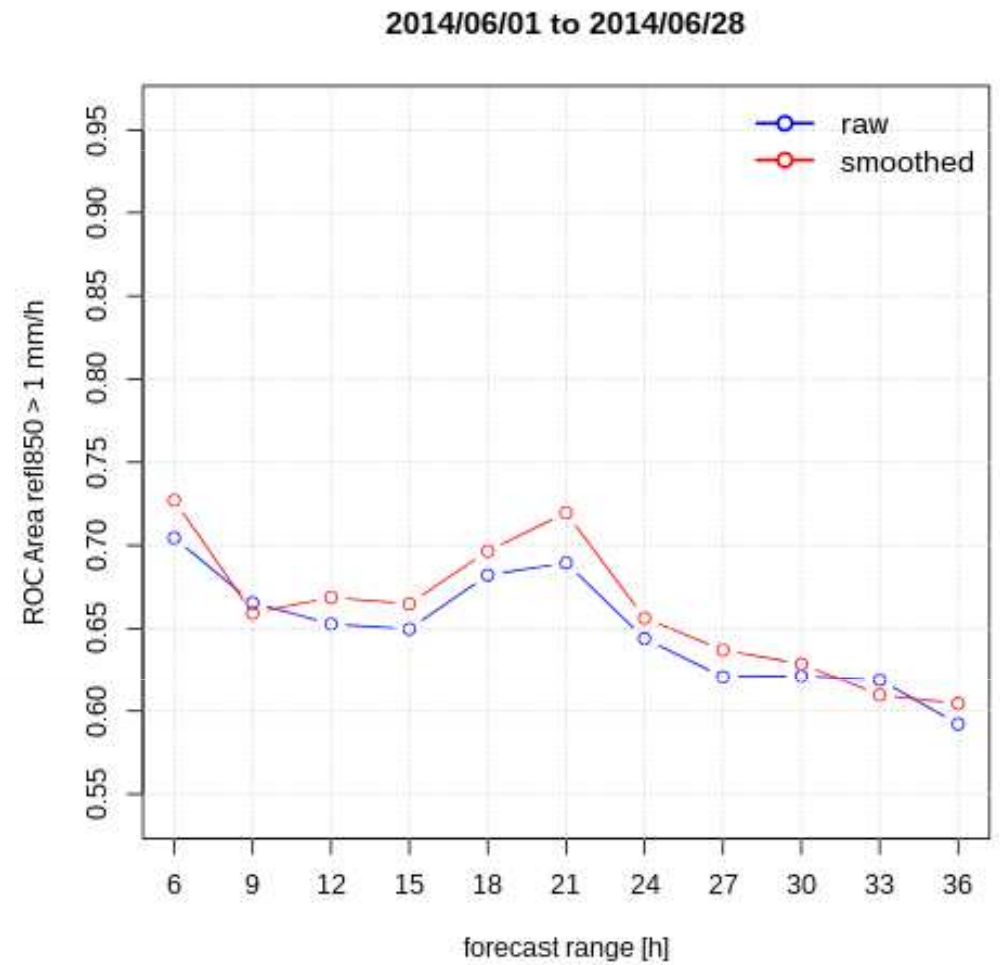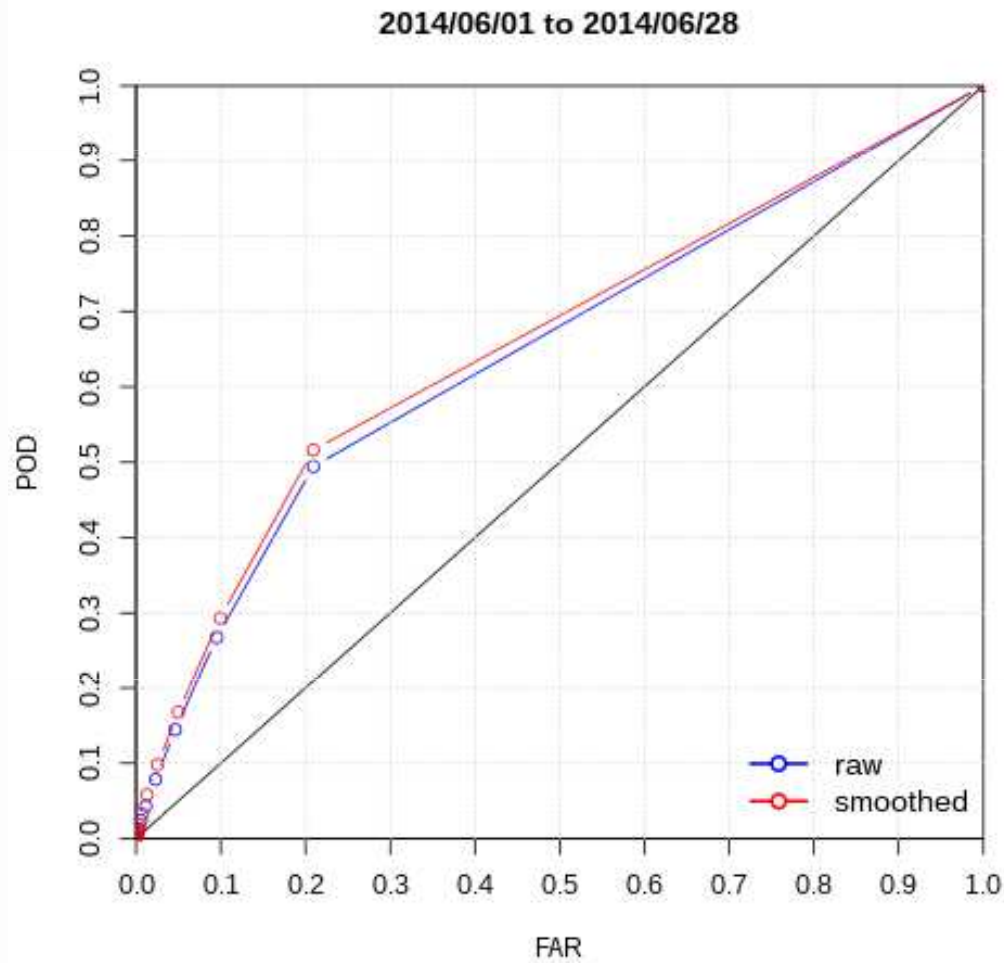# Verification of modelled radar reflectivities by the mesoscale ensemble forecast model PEAROME
