Model validation

Run of 2026-11-18

Period: 11/11/2026 to 21/11/2026

Forecast starts: 18/11/2026 00:00 UTC

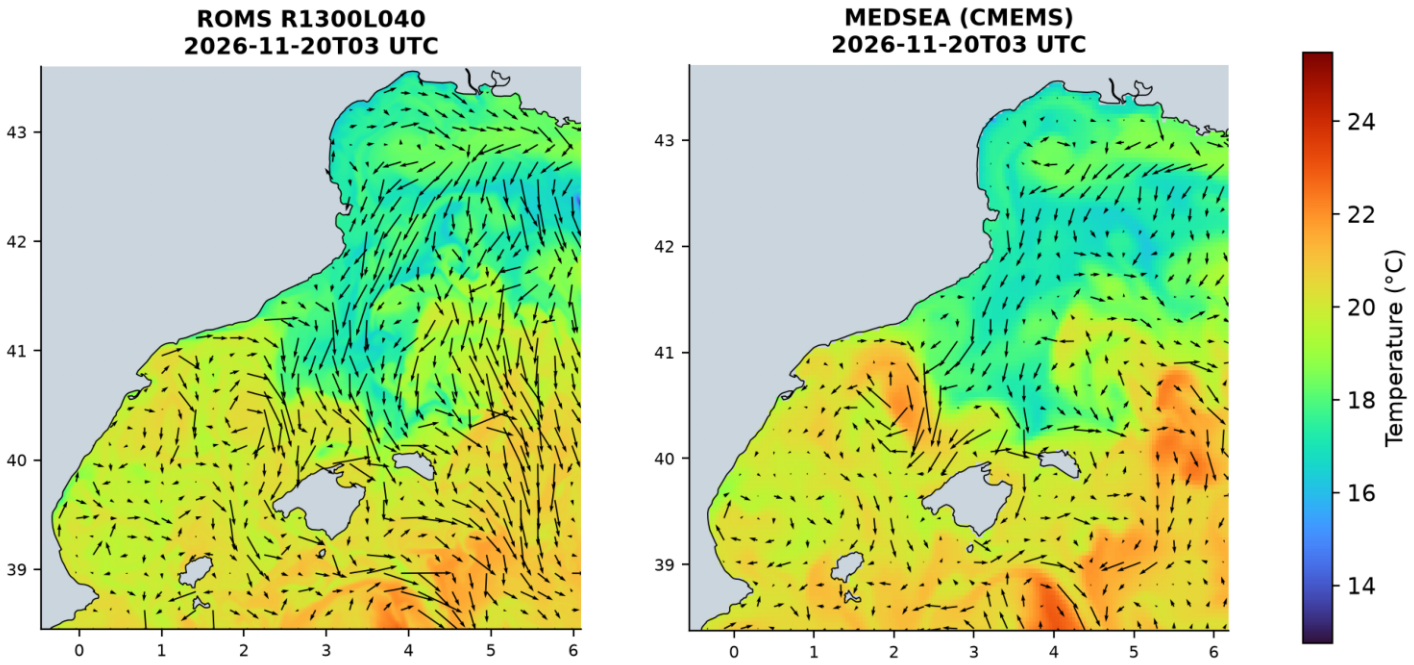
Models: ROMS R1300L040

Reference: MEDSEA (CMEMS)

