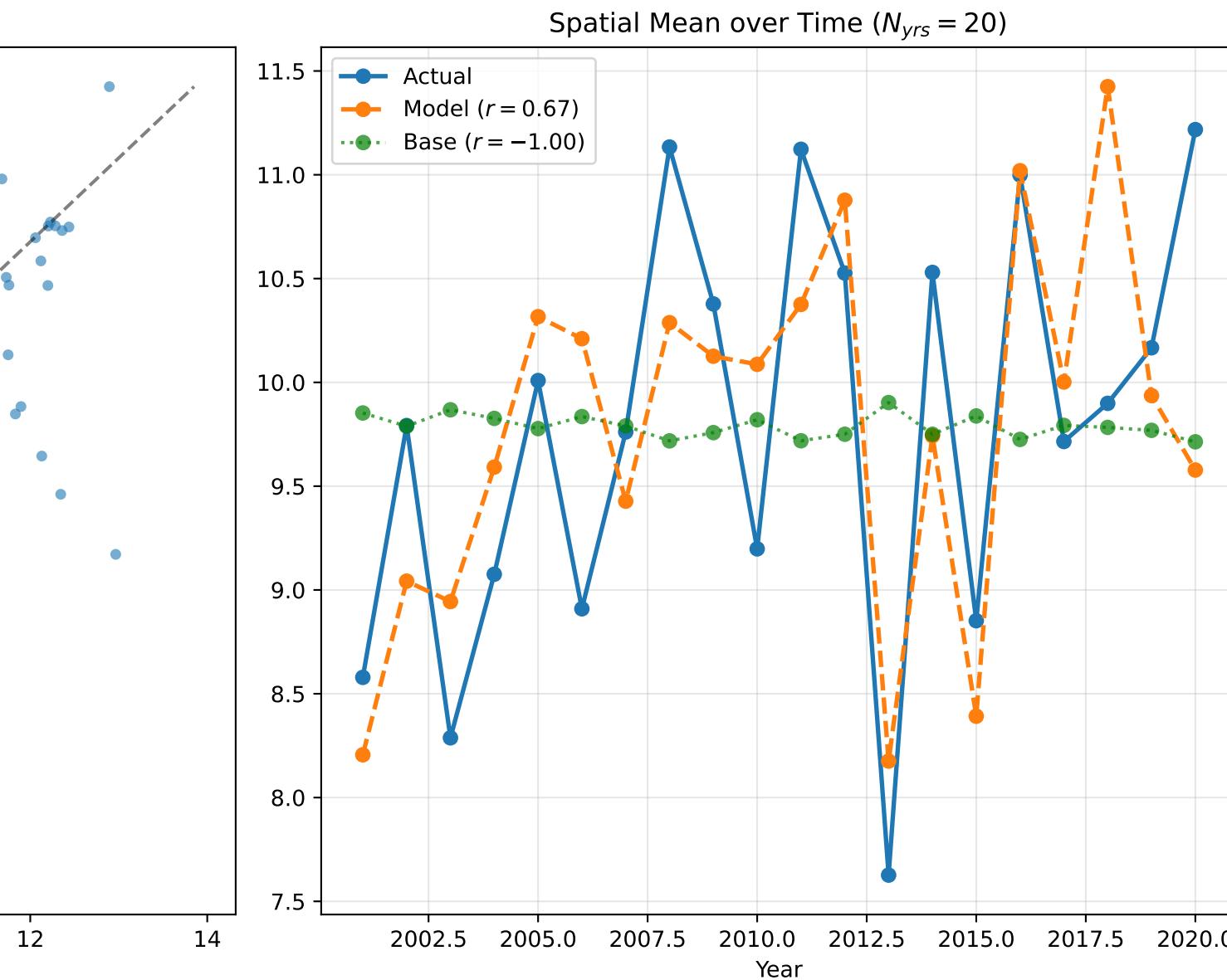
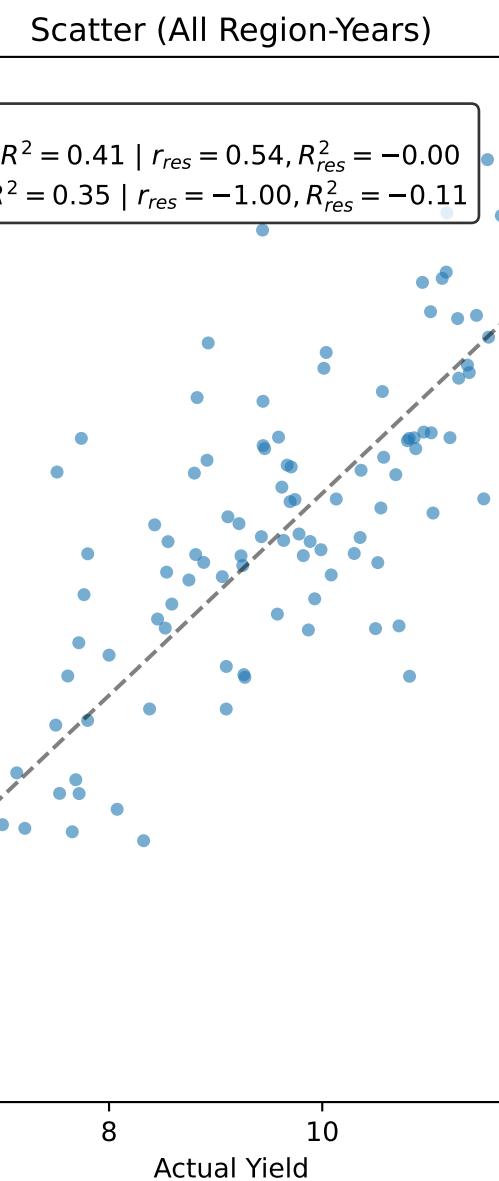
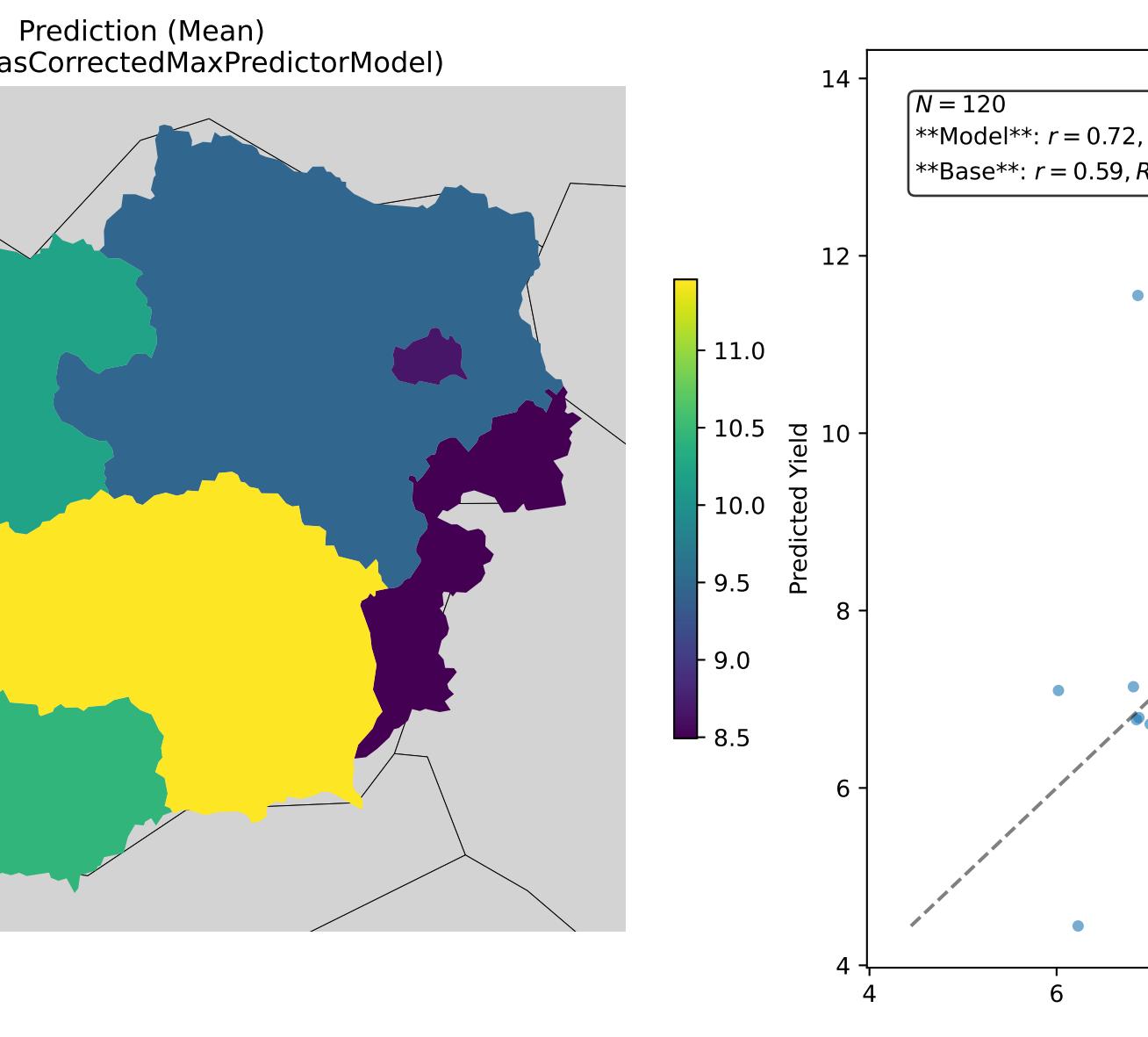
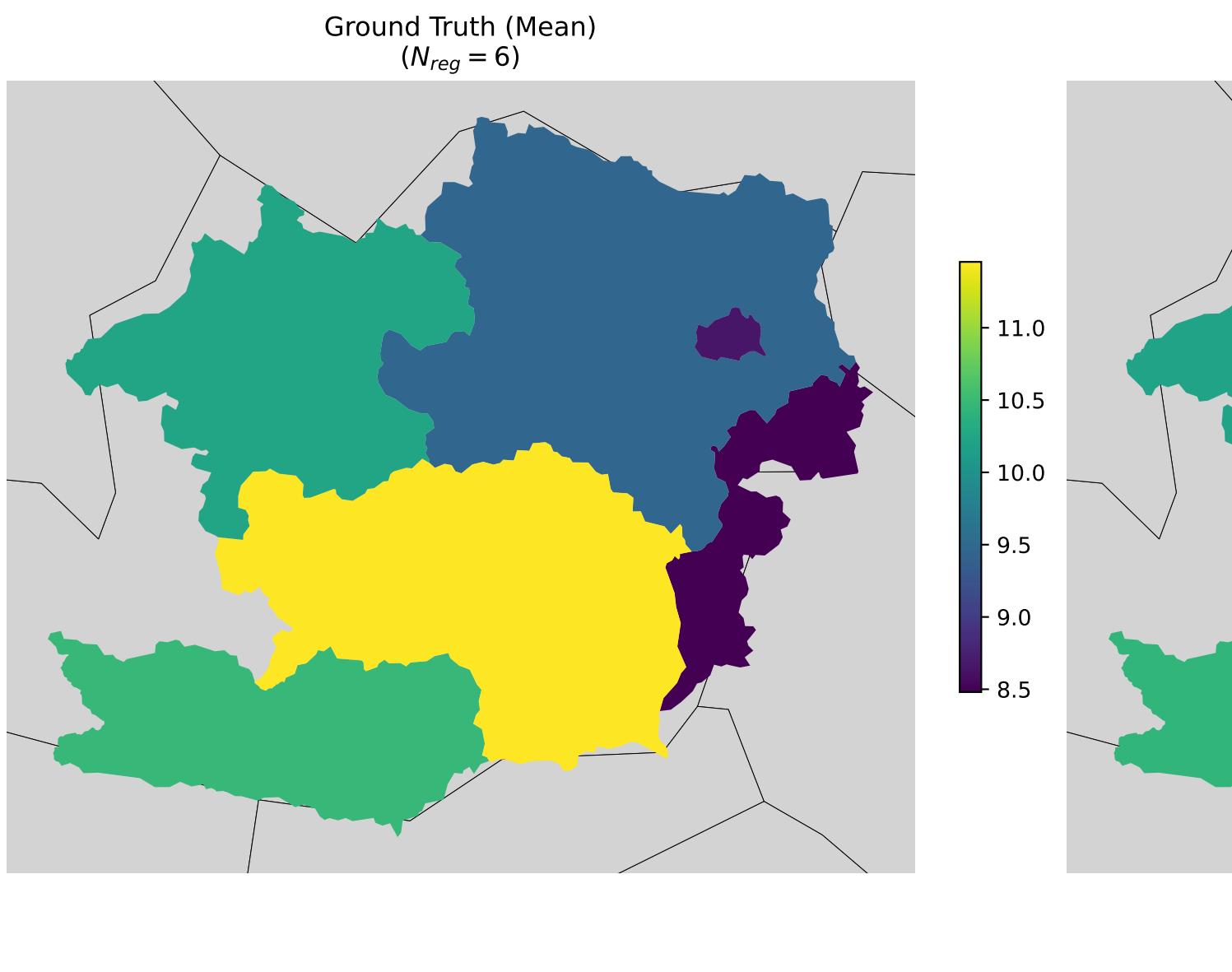
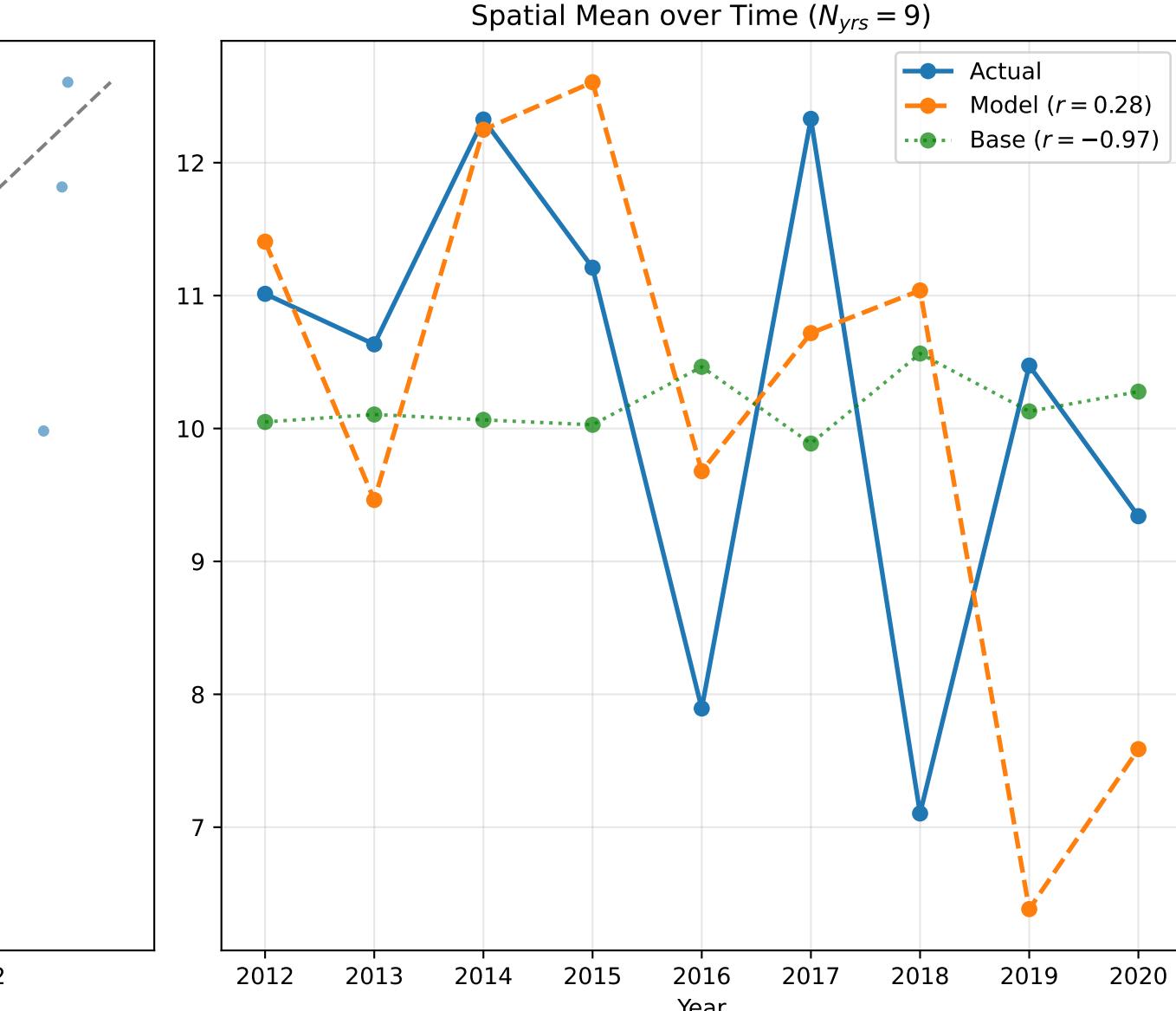
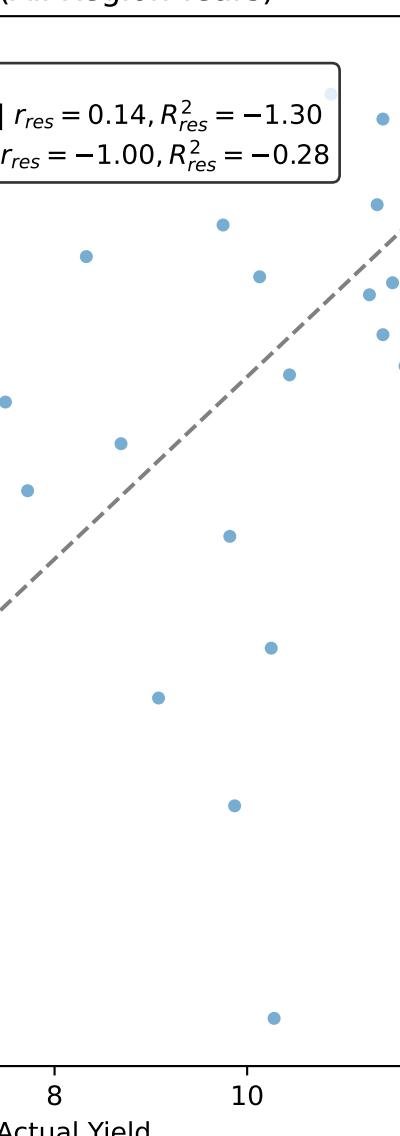
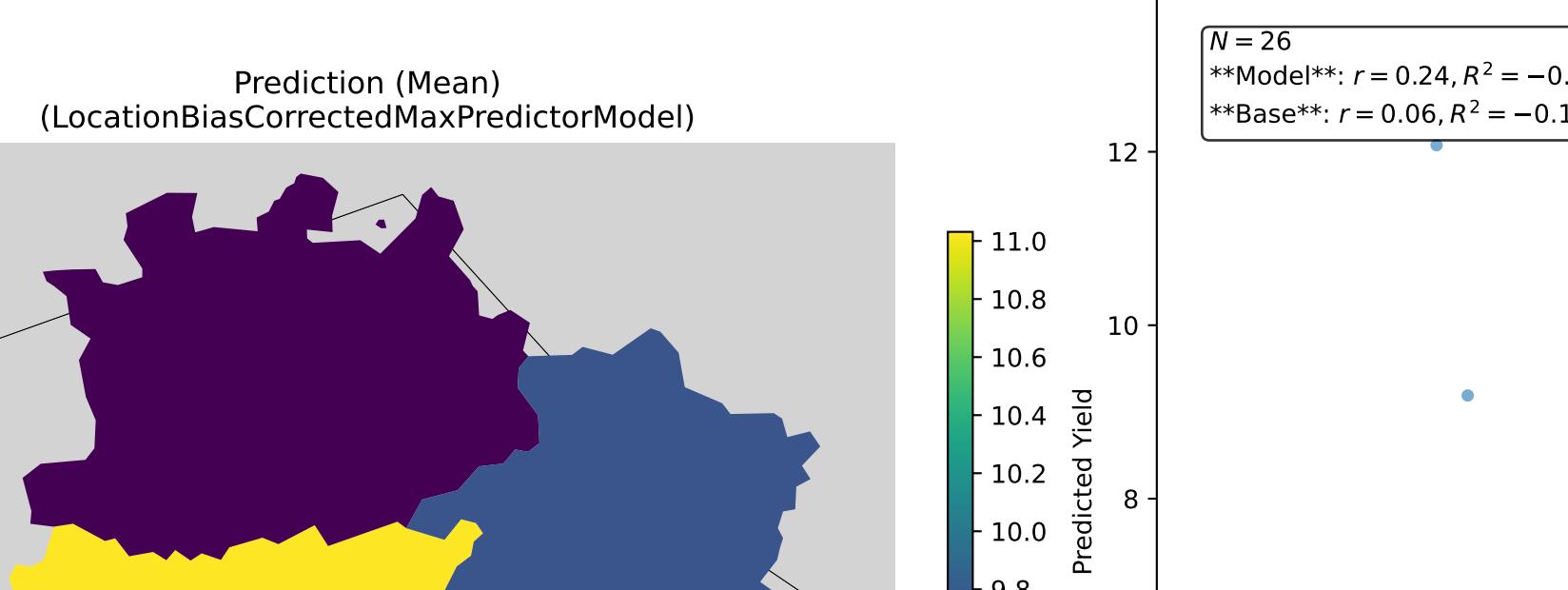
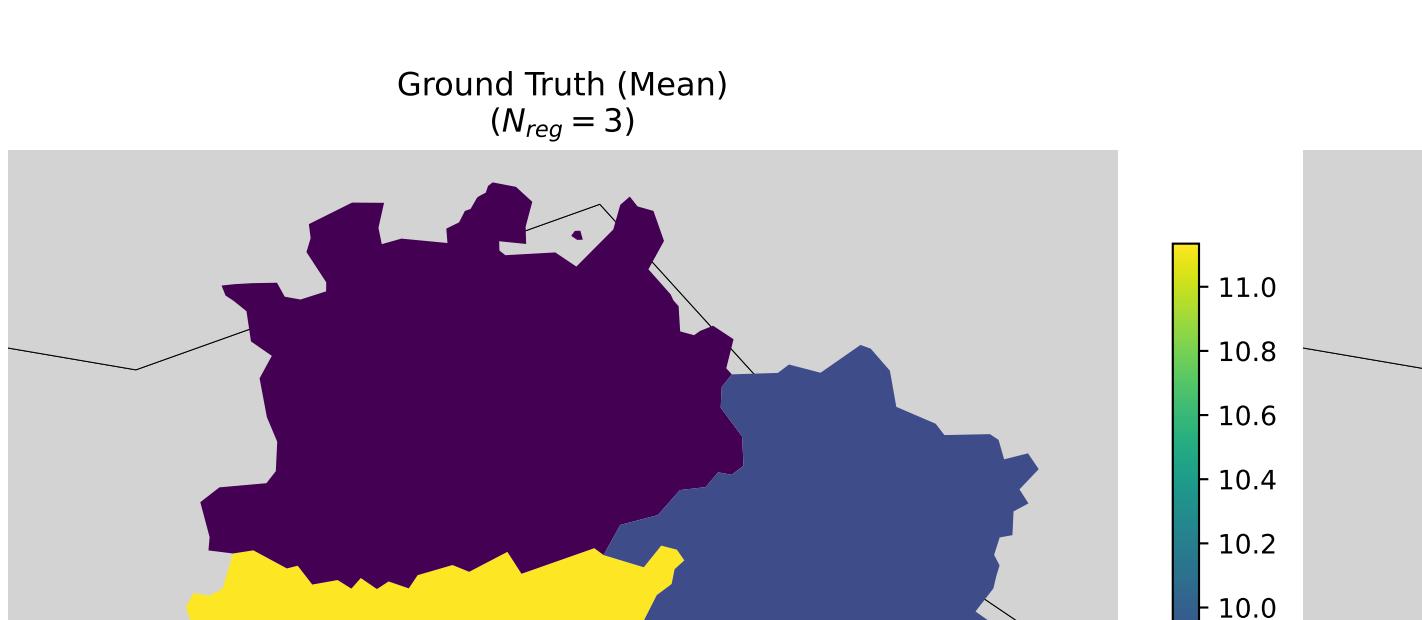


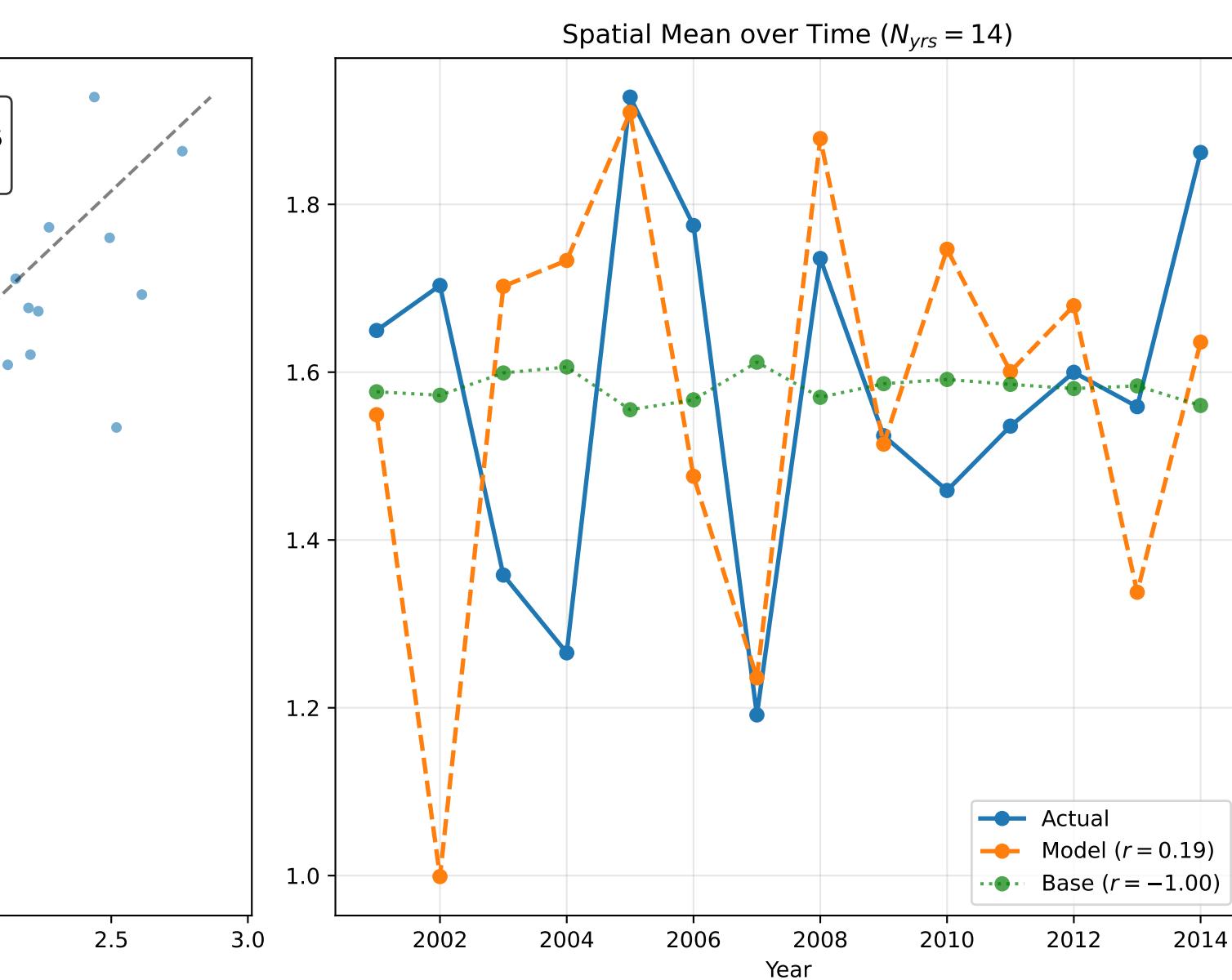
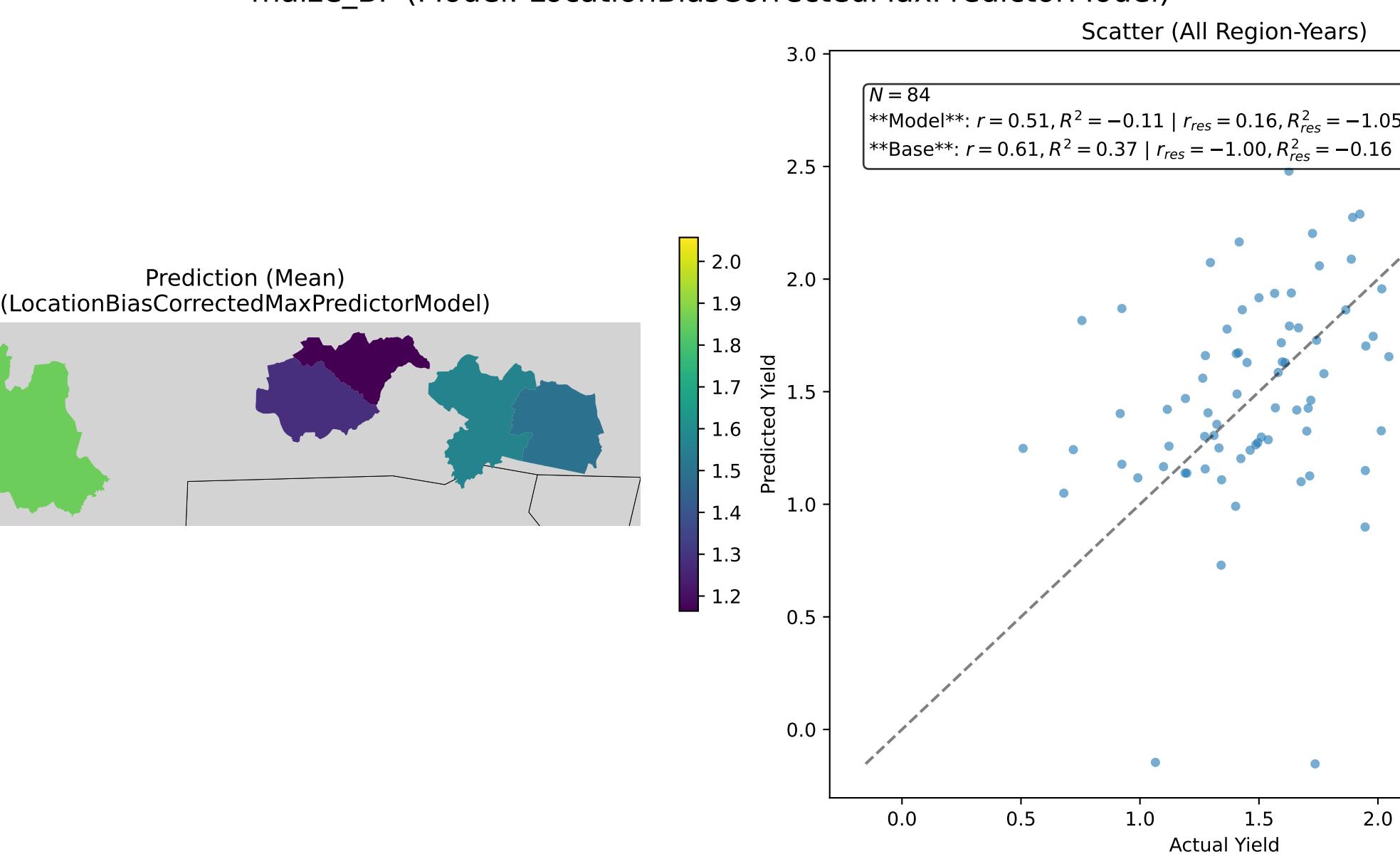
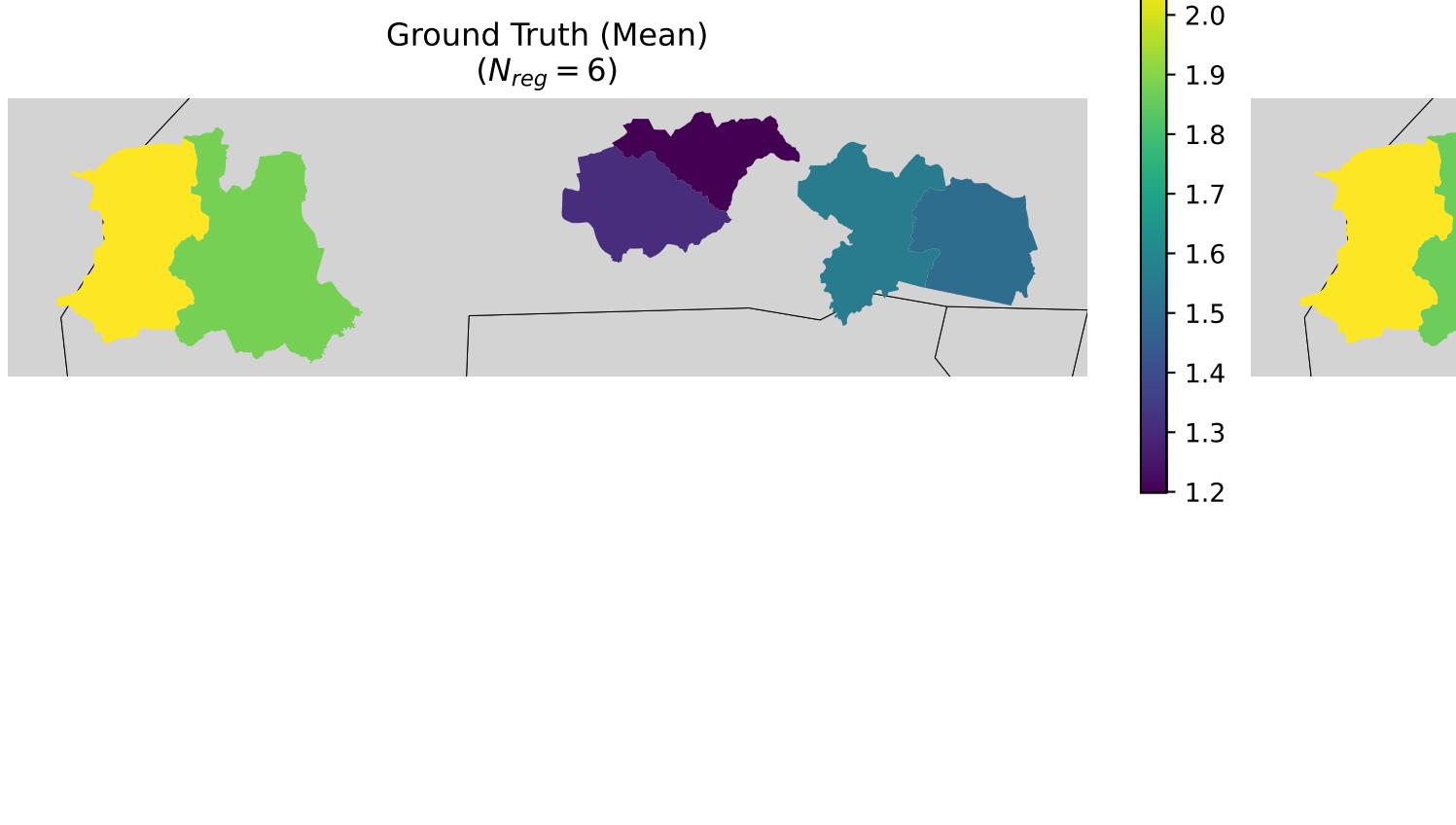
maize\_AT (Model: LocationBiasCorrectedMaxPredictorModel)