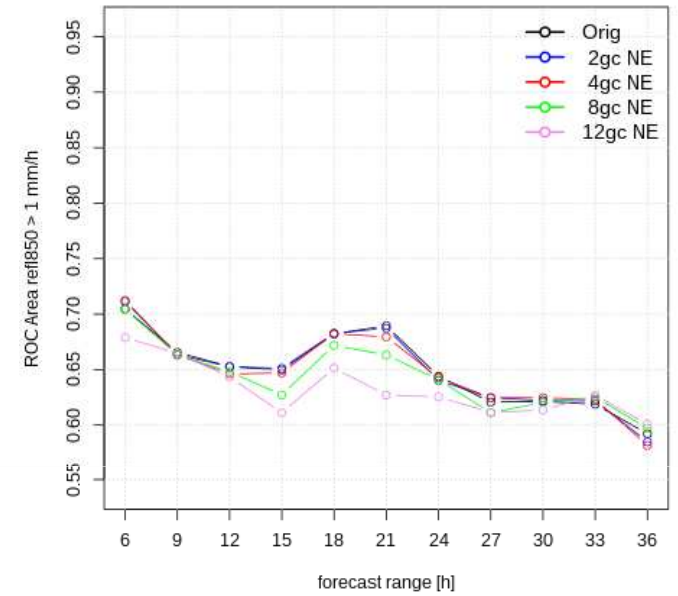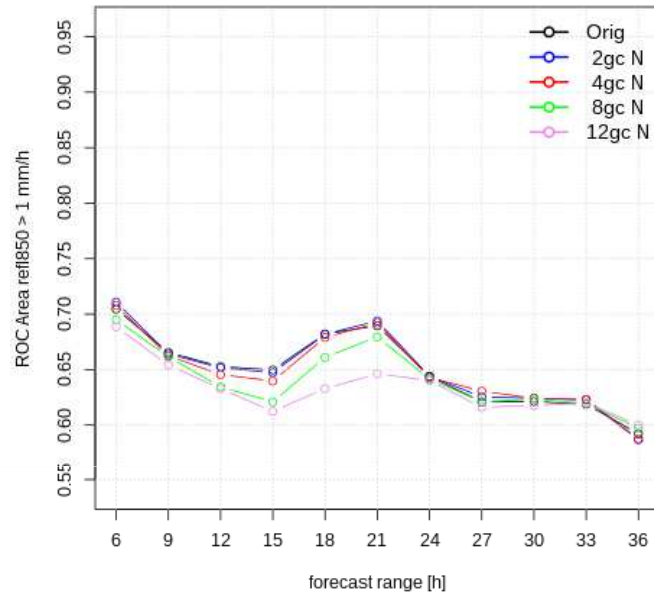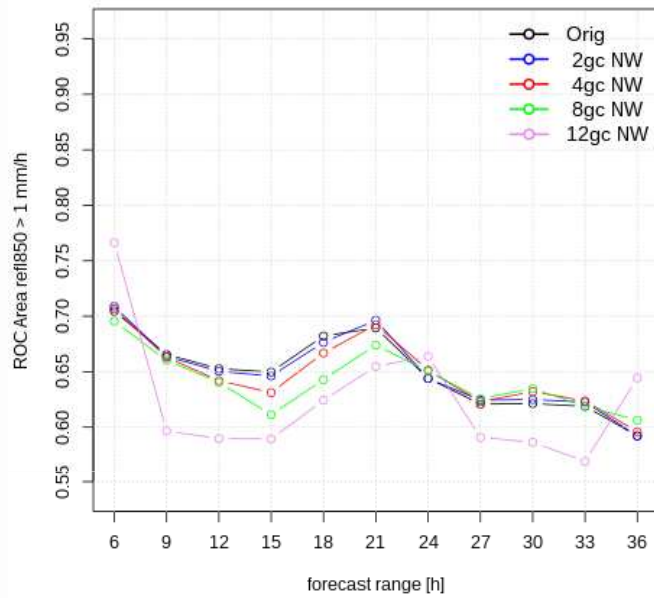
Study in framework of the Single European Sky ATM Research program SESAR-IMET