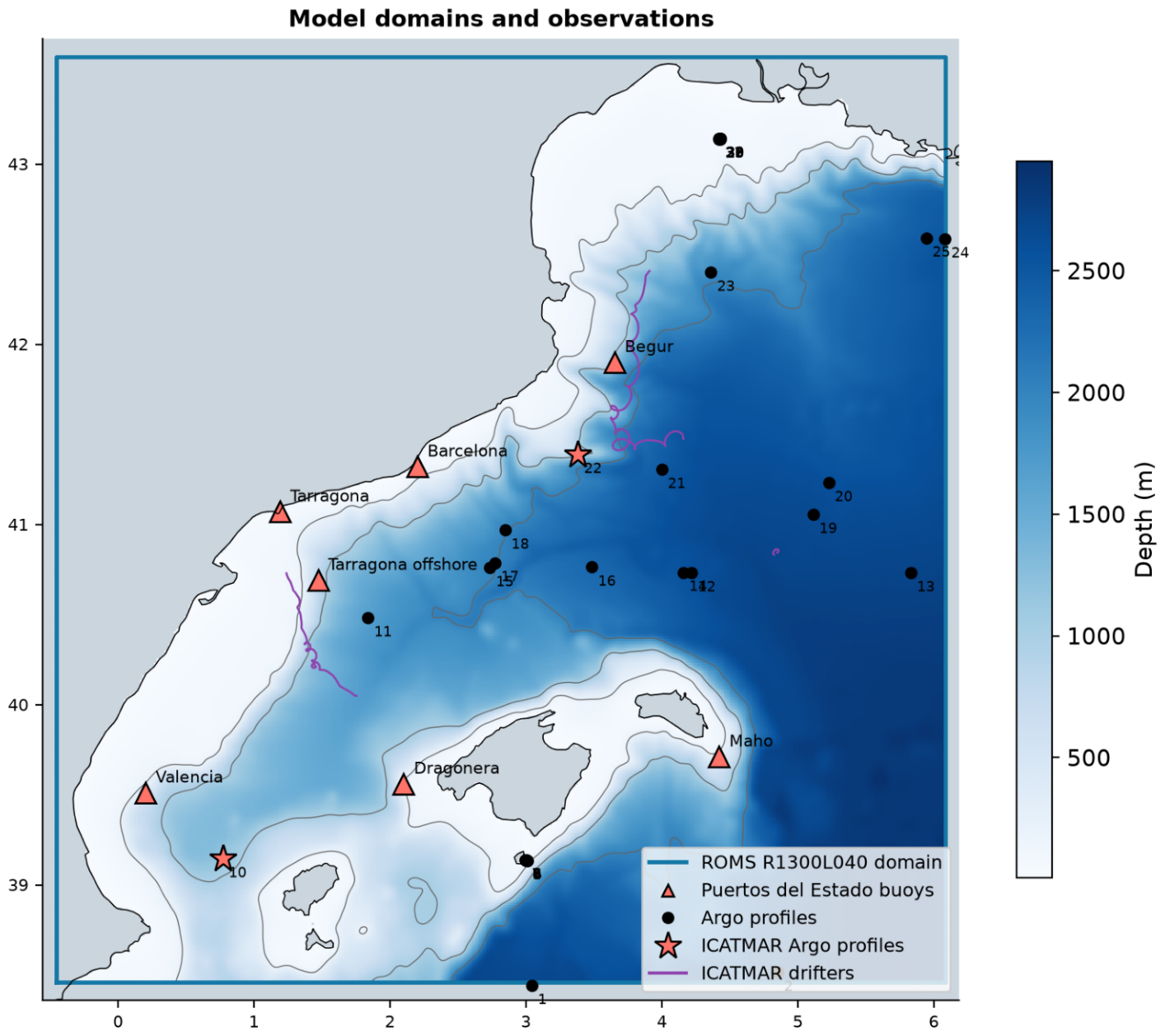
Summary (bias = model − observation)

Source	Variable	Model	Bias	RMSE	r
Buoys	Temperature	MEDSEA (CMEMS)	0.395	1.207	0.538
Buoys	Temperature	ROMS R1300L040	0.358	1.172	0.588
Buoys	Salinity	MEDSEA (CMEMS)	-0.003	0.234	0.6
Buoys	Salinity	ROMS R1300L040	-0.008	0.218	0.299
Buoys	Current speed	MEDSEA (CMEMS)	-0.013	0.145	0.348
Buoys	Current speed	ROMS R1300L040	0.012	0.166	0.246
Argo	Temperature	MEDSEA (CMEMS)	0.063	0.639	0.731
Argo	Temperature	ROMS R1300L040	0.199	0.701	0.952
Argo	Salinity	MEDSEA (CMEMS)	0.469	0.523	0.694
Argo	Salinity	ROMS R1300L040	0.525	0.579	0.732
Satellite	Temperature	MEDSEA (CMEMS)	-0.01	0.751	0.878
Satellite	Temperature	ROMS R1300L040	-0.053	0.673	0.89
MEDSEA	Temperature	ROMS R1300L040	-0.037	0.52	0.937
MEDSEA	Salinity	ROMS R1300L040	0.026	0.138	0.932
MEDSEA	Sea level	ROMS R1300L040	-0.0	0.017	0.952