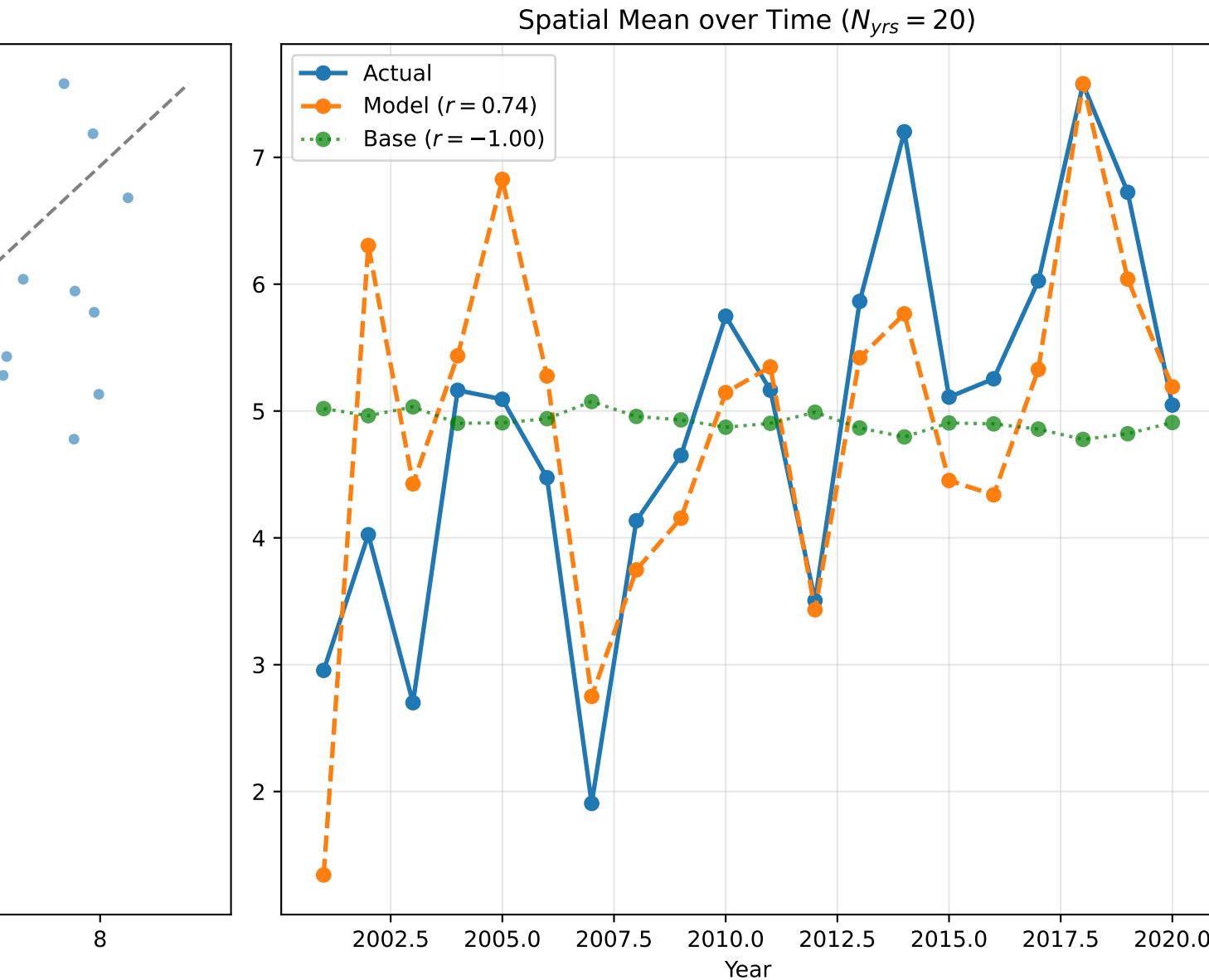
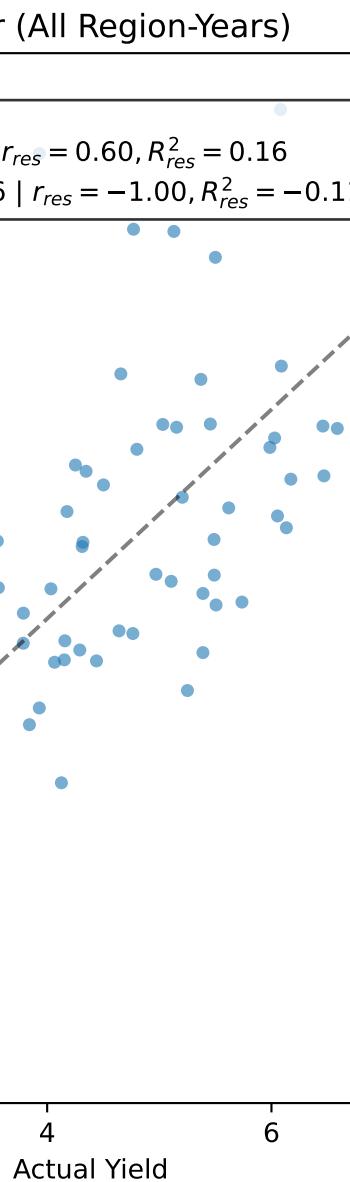
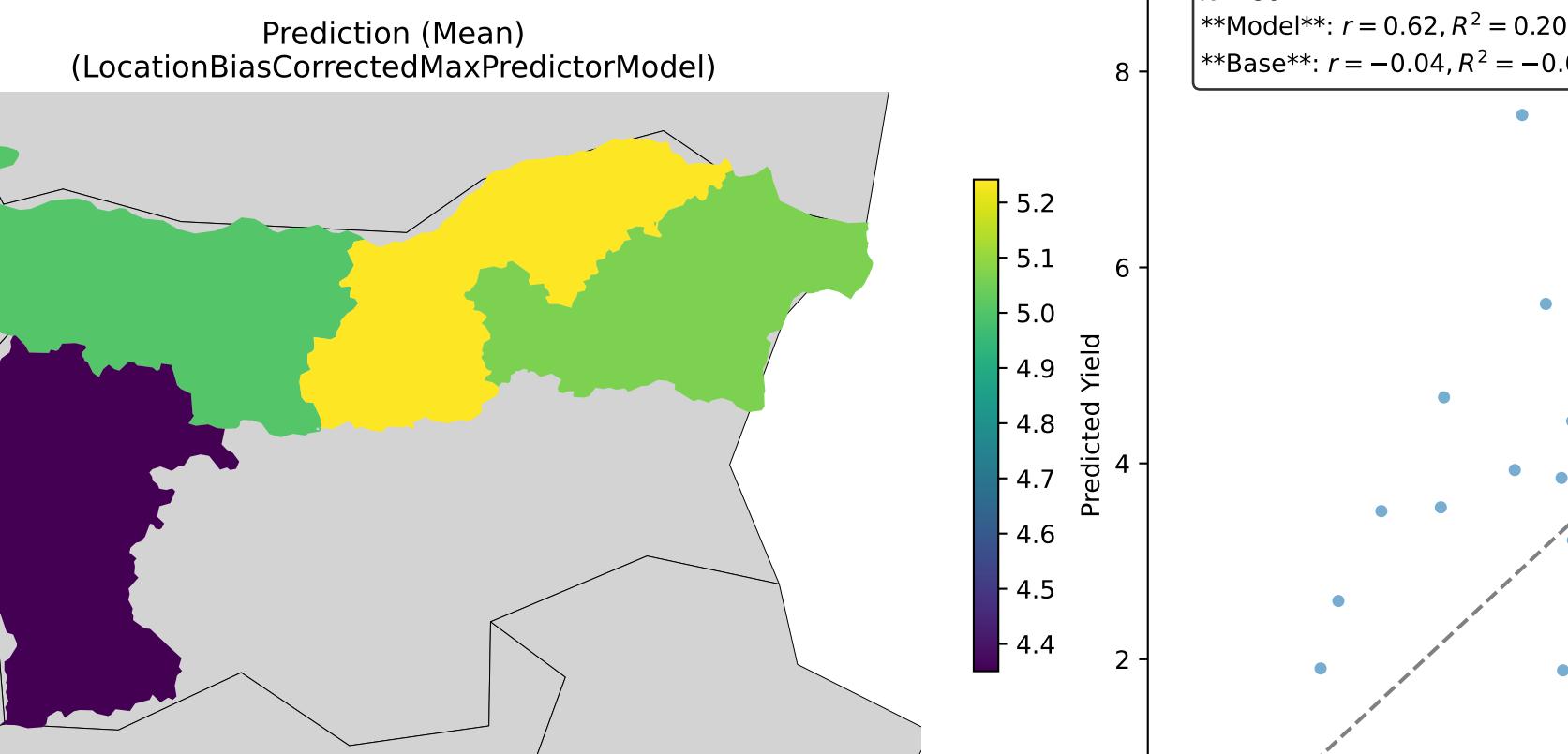
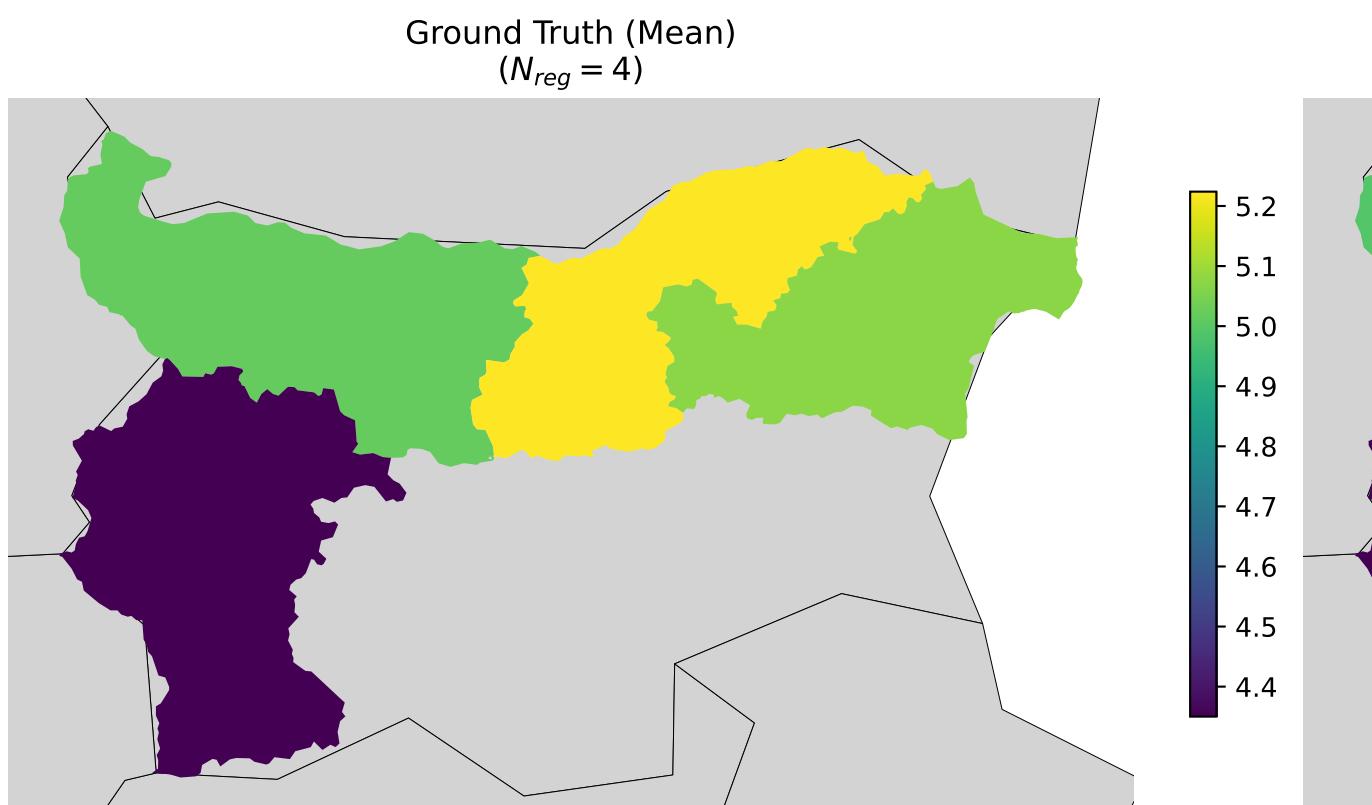
maize\_BE (Model: LocationBiasCorrectedMaxPredictorModel)

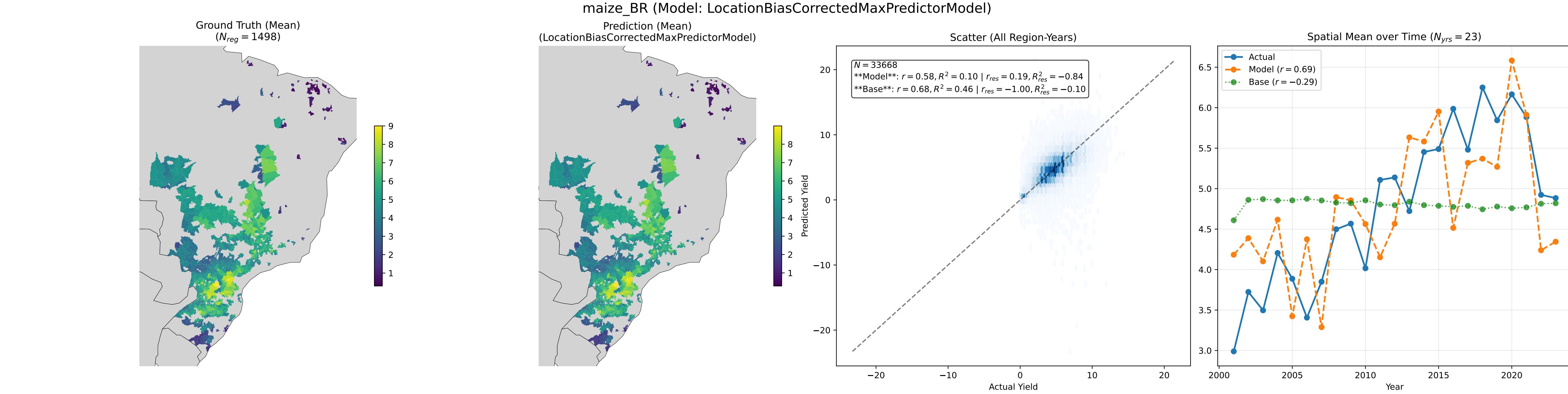


maize\_BF (Model: LocationBiasCorrectedMaxPredictorModel)

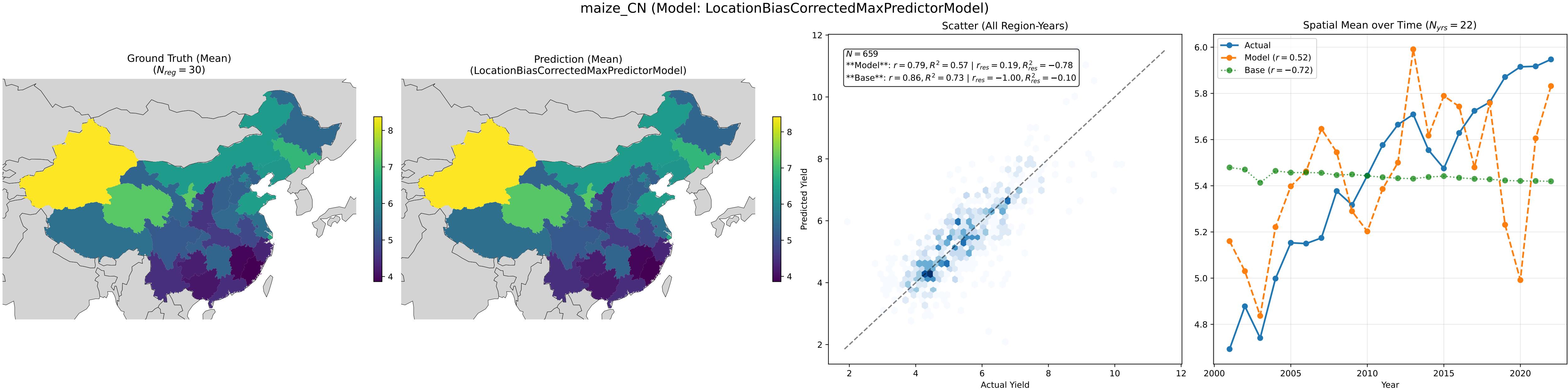


maize\_BG (Model: LocationBiasCorrectedMaxPredictorModel)

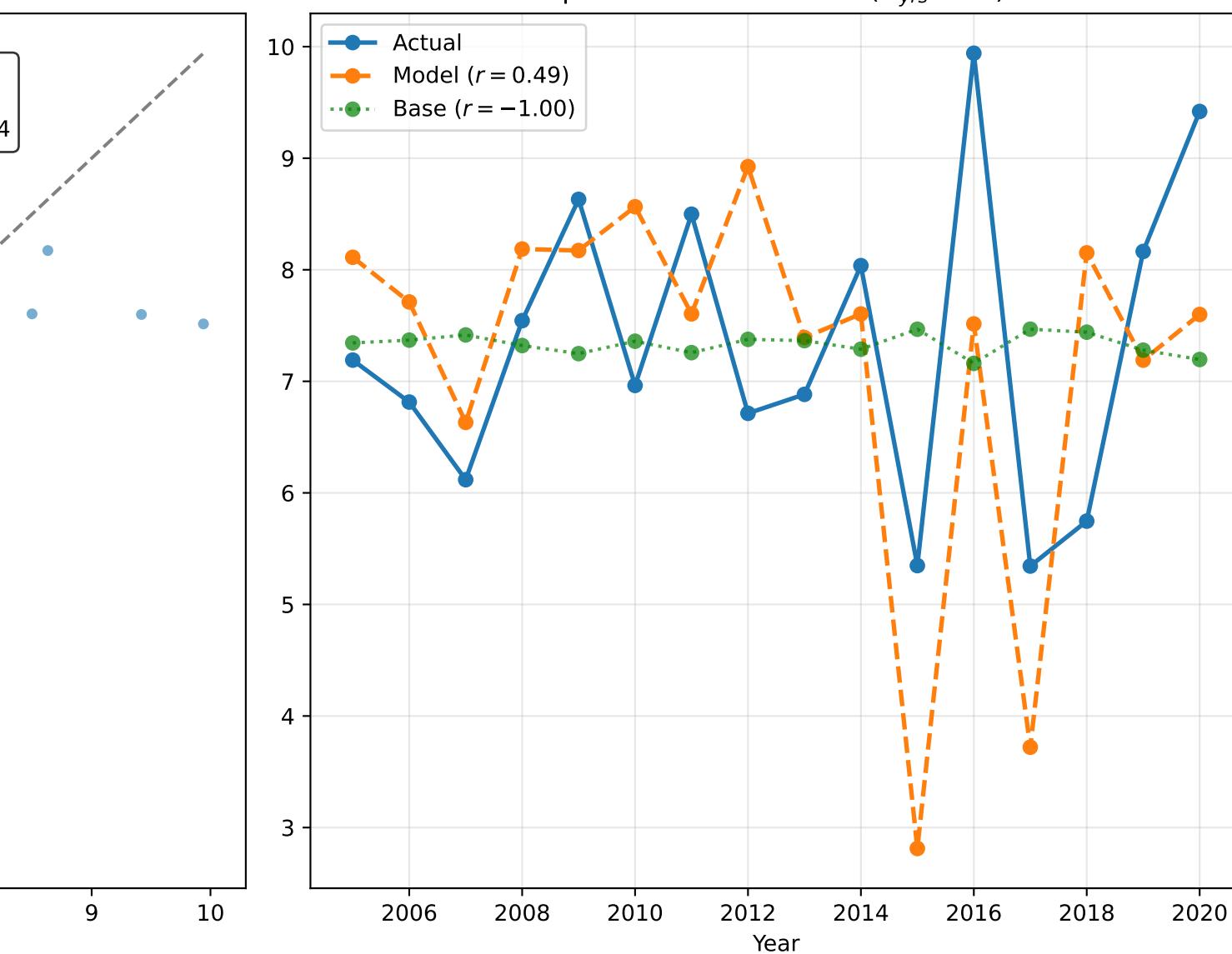
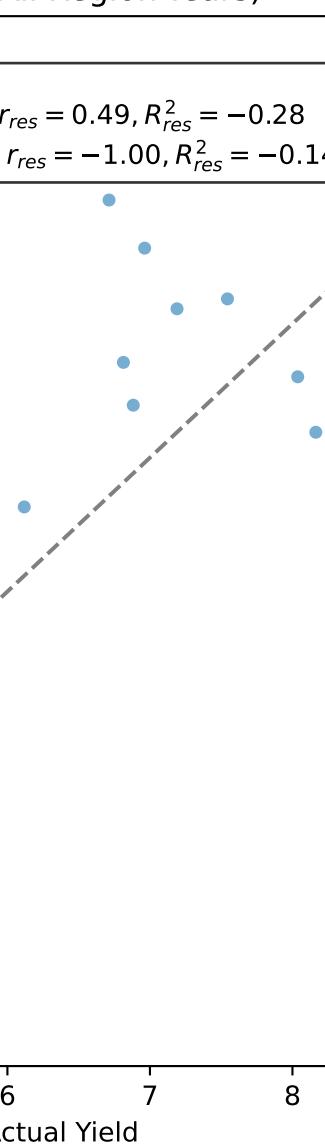
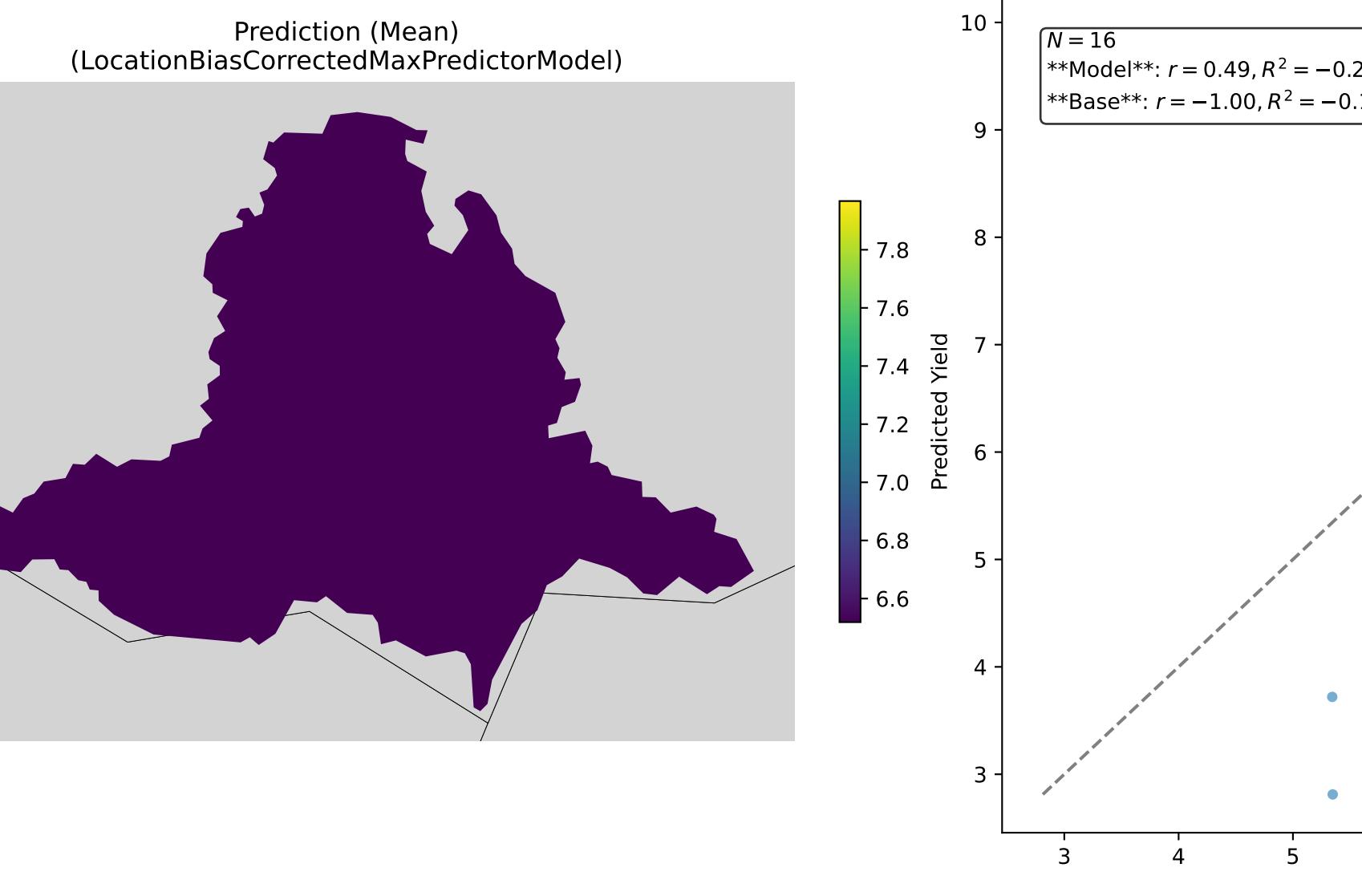
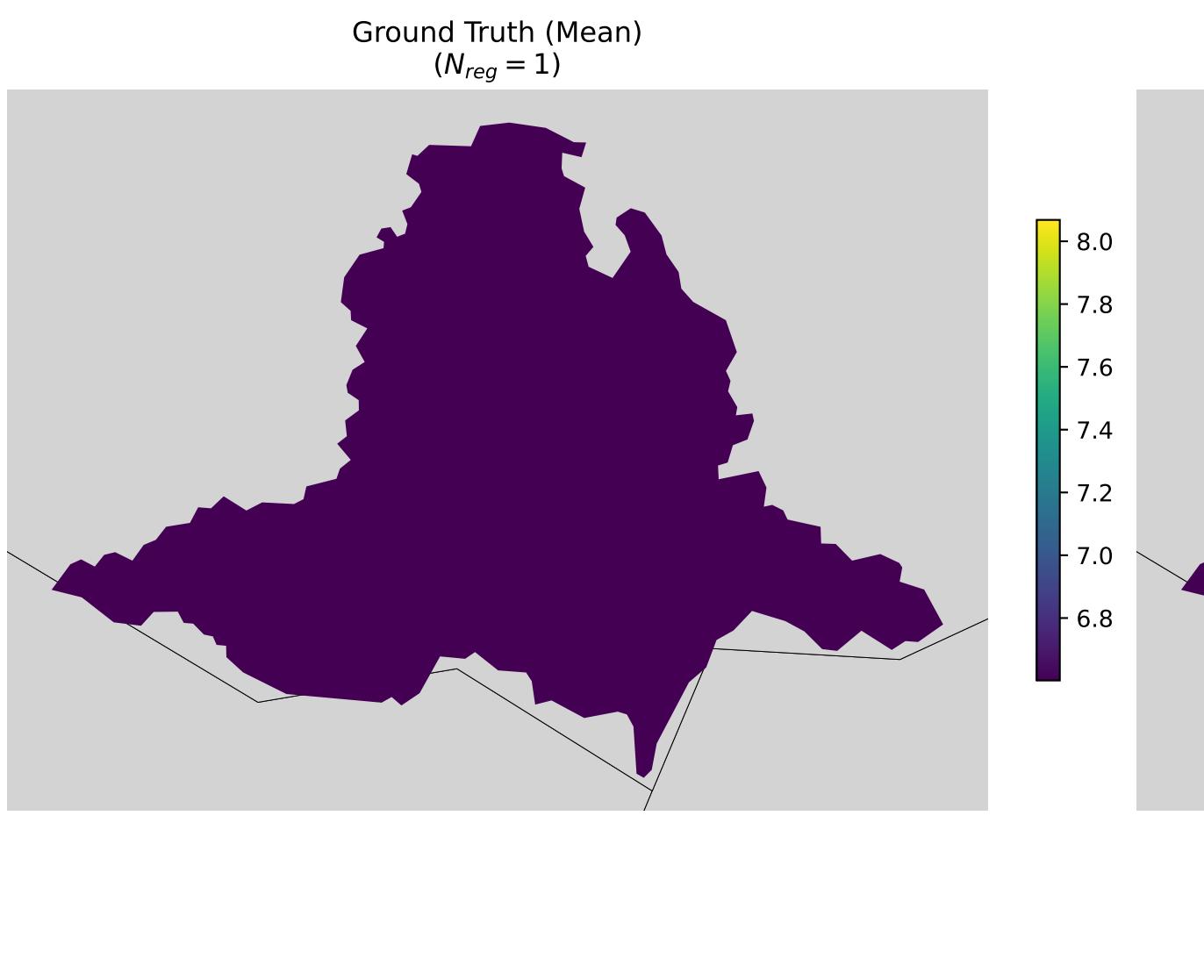




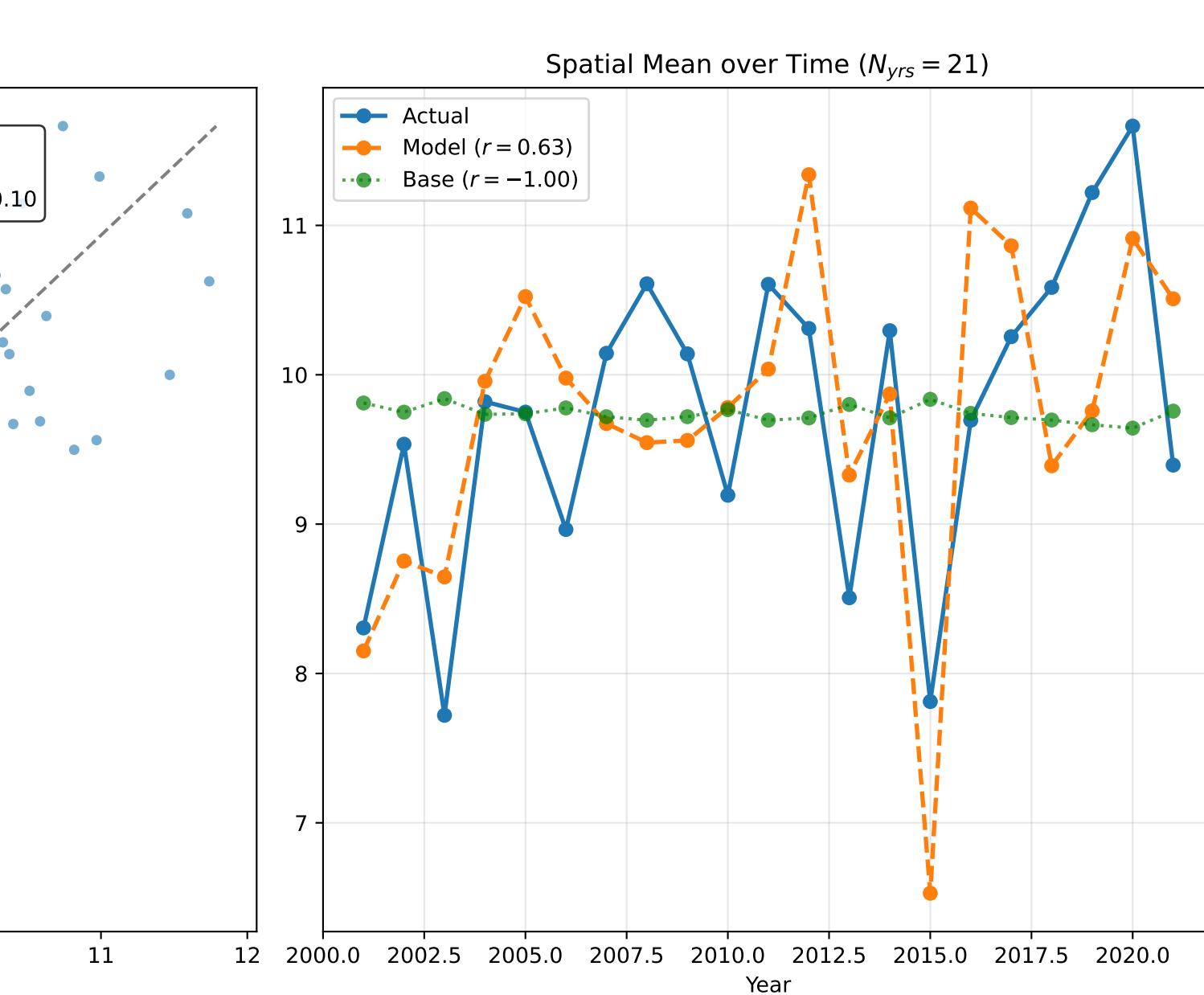
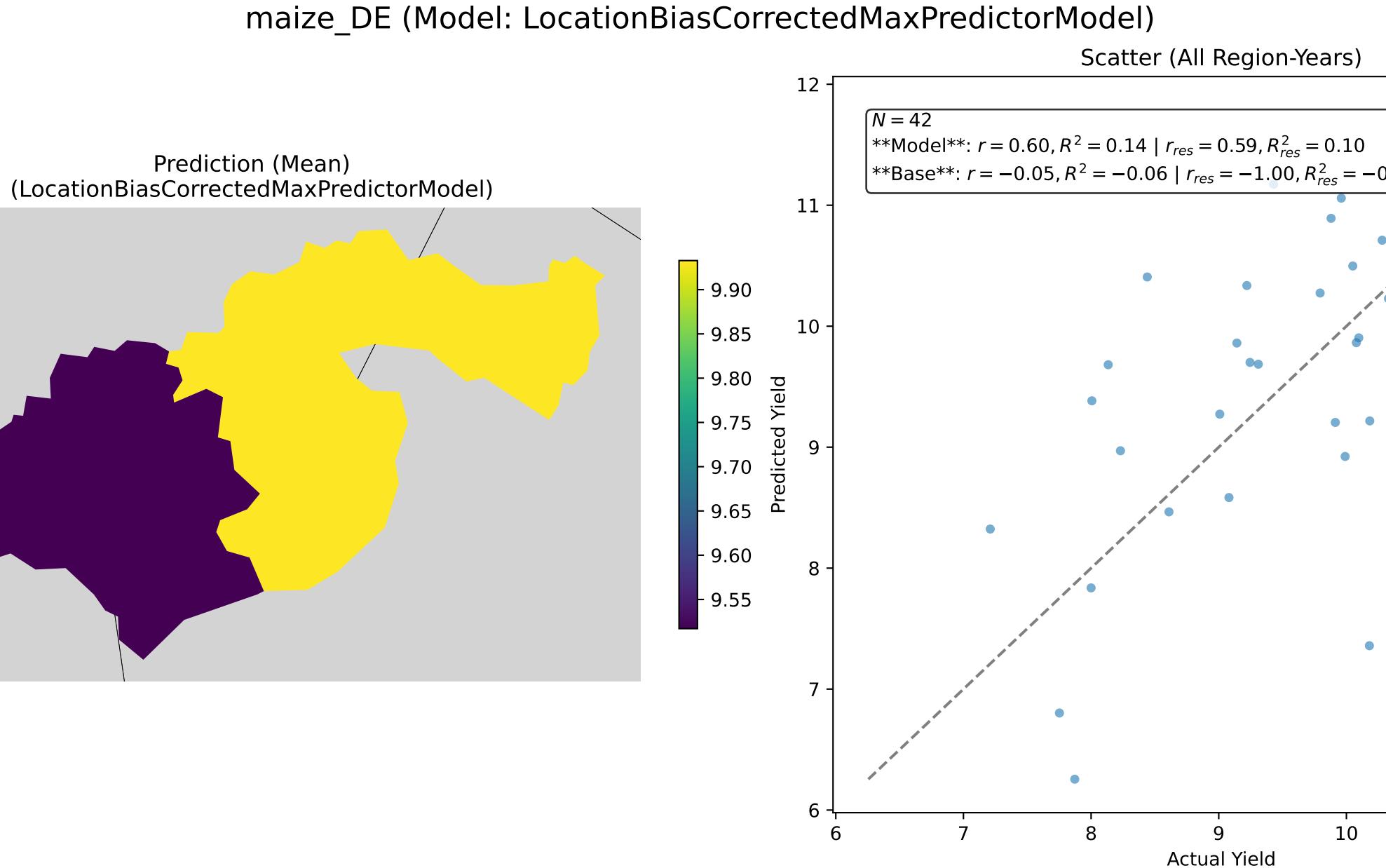
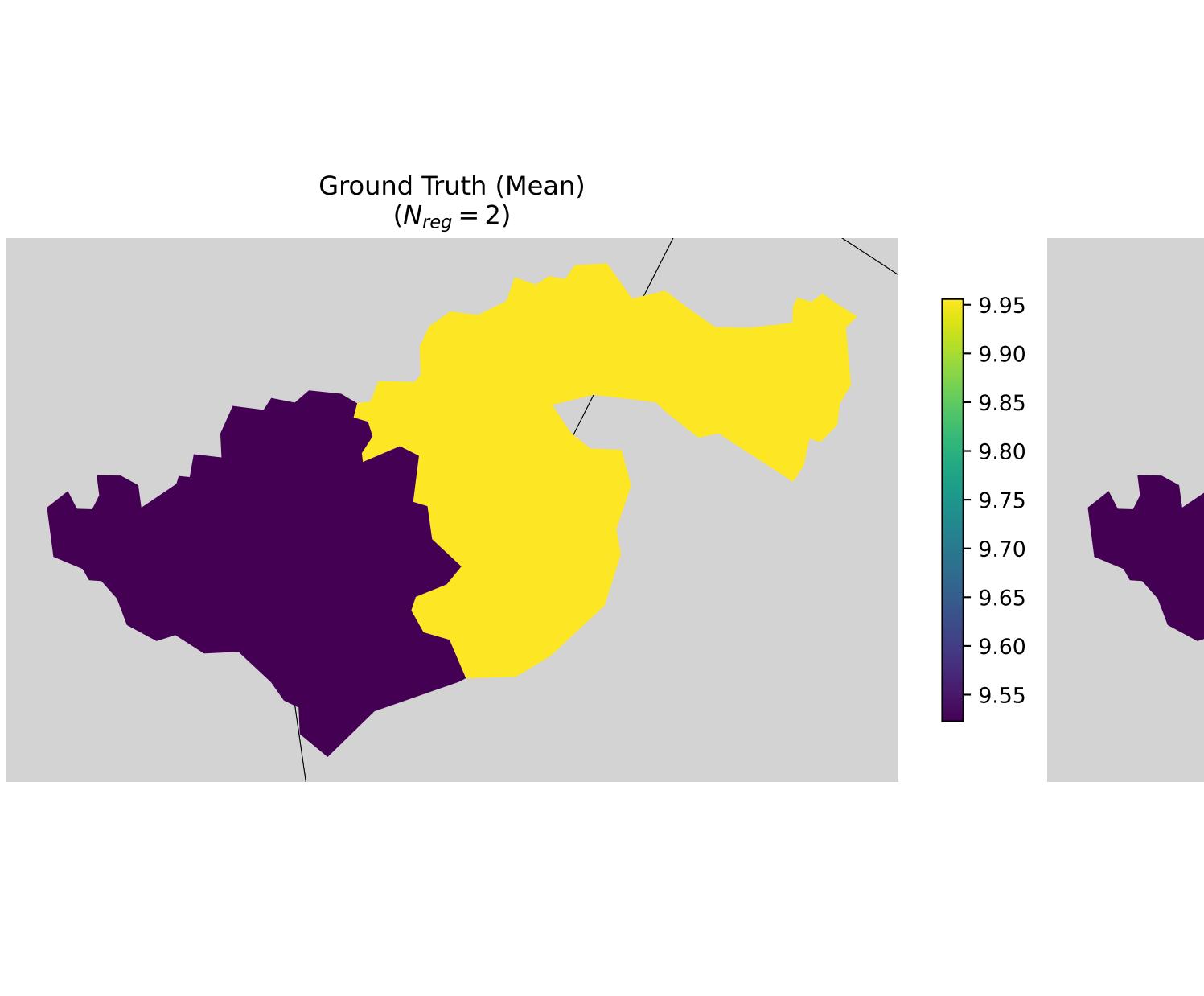
maize\_CN (Model: LocationBiasCorrectedMaxPredictorModel)



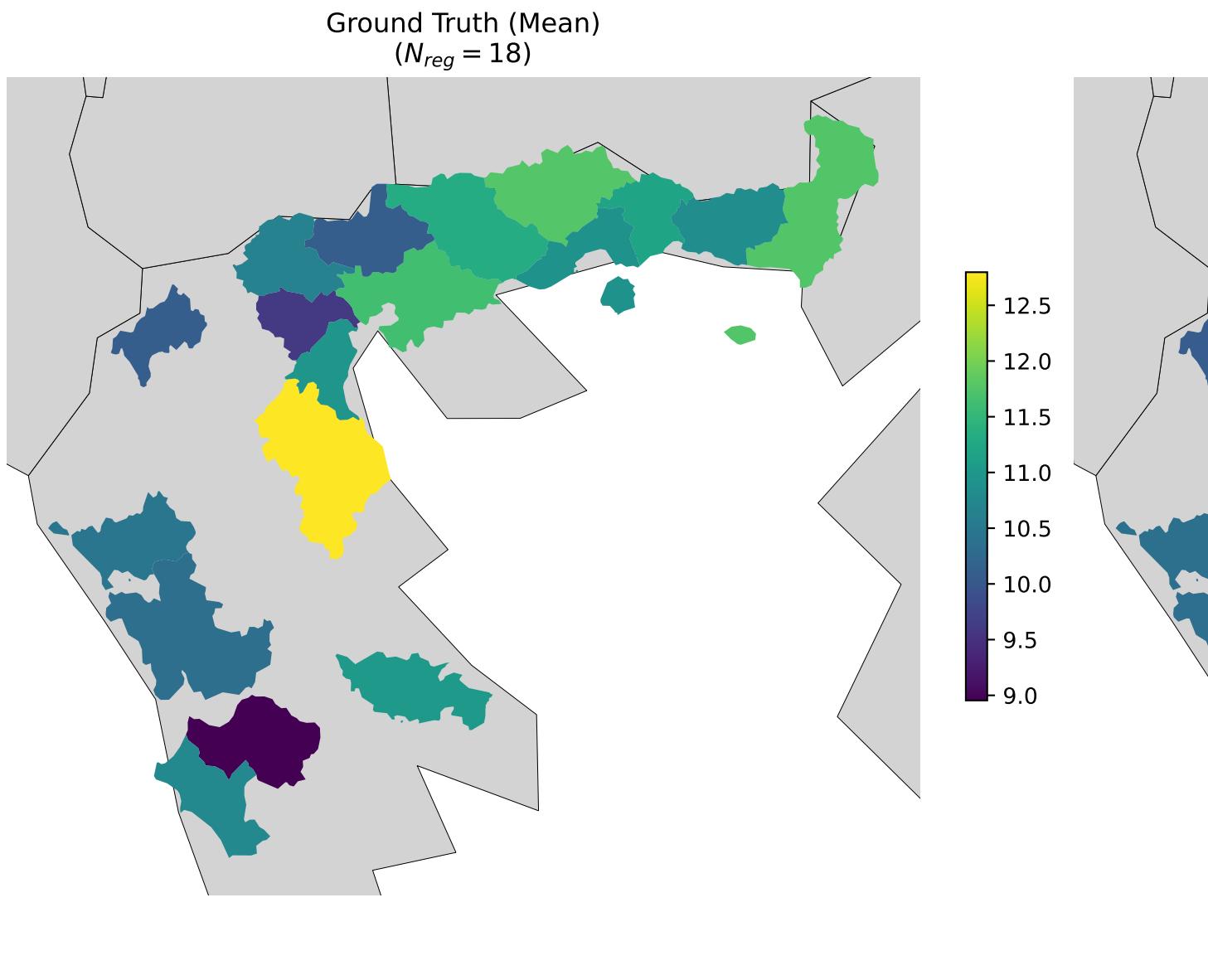
maize\_CZ (Model: LocationBiasCorrectedMaxPredictorModel)



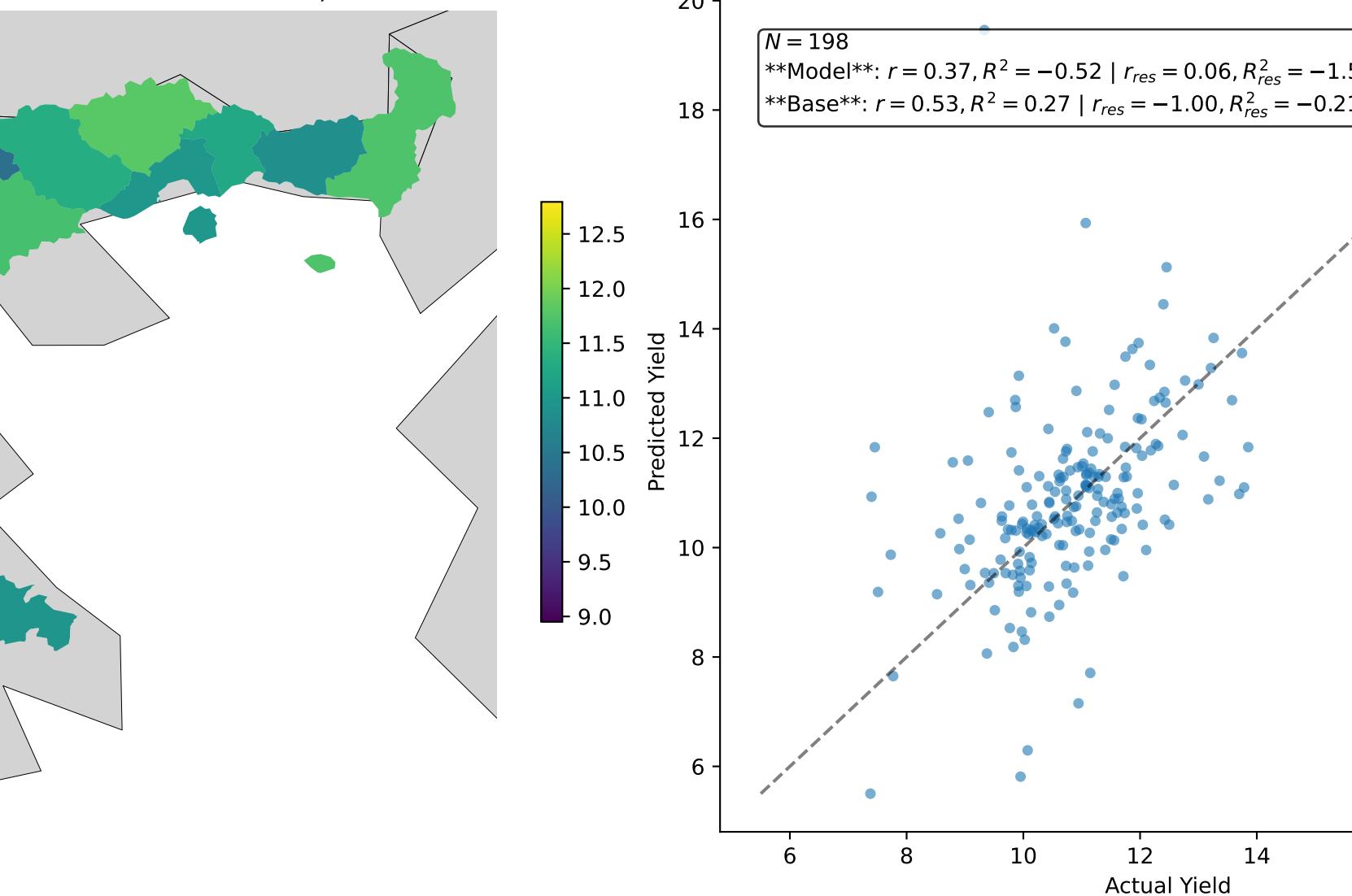
ctedMaxPredictorModel)



