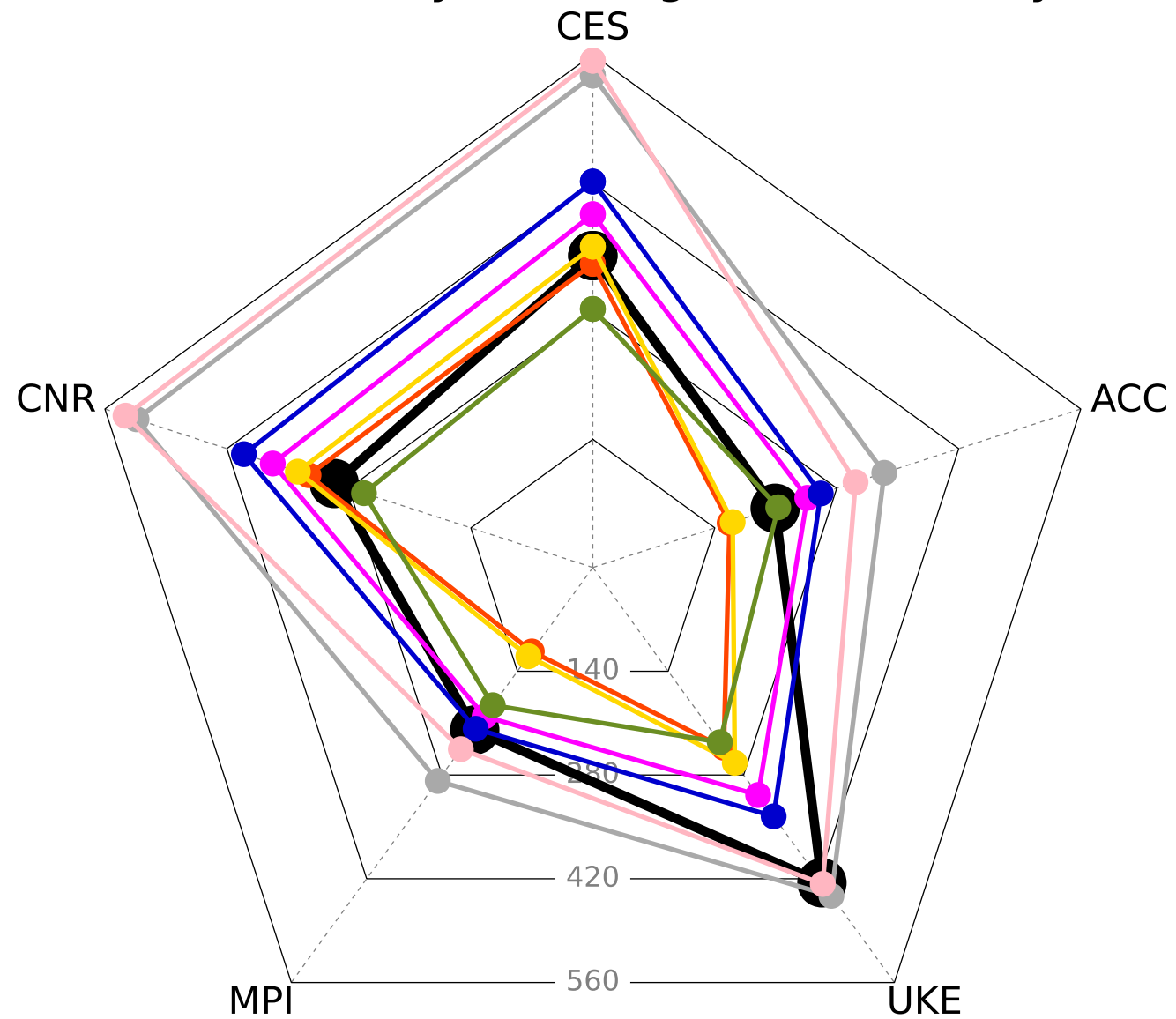
