

Projection steps for FGOALS-g3

Weighted trend

Mode 0

Mode 1

Residual

hist-GHG

hist-aer

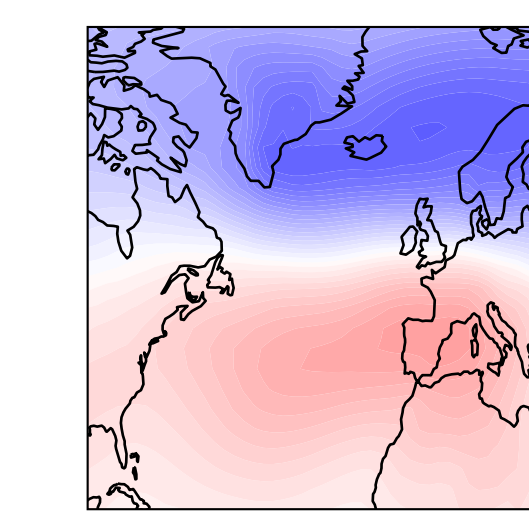
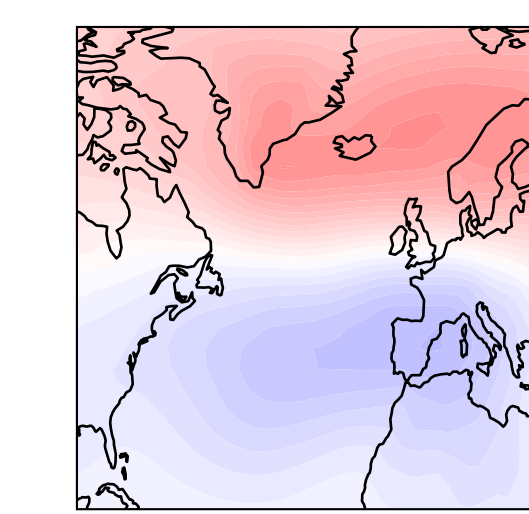
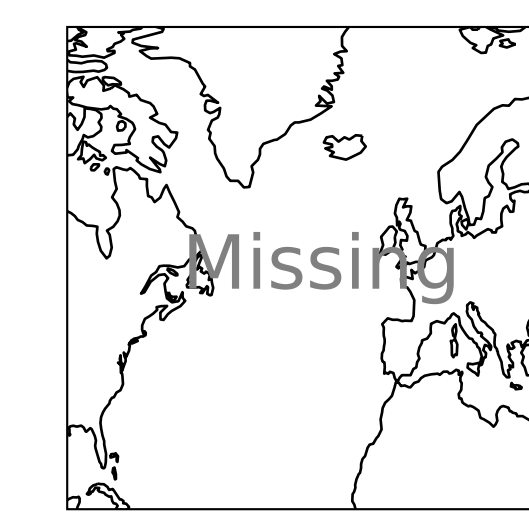