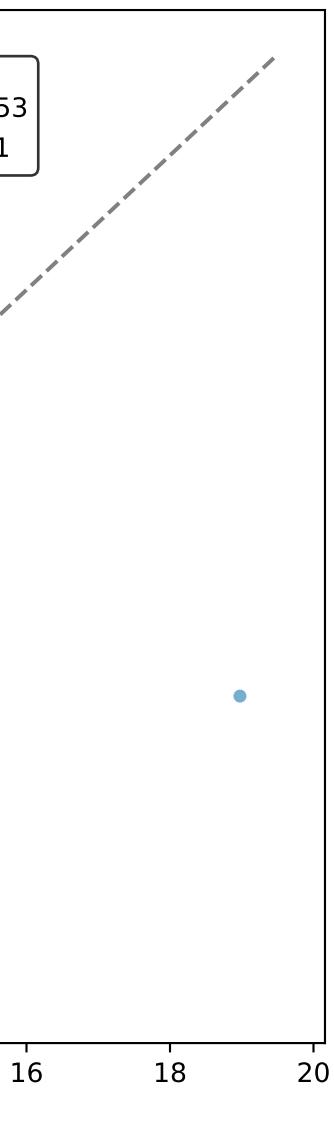
maize\_EL (Model: LocationBiasCorrectedMaxPredictorModel)



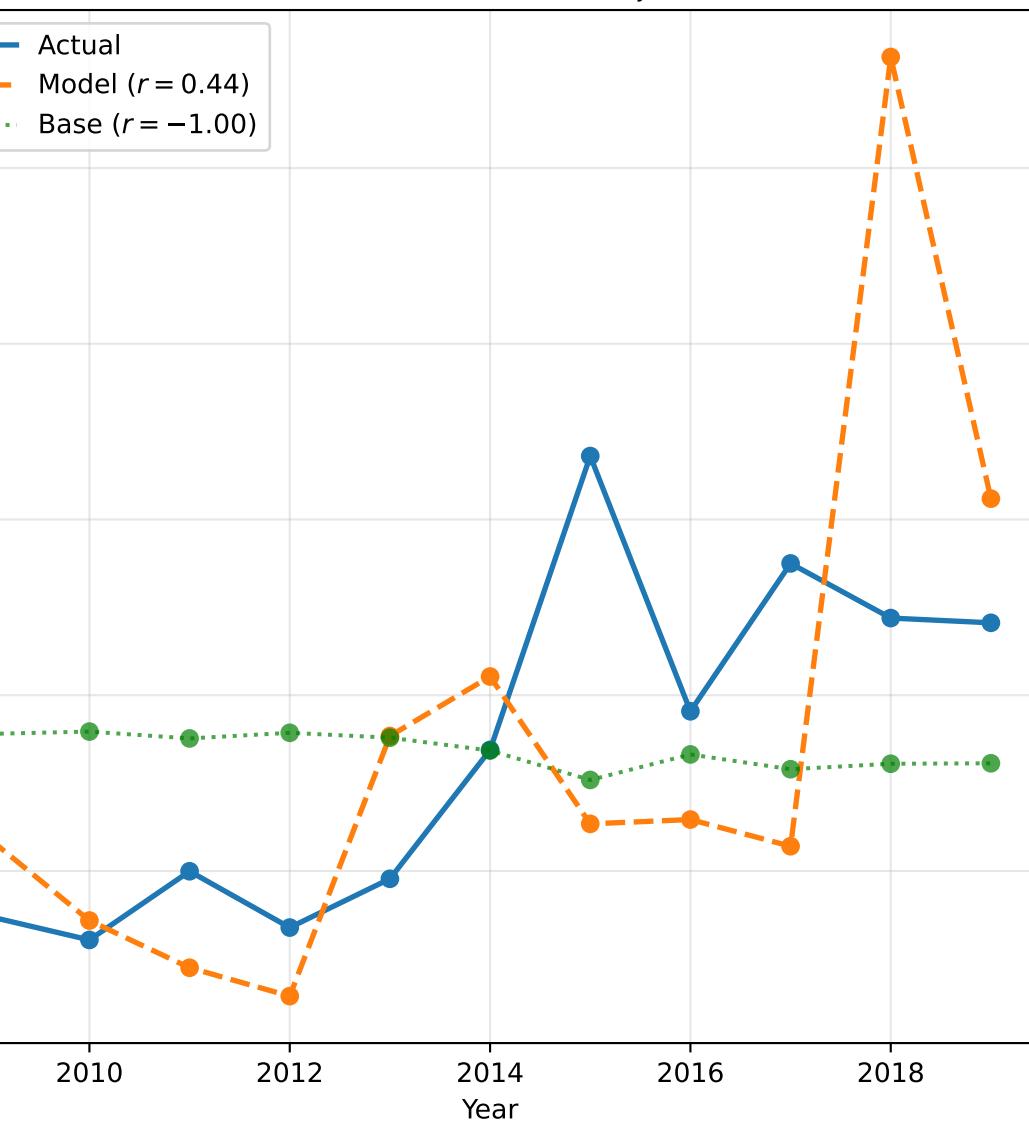
Prediction (Mean)  
(LocationBiasCorrectedMaxPredictorModel)



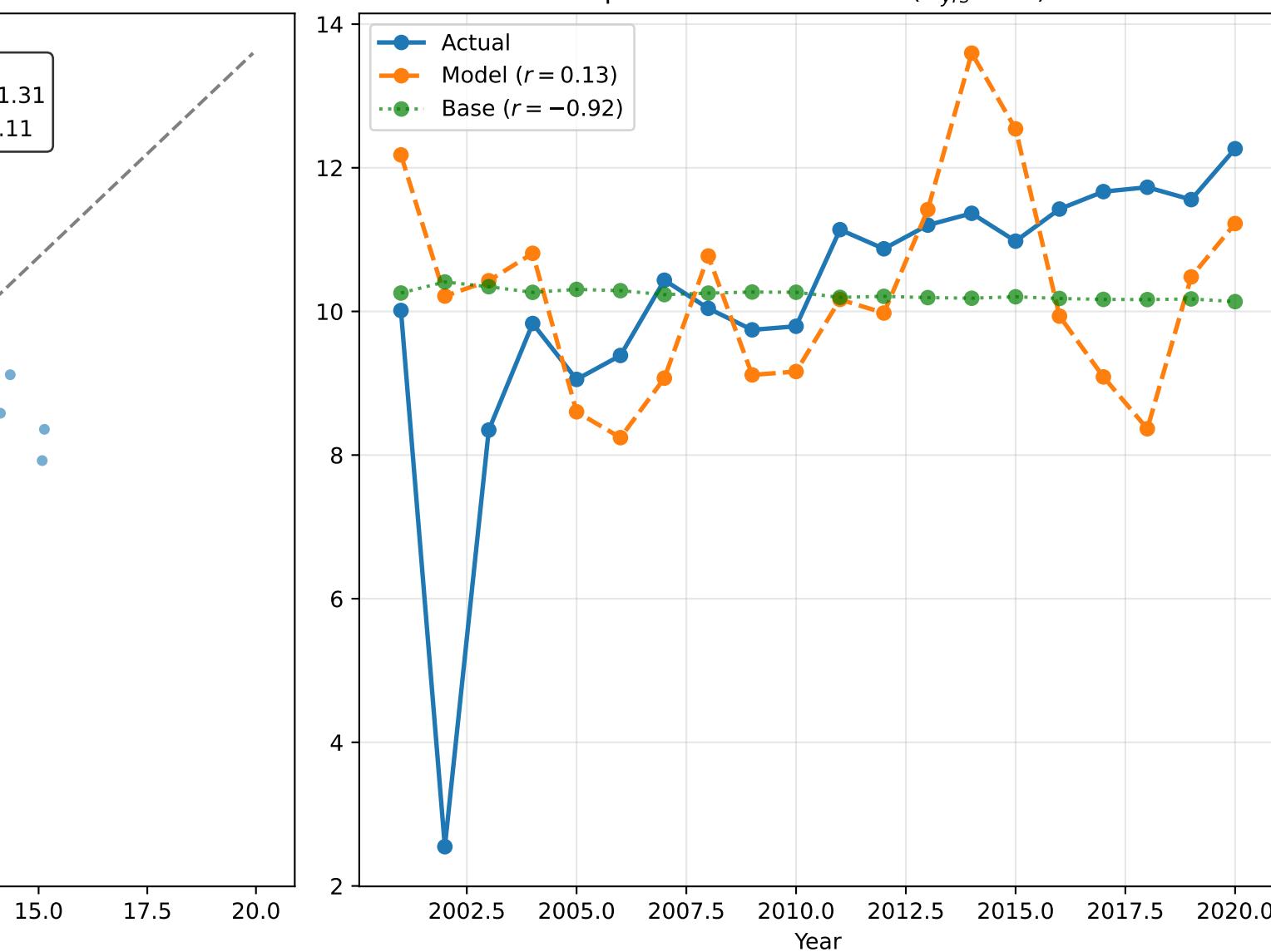
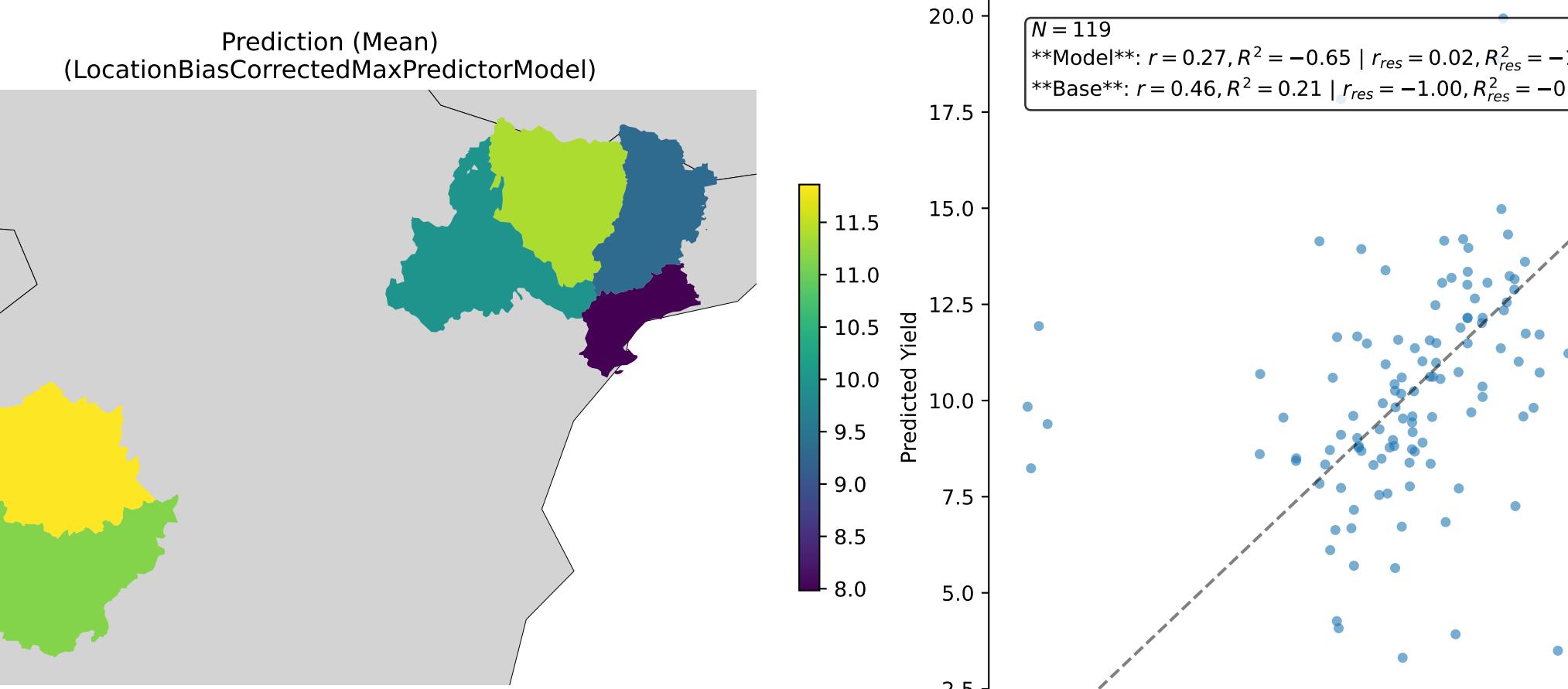
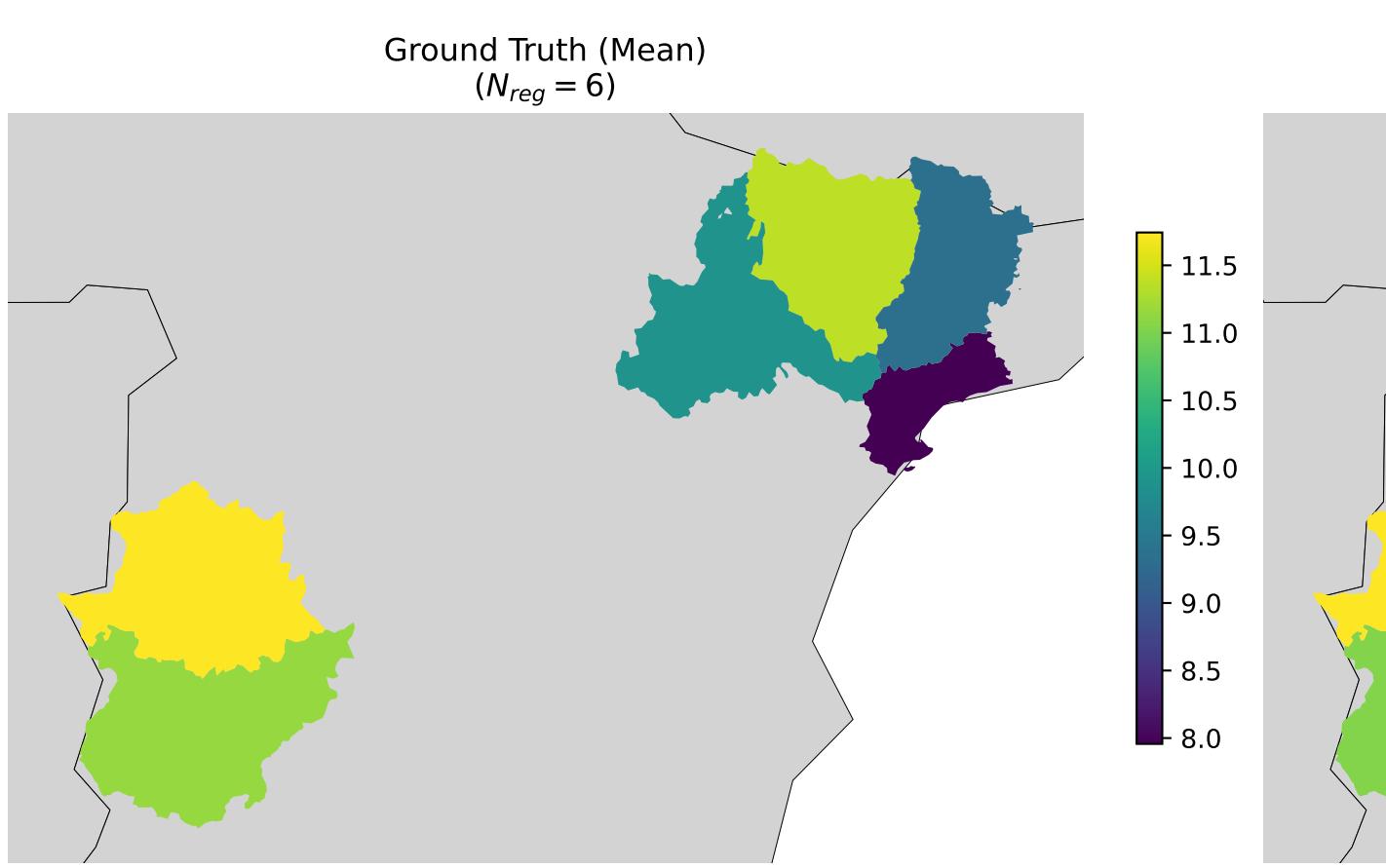
Scatter (All Region-Years)

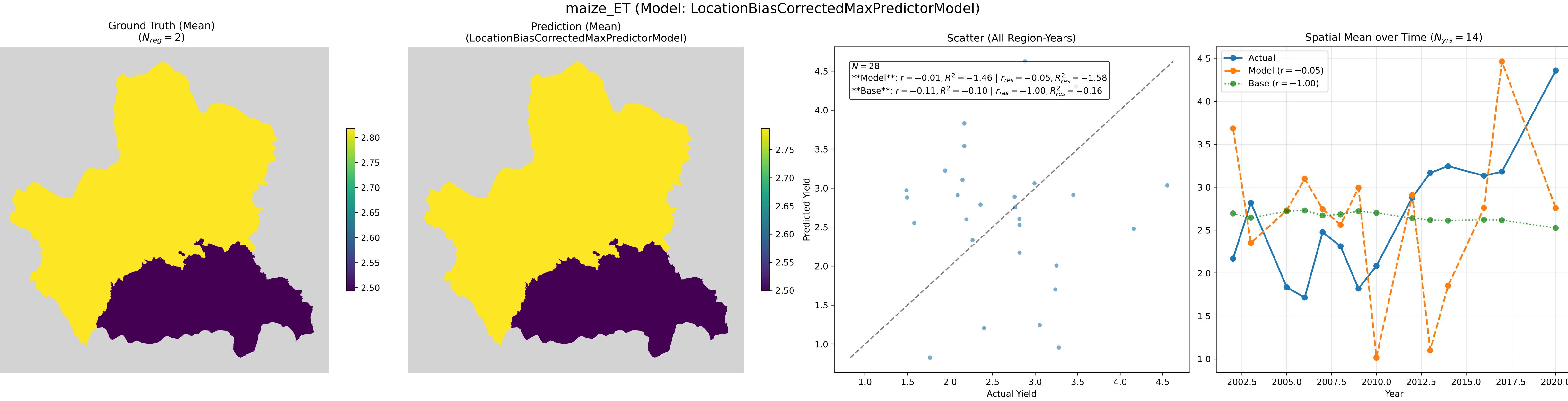


Spatial Mean over Time ( $N_{yrs} = 11$ )

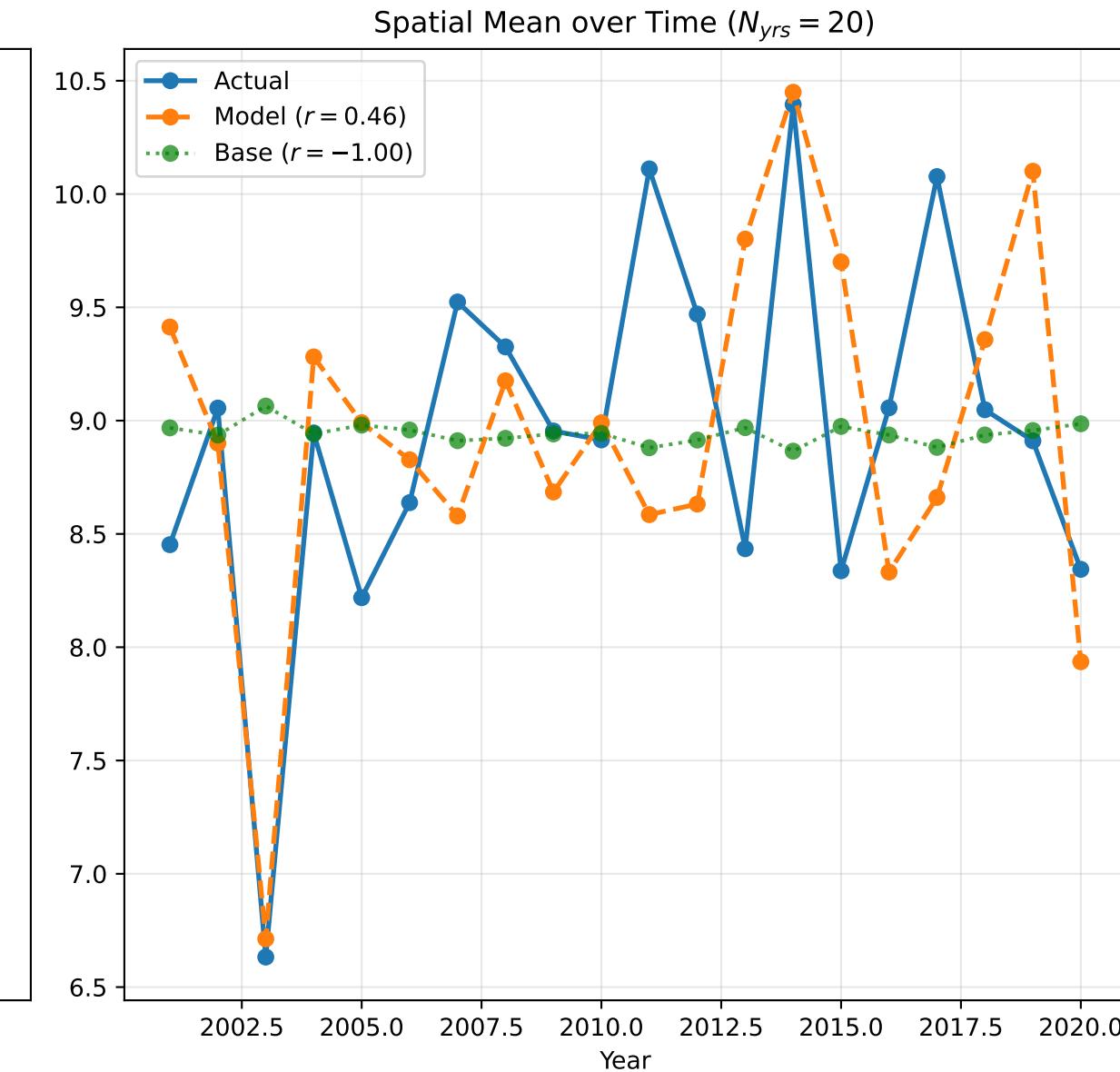
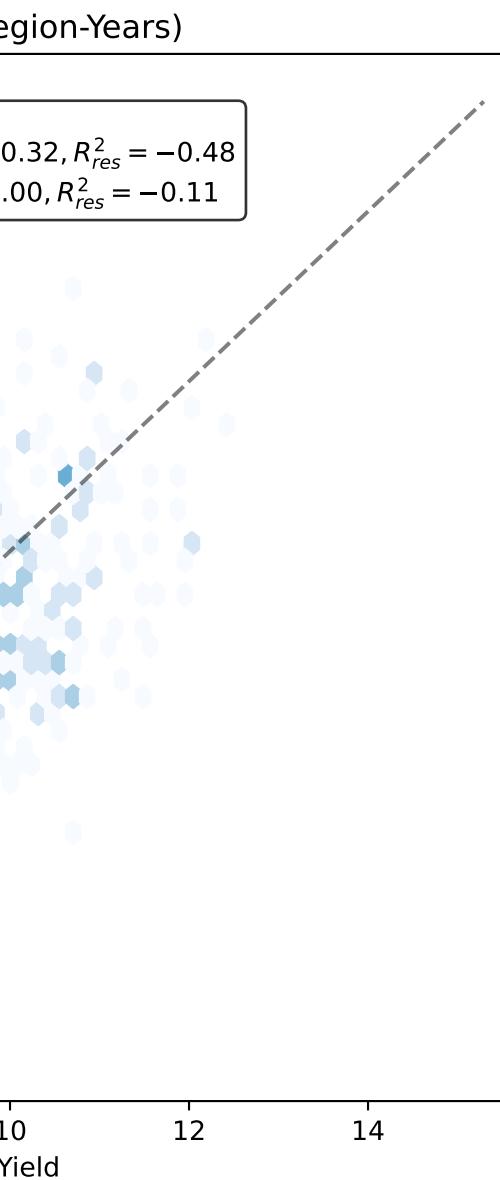
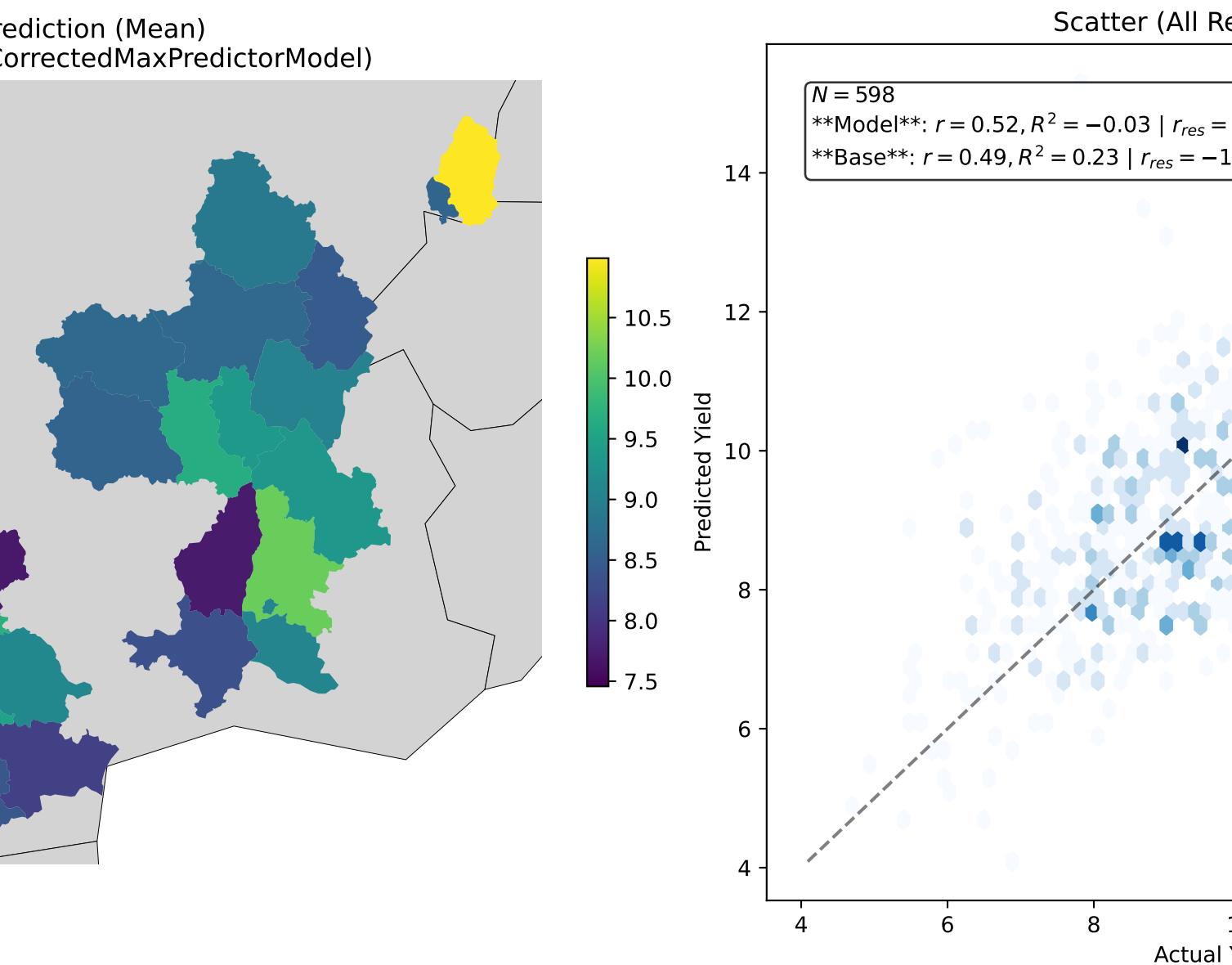
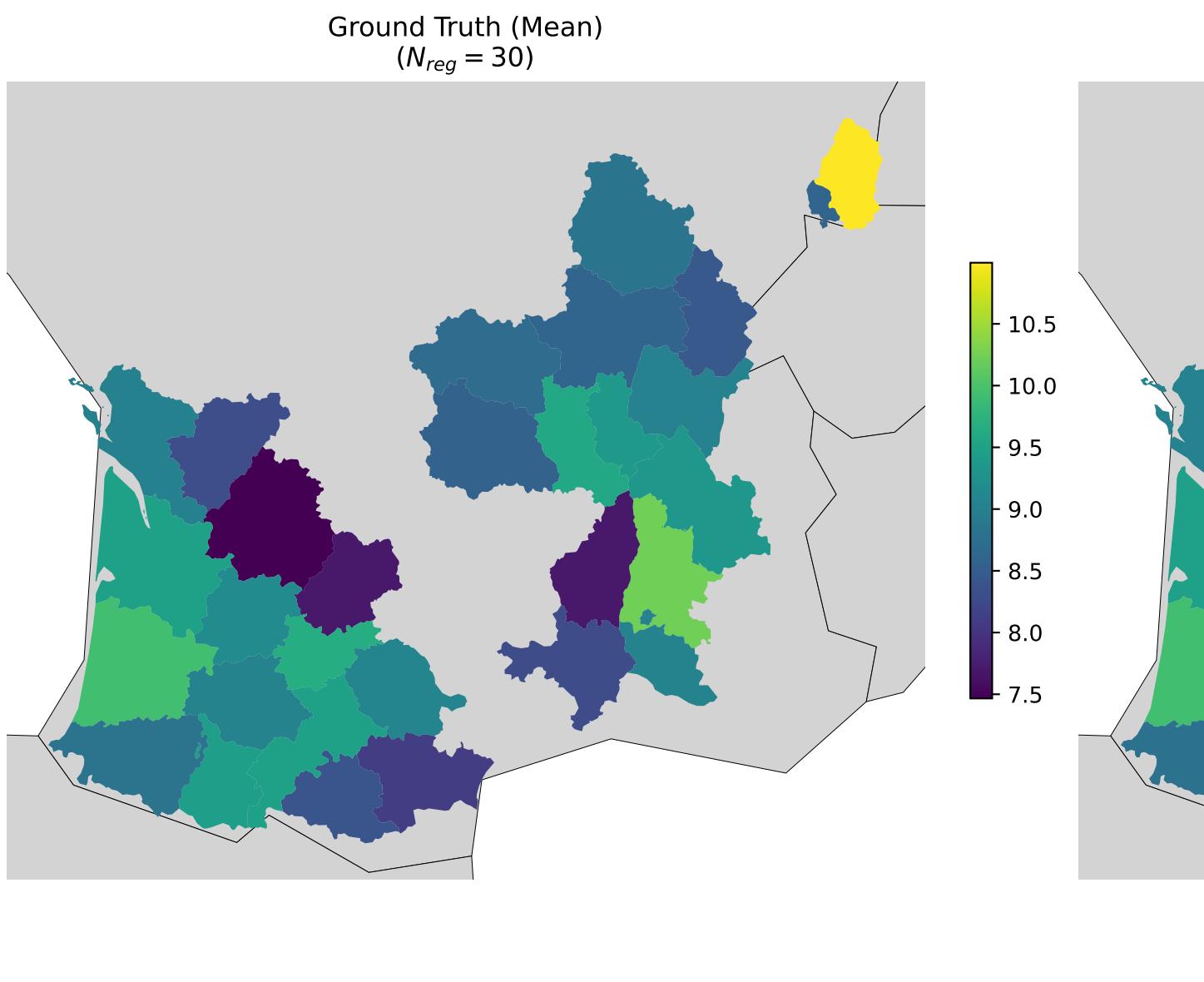


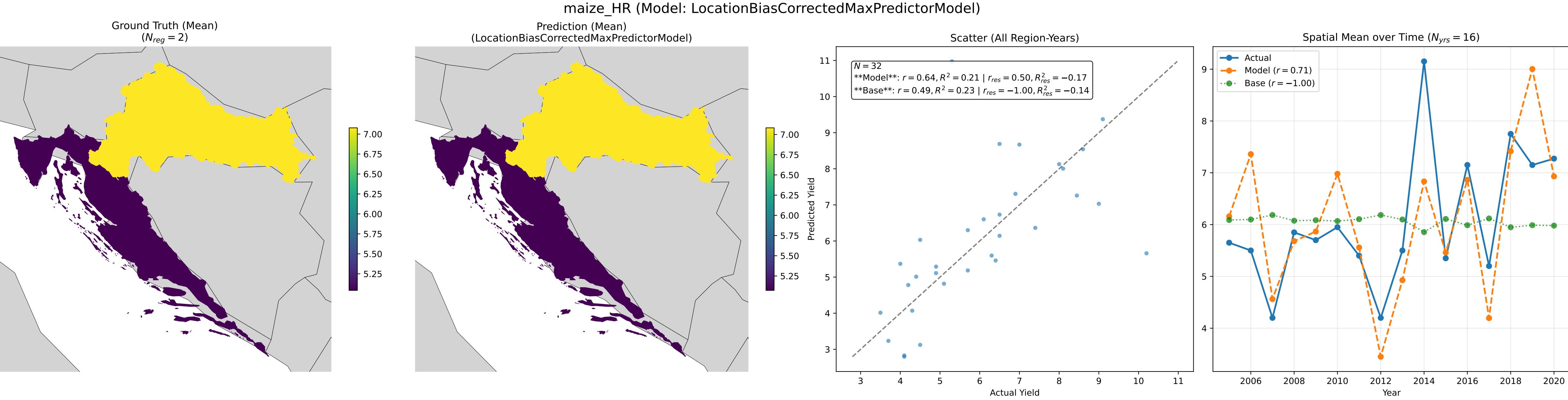
maize\_ES (Model: LocationBiasCorrectedMaxPredictorModel)