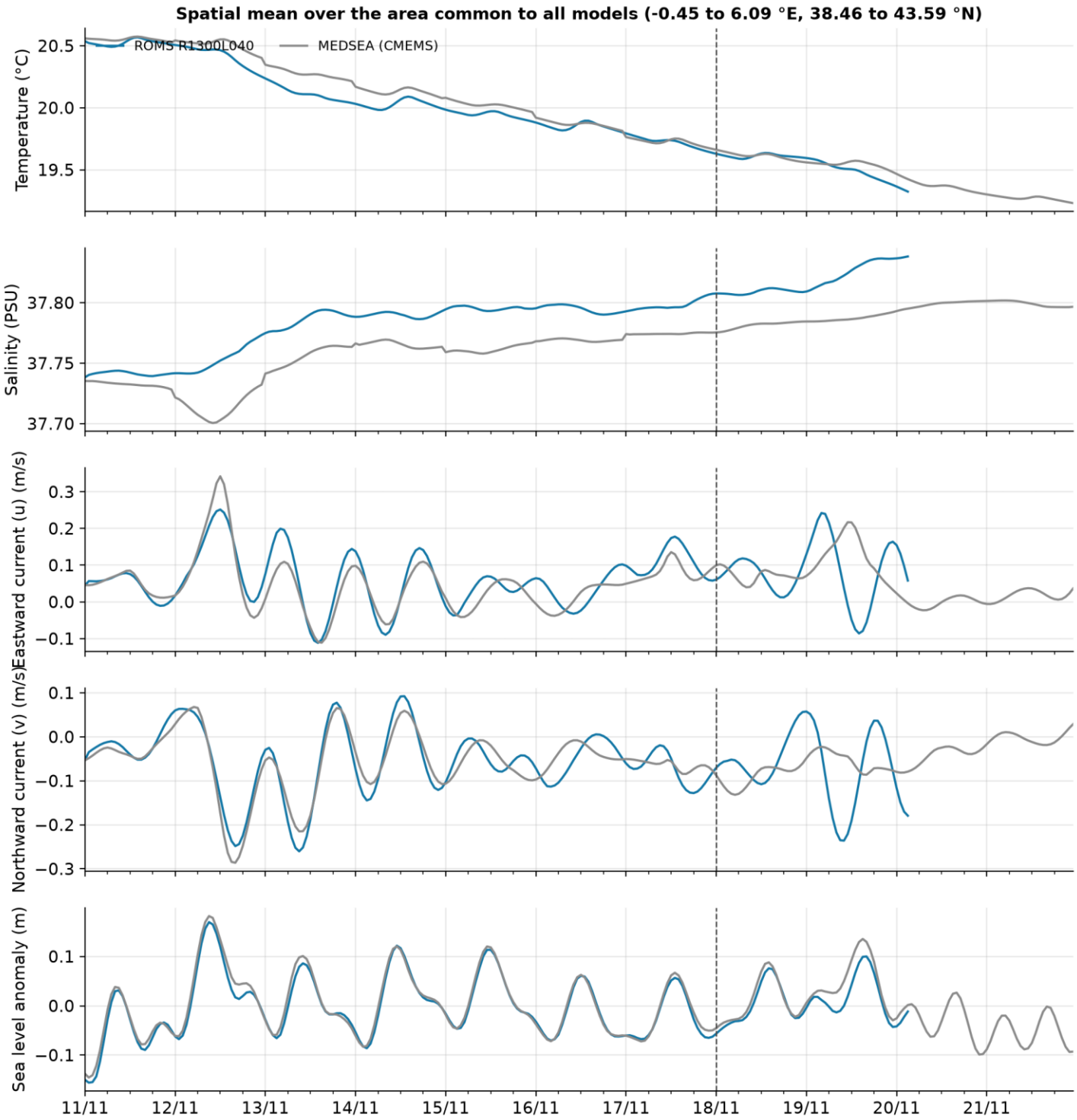
End of the forecast: surface temperature and currents