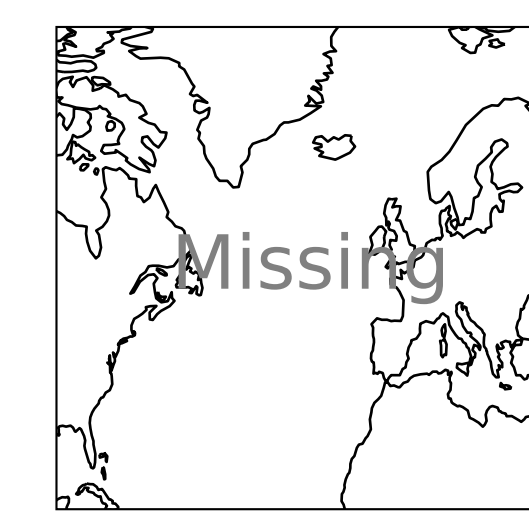
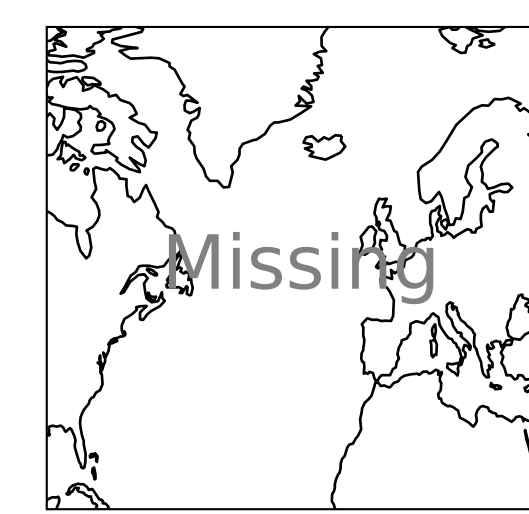
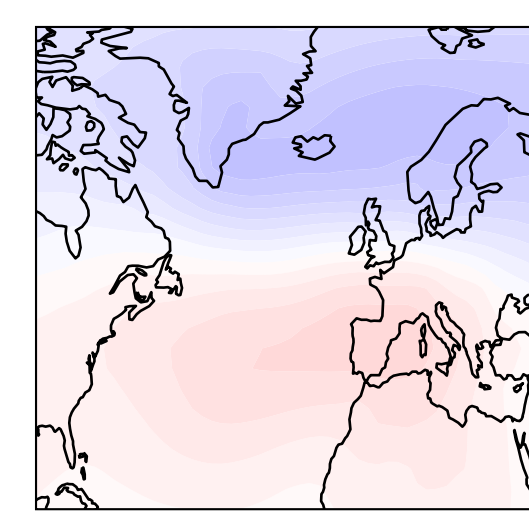
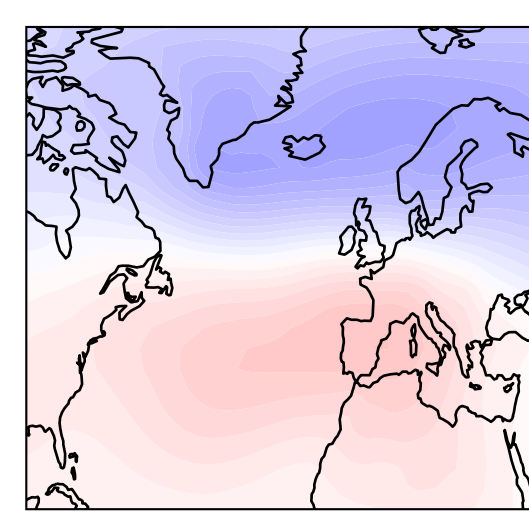
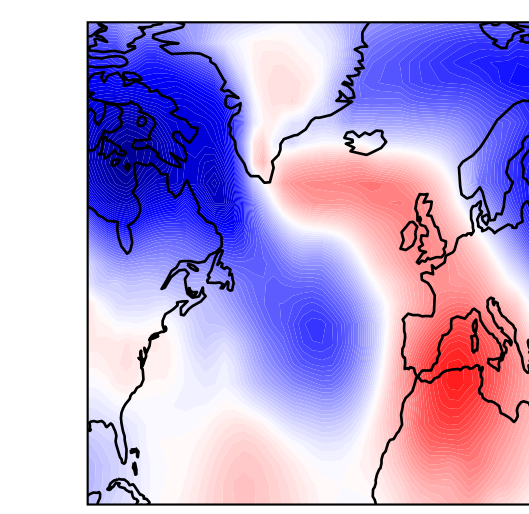
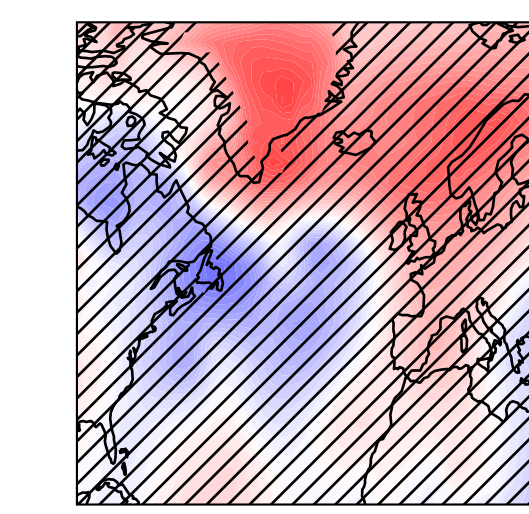