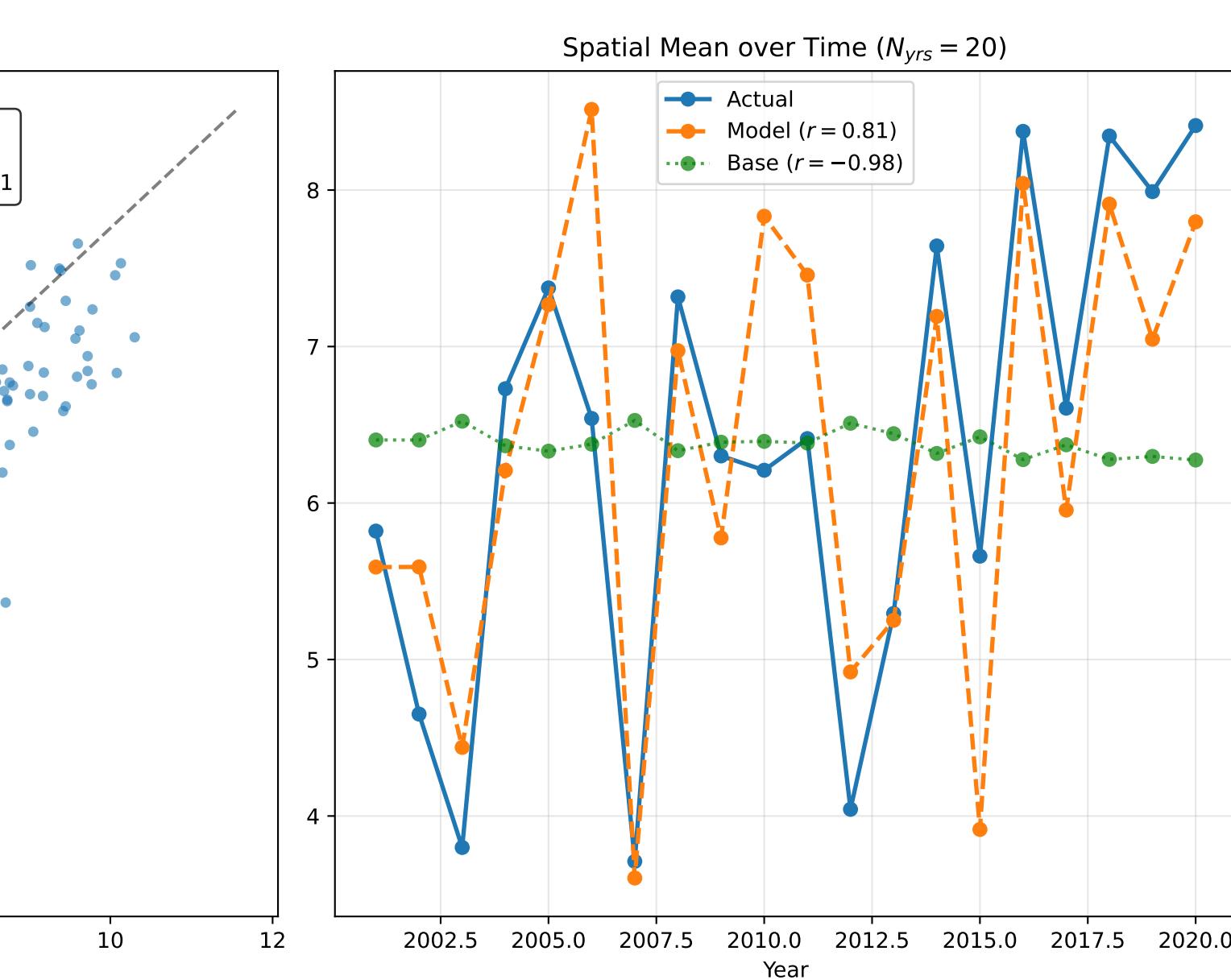
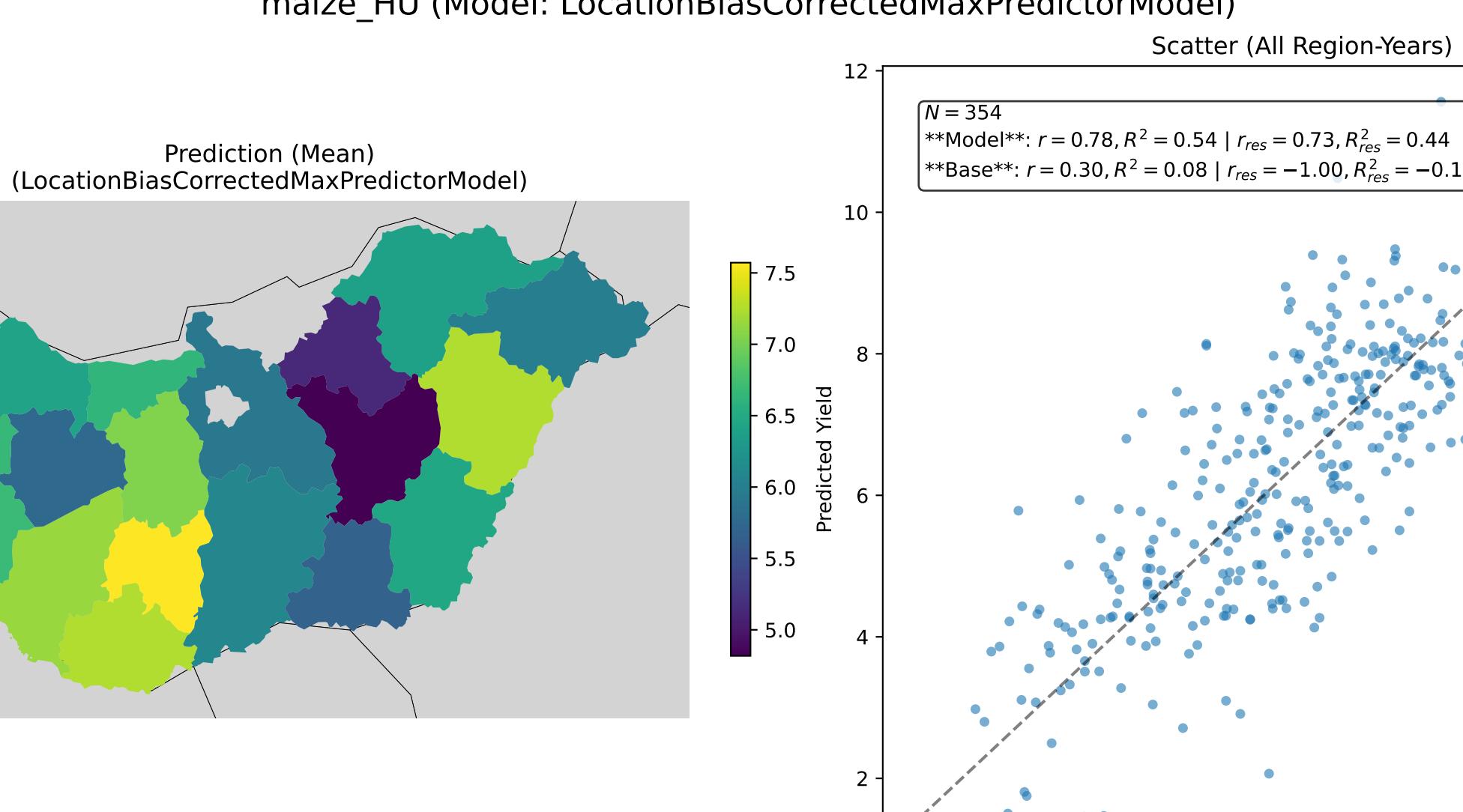
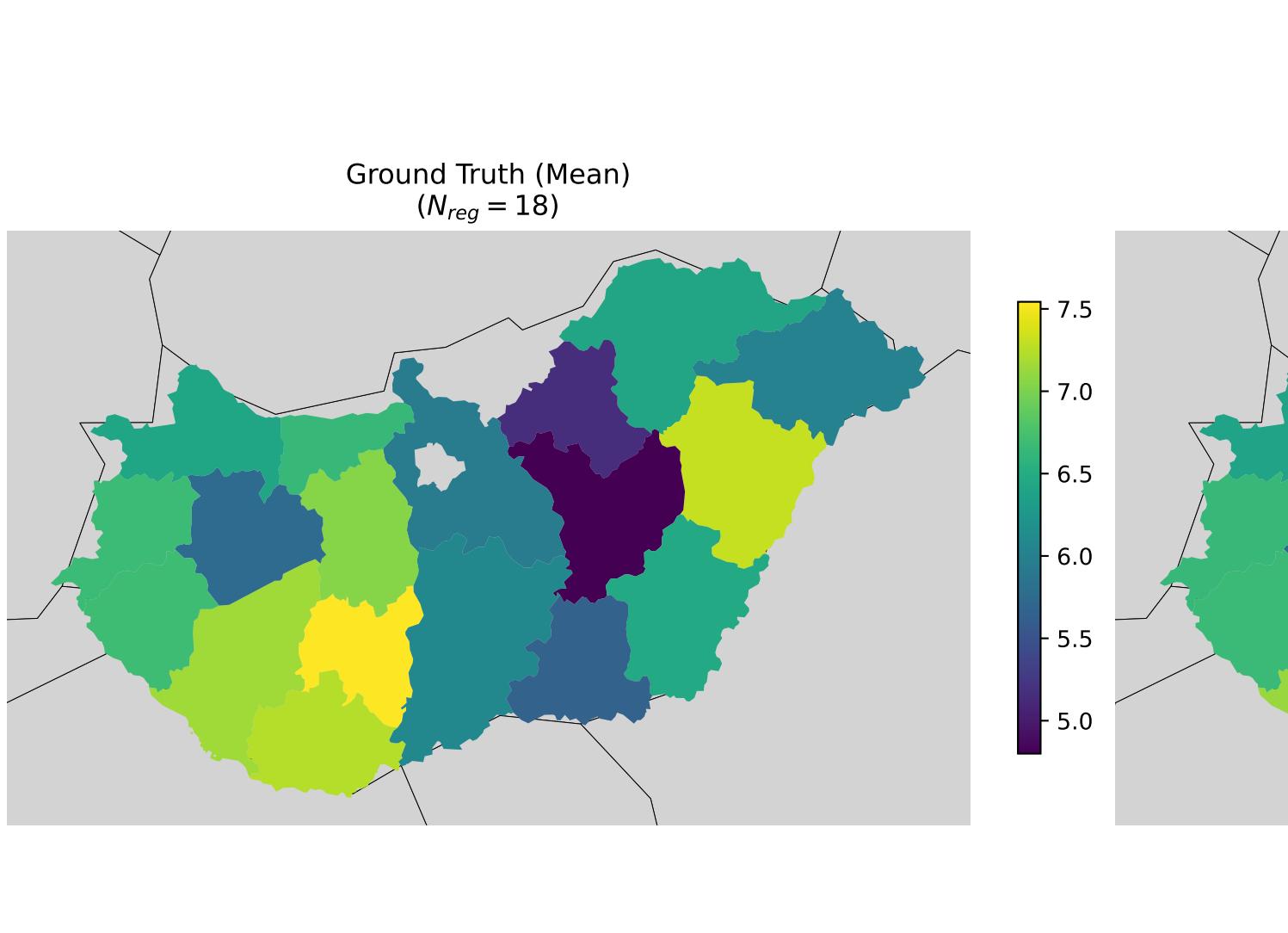


maize\_FR (Model: LocationBiasCorrectedMaxPredictorModel)

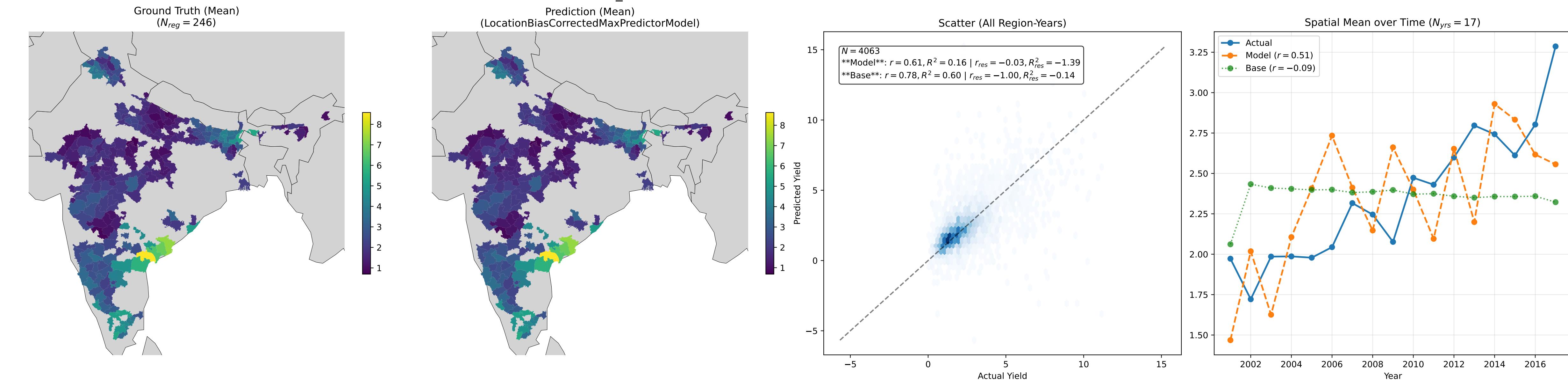




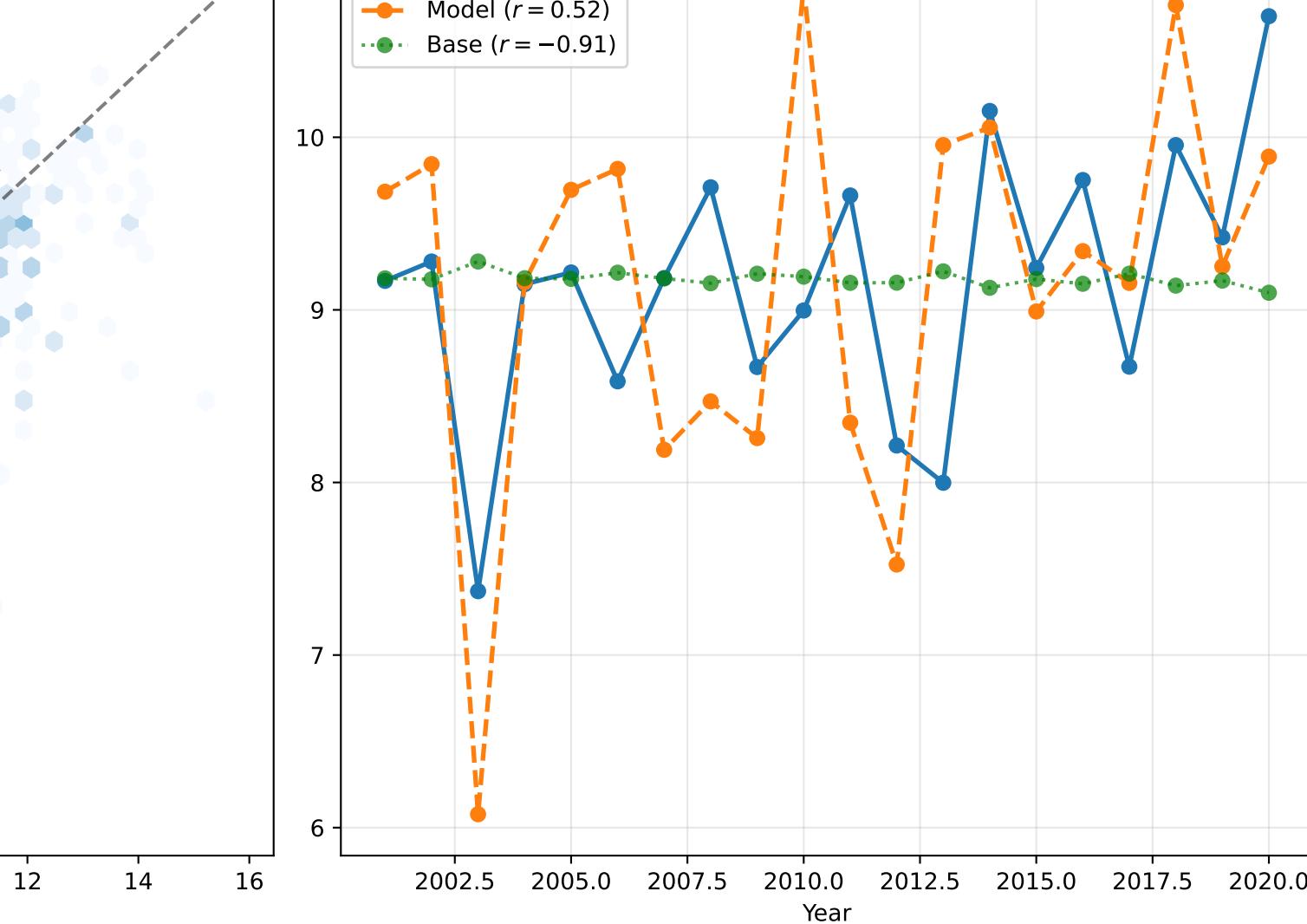
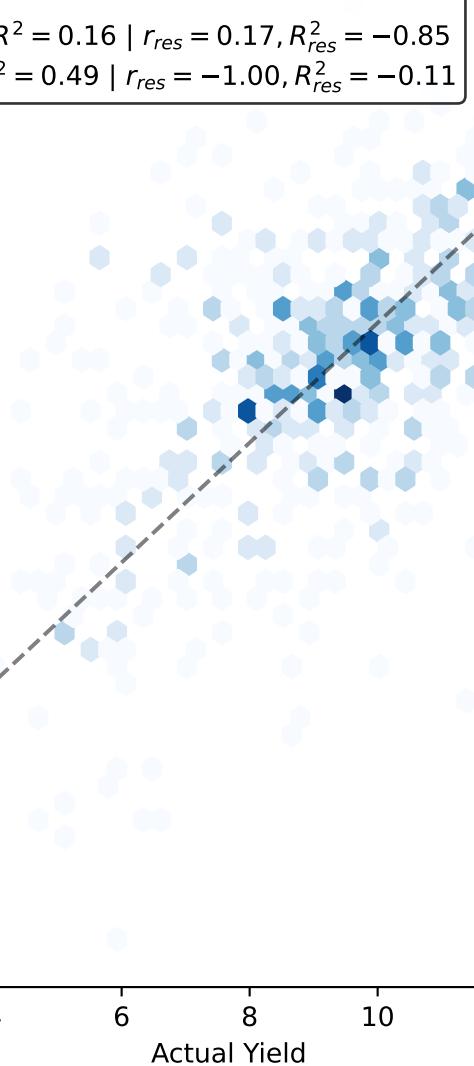
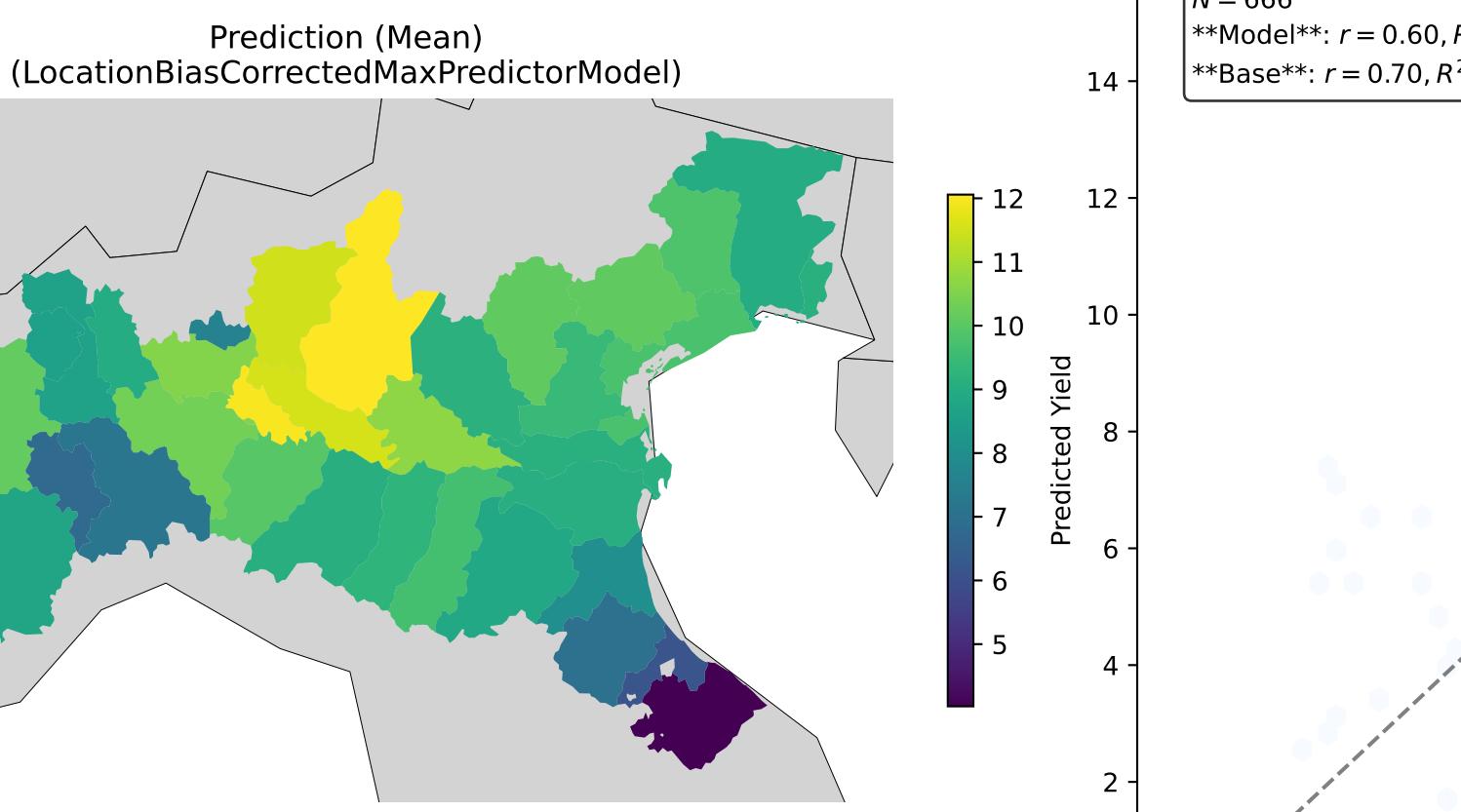
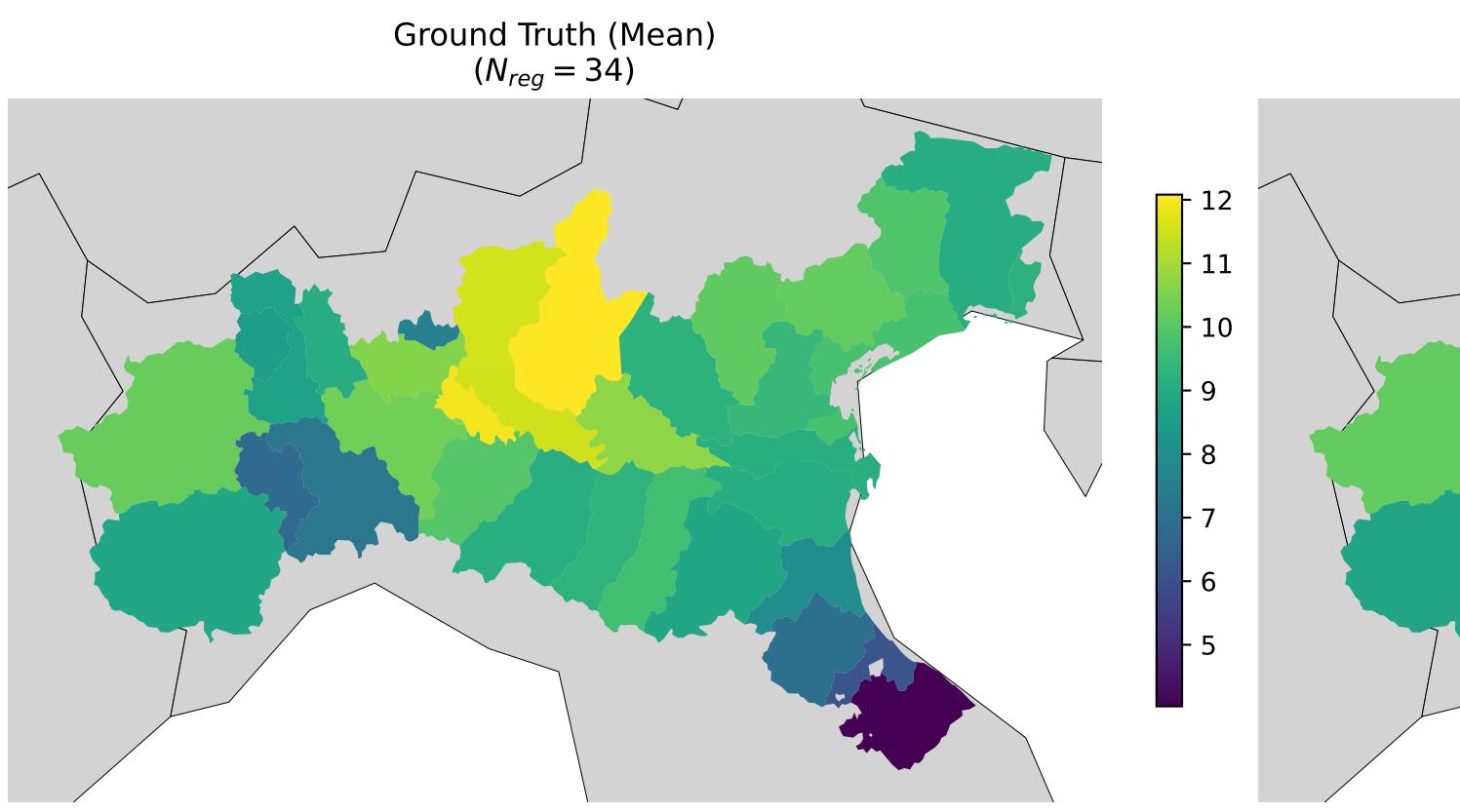
maize\_HU (Model: LocationBiasCorrectedMaxPredictorModel)



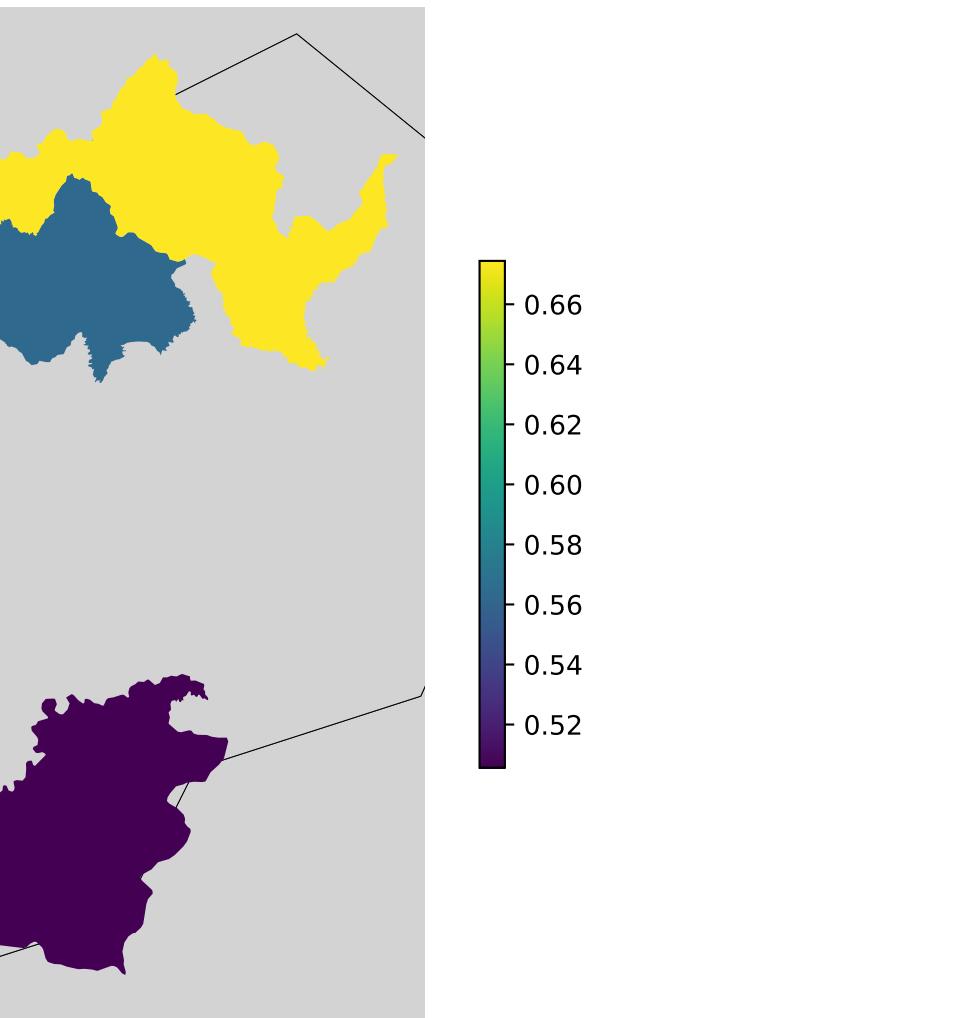
maize\_IN (Model: LocationBiasCorrectedMaxPredictorModel)



maize\_IT (Model: LocationBiasCorrectedMaxPredictorModel)



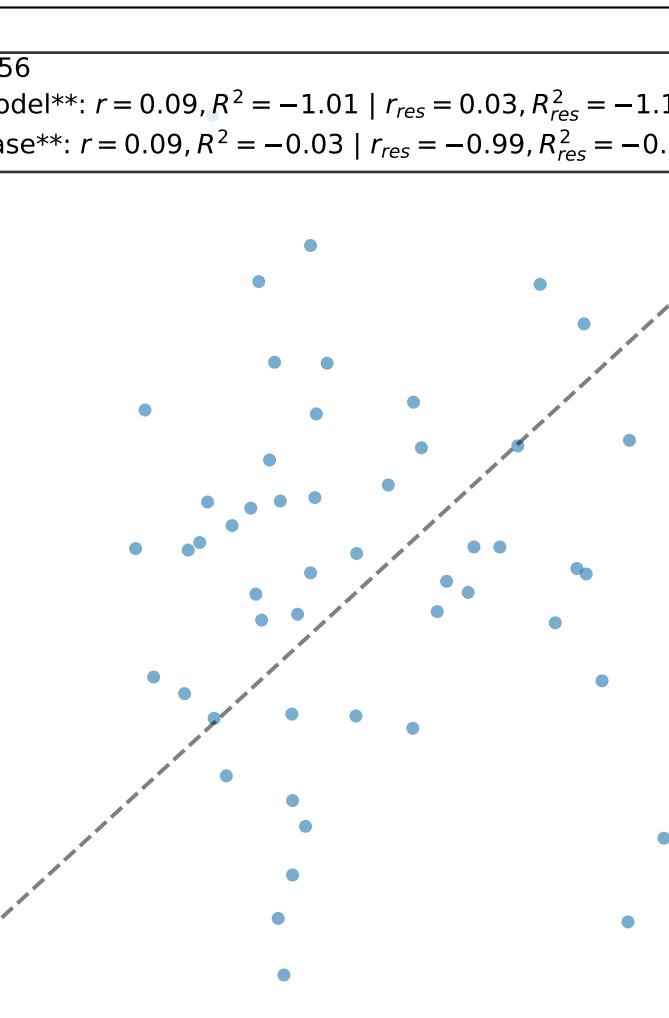
Ground Truth (Mean)  
( $N_{reg} = 3$ )



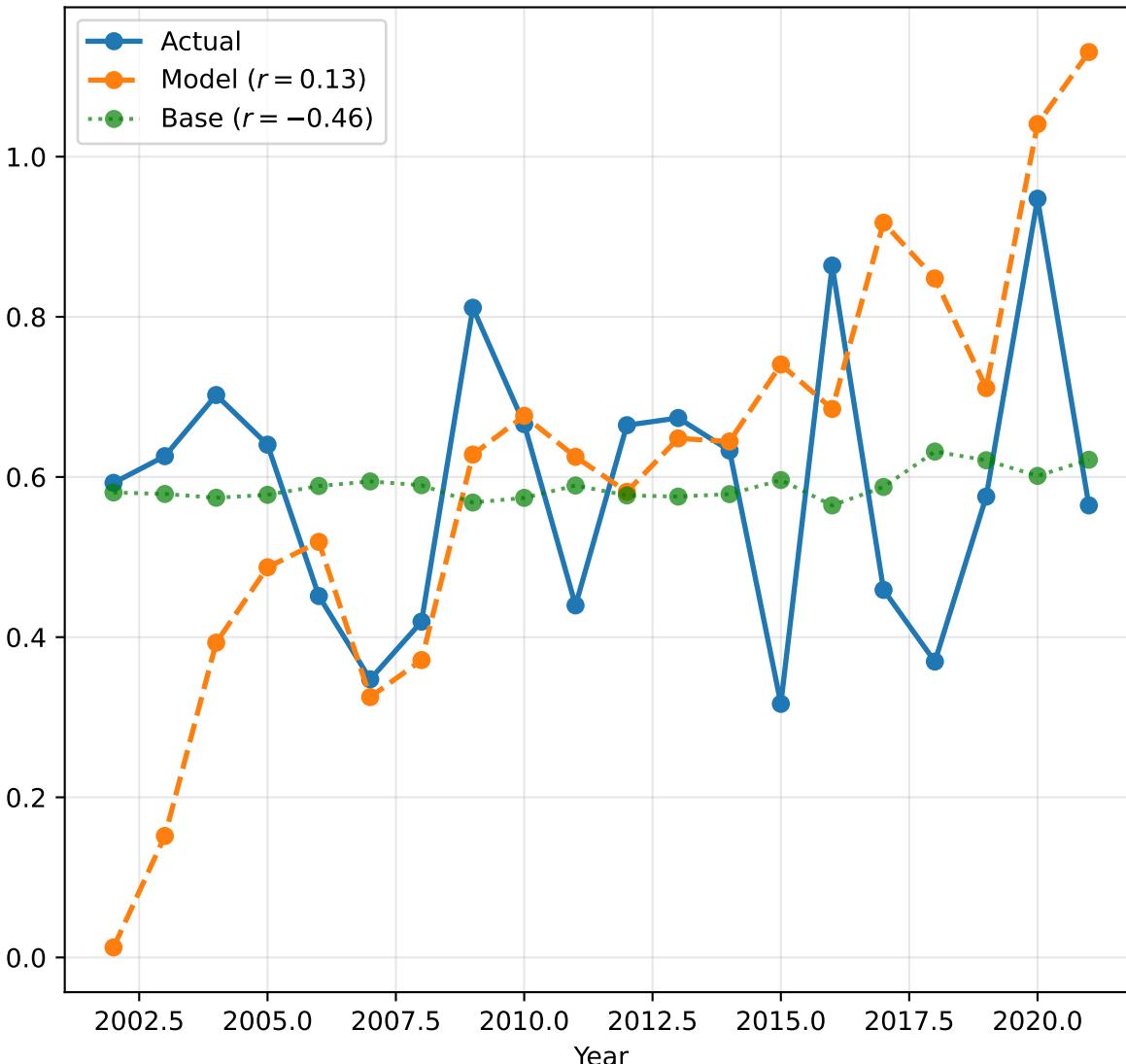
maize\_LS (Model: LocationBiasCorrectedMaxPredictorModel)

Prediction (Mean)  
(LocationBiasCorrectedMaxPredictorModel)

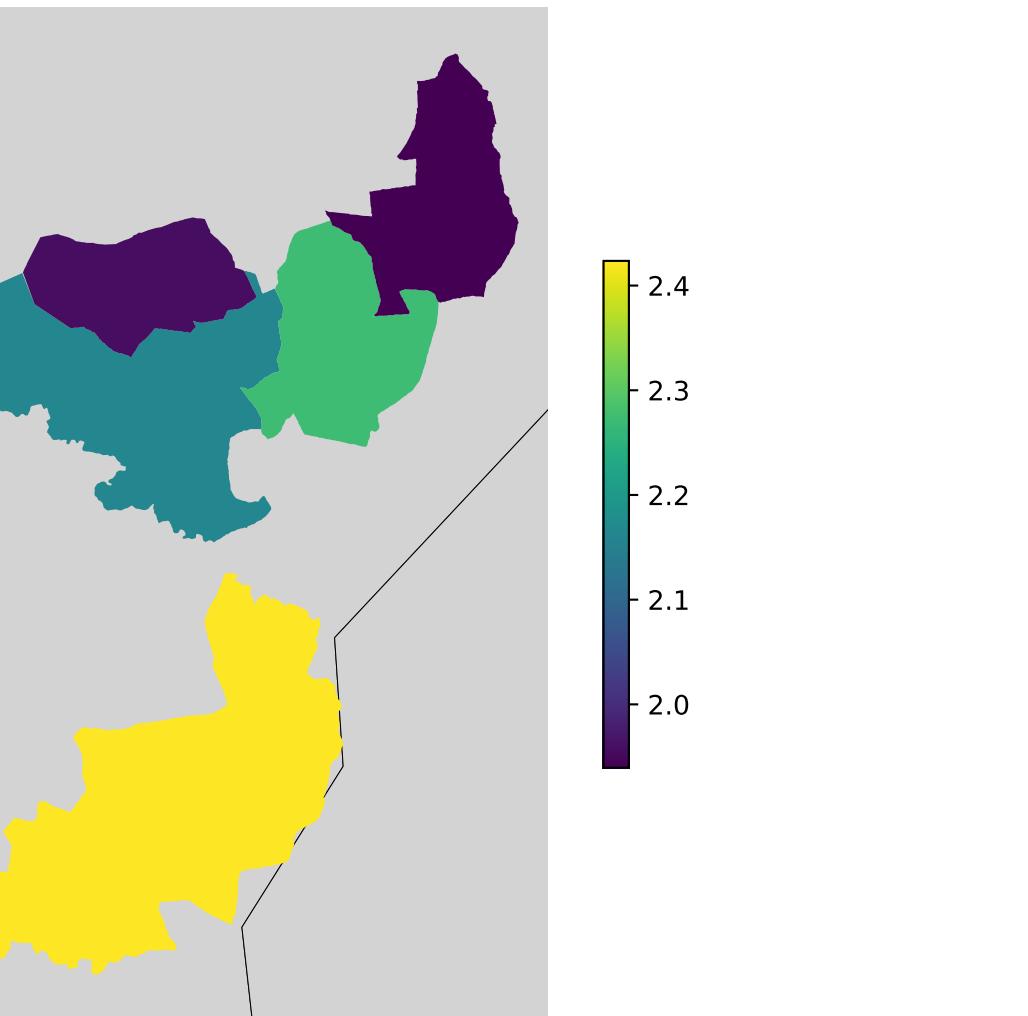
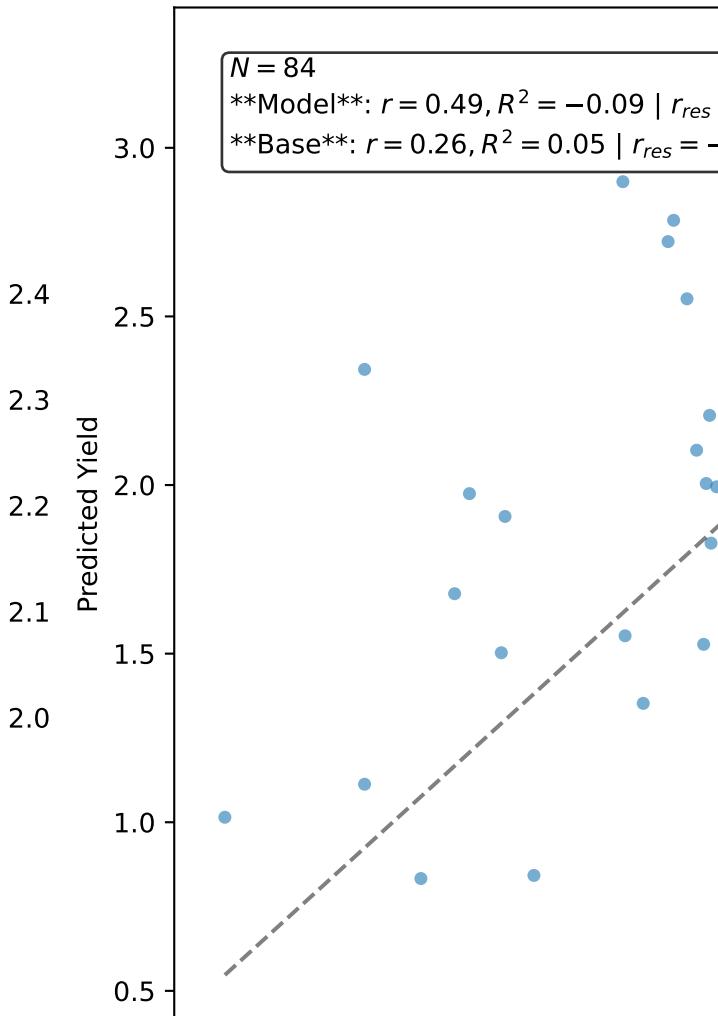
Scatter (All Region-Years)



Spatial Mean over Time ( $N_{yrs} = 20$ )

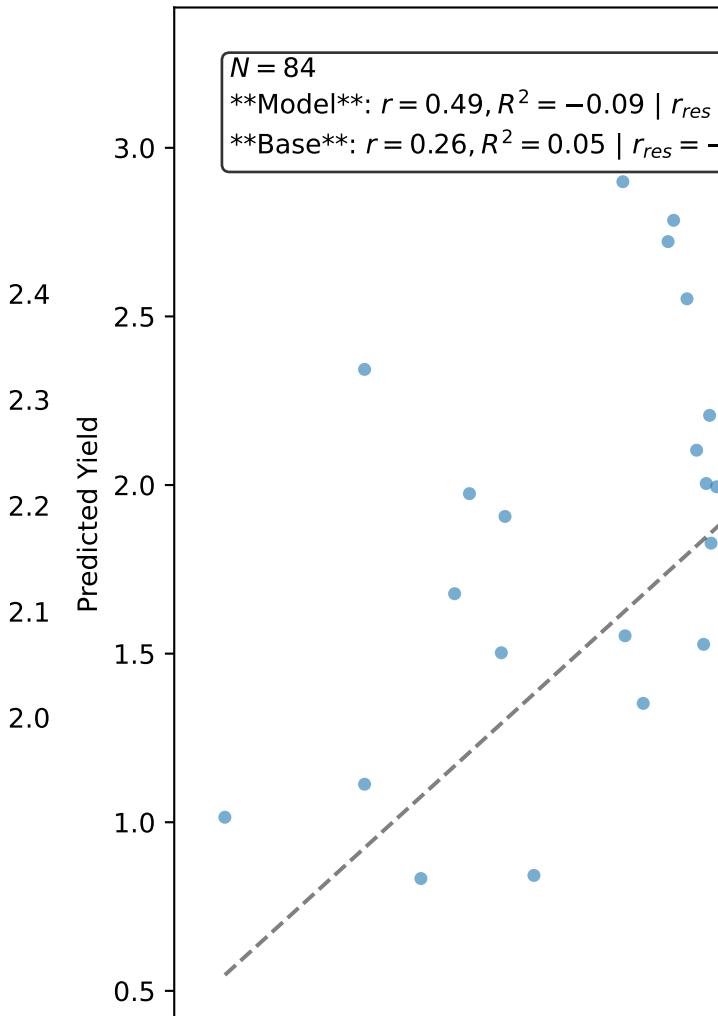
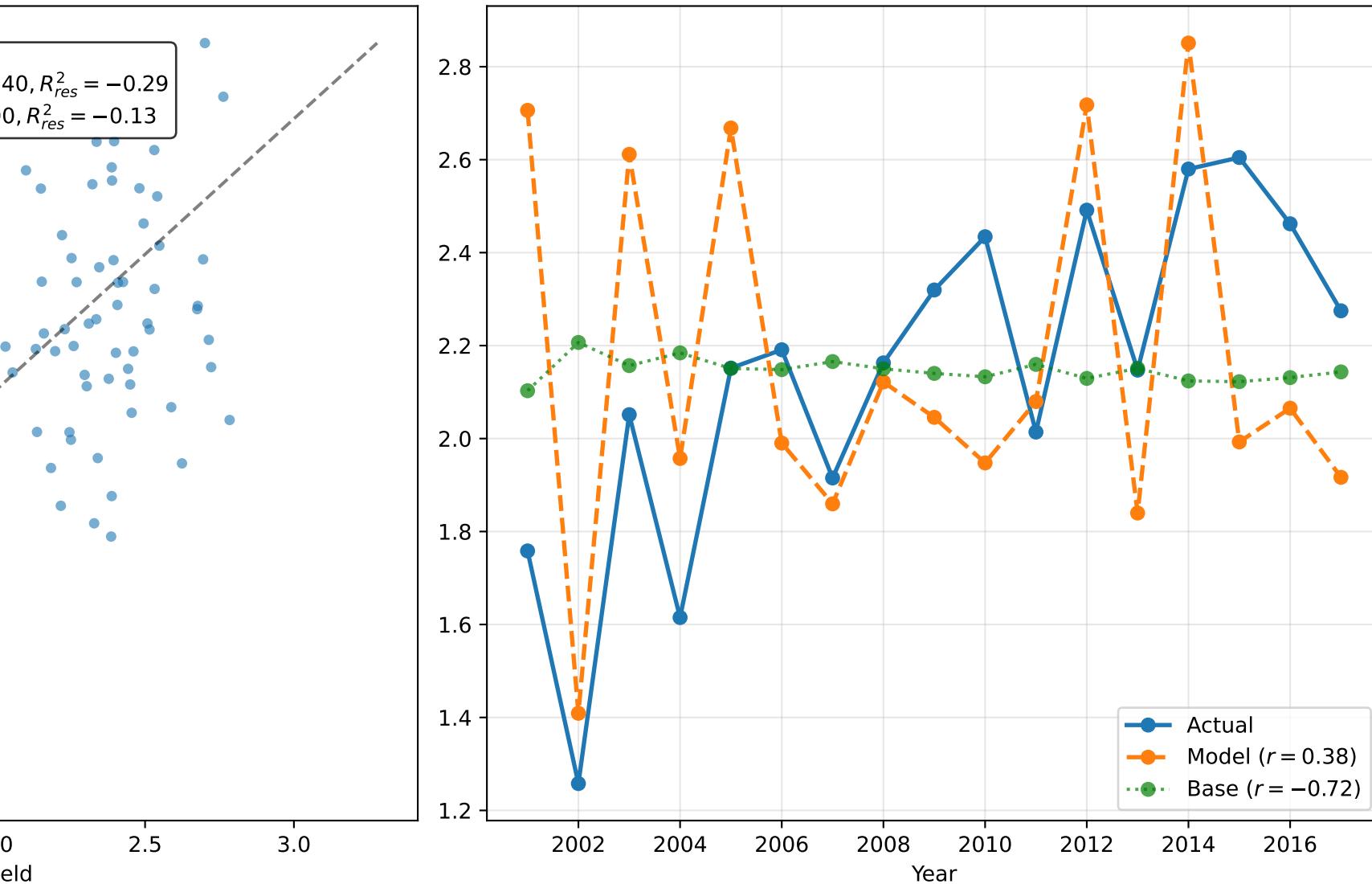