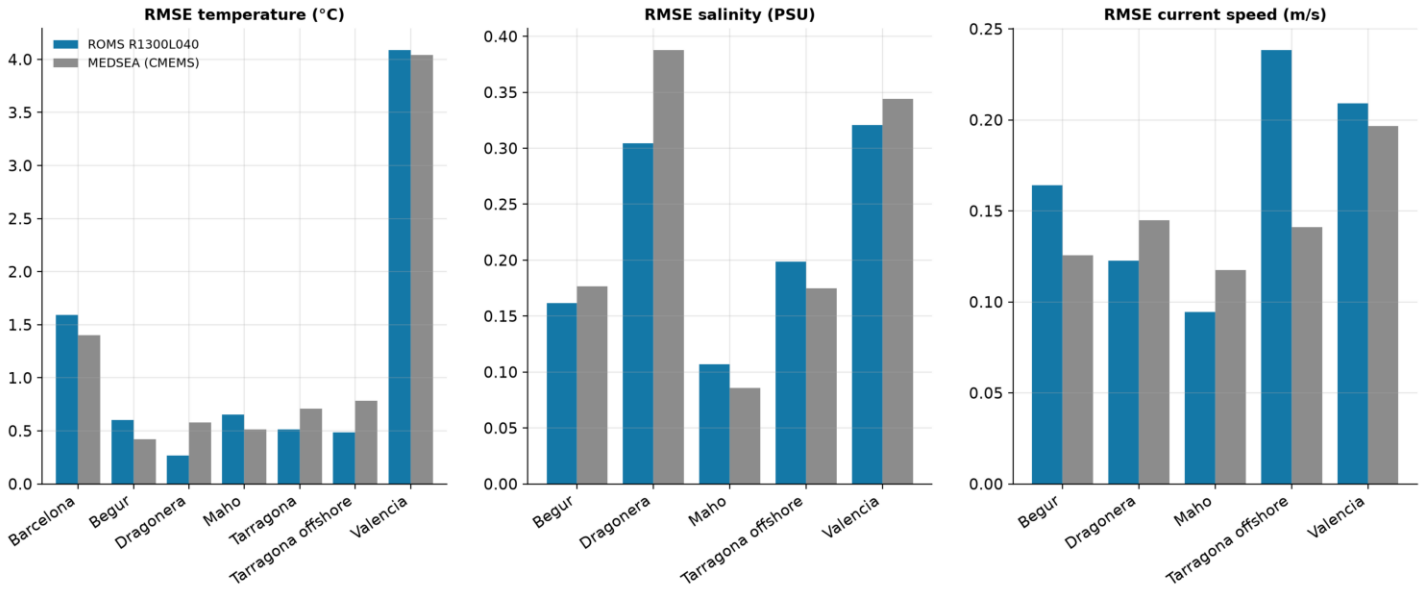
Model domains and observations