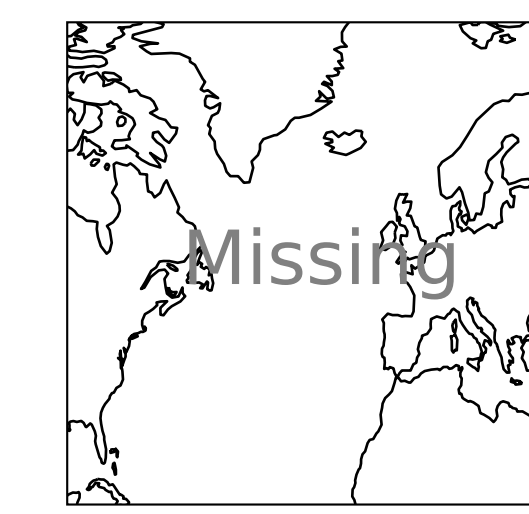
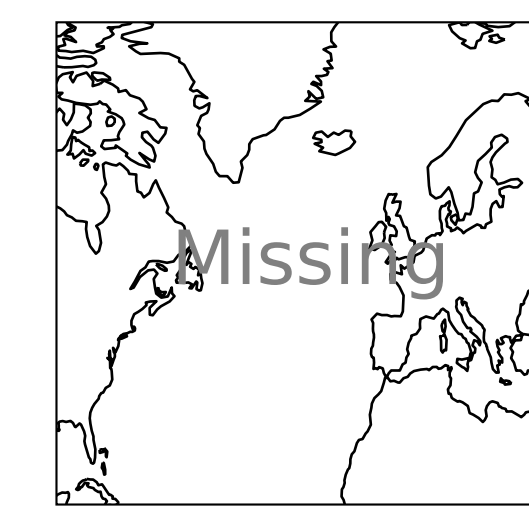
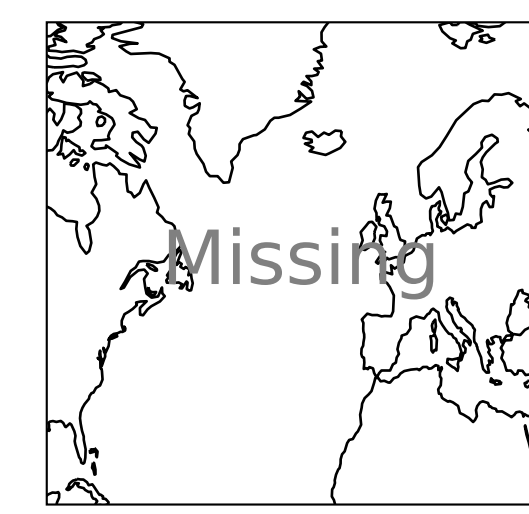
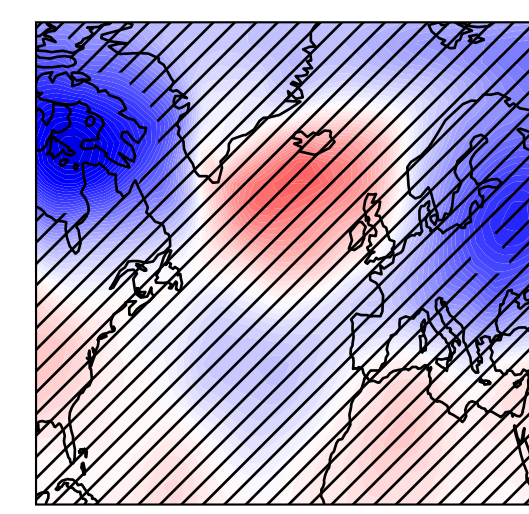
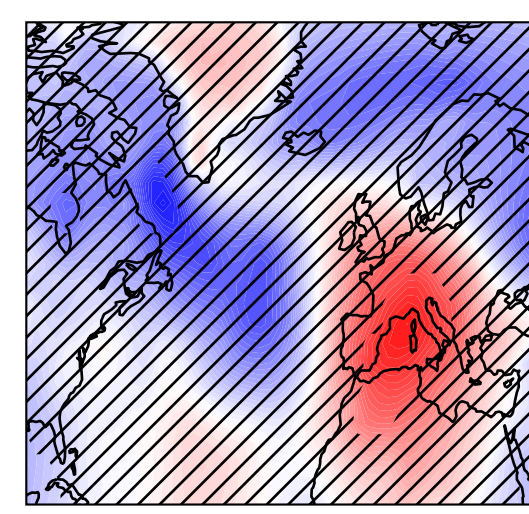
hist-sol