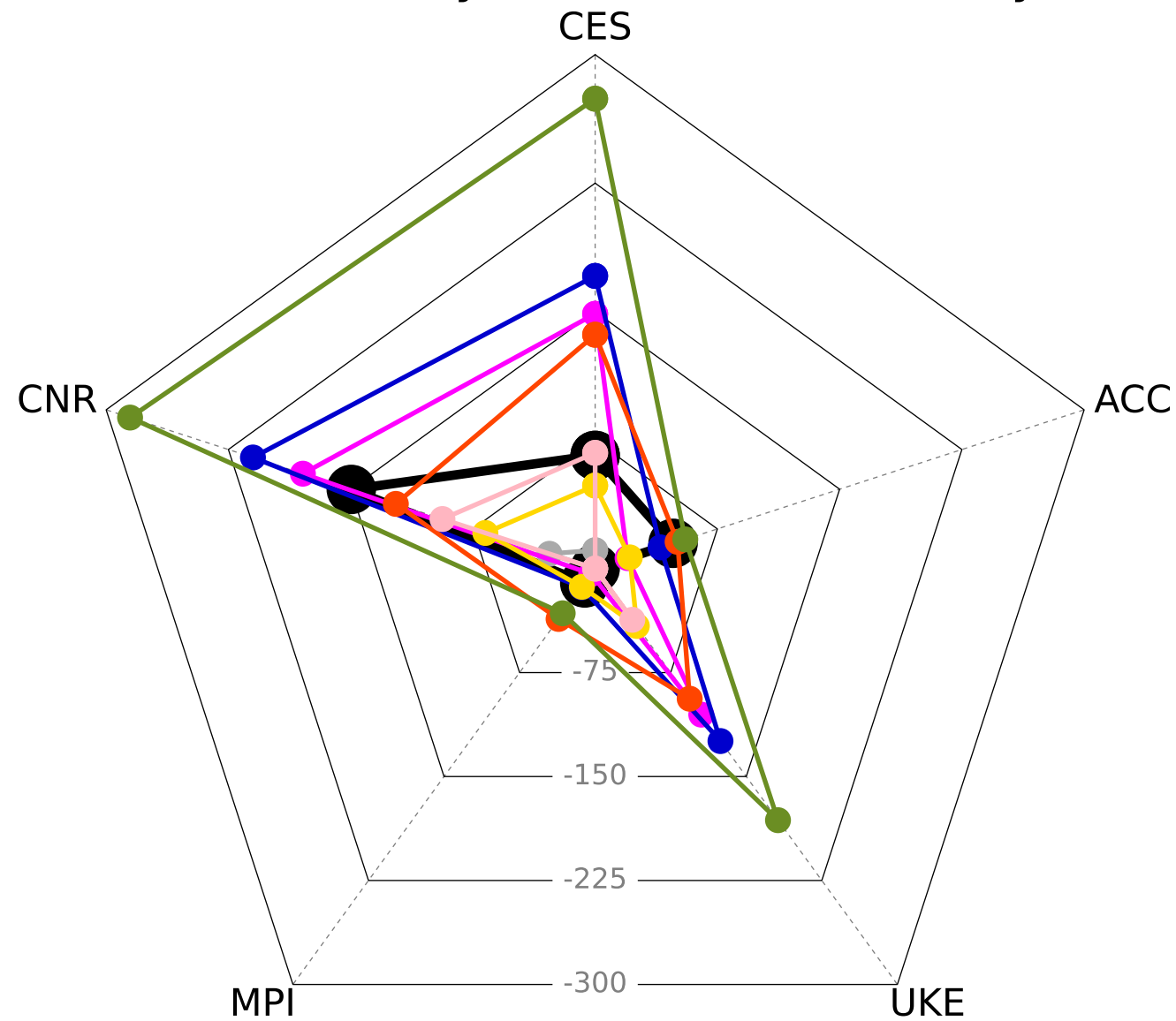