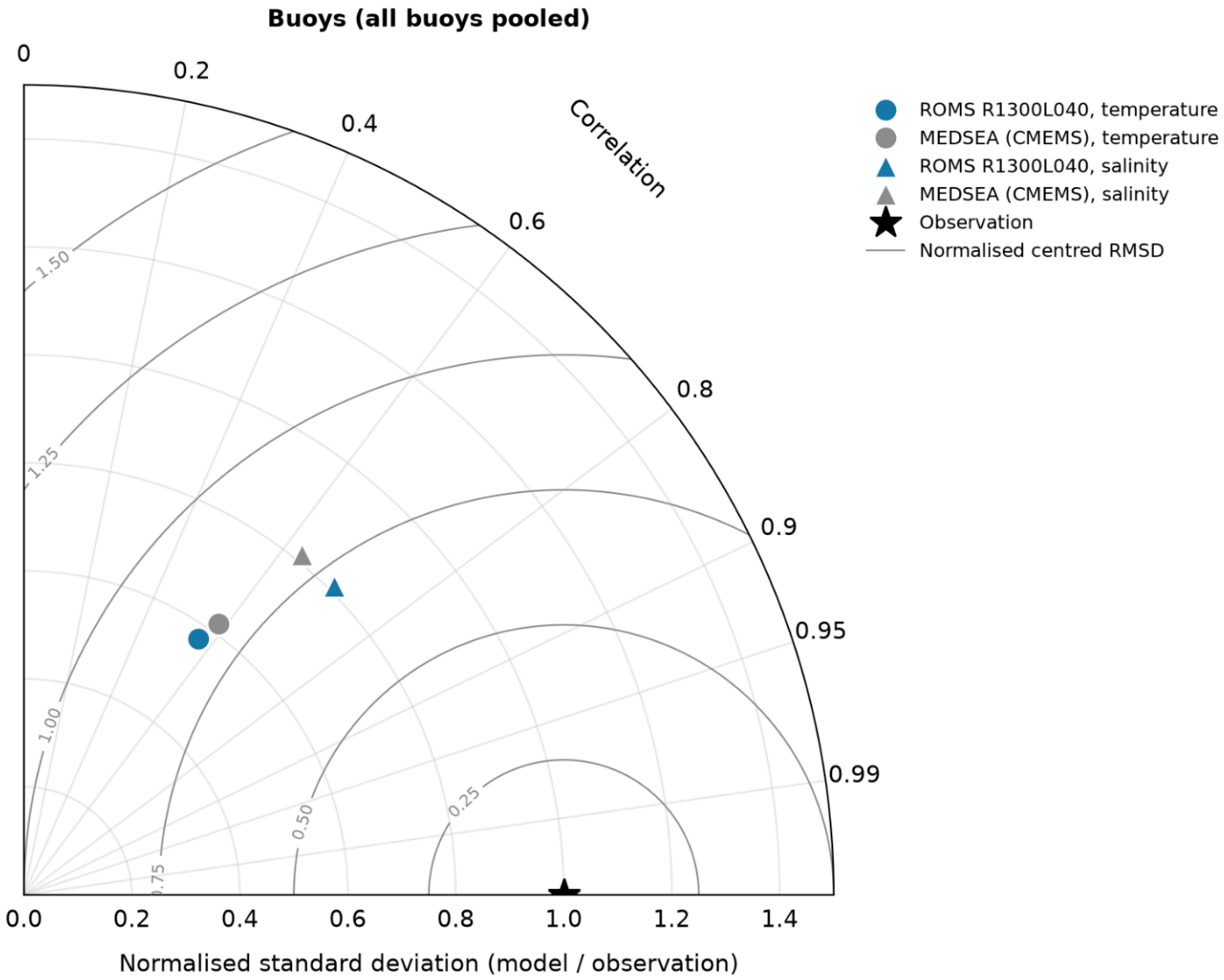
Spatial means



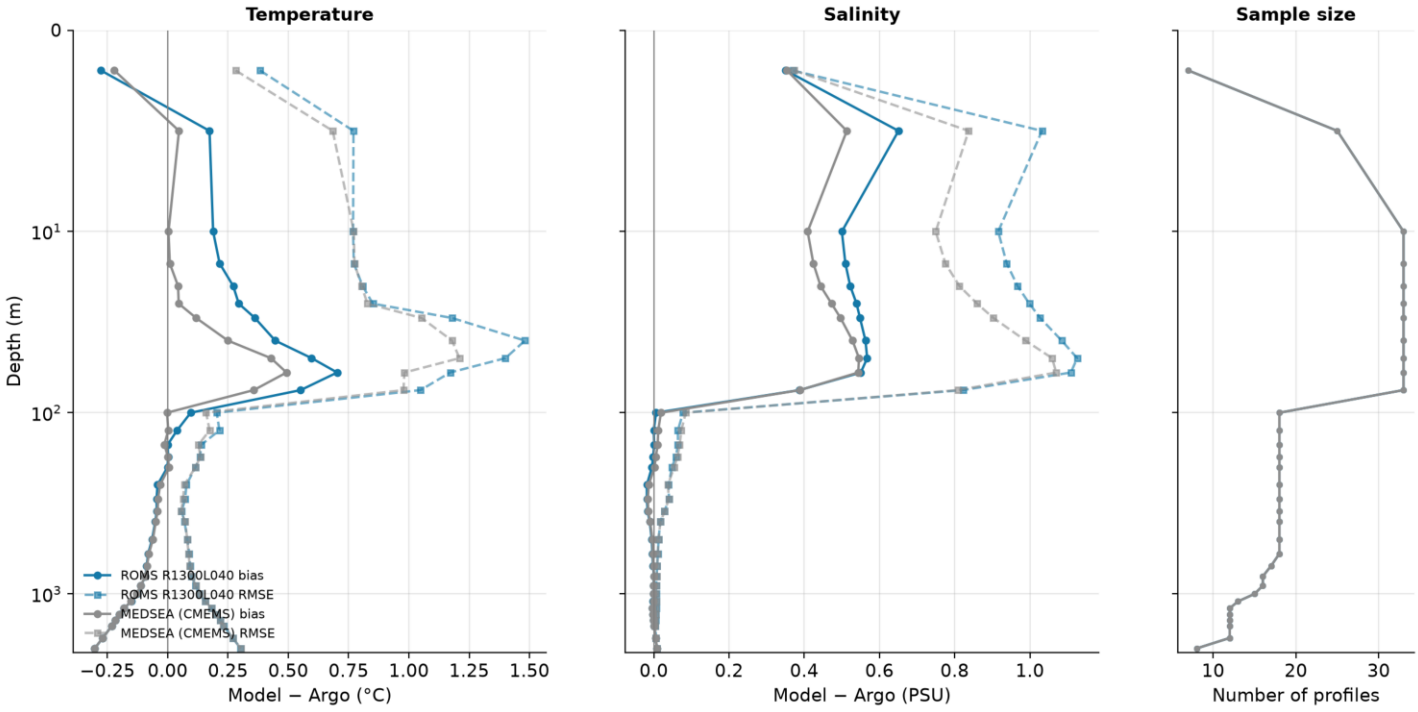