hist-totalO3

hist-volc

historical

sum



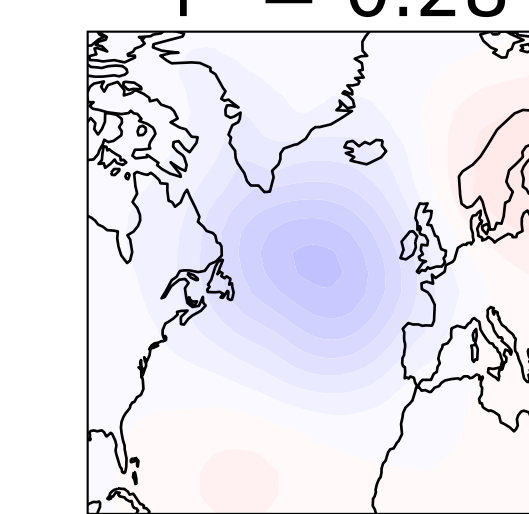
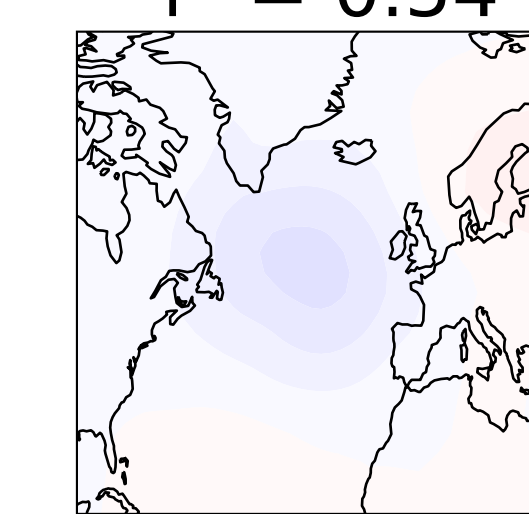
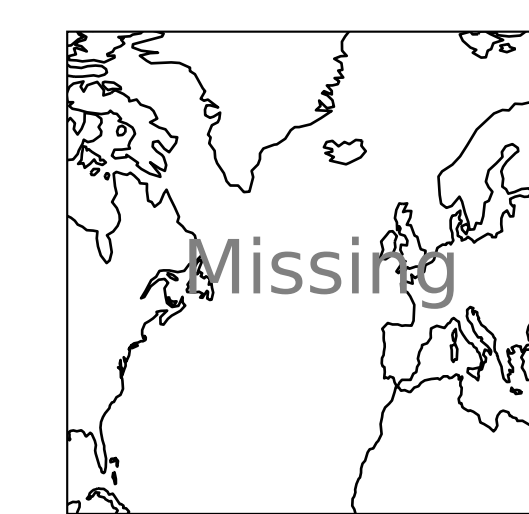
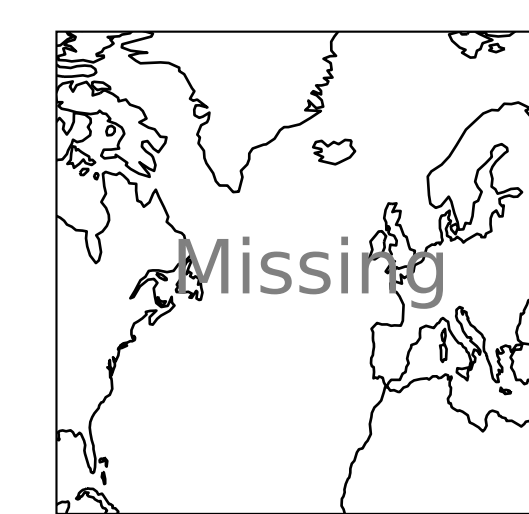
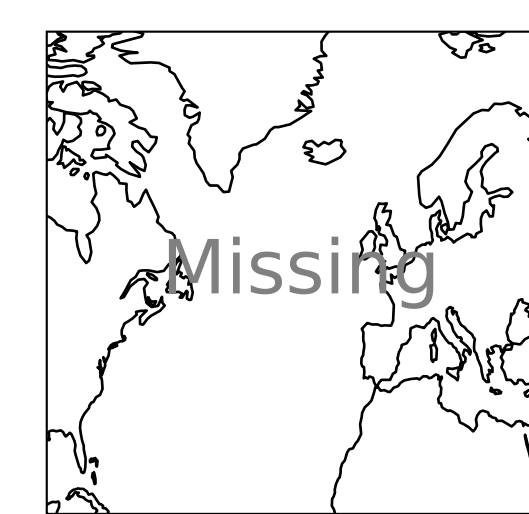
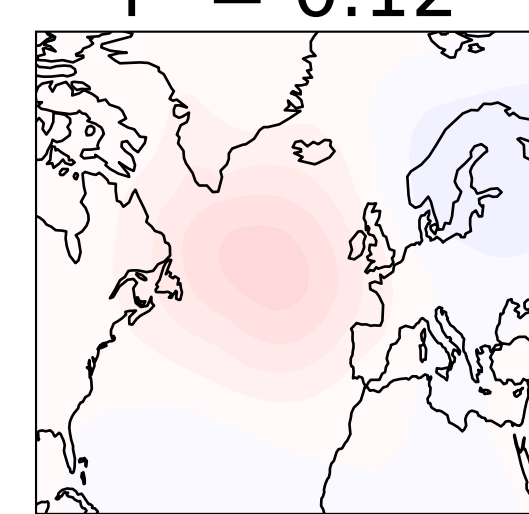
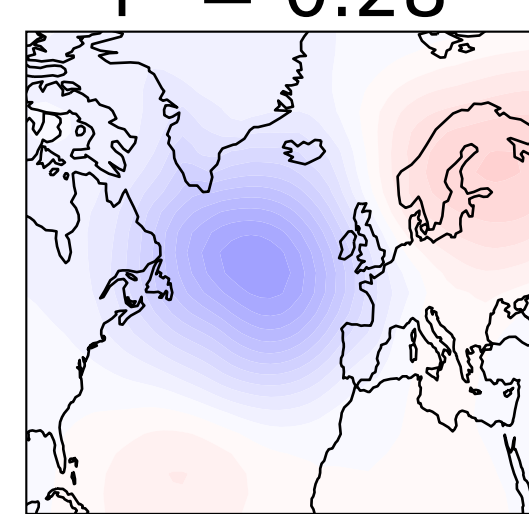
$r^2 = 0.28$