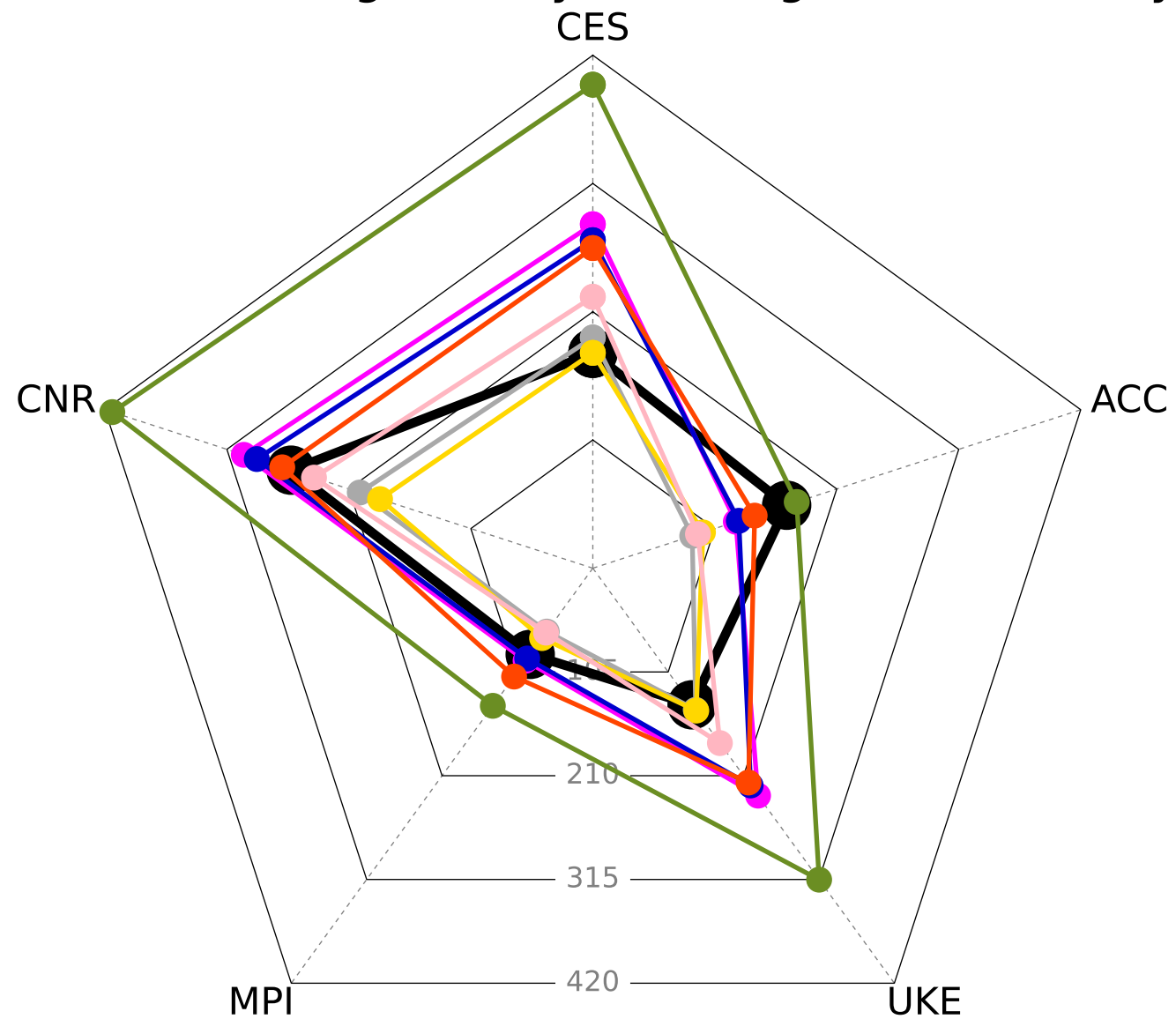
(a) SMB anomaly over the grounded ice (Gt/yr)