Buoys: RMSE per station



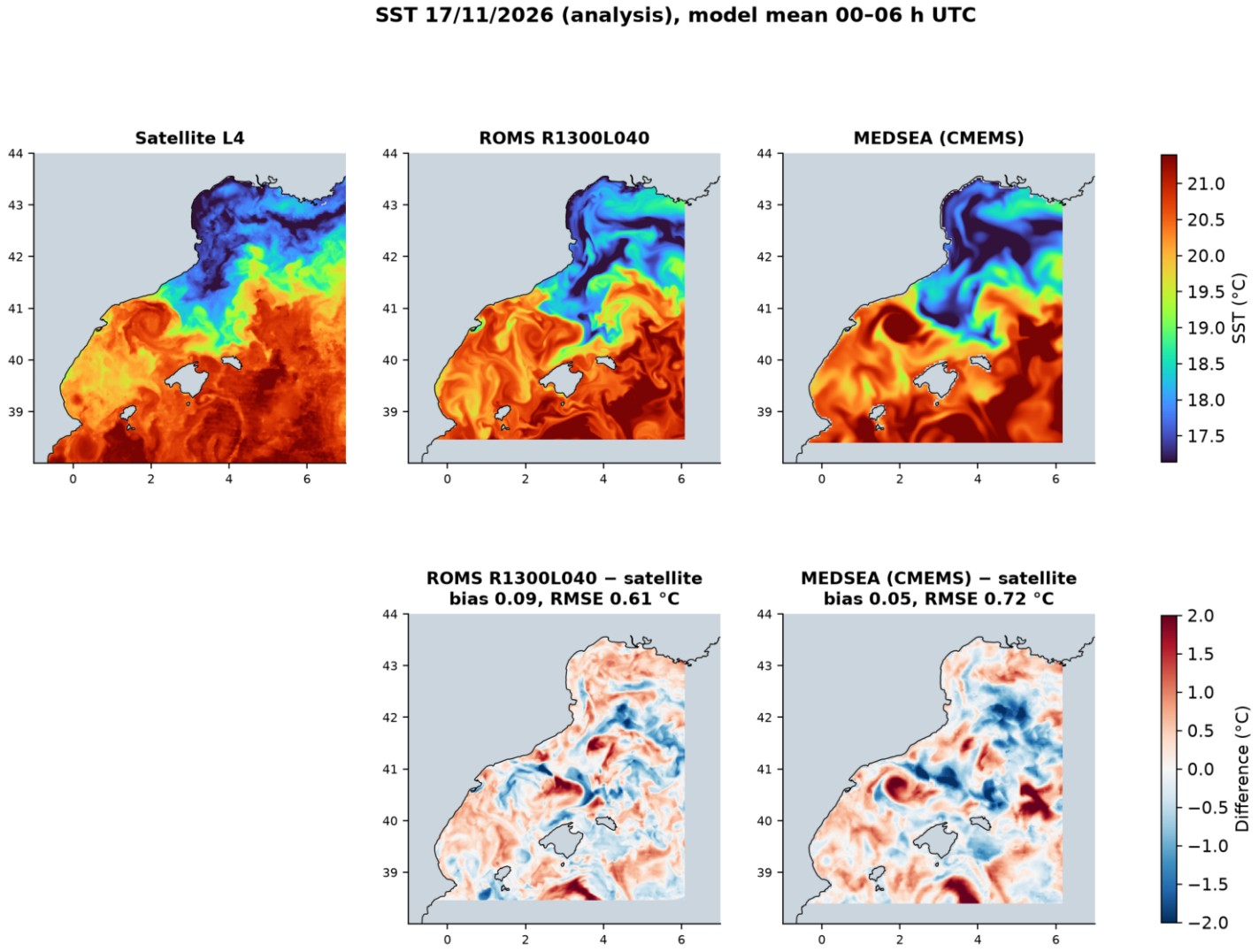
Buoys: Taylor diagram (temperature)