$r^2 = 0.12$



$r^2 = 0.54$

$r^2 = 0.28$



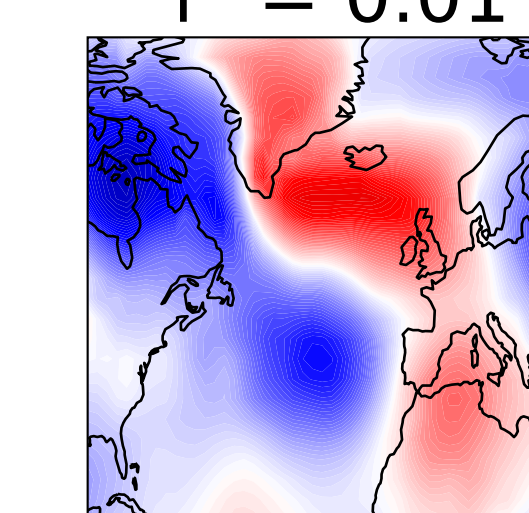
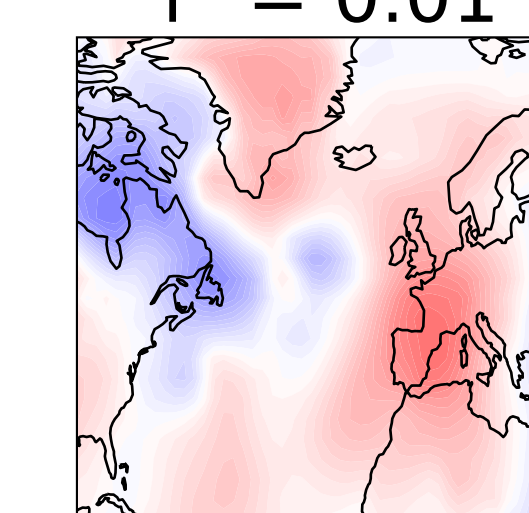
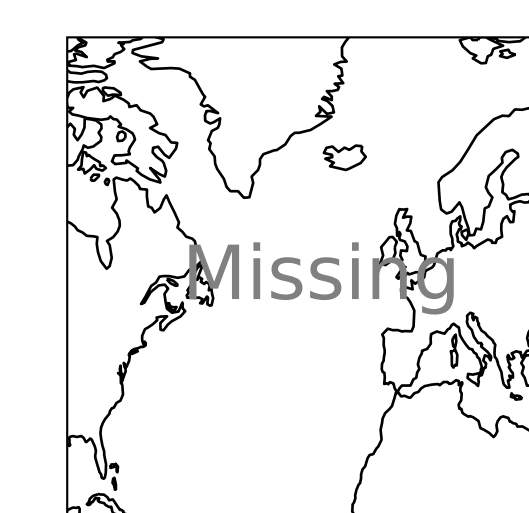