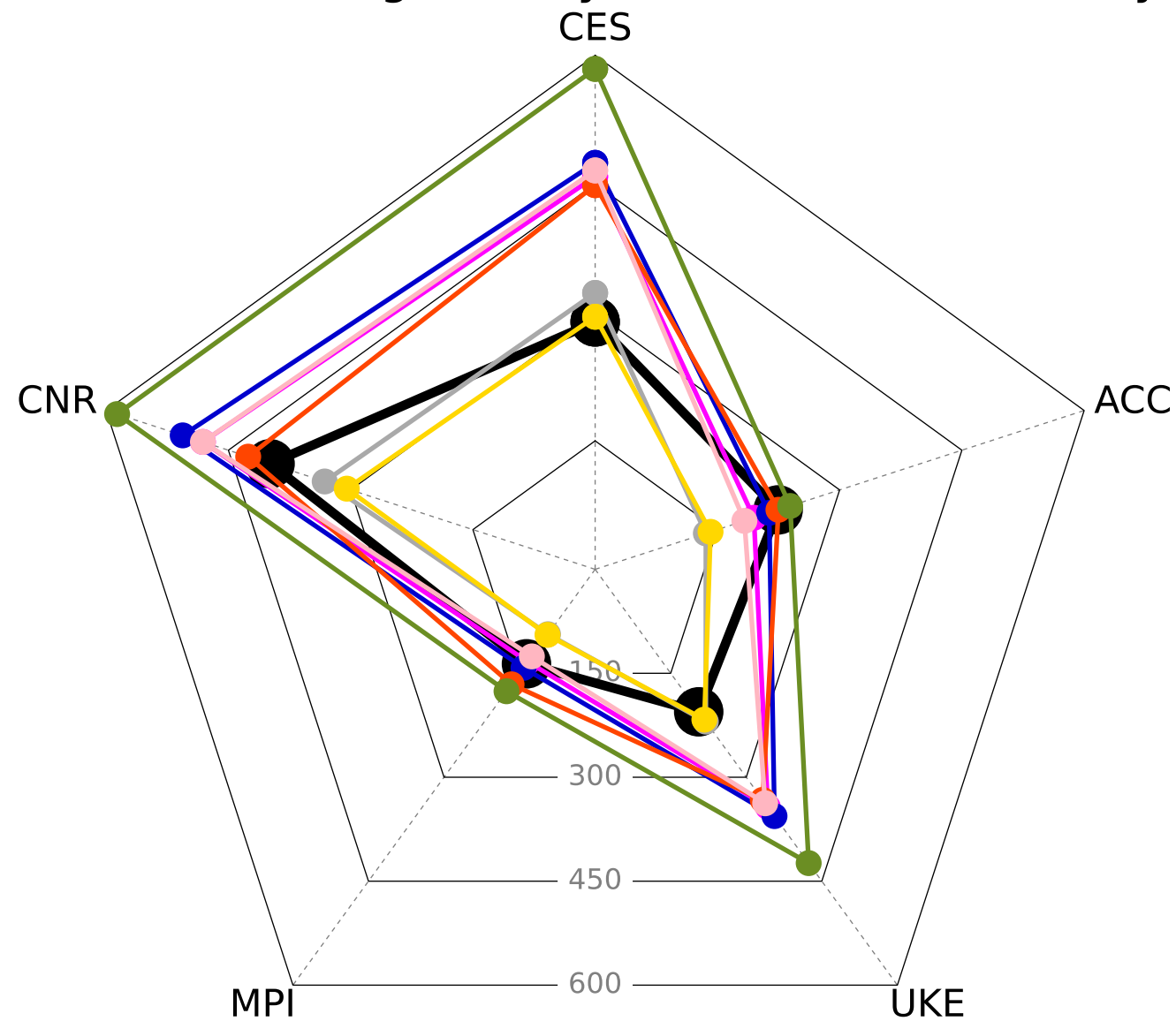
(b) SMB anomaly over the ice shelves (Gt/yr)



(c) Surface melting anomaly over the grounded ice (Gt/yr)



(d) Surface melting anomaly over the ice shelves (Gt/yr)



Original MAR simulation driven by:

- CESM2 (CES)
- CNRM-CM6-1 (CNR)
- MPI-ESM1-2-HR (MPI)
- UKESM1-0-LL (UKE)
- ACCESS1-3 (ACC)

Reconstructions of MAR simulation driven by:

- UKESM1-0-LL
- IPSL-CM6A-LR
- MPI-ESM1-2-HR
- CNRM-CM6-1
- CESM2
- ACCESS1-3
- NorESM1-M