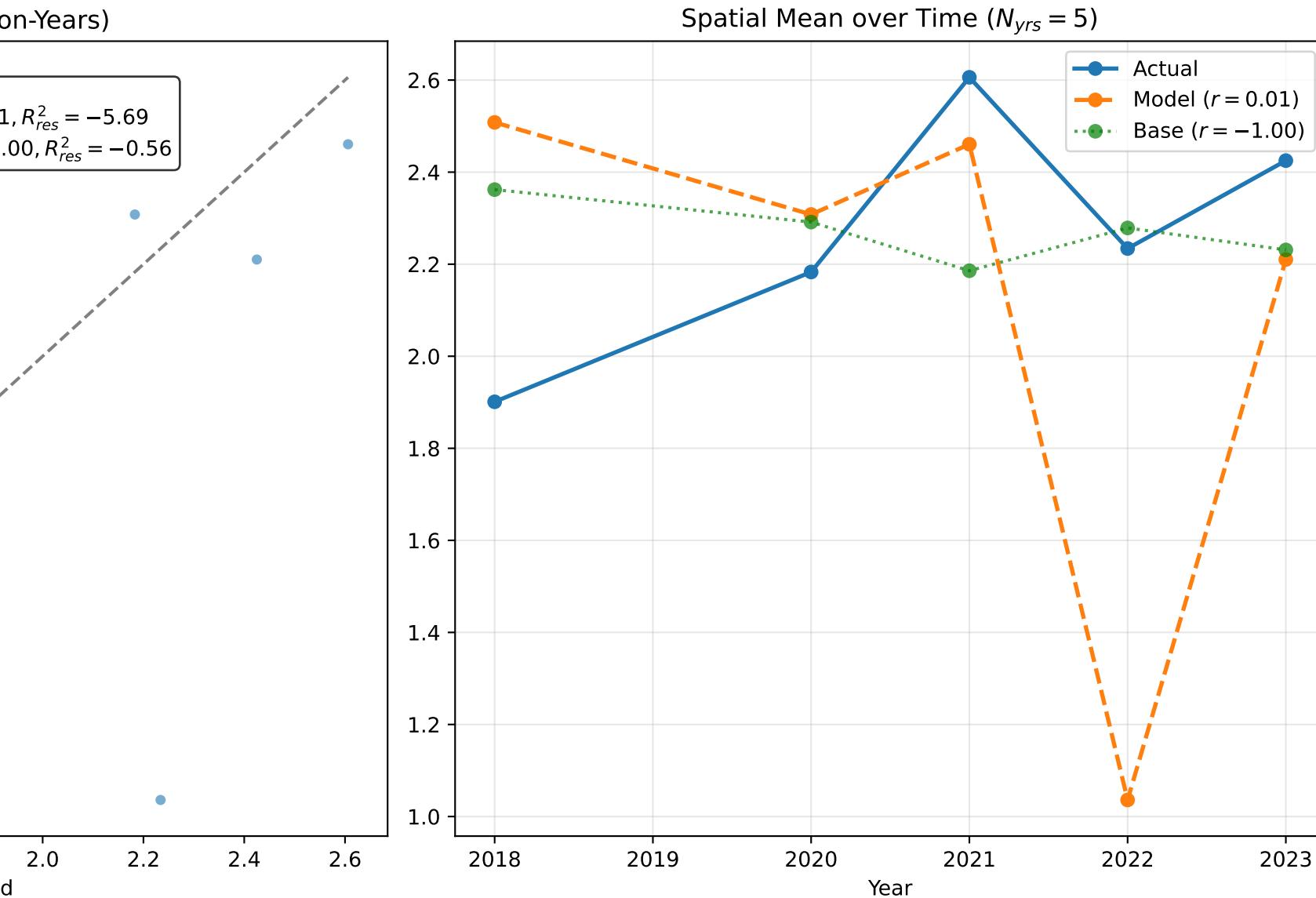
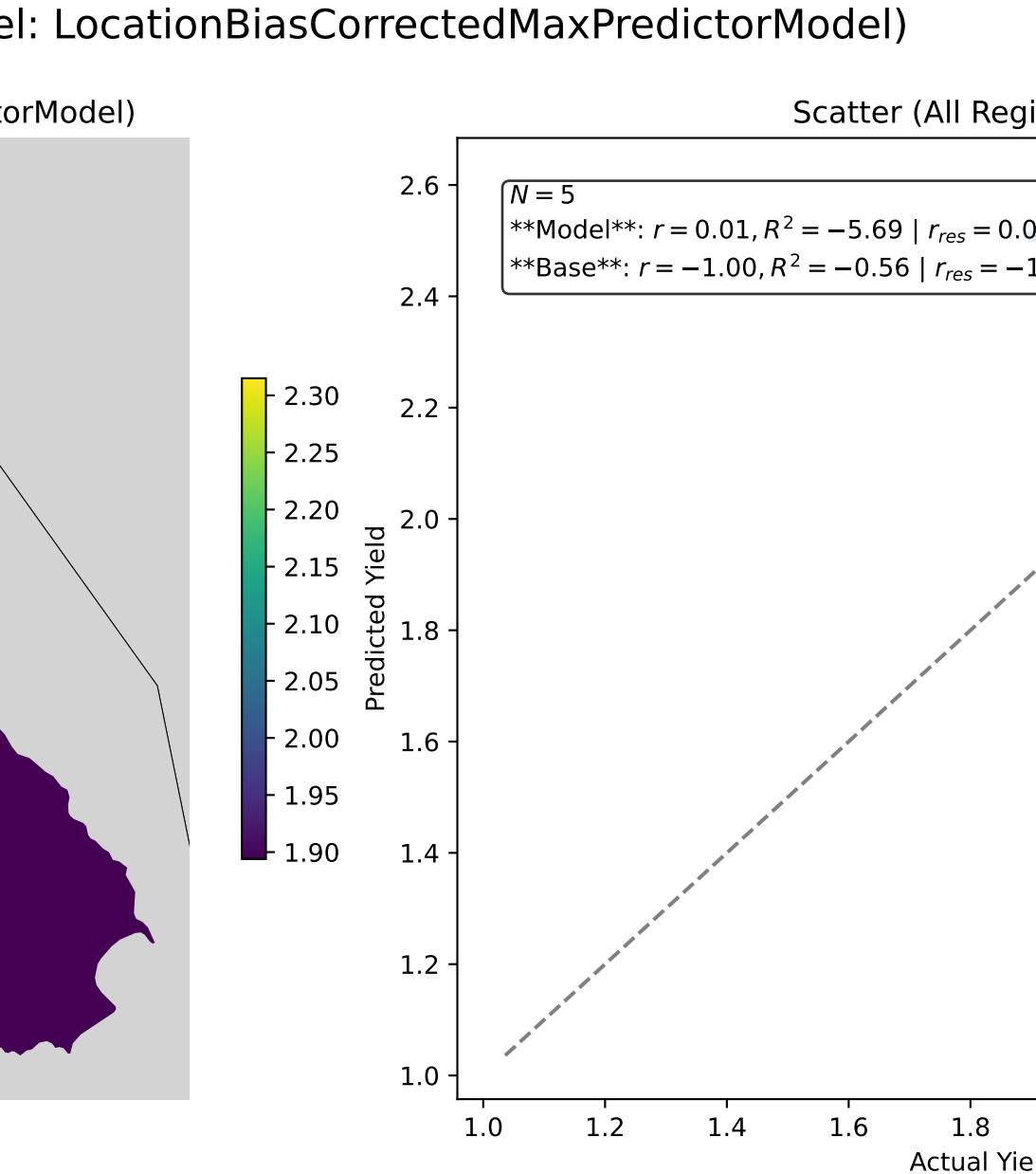
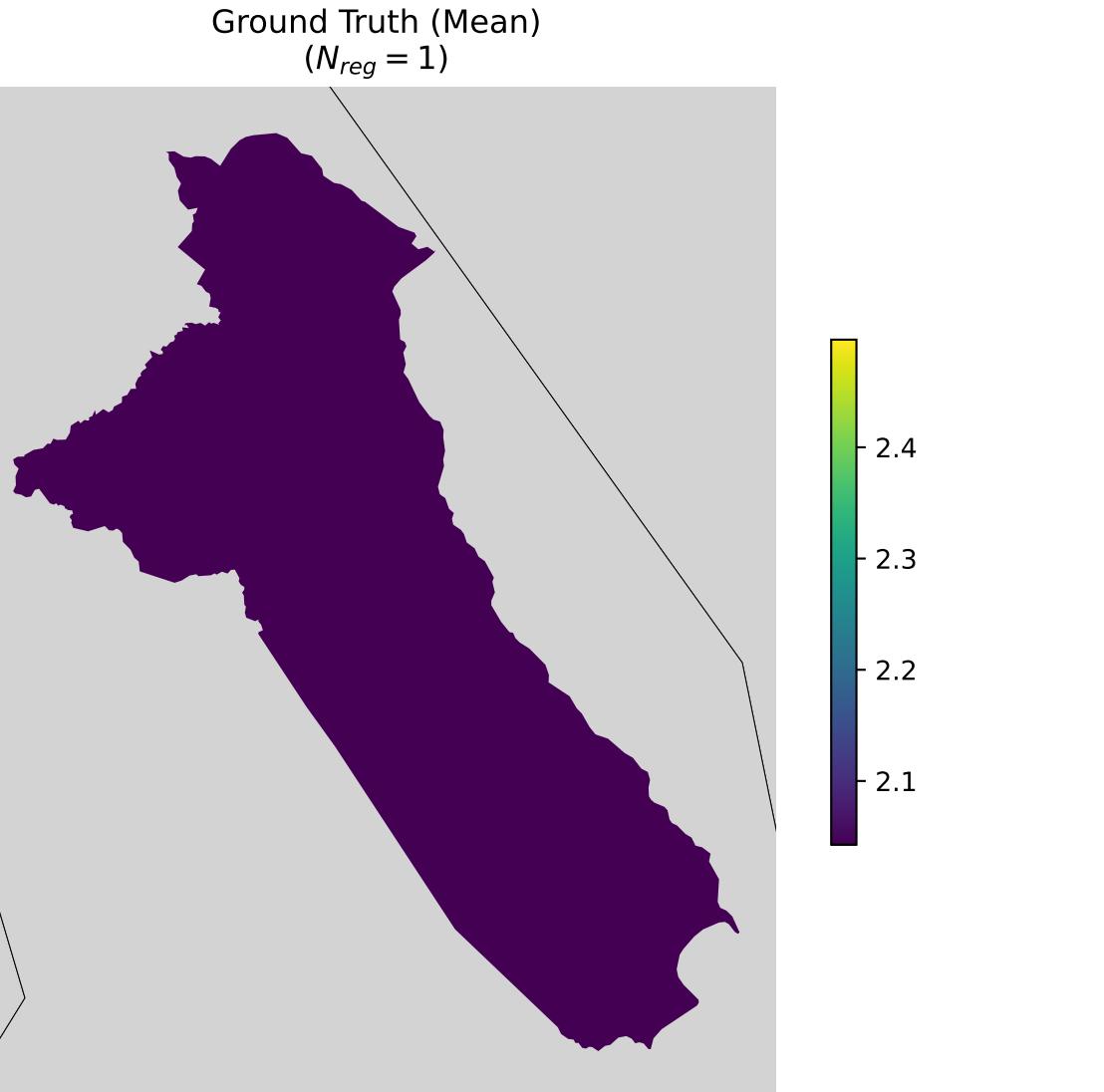
maize\_ML (Model: LocationBiasCorrectedMaxPredictorModel)

Ground Truth (Mean)  
( $N_{reg} = 5$ )Prediction (Mean)  
(LocationBiasCorrectedMaxPredictorModel)

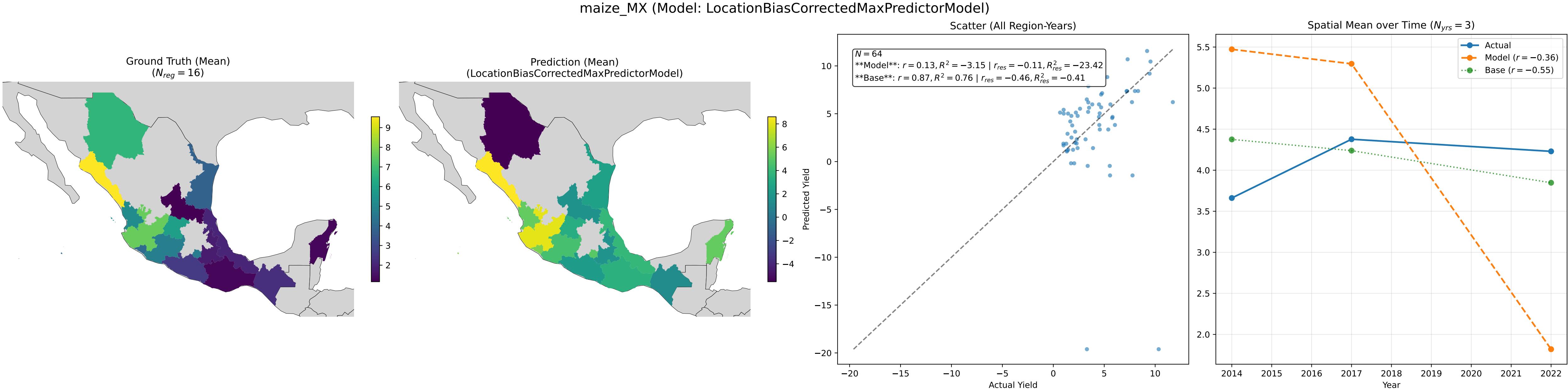
Scatter

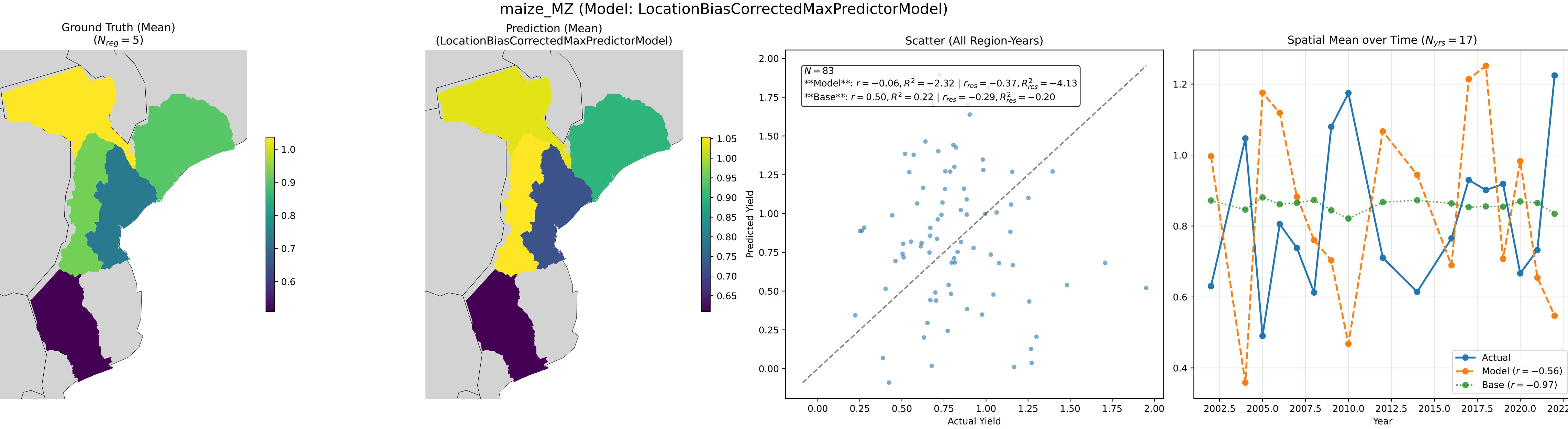
(All Region-Years)

Spatial Mean over Time ( $N_{yrs} = 17$ )

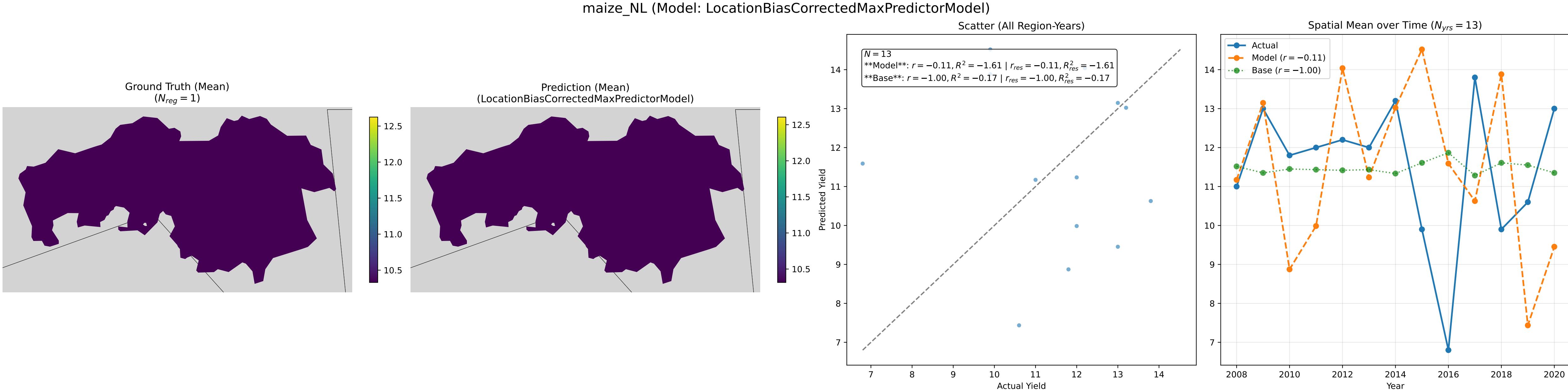


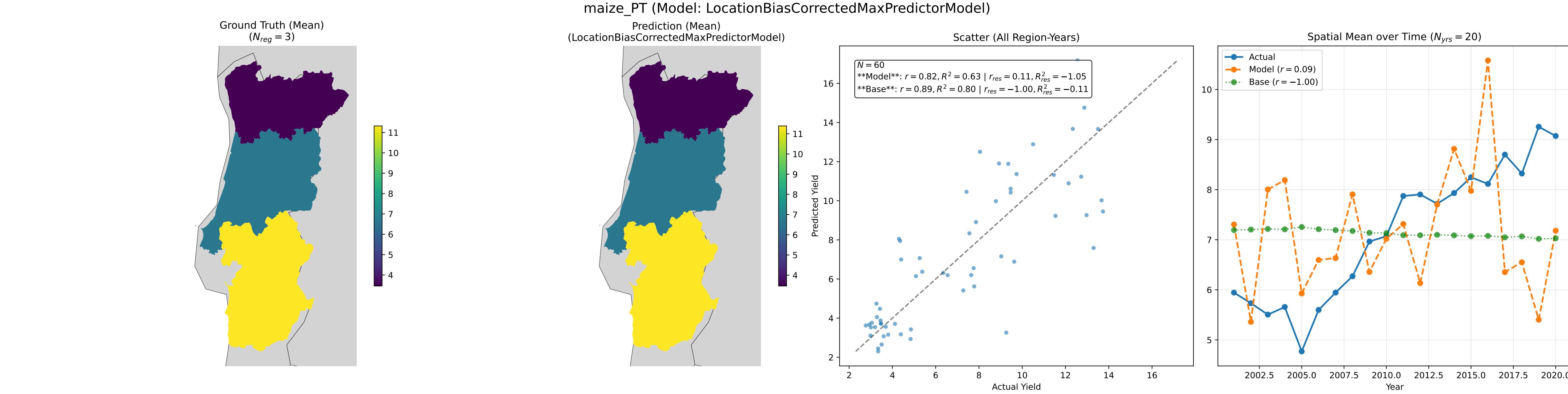
maize\_MX (Model: LocationBiasCorrectedMaxPredictorModel)



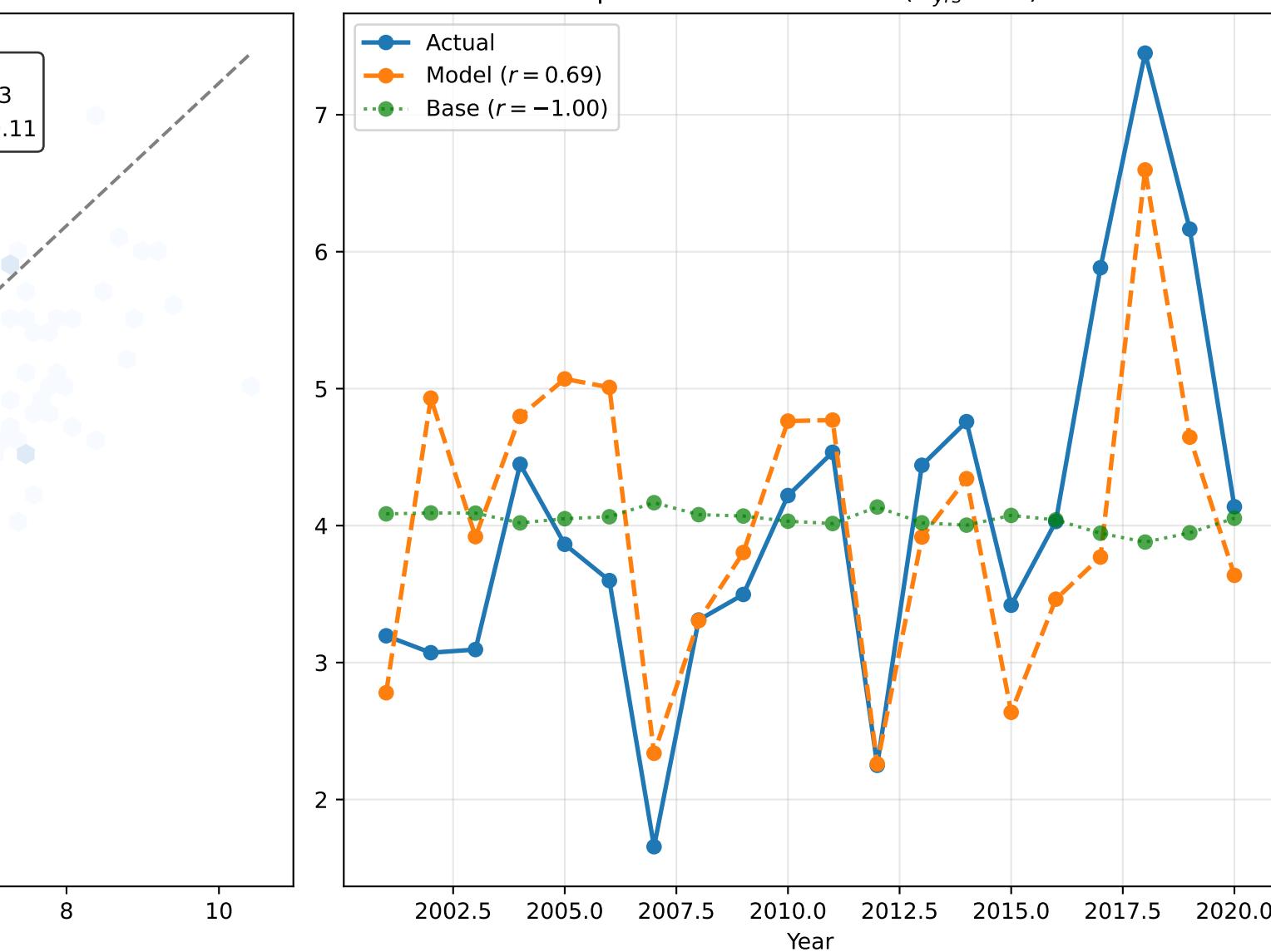
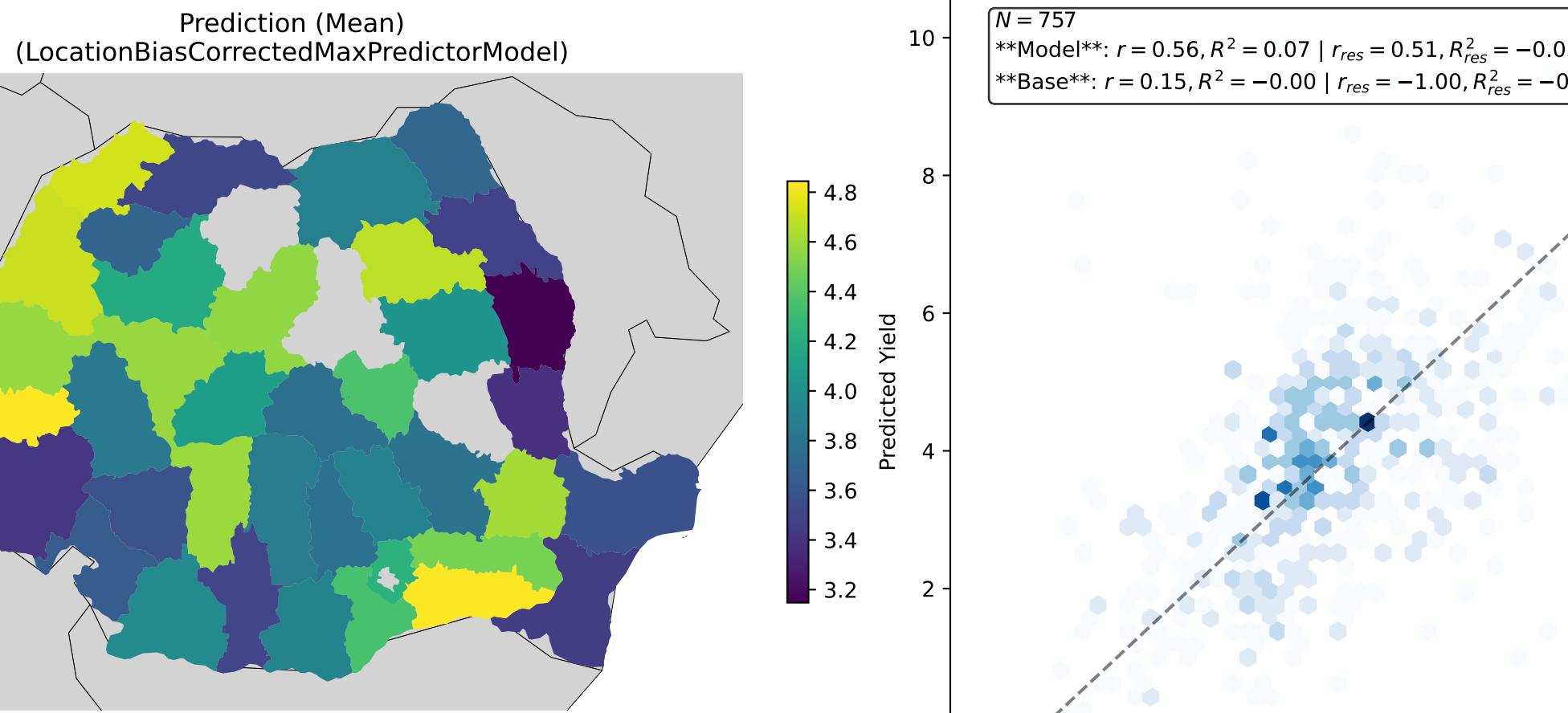
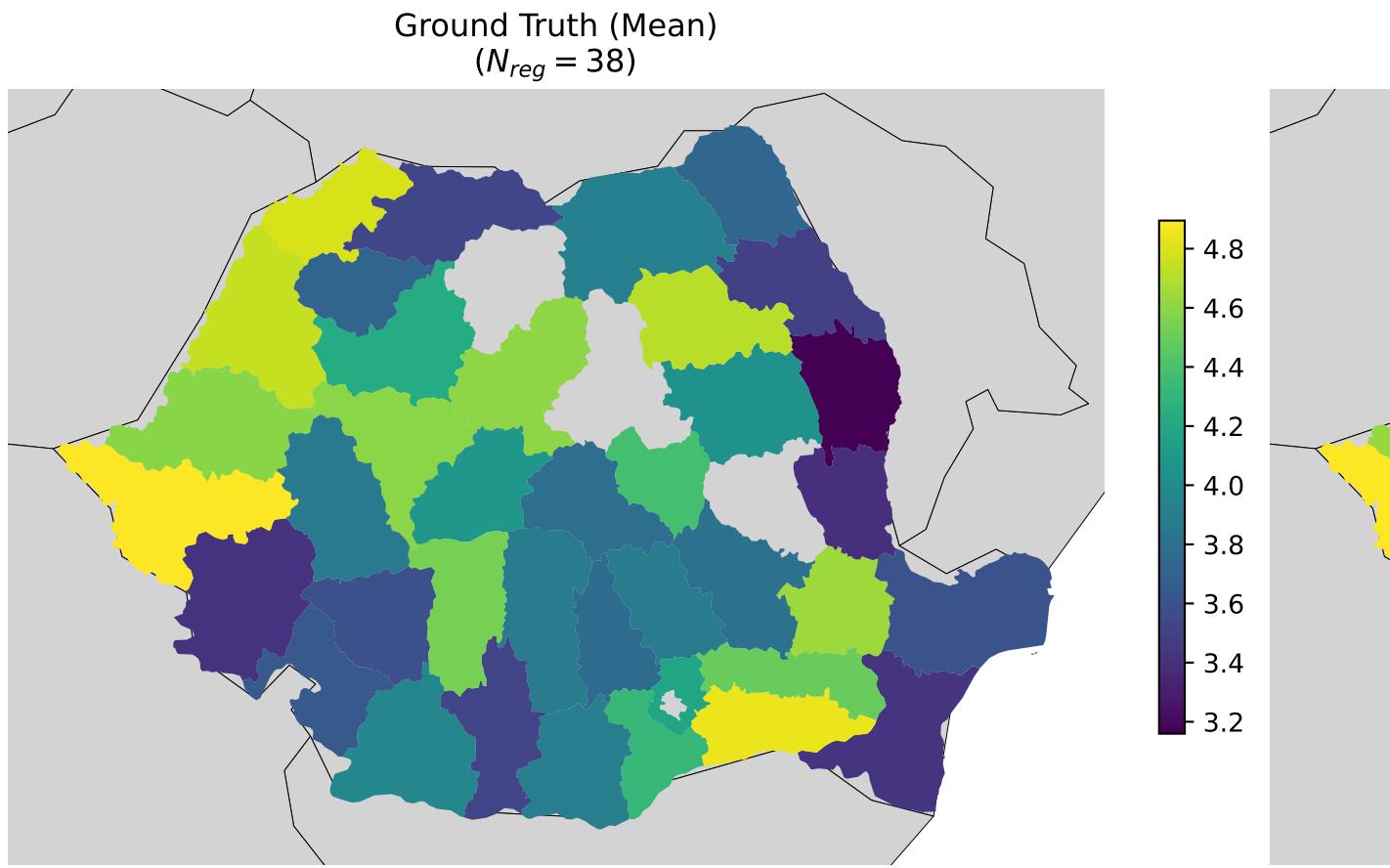


maize\_NL (Model: LocationBiasCorrectedMaxPredictorModel)

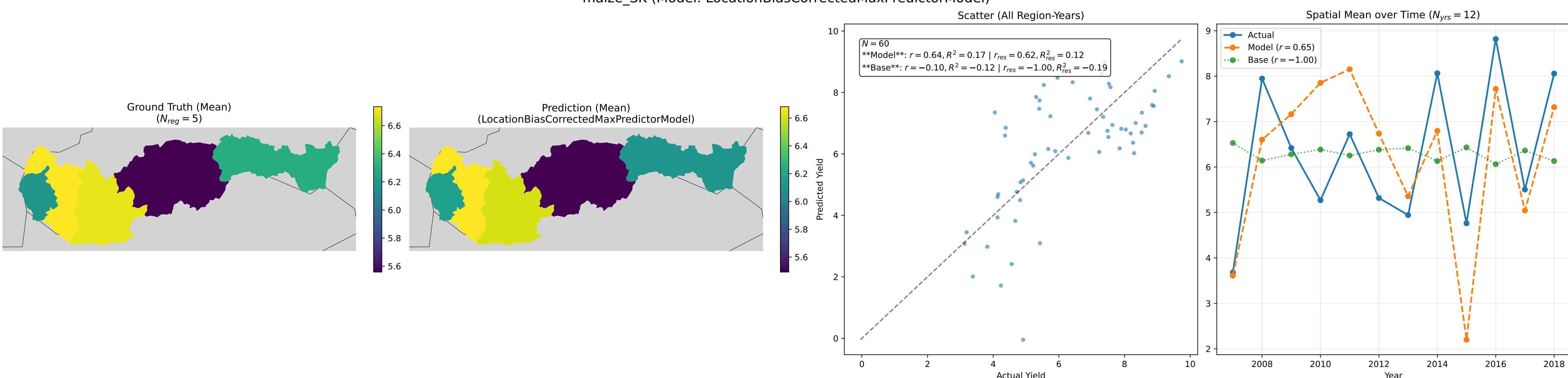




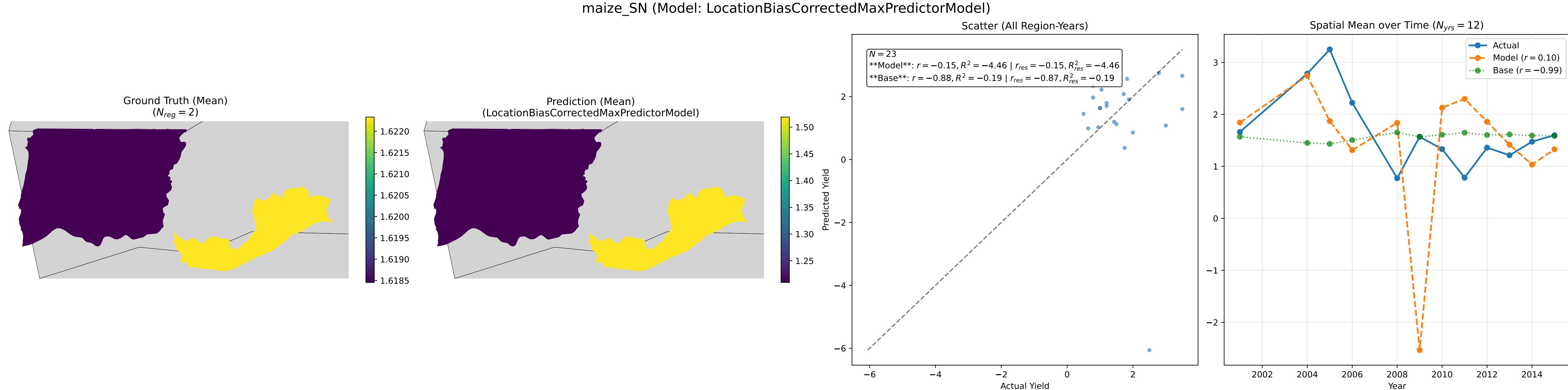
maize\_RO (Model: LocationBiasCorrectedMaxPredictorModel)