Modelled radar reflectivities from the Arome-EPS
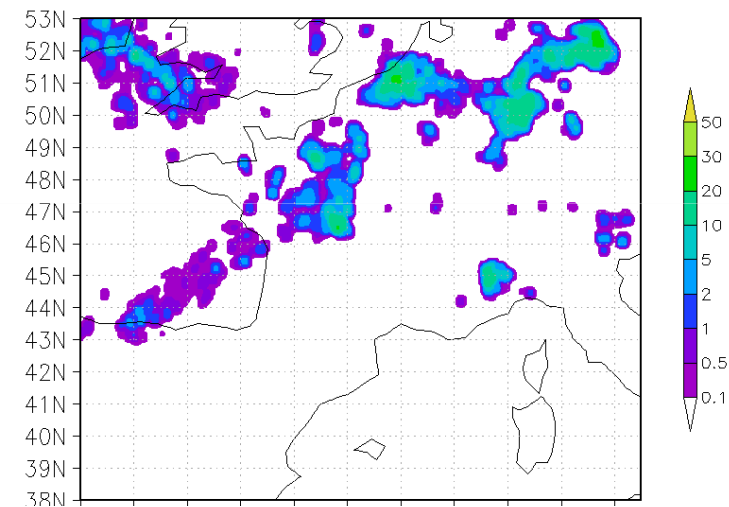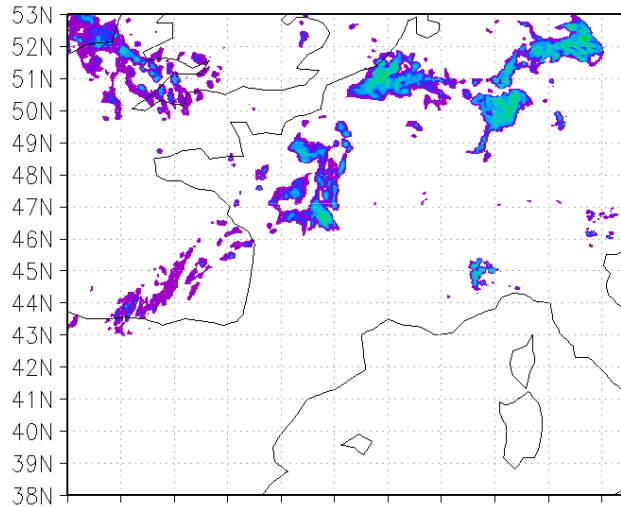
METEO FRANCE

Verification against Meteo France radar mosaic