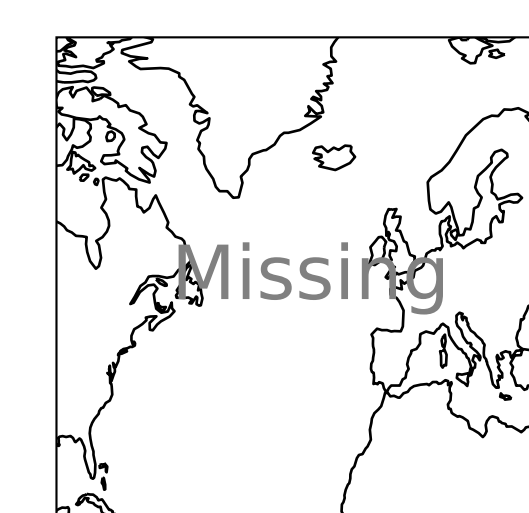
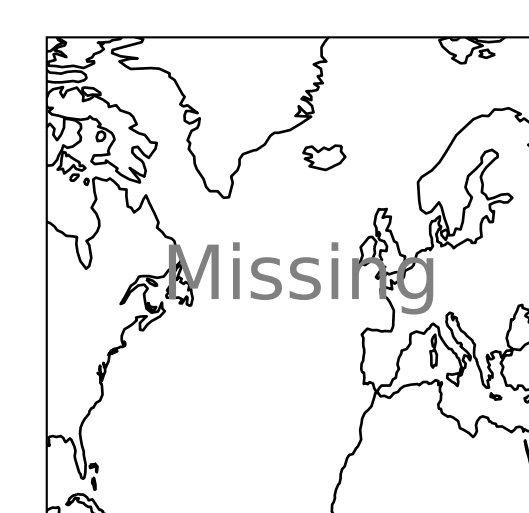
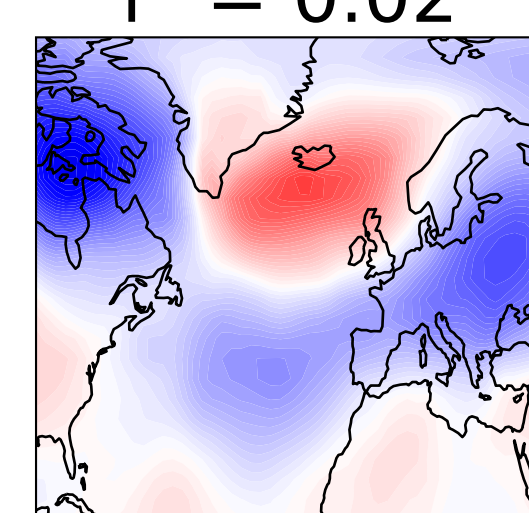
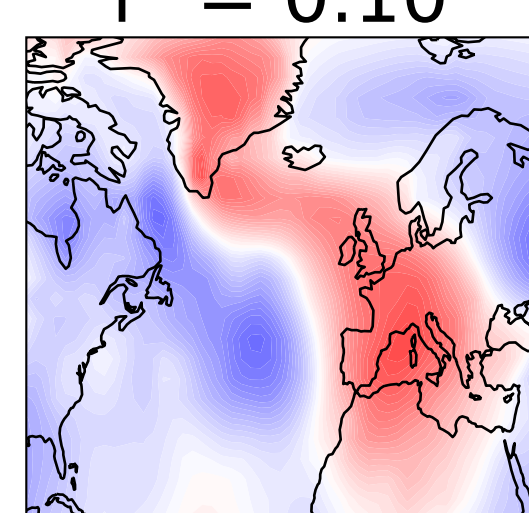
$r^2 = 0.10$