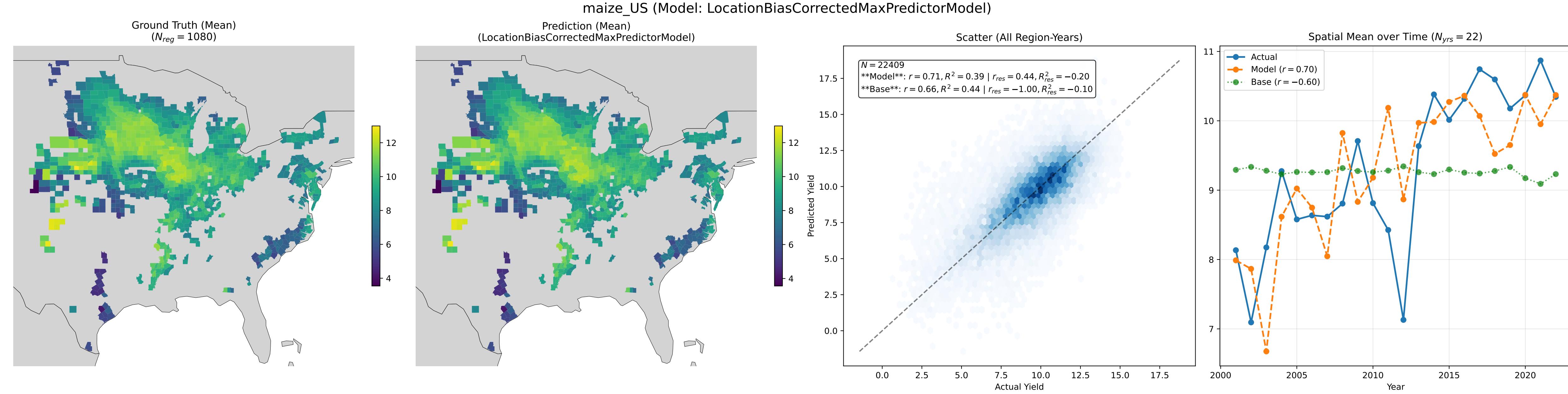


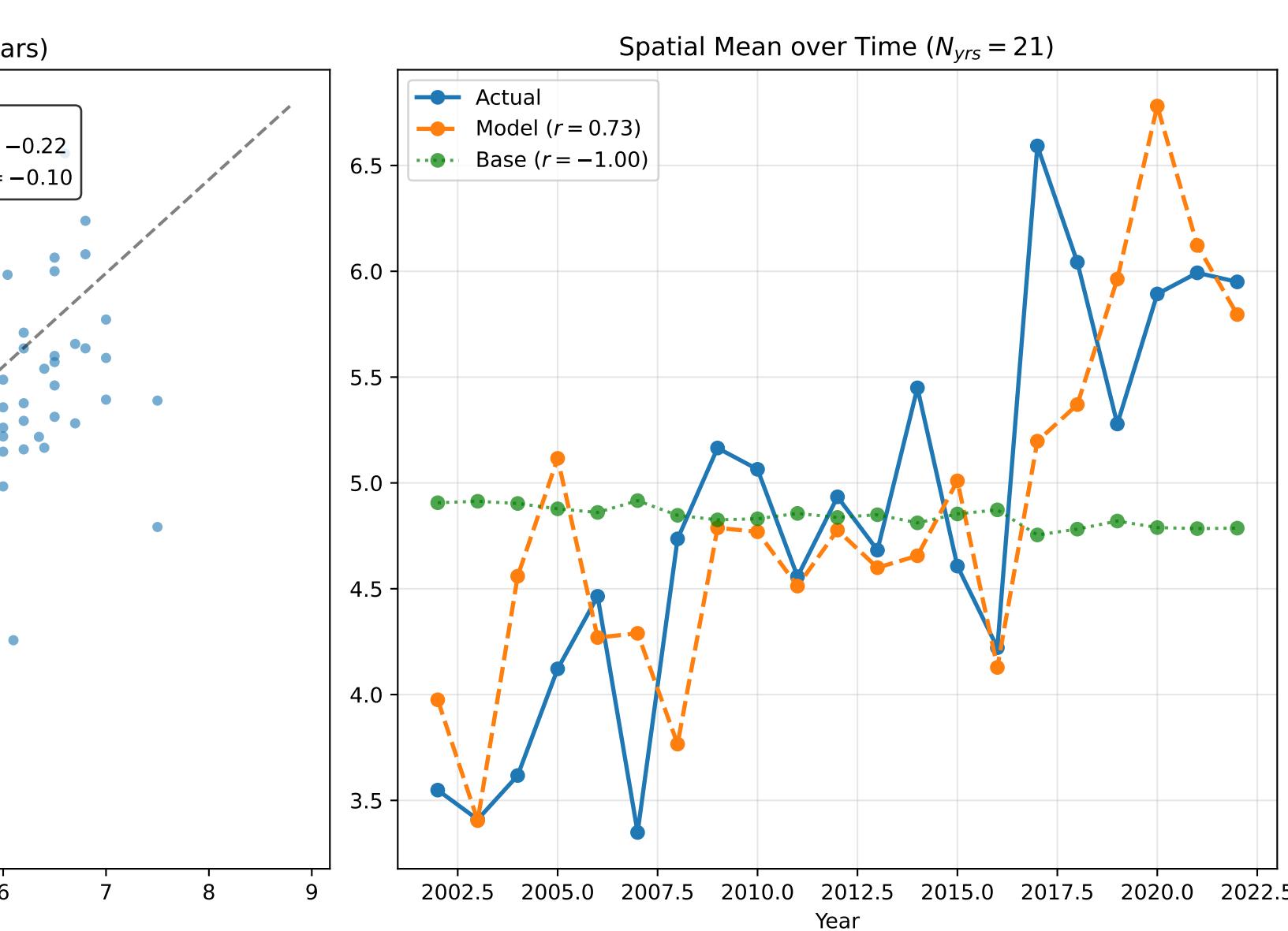
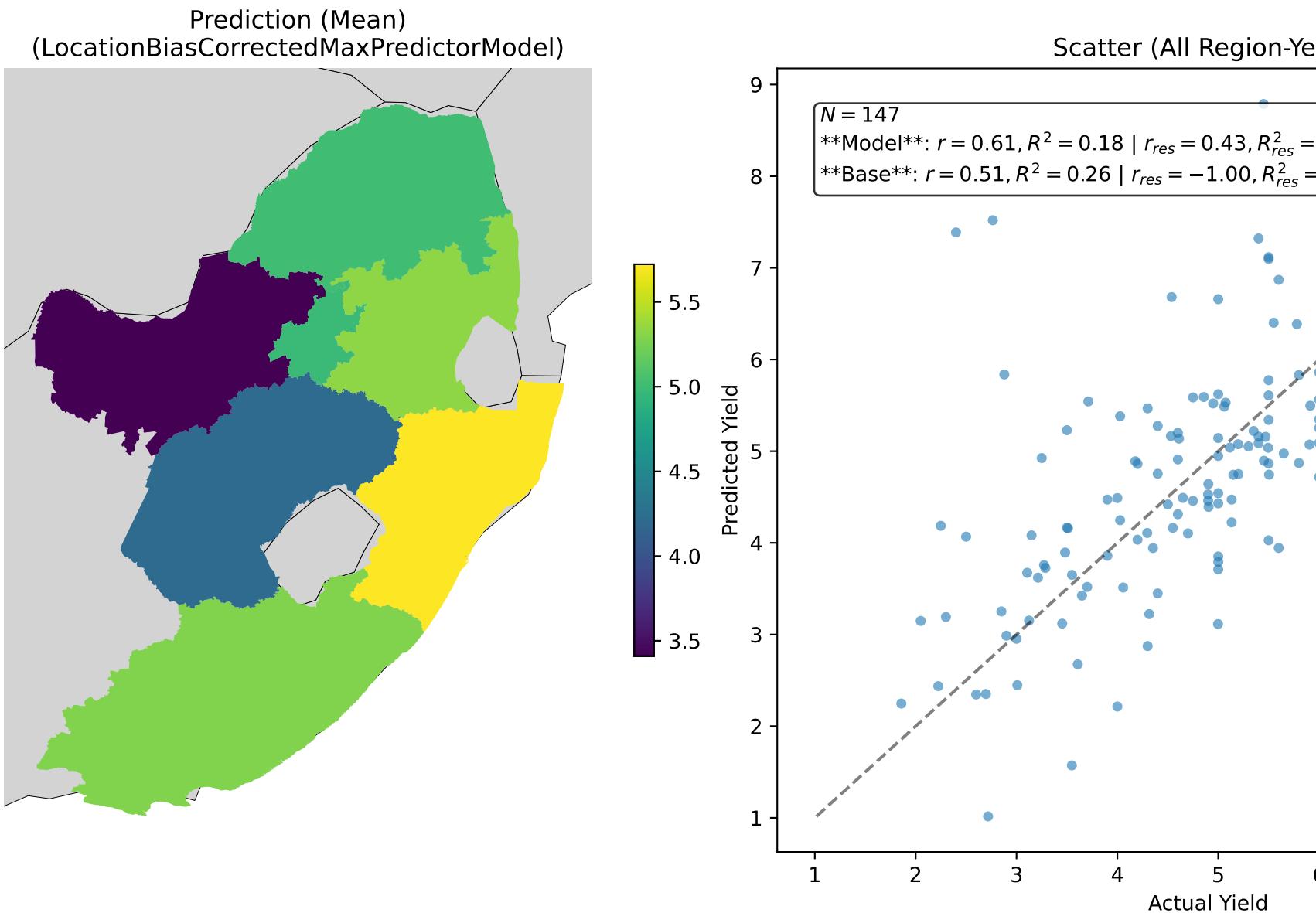
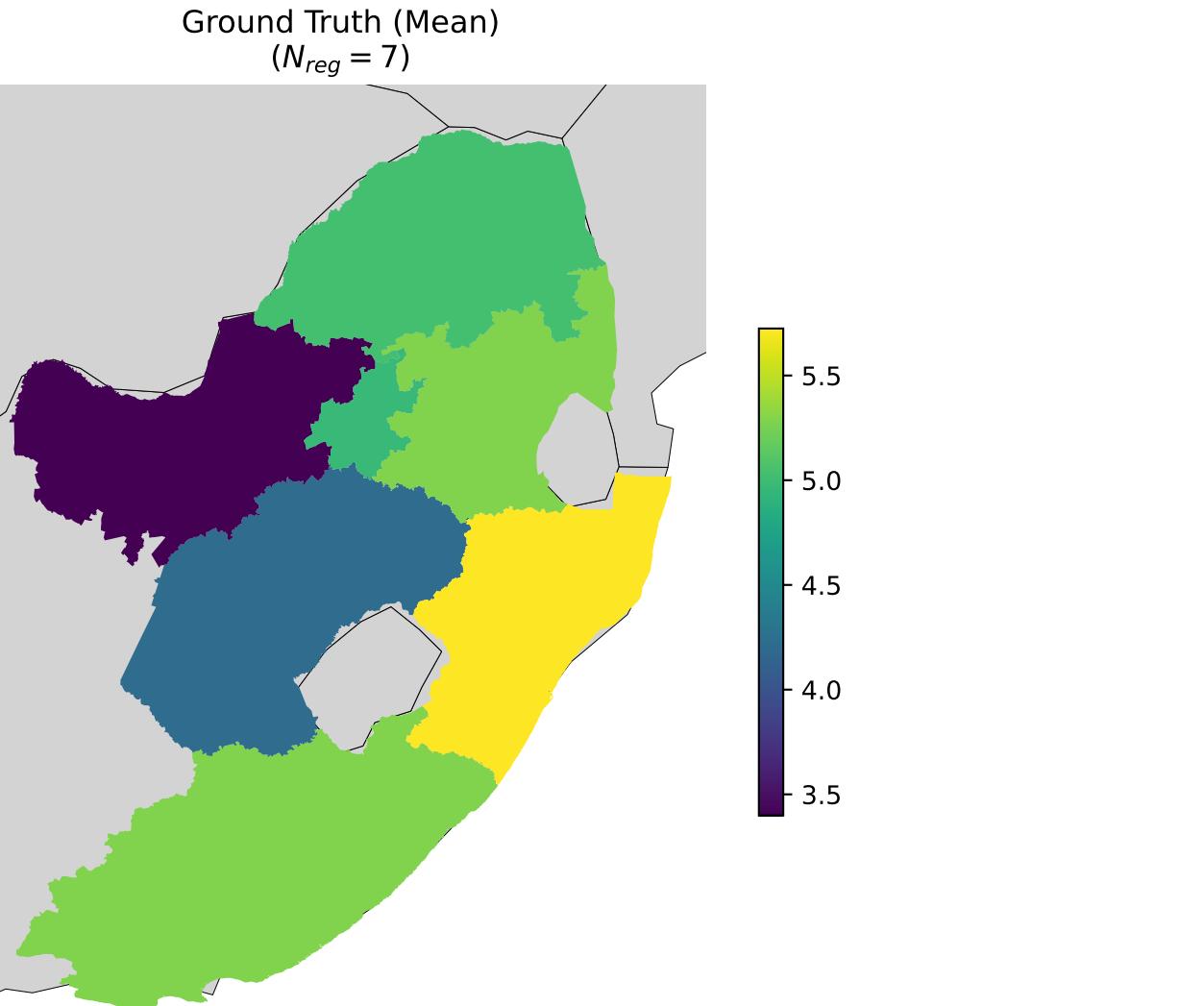
maize\_SK (Model: LocationBiasCorrectedMaxPredictorModel)



maize\_SN (Model: LocationBiasCorrectedMaxPredictorModel)







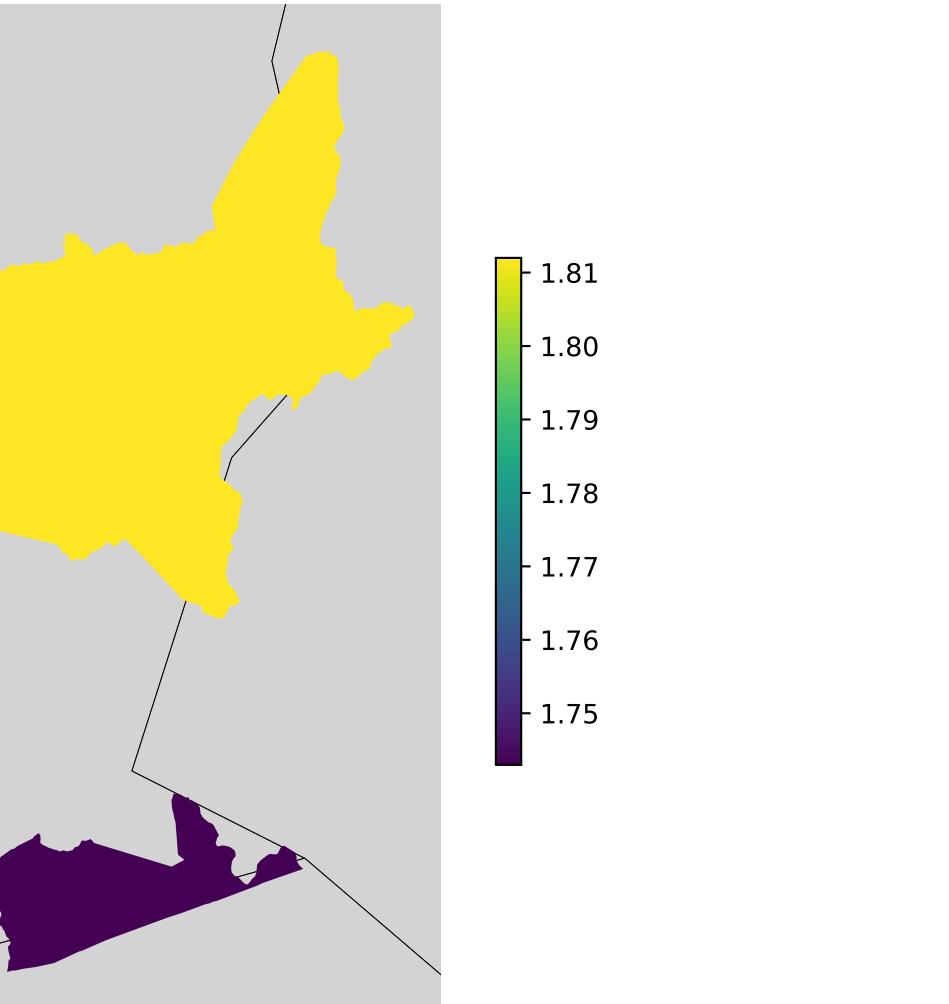
maize\_ZM (Model: LocationBiasCorrectedMaxPredictorModel)

Prediction (Mean)  
(LocationBiasCorrectedMaxPredictorModel)

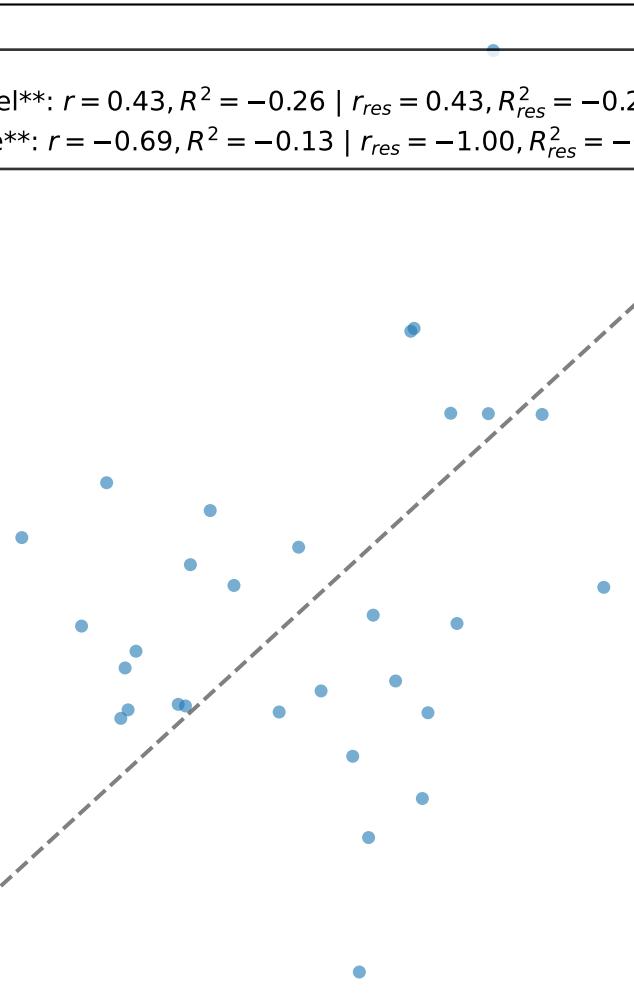
Scatter (All Region-Years)

Spatial Mean over Time ( $N_{yrs} = 16$ )

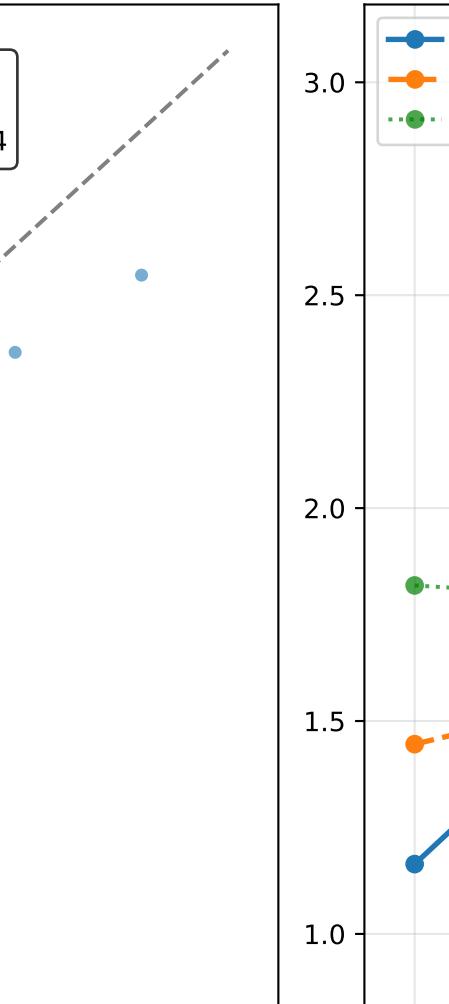
Ground Truth (Mean)  
( $N_{reg} = 2$ )



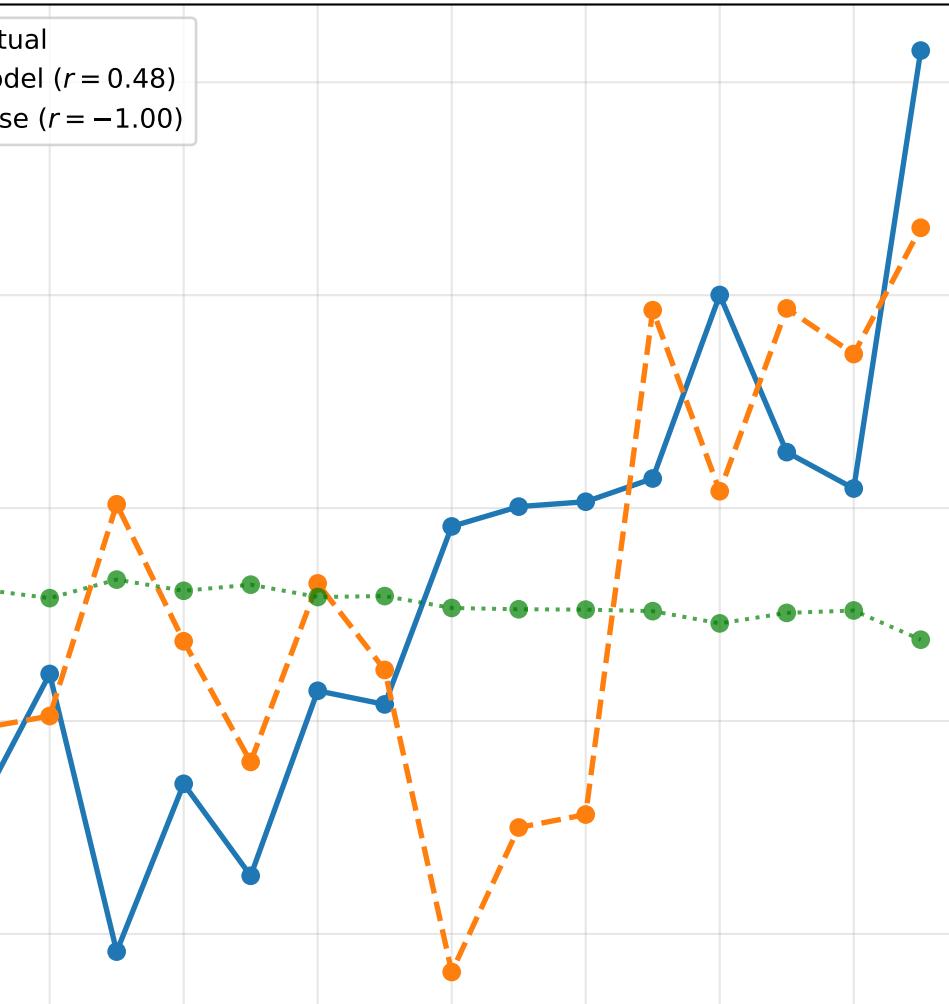
1.81  
1.80  
1.79  
1.78  
1.77  
1.76  
1.75  
1.74



1.81  
1.80  
1.79  
1.78  
1.77  
1.76  
1.75  
1.74



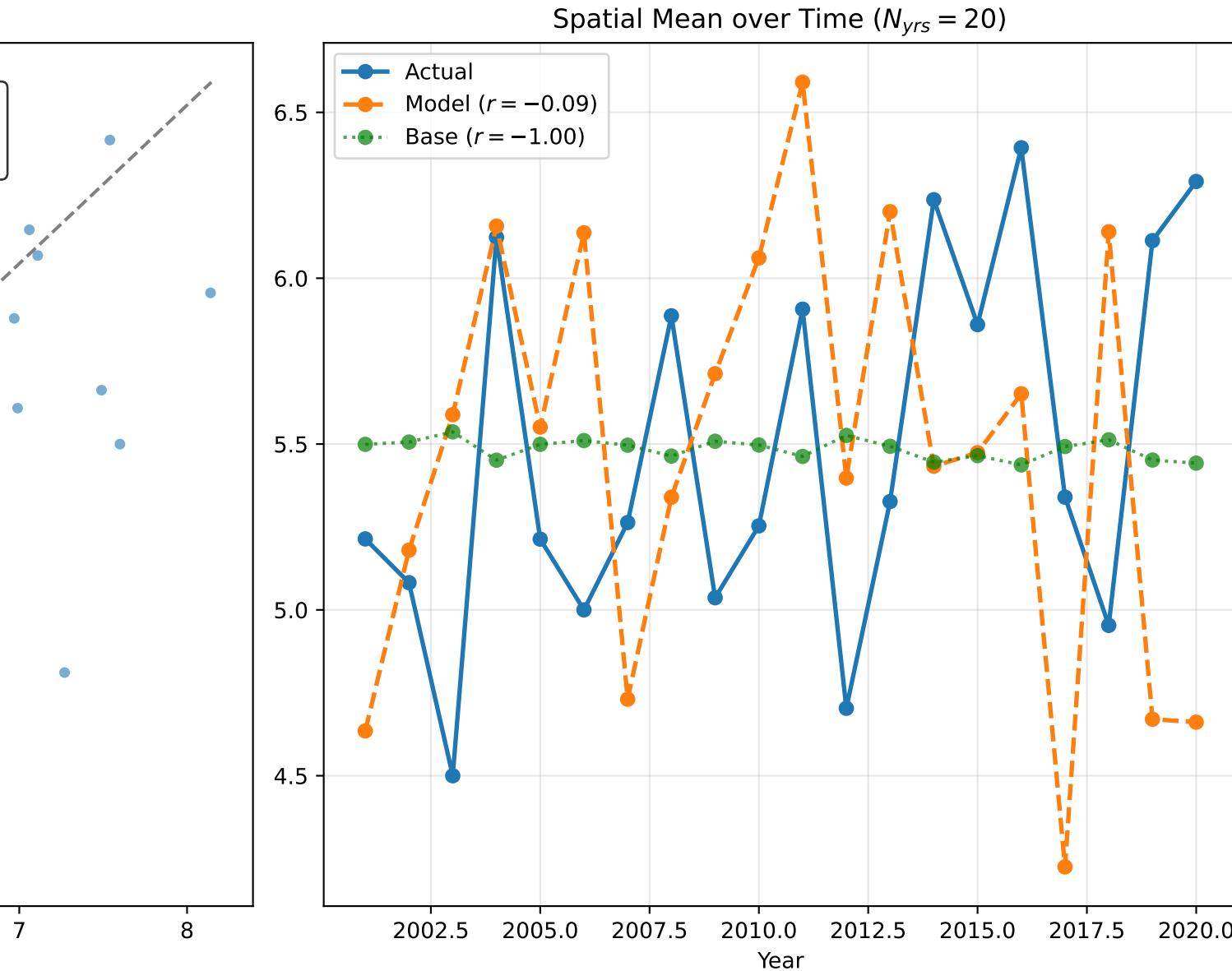
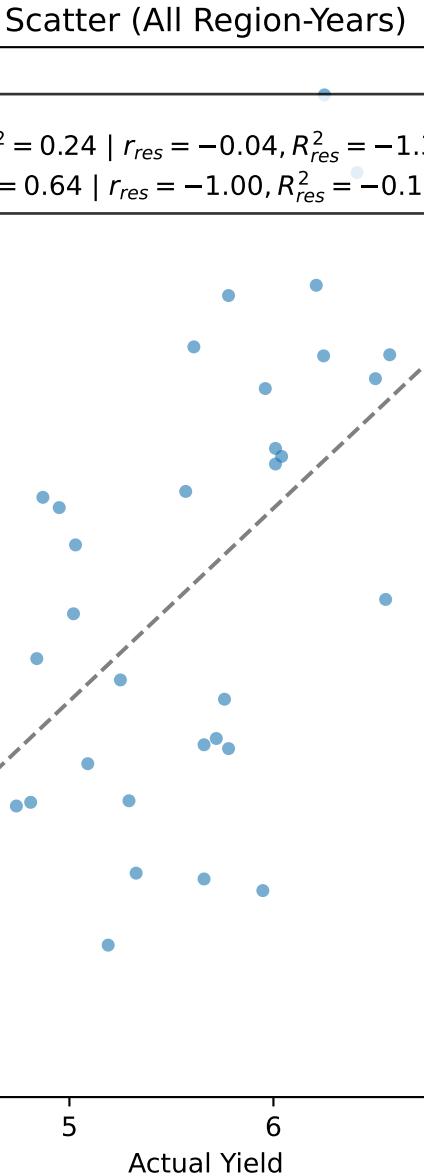
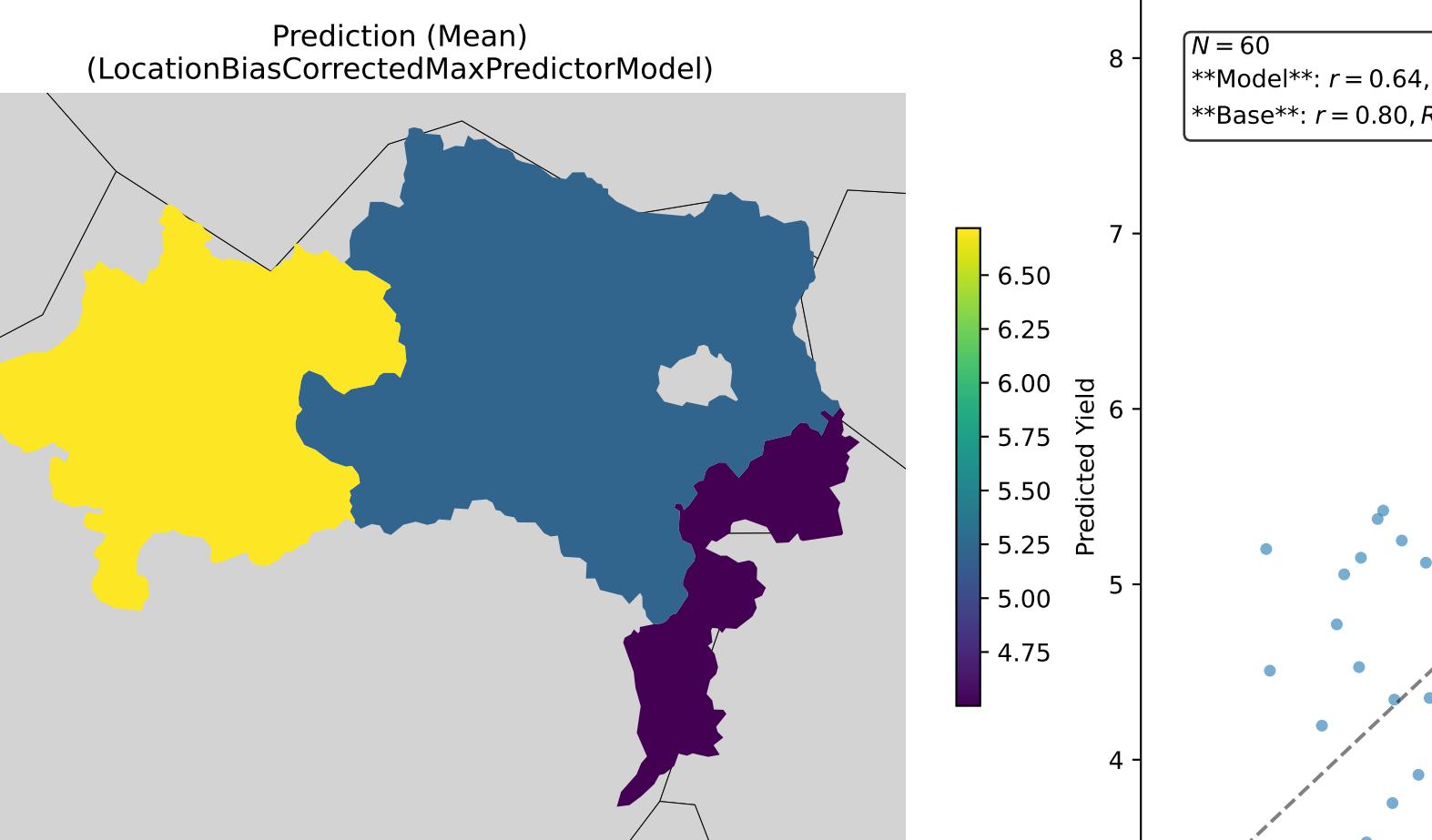
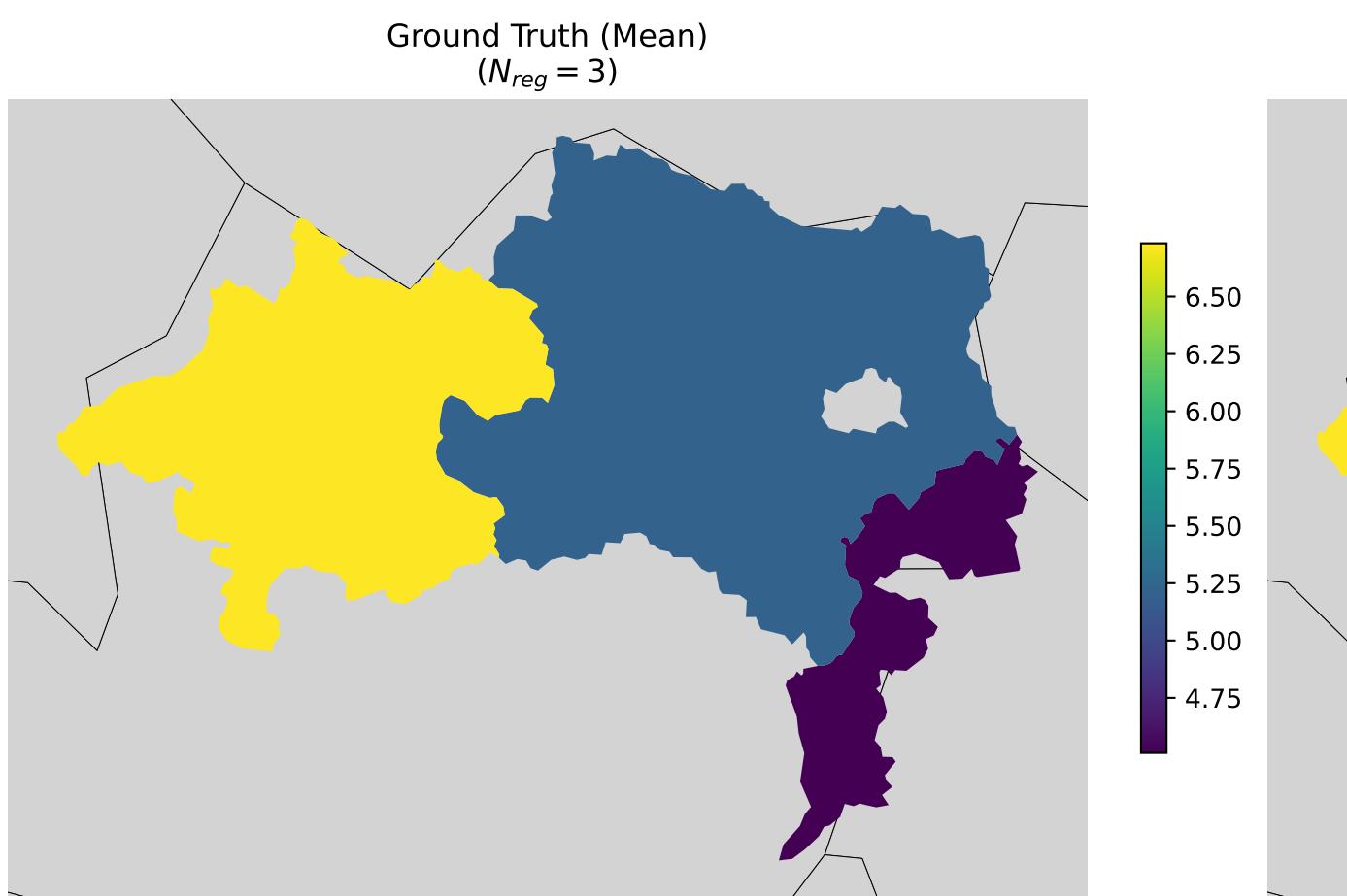
$N = 32$   
\*\*Model\*\*:  $r = 0.43, R^2 = -0.26 \mid r_{res} = 0.43, R^2_{res} = -0.26$   
\*\*Base\*\*:  $r = -0.69, R^2 = -0.13 \mid r_{res} = -1.00, R^2_{res} = -0.14$



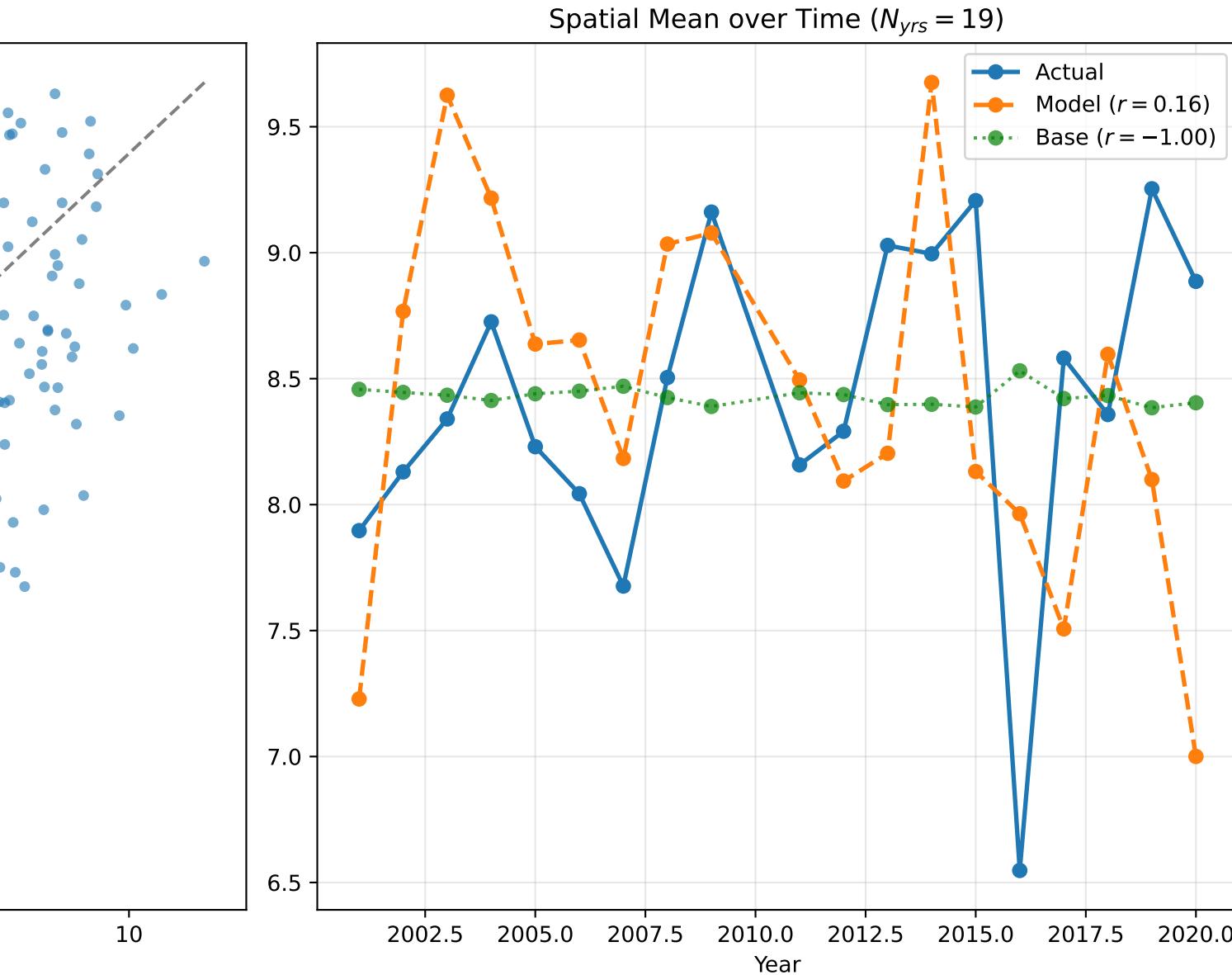
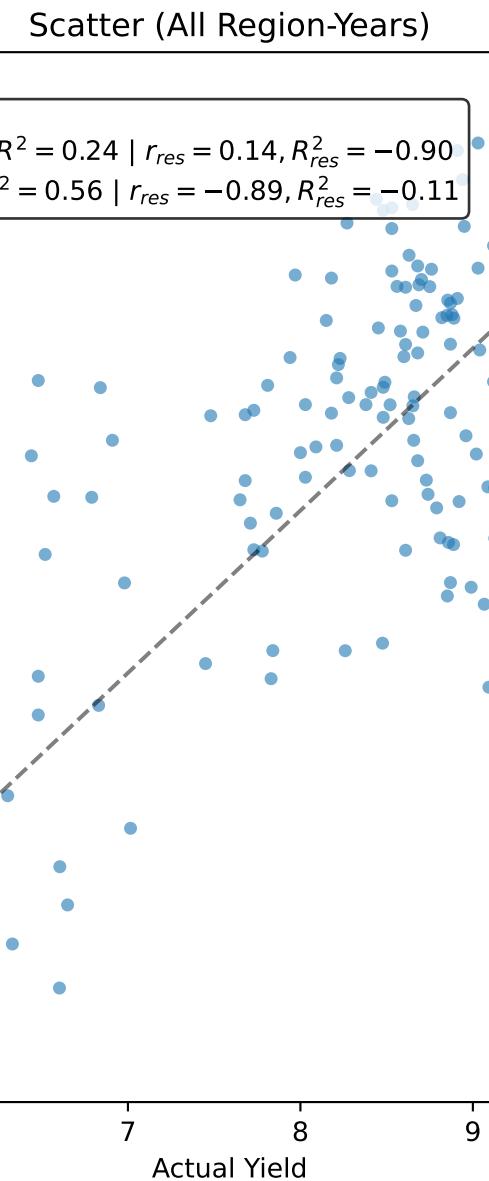
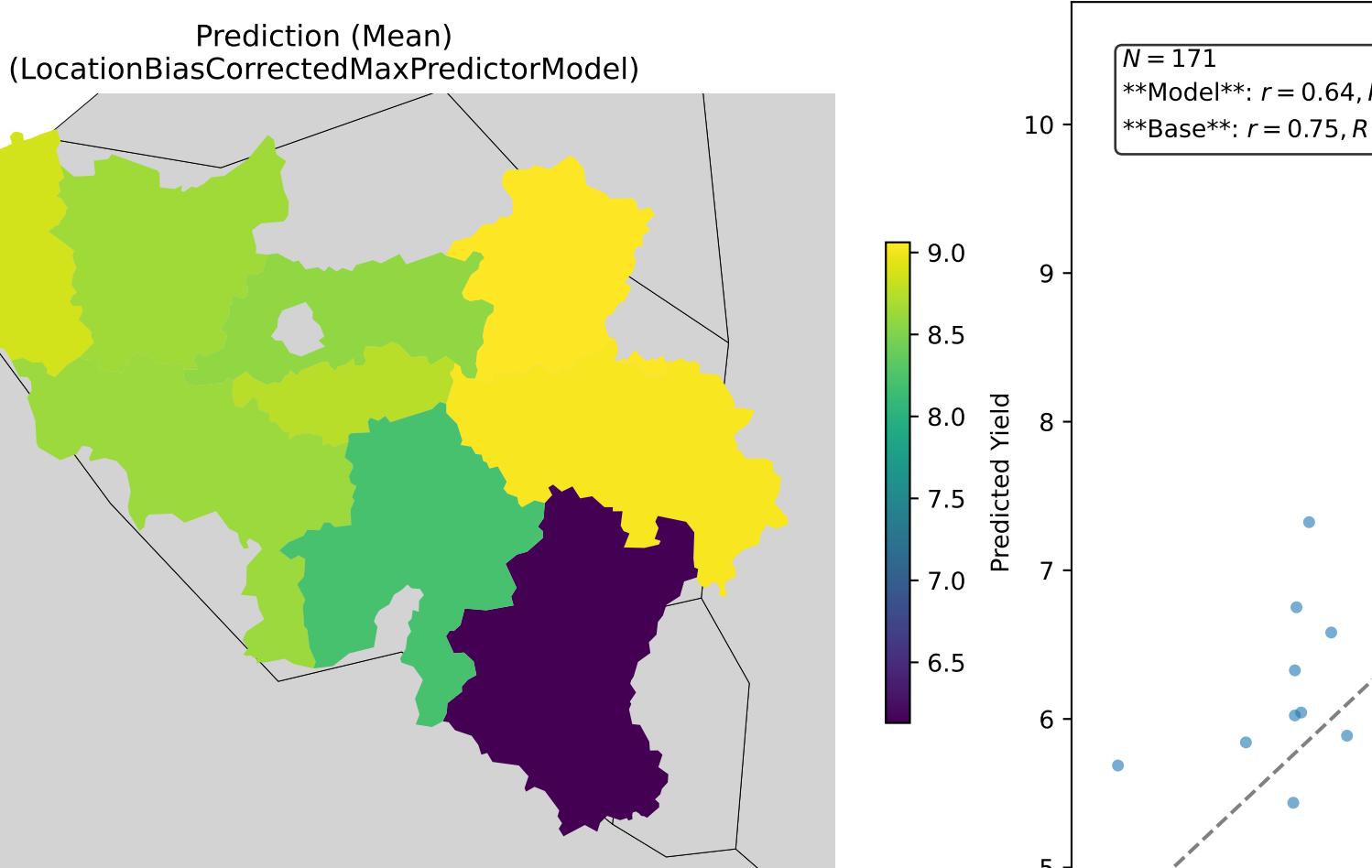
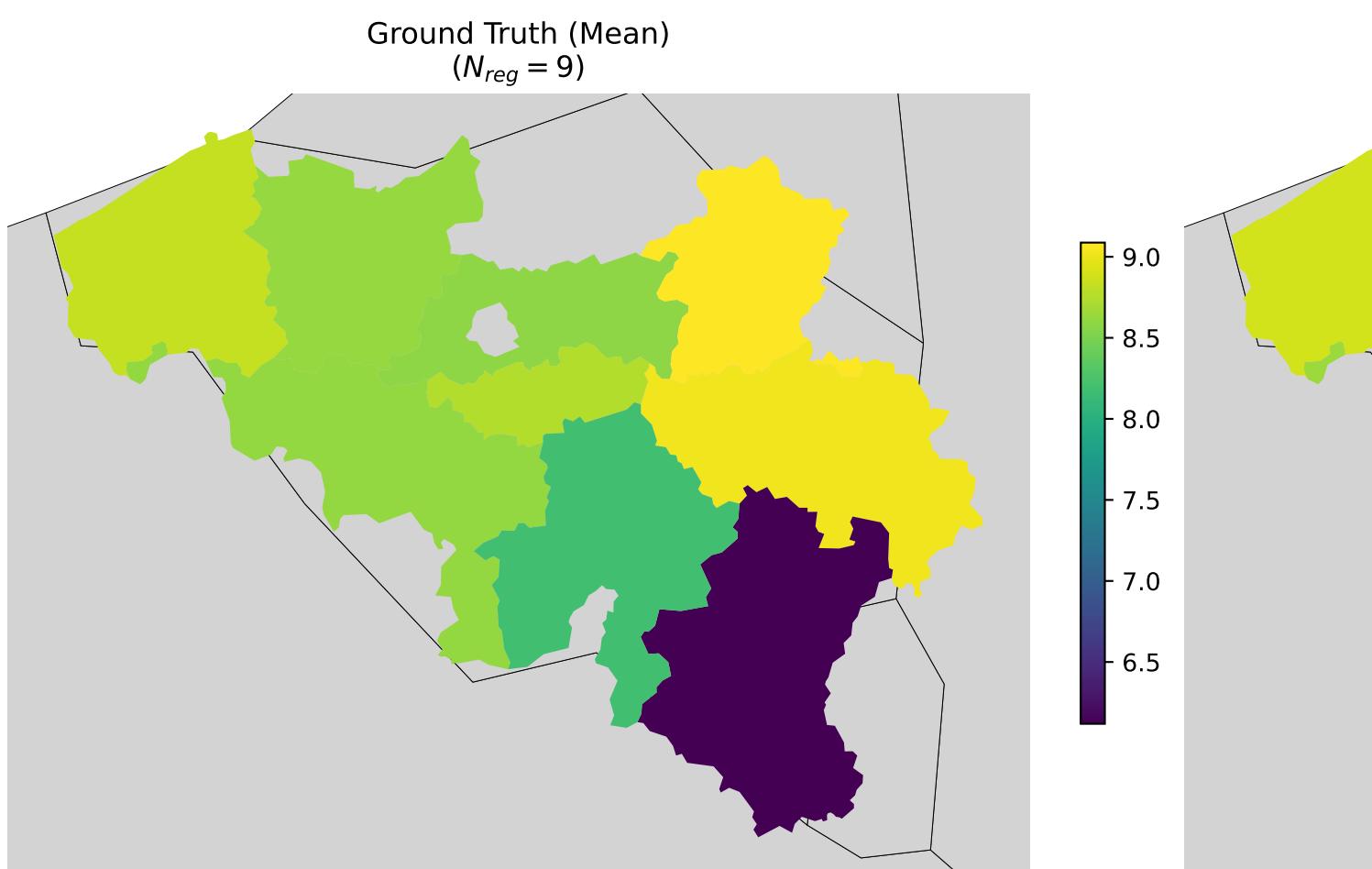
Actual  
Model ( $r = 0.48$ )  
Base ( $r = -1.00$ )