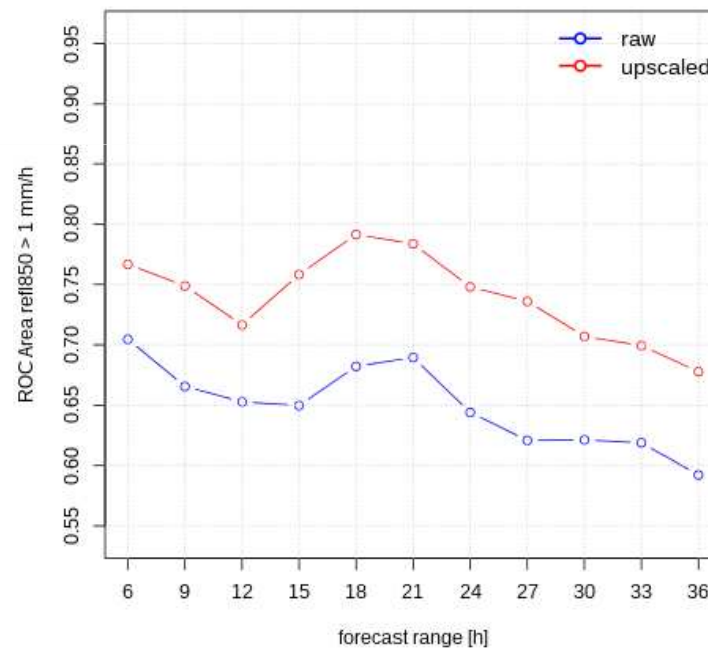# Study of spatial uncertainties by shifting of forecasts

Upscaling lead to improvement in forecast scores
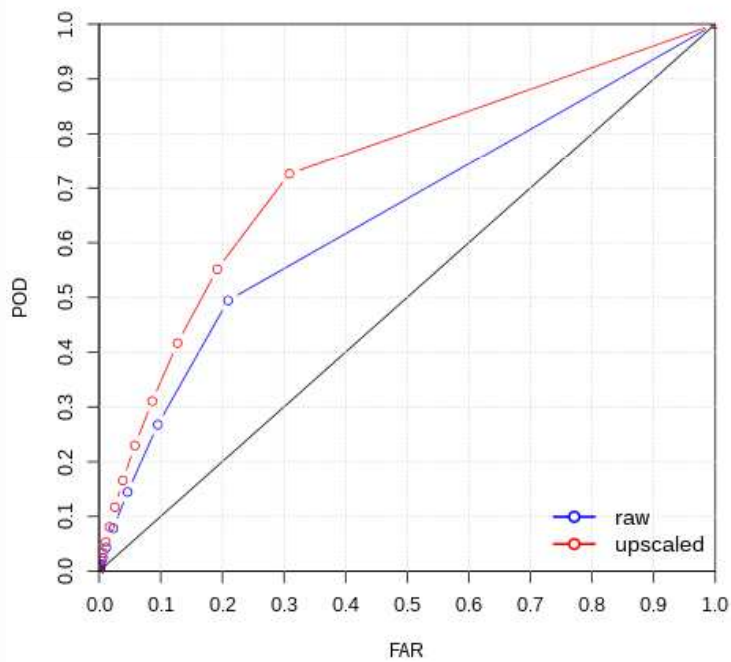