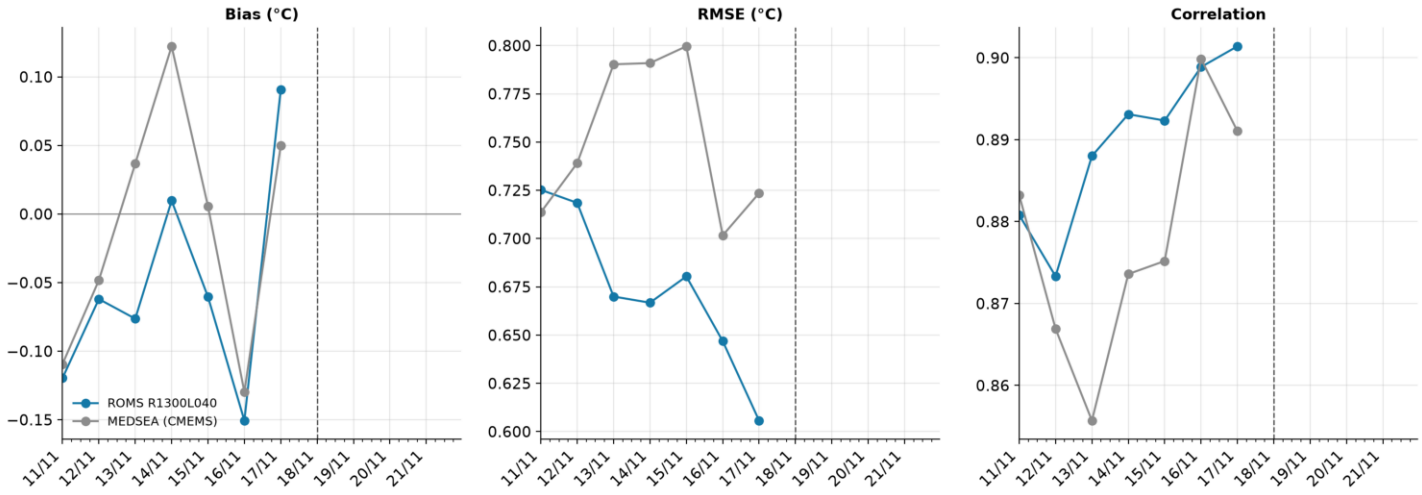
Argo: error by depth



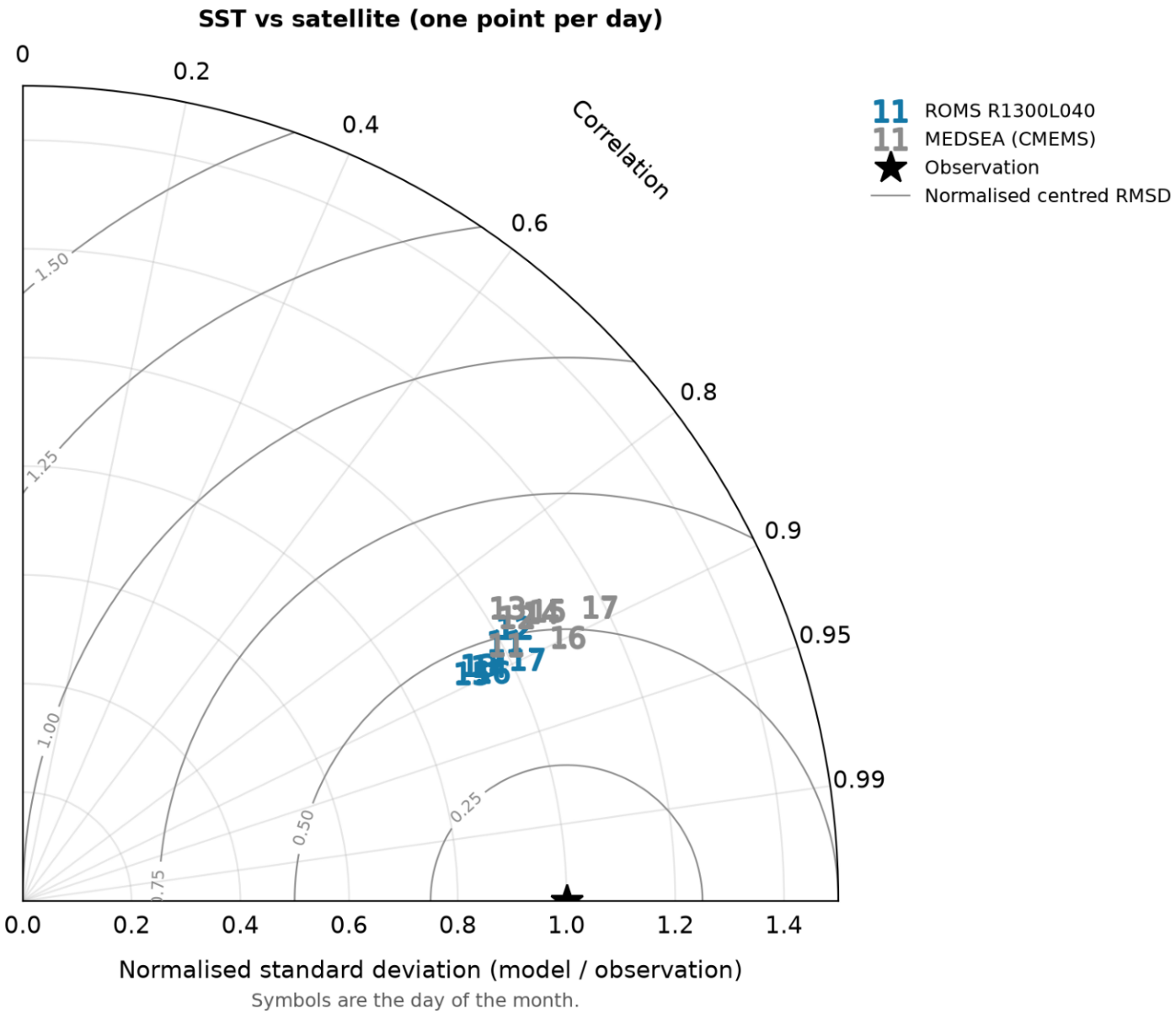
Satellite: SST



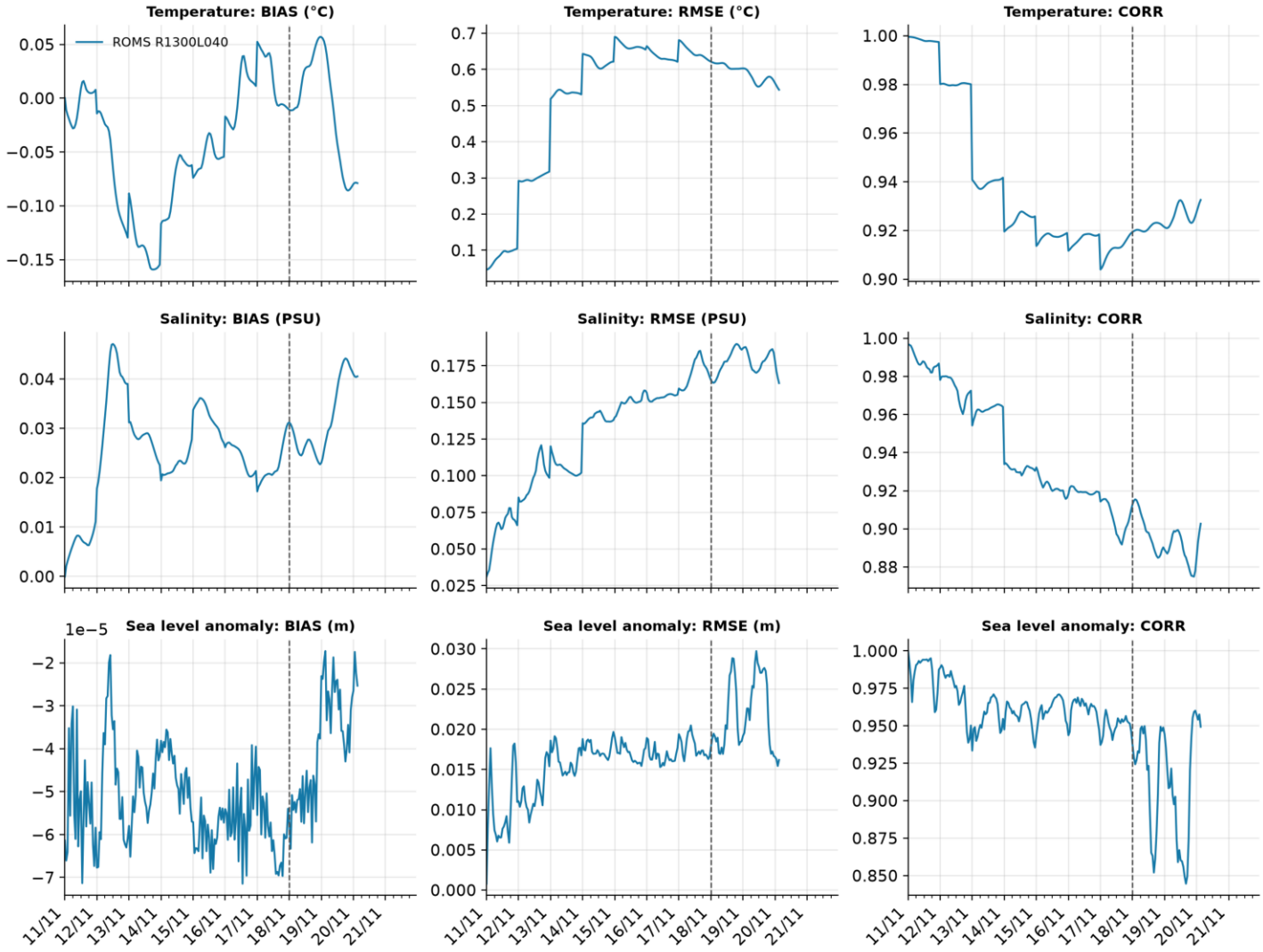
Satellite: daily statistics



Satellite: Taylor diagram



MEDSEA: statistics



MEDSEA: mean difference during the forecast