Predicted Yield  
Year

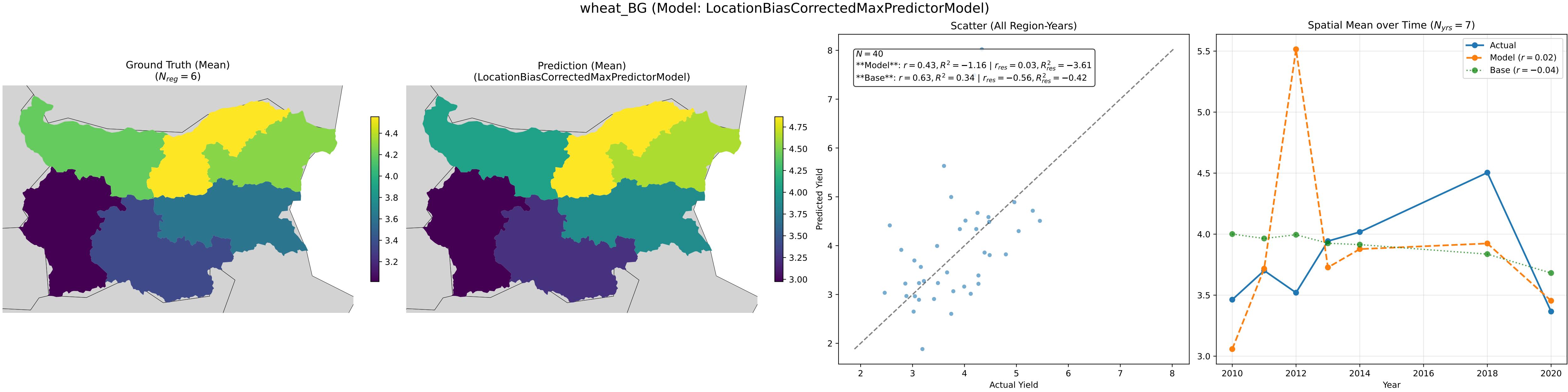
wheat\_AT (Model: LocationBiasCorrectedMaxPredictorModel)



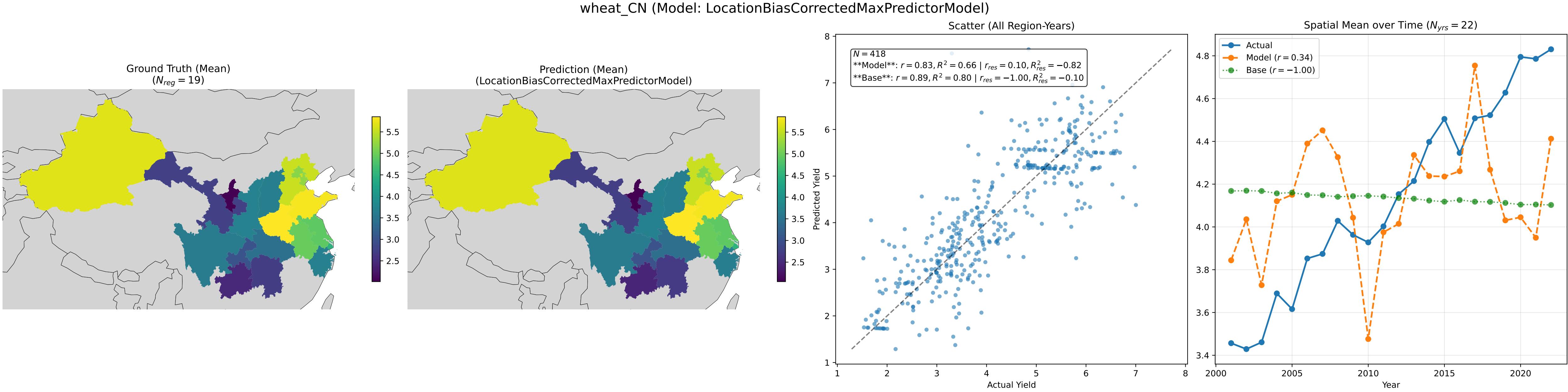
wheat\_BE (Model: LocationBiasCorrectedMaxPredictorModel)



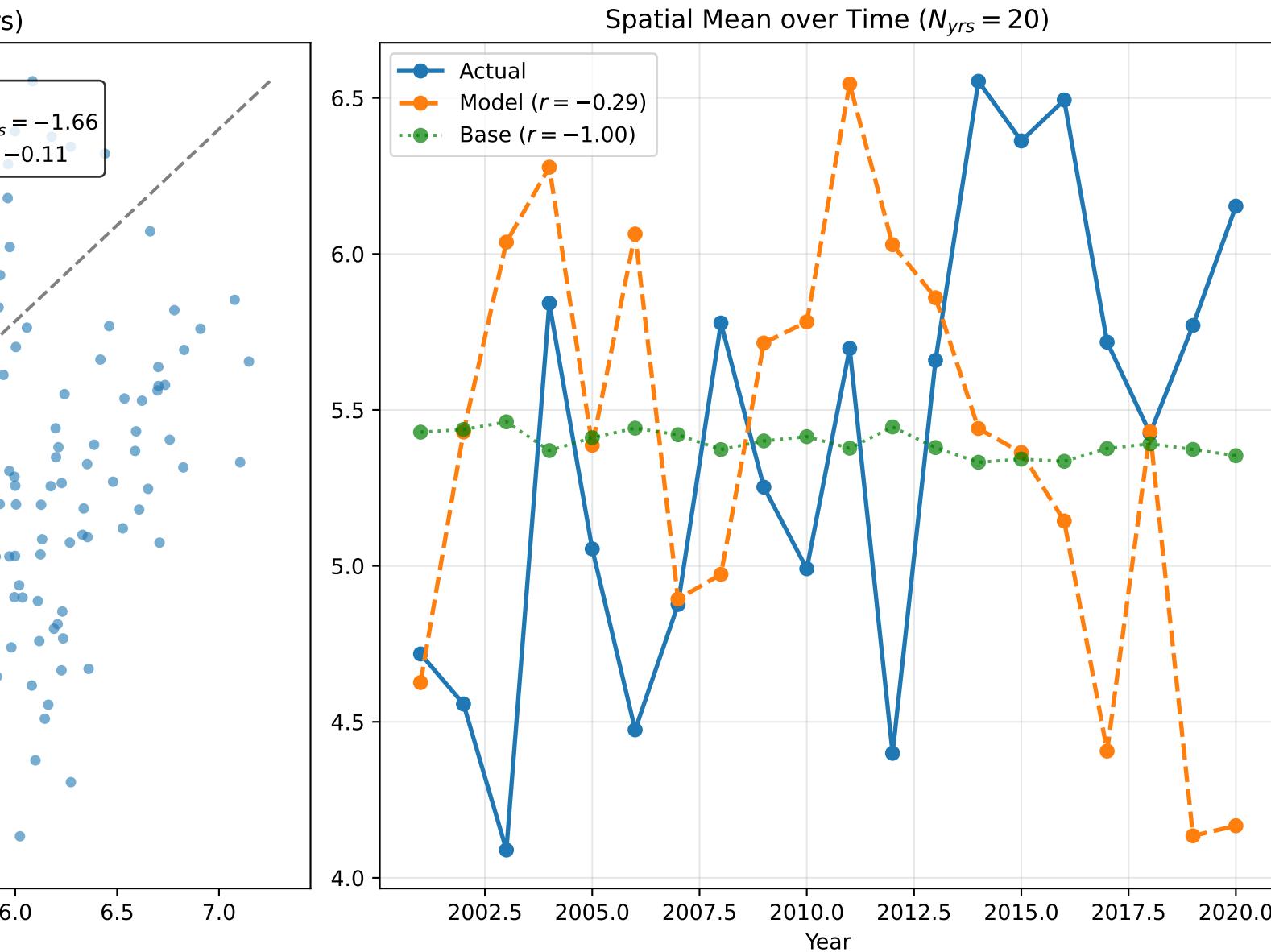
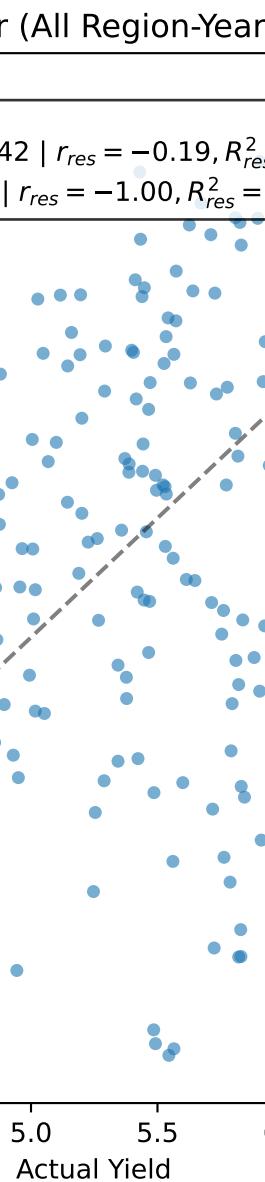
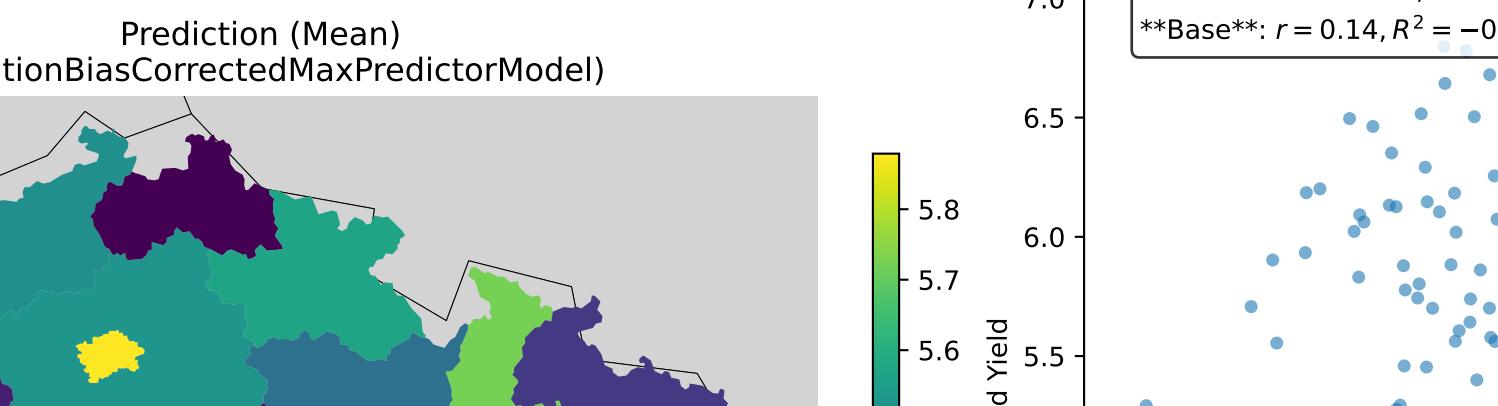
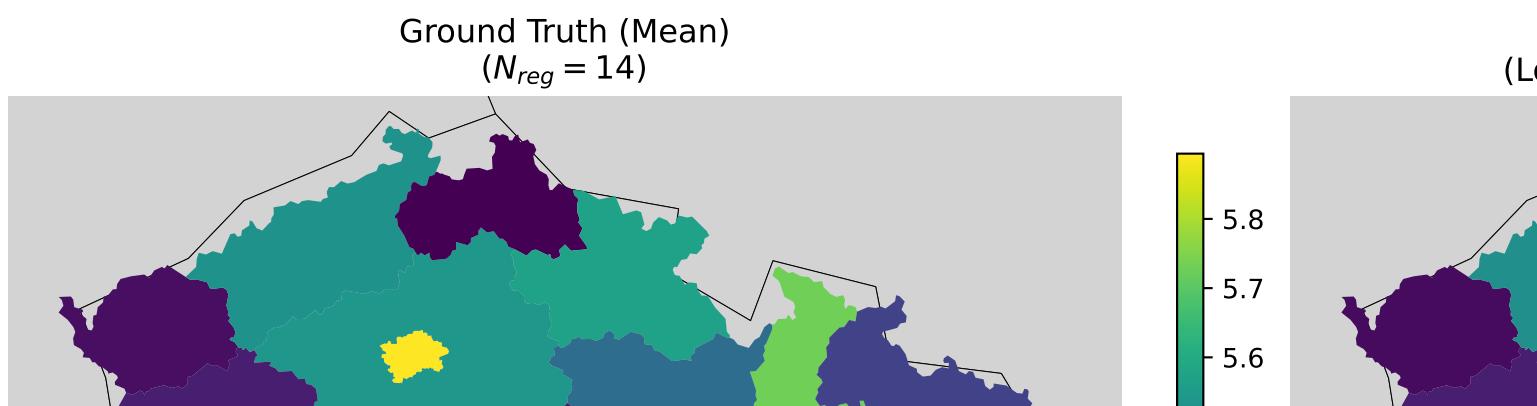
wheat\_BG (Model: LocationBiasCorrectedMaxPredictorModel)

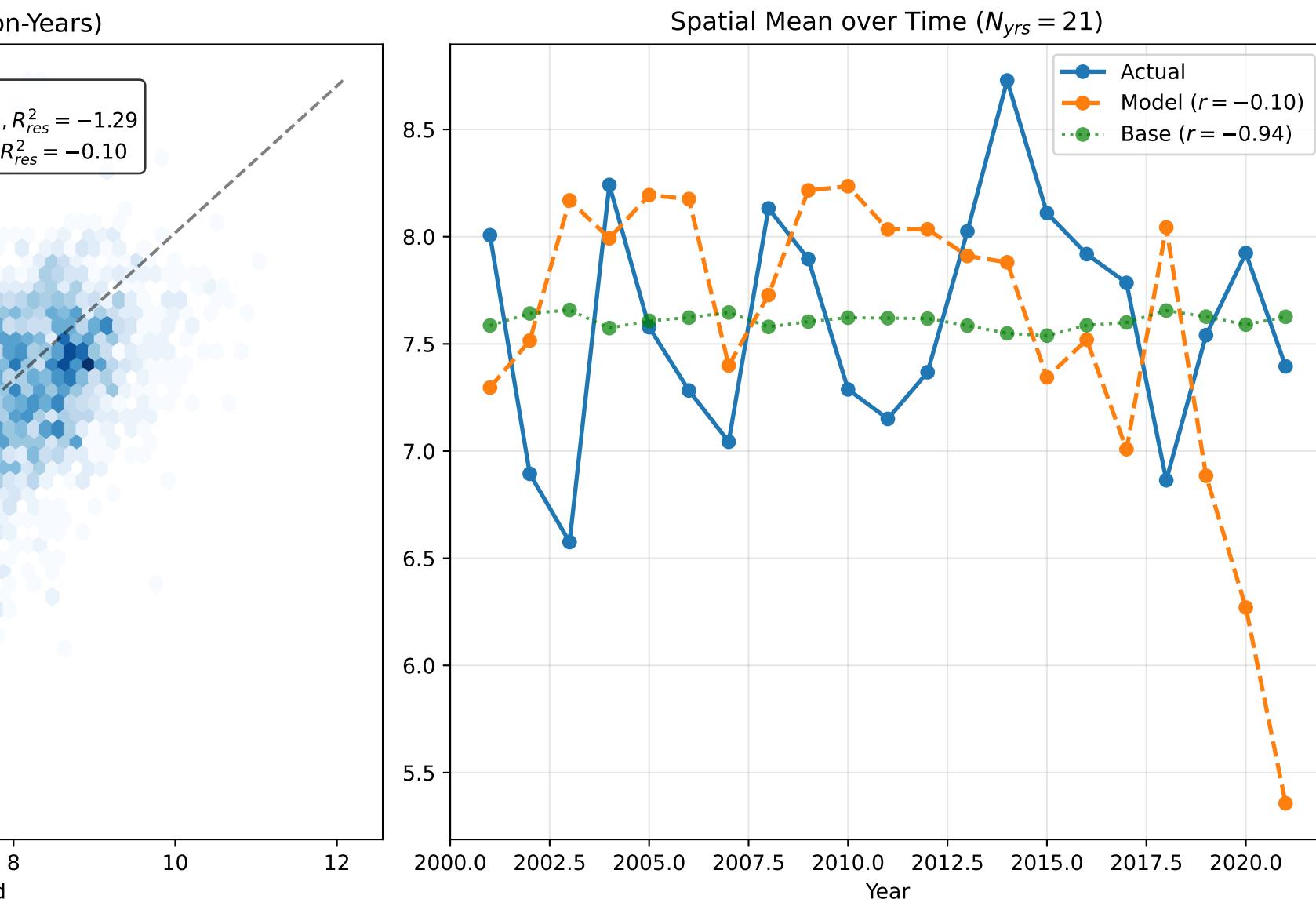
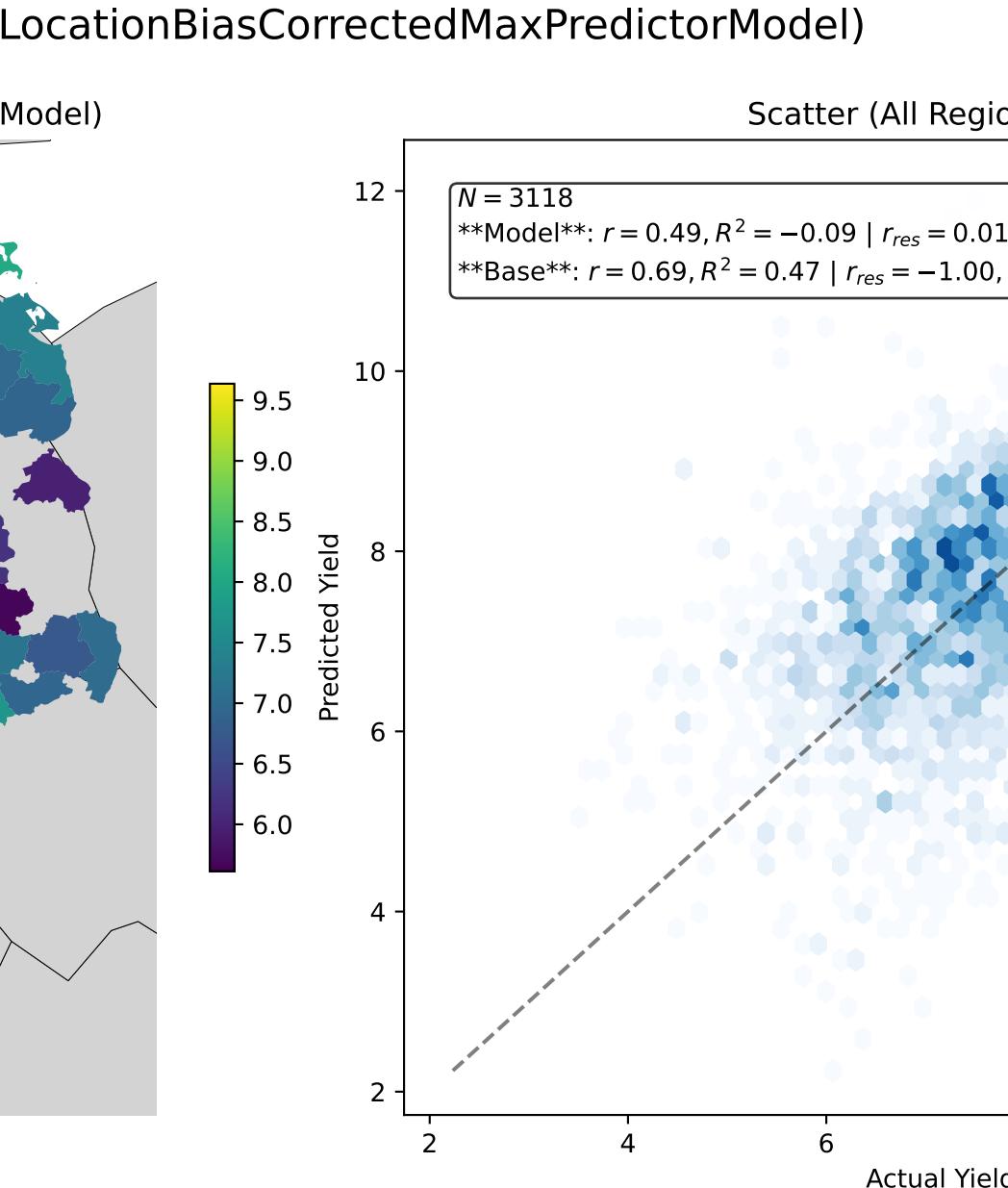
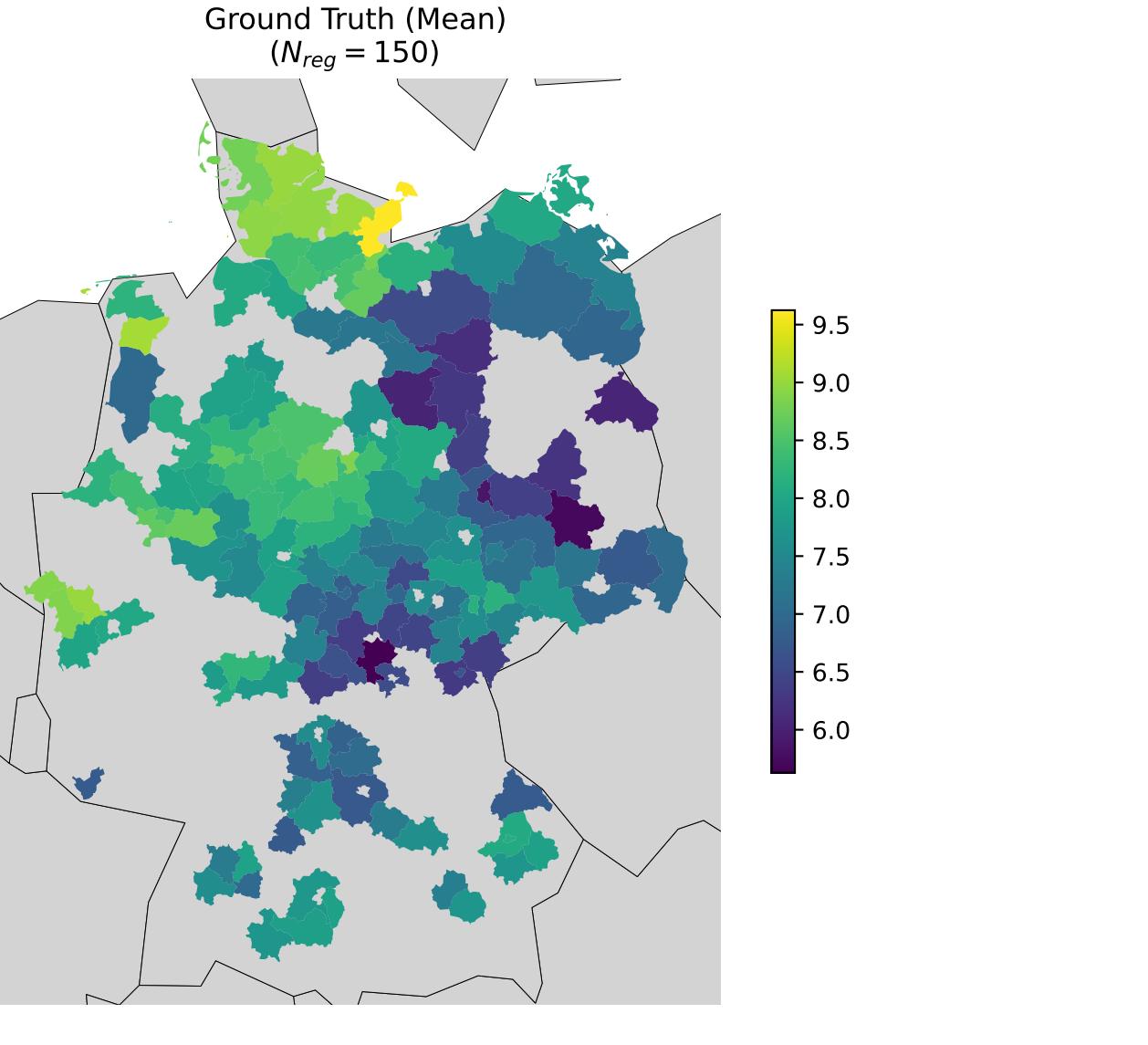


wheat\_CN (Model: LocationBiasCorrectedMaxPredictorModel)

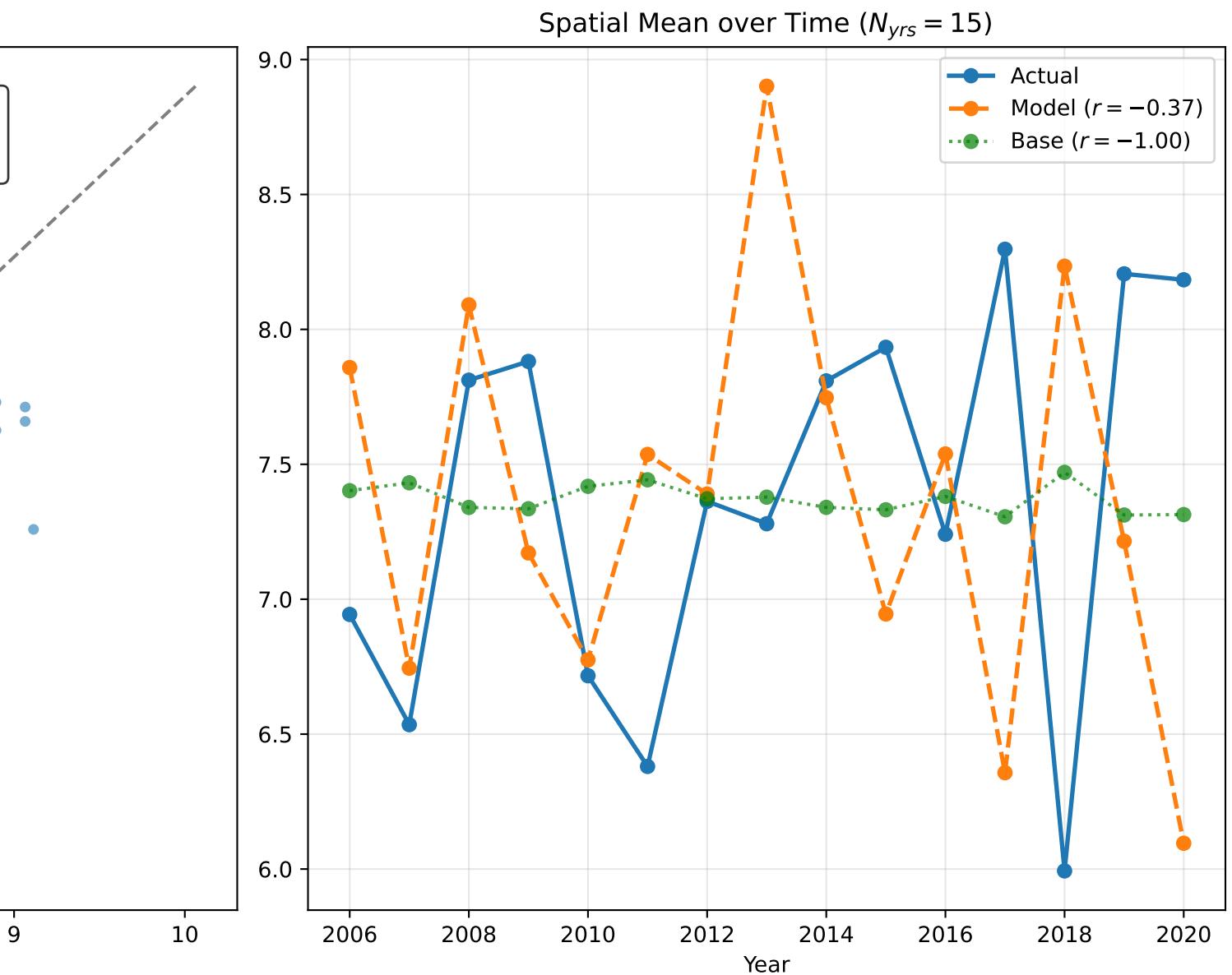
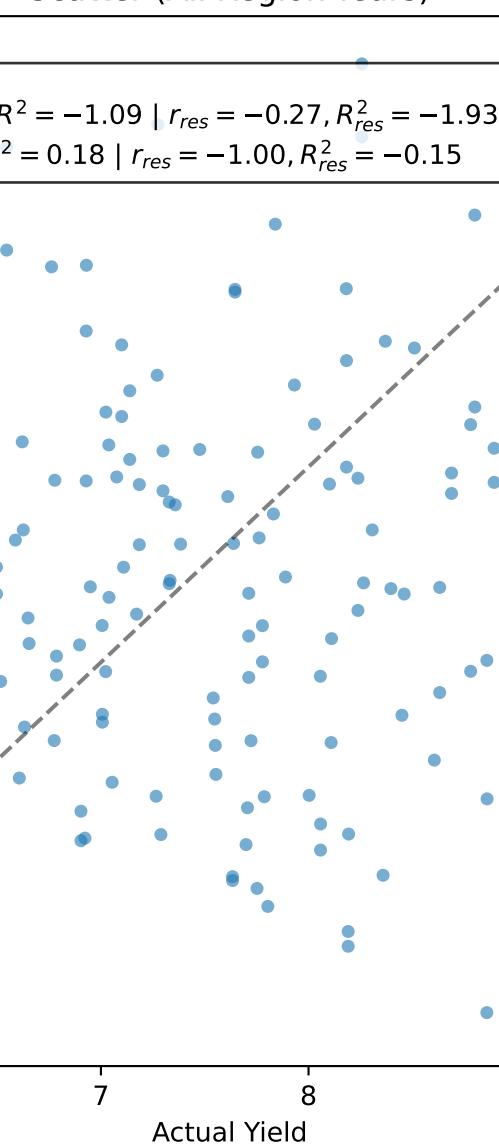
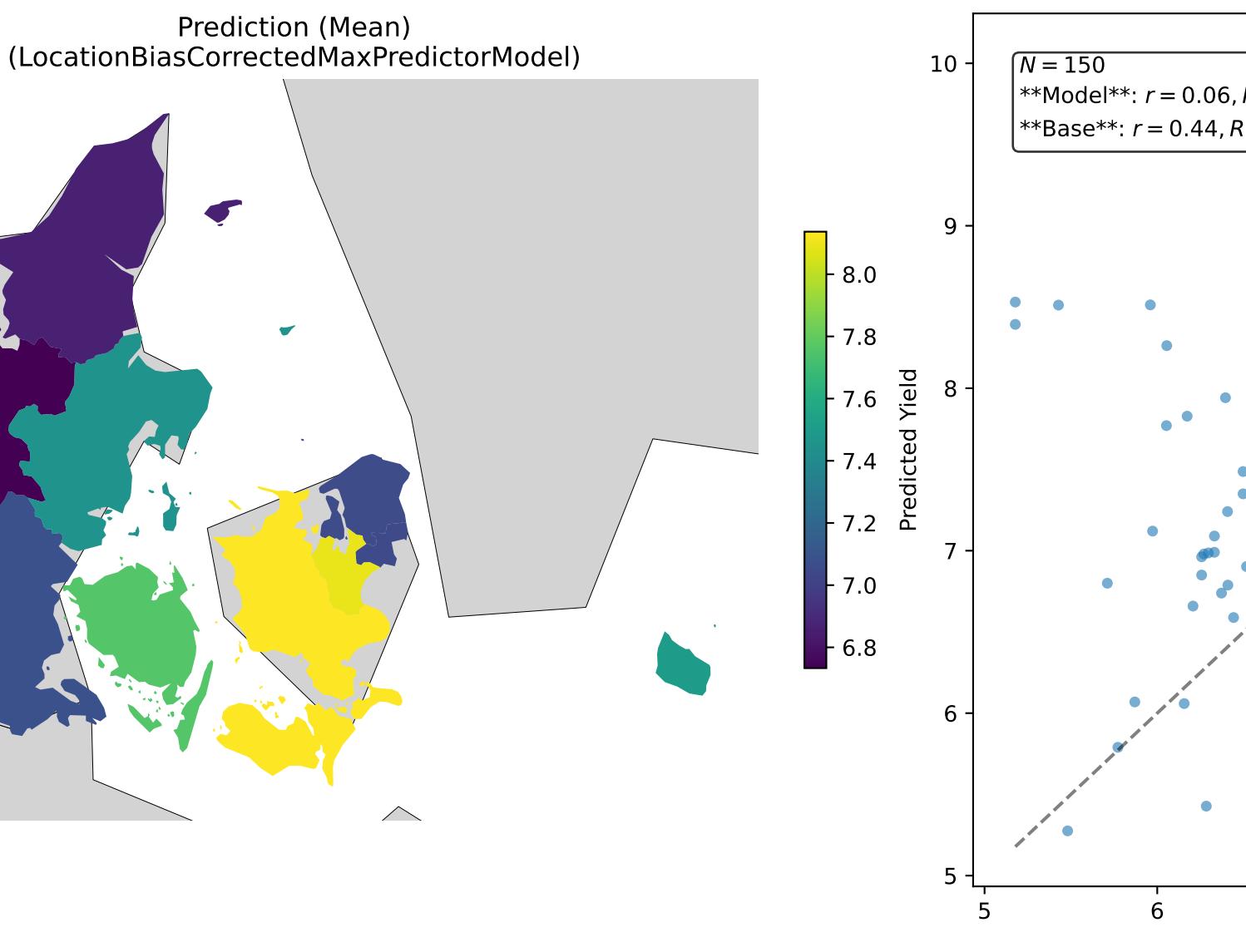
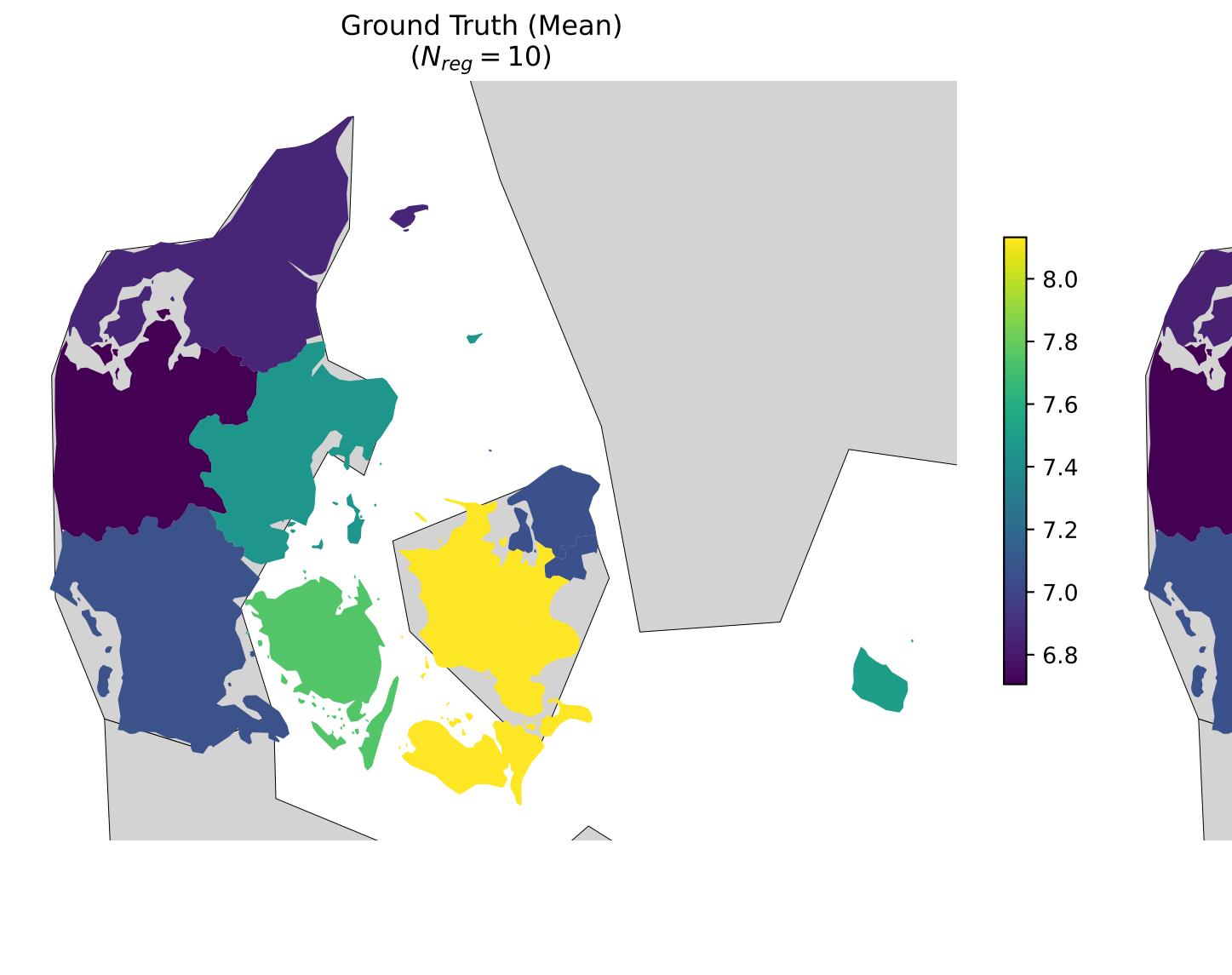


wheat\_CZ (Model: LocationBiasCorrectedMaxPredictorModel)