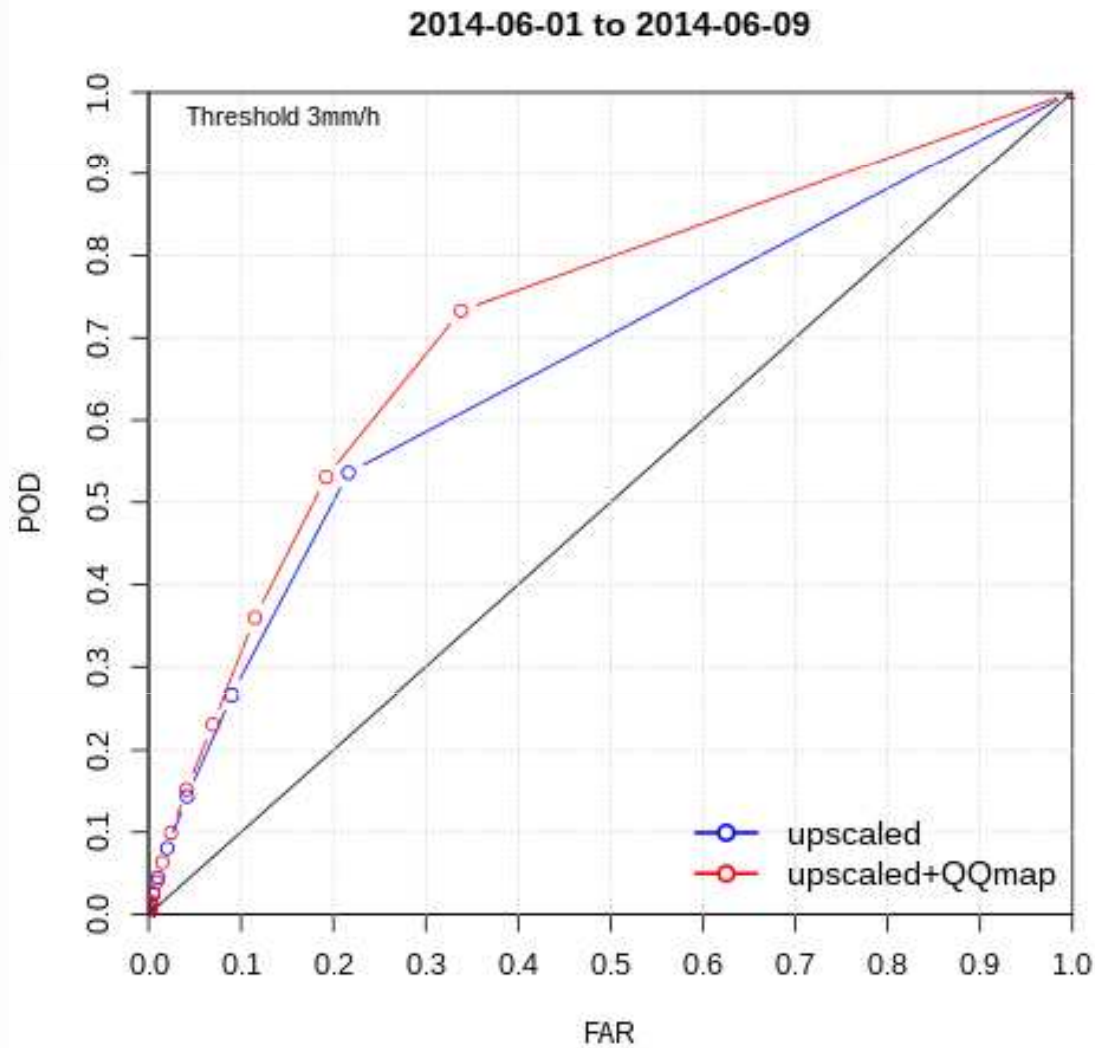
Improvements by applying Q2Q mapping on upscaled forecasts

2014-06-01 to 2014-06-09

Improvements by the utilisation of additional random members