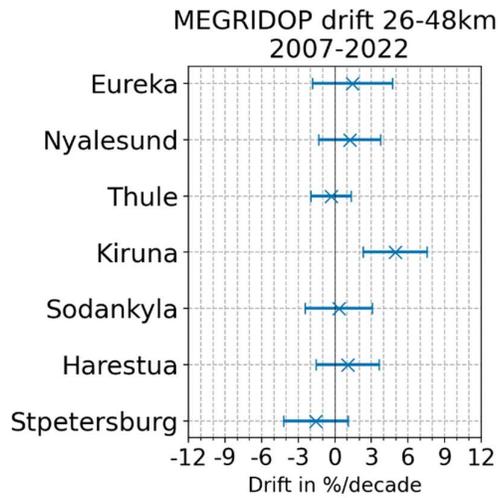
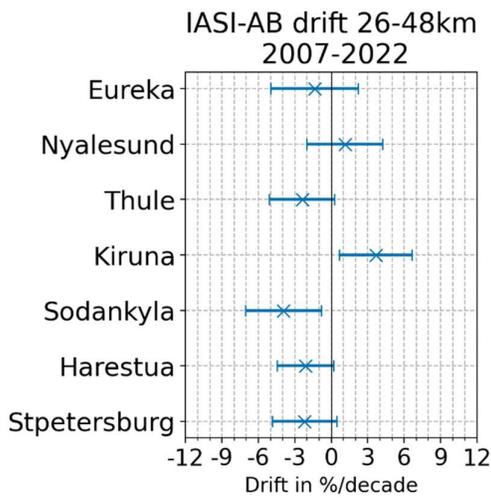
IASI 0-8km: Ny-Alesund Sonde negative drift becomes significant

IASI TC: Alert's drift is not significant anymore, Kiruna's positive drift becomes at the limit of significance

IASI 10-17km: Eureka & Sodankyla FTIR's negative drifts become slightly significant

Robust linear regression (Theil-Sen) + Block Bootstrap for taking autocorrelation into account when estimating the confidence interval (95% CI)

**Additional figures for the paper:**



No change in interpretation at all