$r^2 = 0.02$



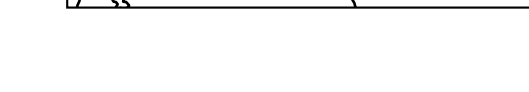
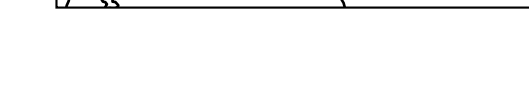
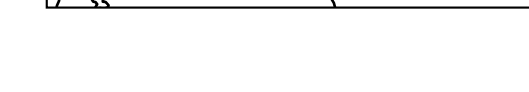
$r^2 = 0.01$

$r^2 = 0.01$



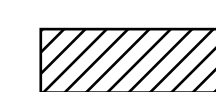
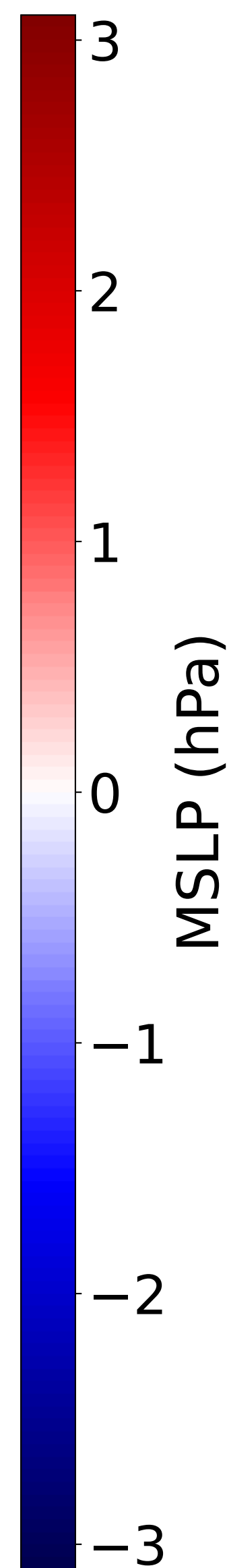
$r^2 = 0.63$

$r^2 = 0.86$



$r^2 = 0.44$

$r^2 = 0.71$



Non-Significant trend (p-value > 0.05)