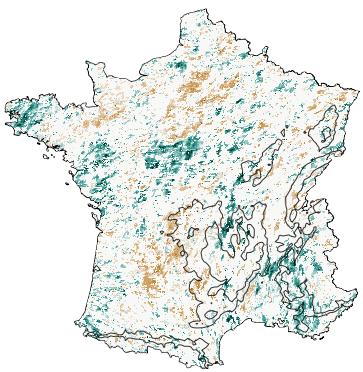


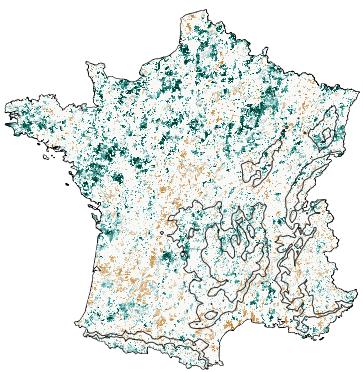
**OND**

$r = 0.15$  (n= 225)  
 $ME = -13.64\%$



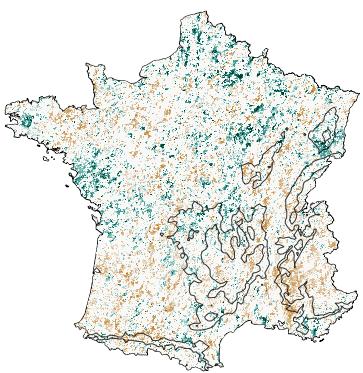
**AMJ**

$r = 0.14$  (n= 298)  
 $ME = -59.81\%$



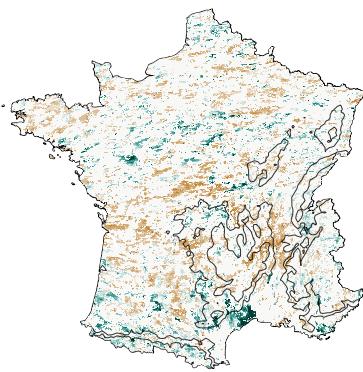
**HYDRO**

$r = 0.12$  (n= 193)  
 $ME = -29.01\%$



**JFM**

$r = -0.02$  (n= 200)  
 $ME = -7.86\%$



**JAS**

$r = -0.04$  (n= 246)  
 $ME = -18.91\%$

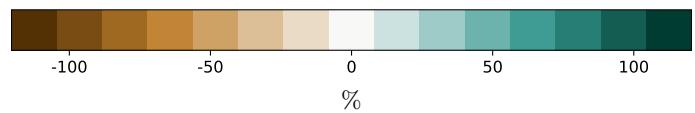
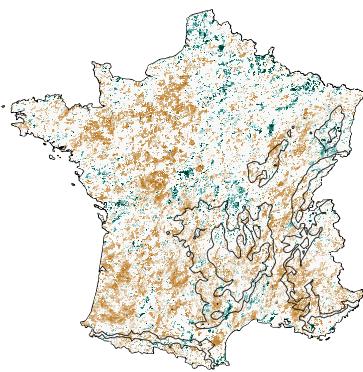


Figure 6: Seasonal analysis of relative trends from 1995 to 2022 (%) in the 10-year return level between the AROME model (left) and Météo-France stations (right), with the correlation ( $r$ ), the number of stations compared (n), and the bias (ME) derived from **hourly** precipitation maxima from 1990 to 2022.