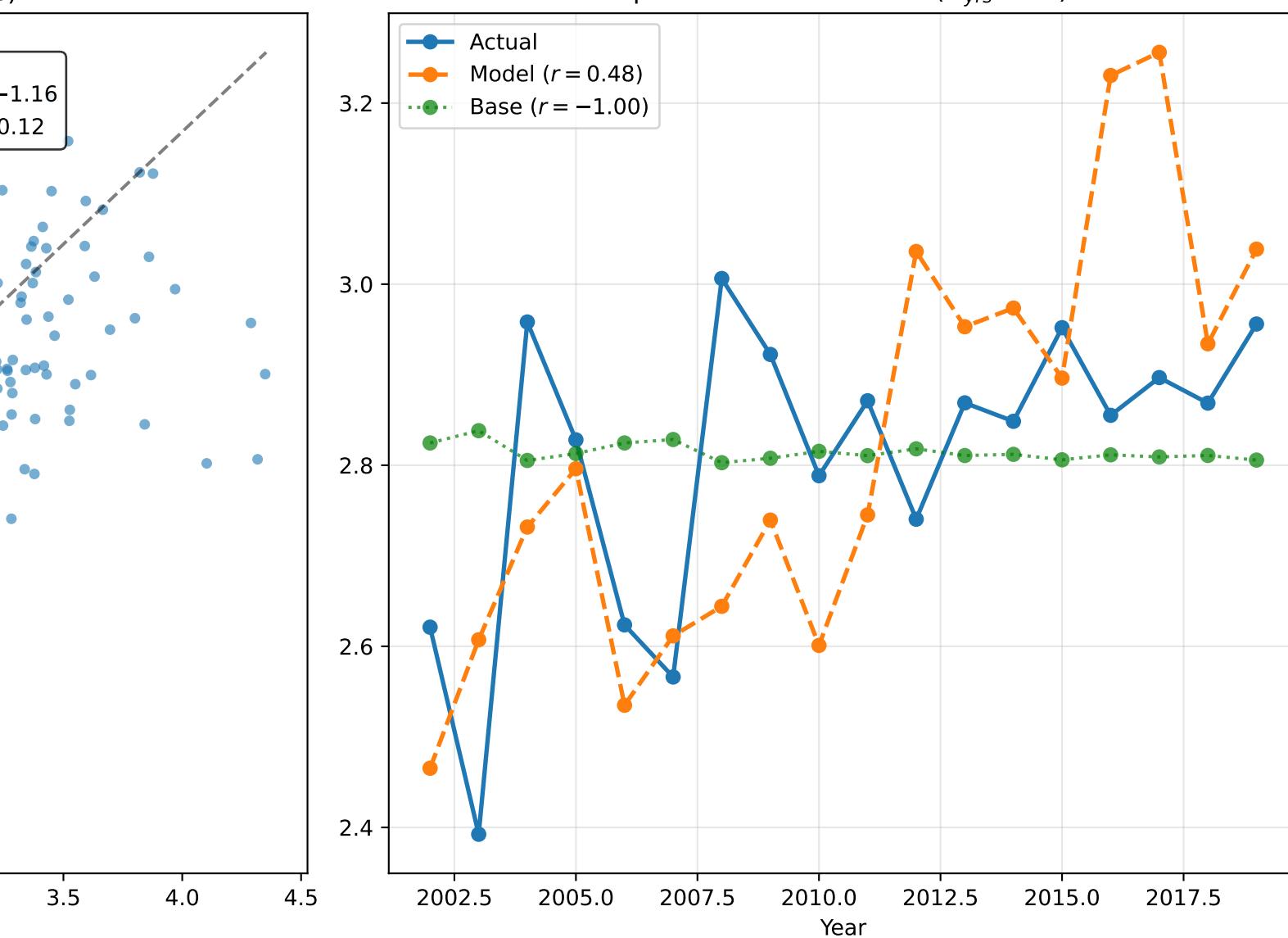
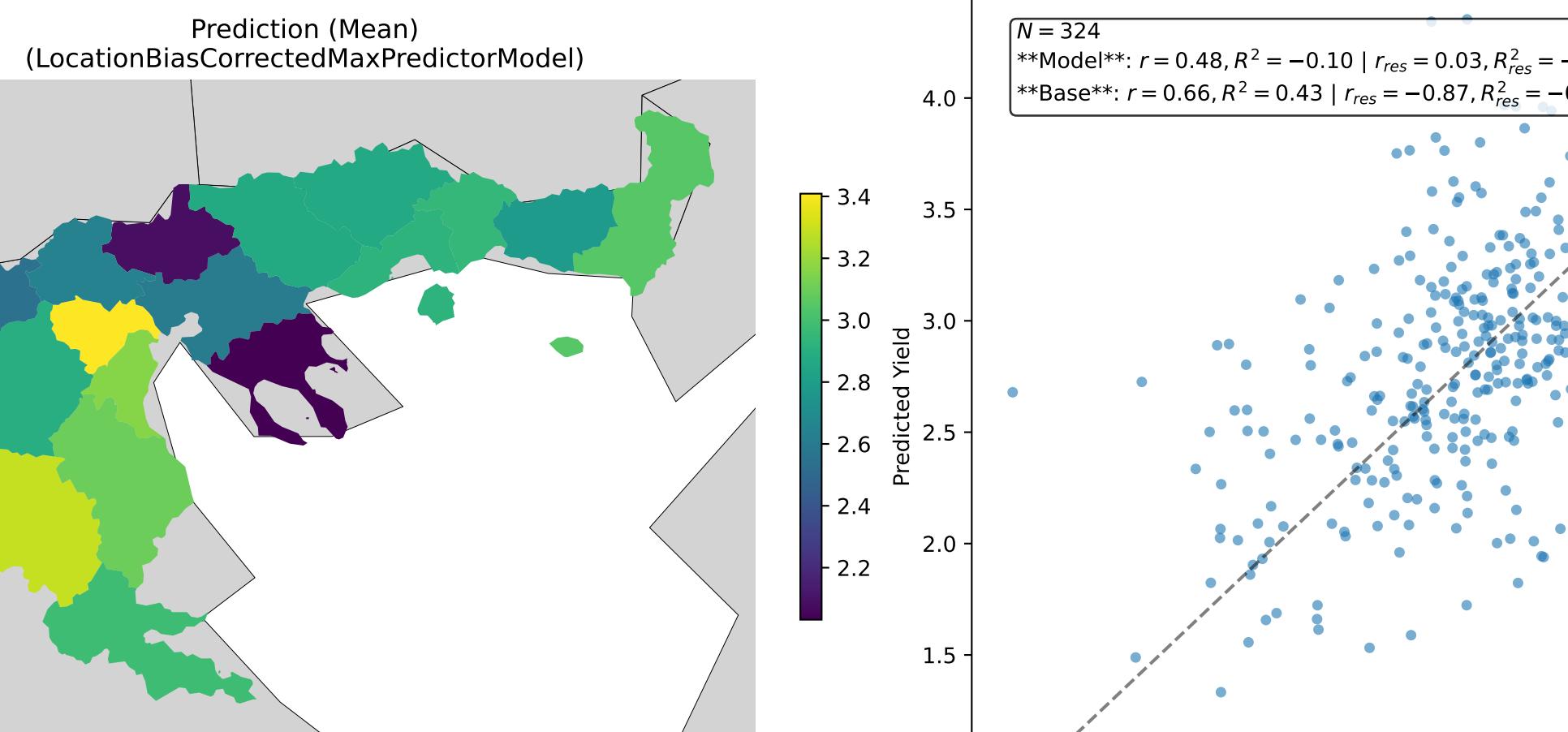
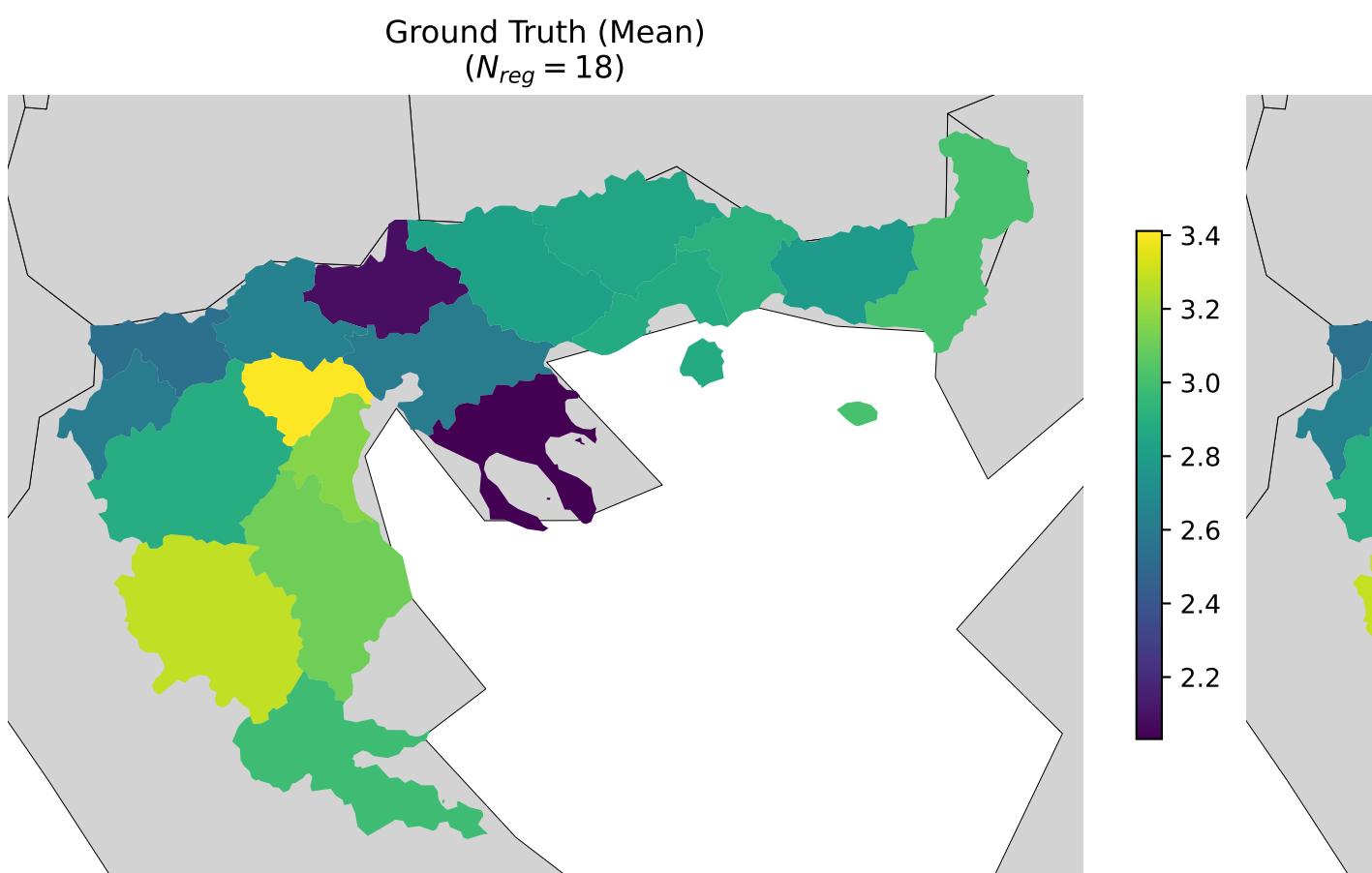




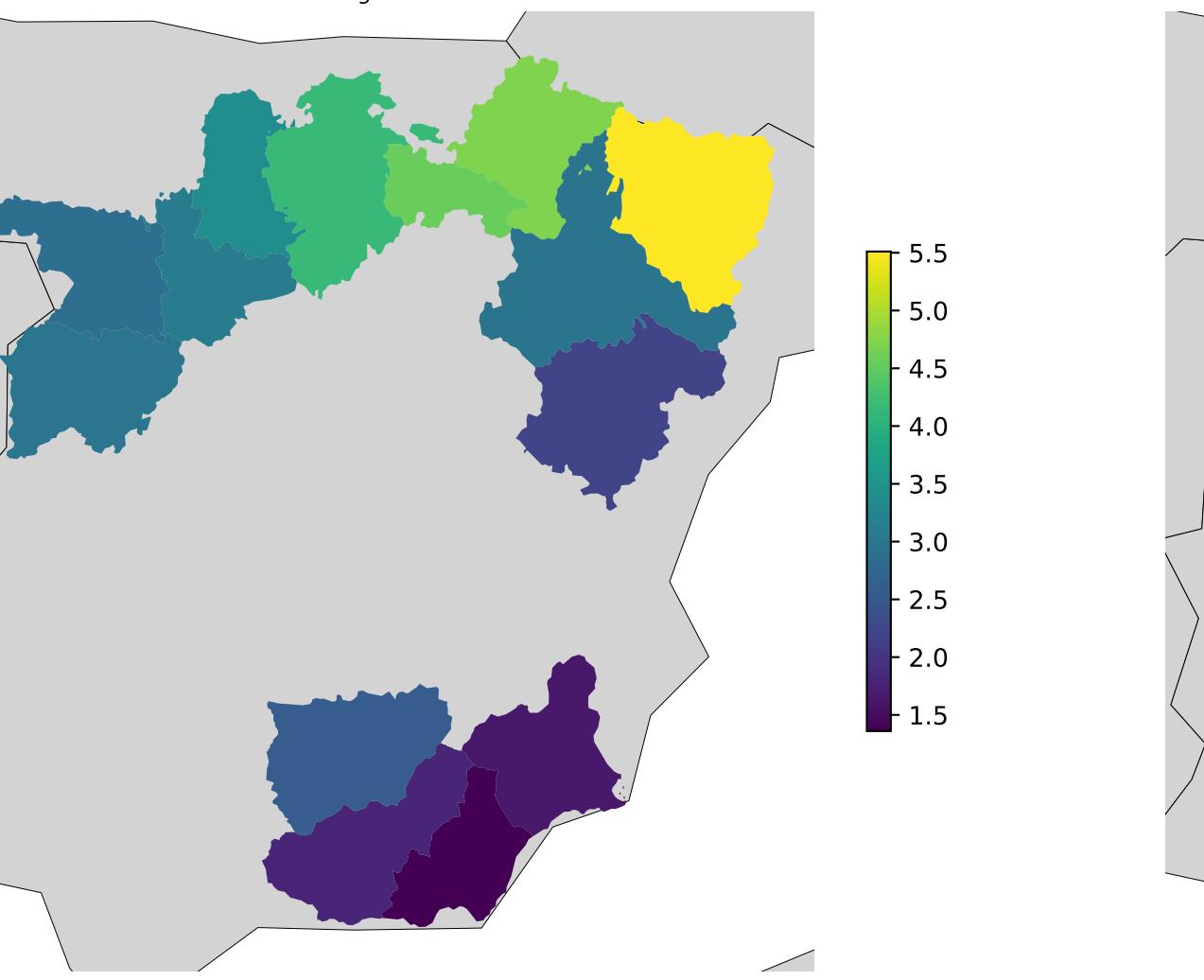
wheat\_DK (Model: LocationBiasCorrectedMaxPredictorModel)



wheat\_EL (Model: LocationBiasCorrectedMaxPredictorModel)

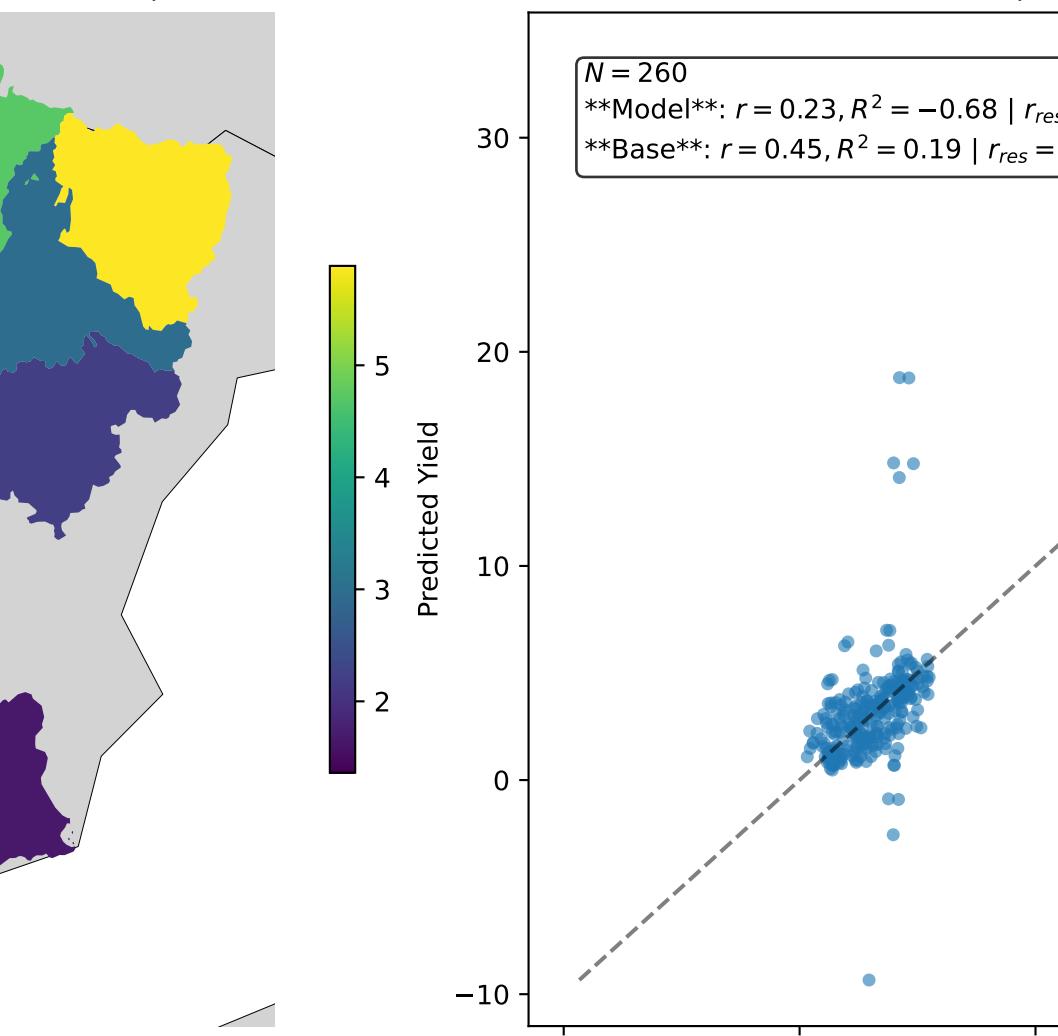


## Ground Truth (Mean) ( $N_{req} = 14$ )

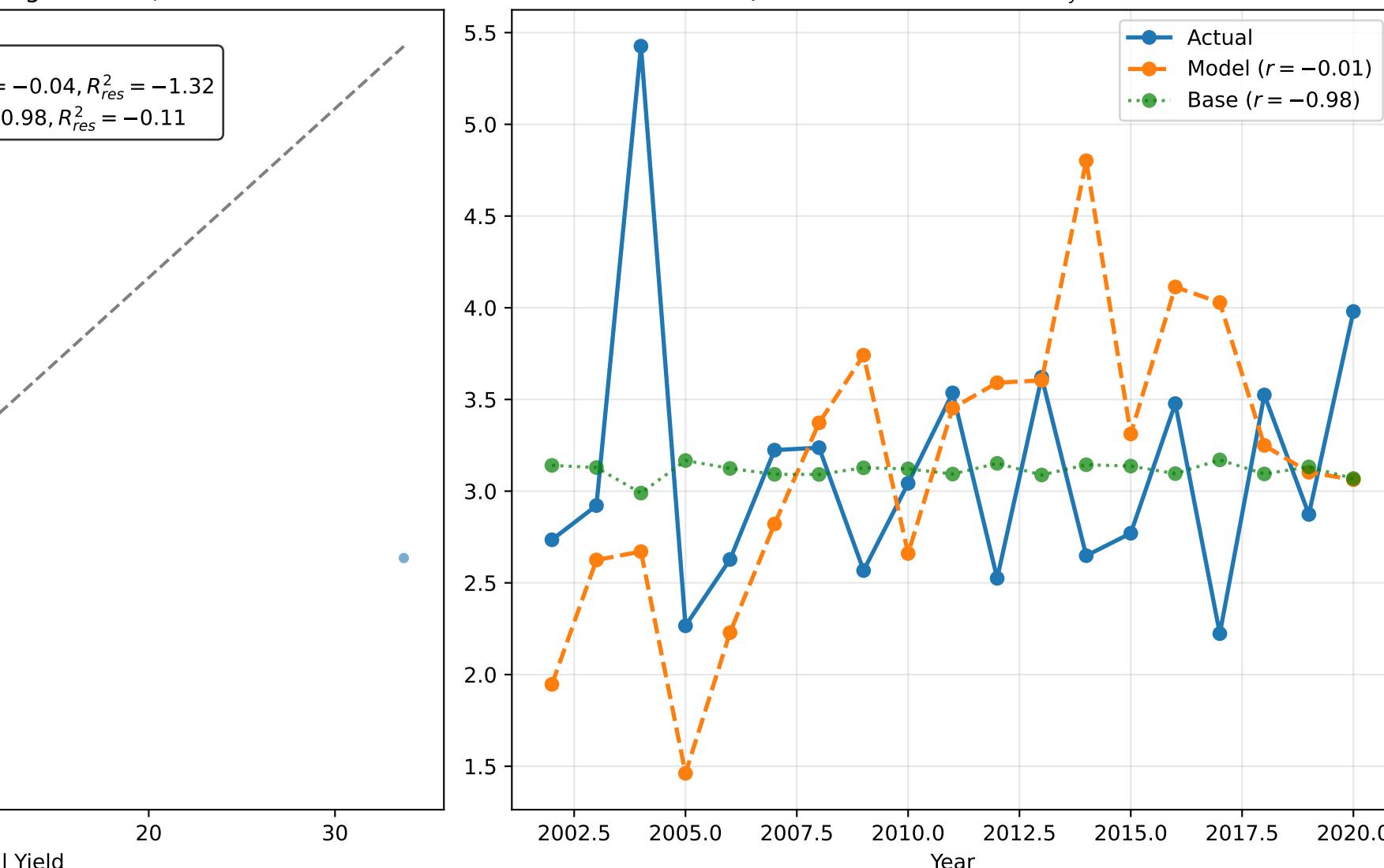


ationBiasCorrectedMaxPredictorModel)

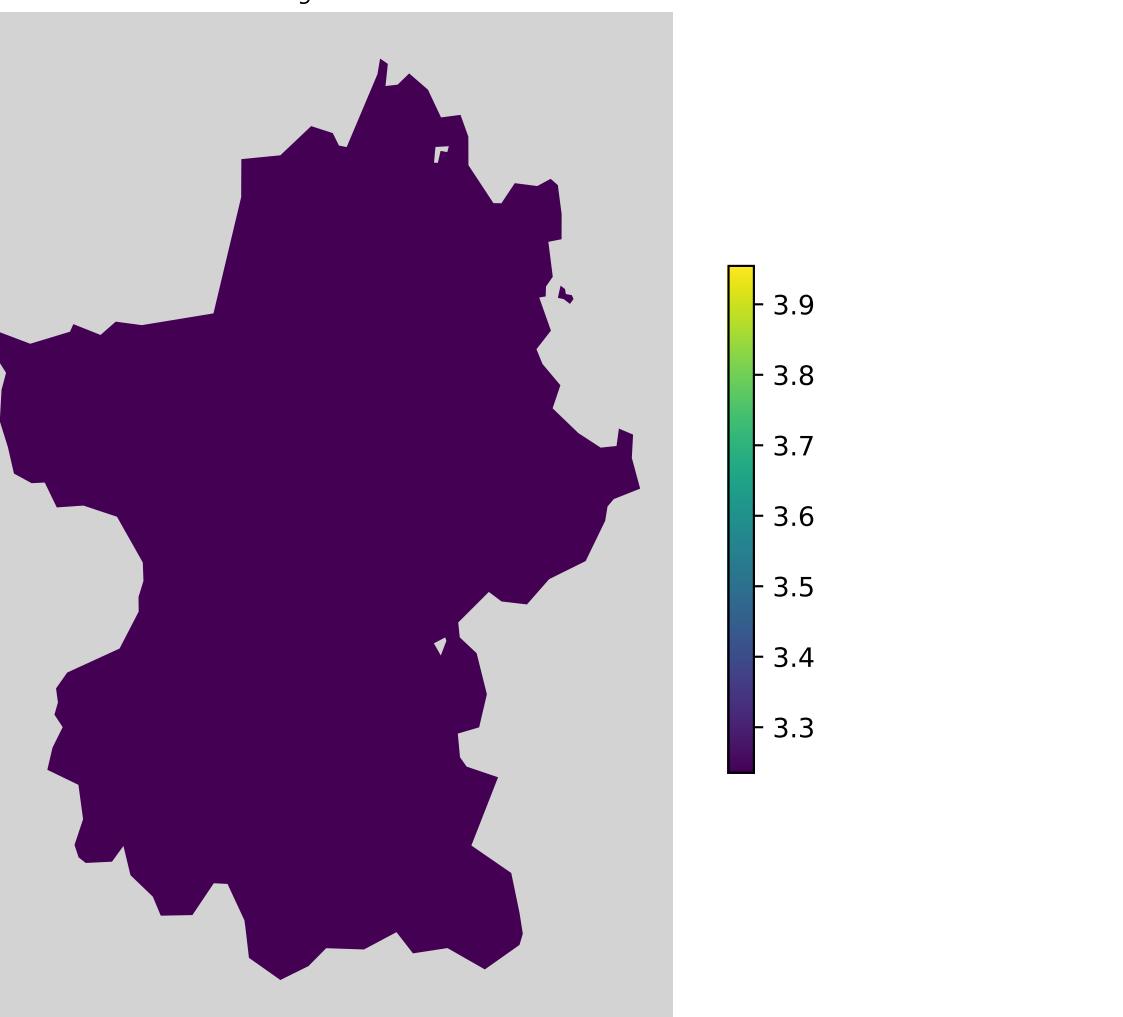
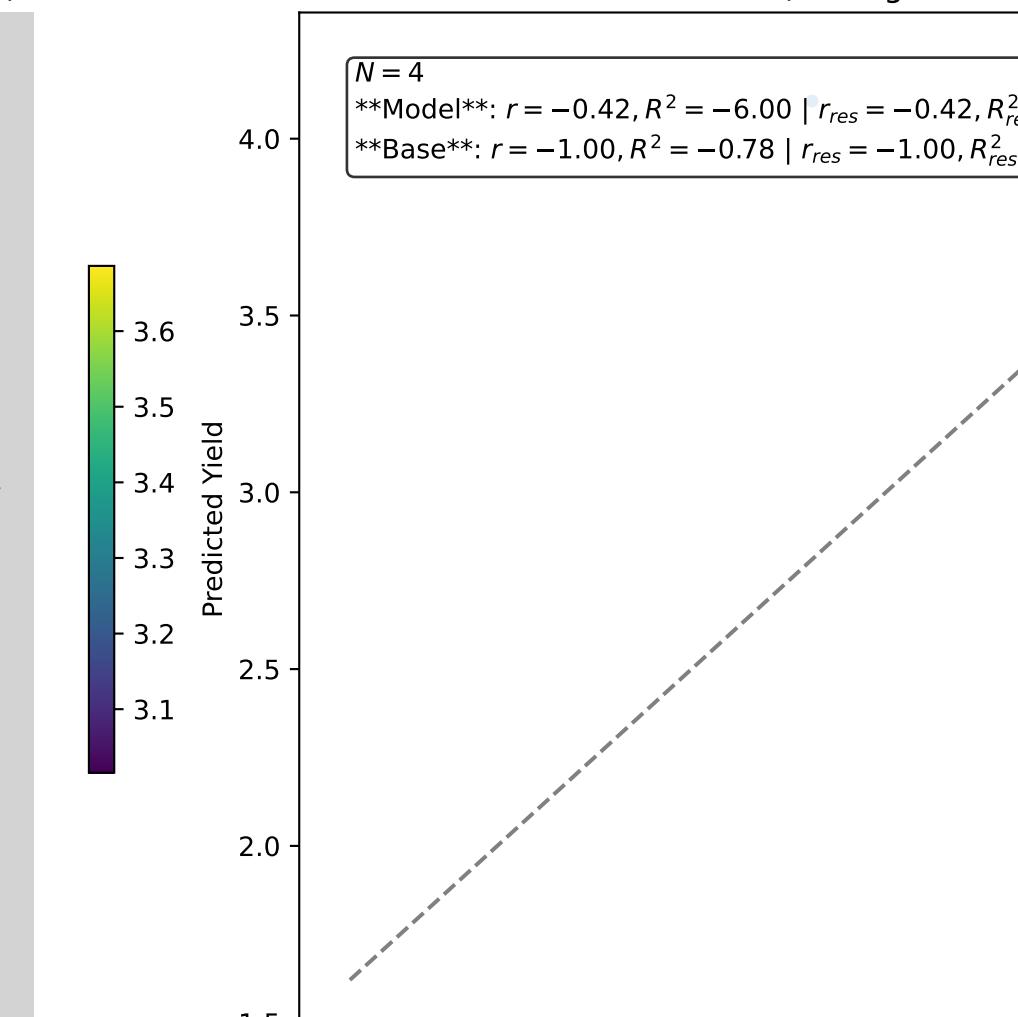
Scatter (All Region-Years)



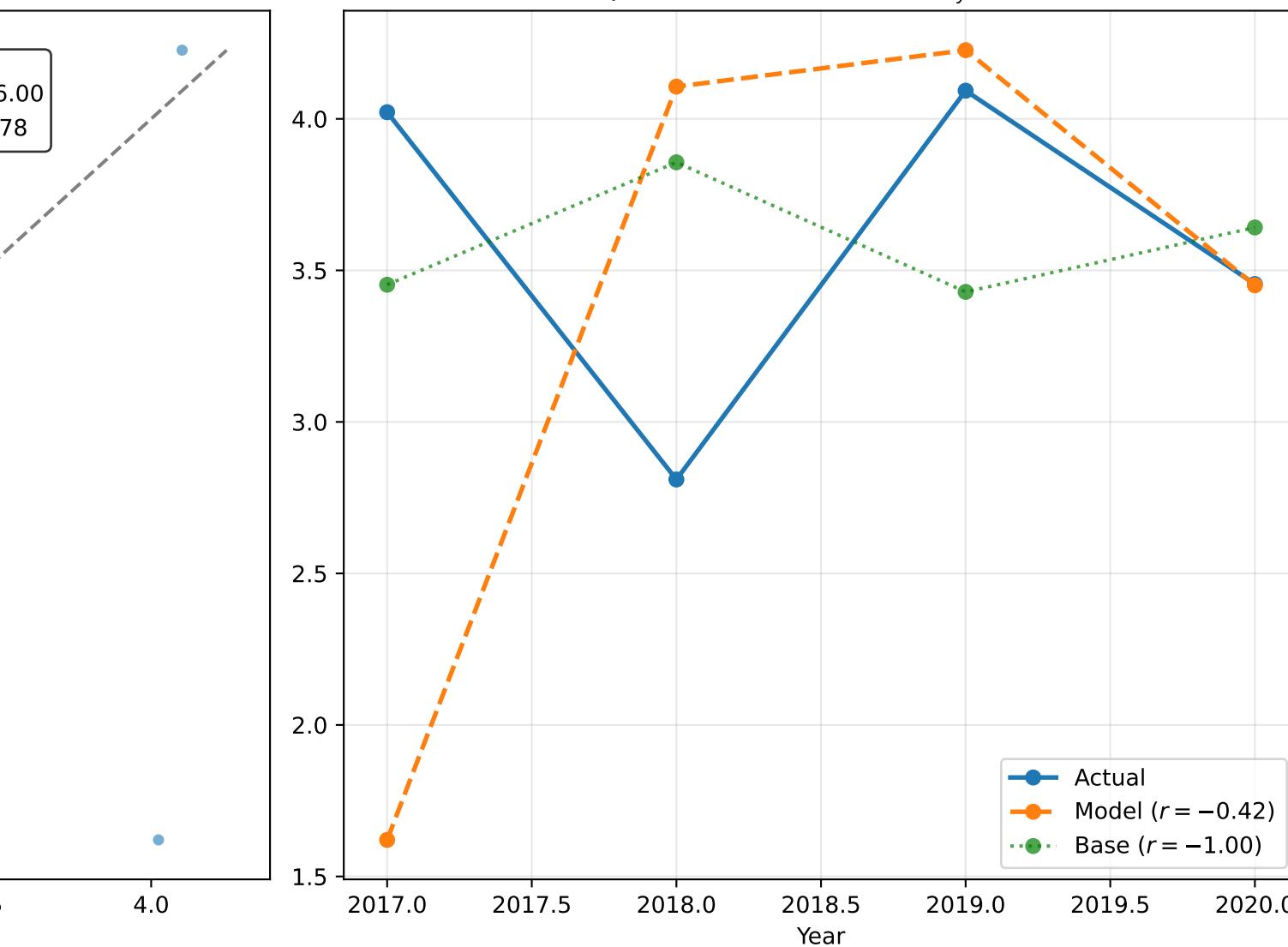
Spatial Mean over Time ( $N_{\text{V}}$ )

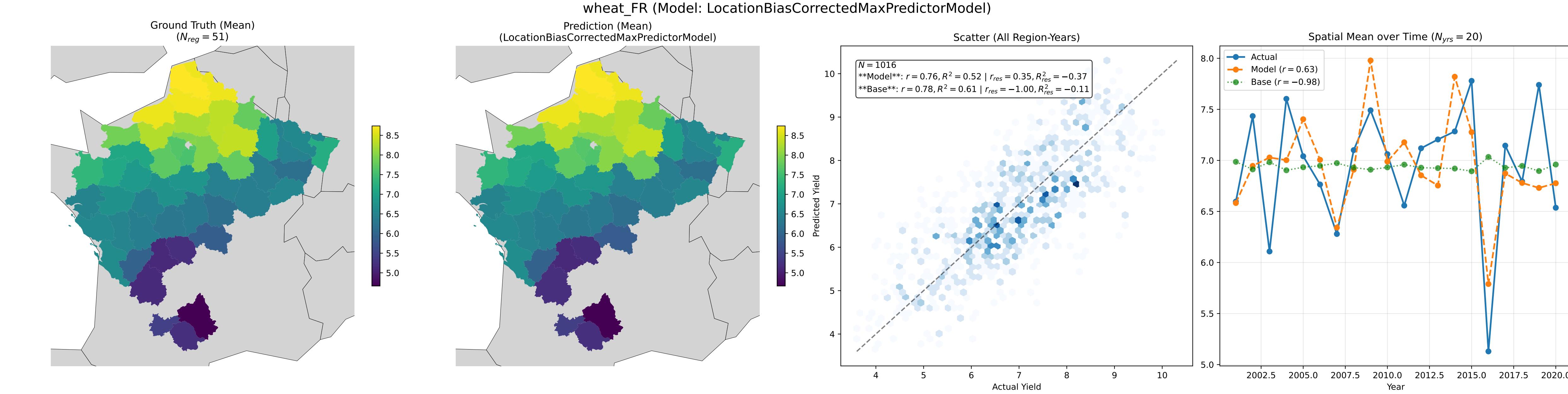


wheat\_FI (Model: LocationBiasCorrectedMaxPredictorModel)

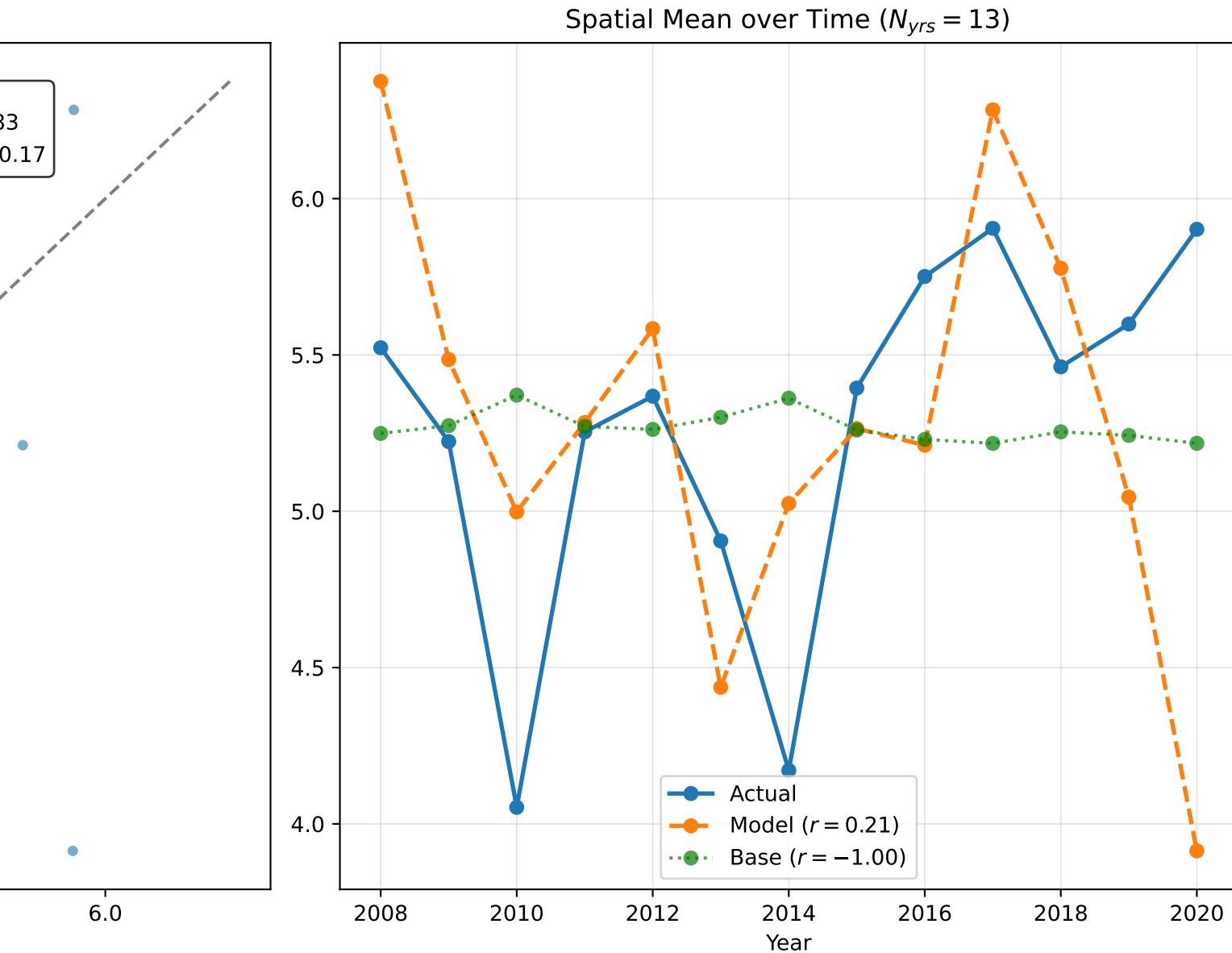
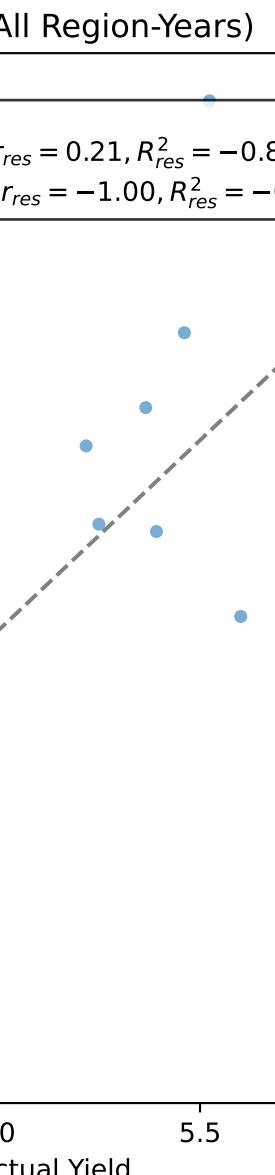
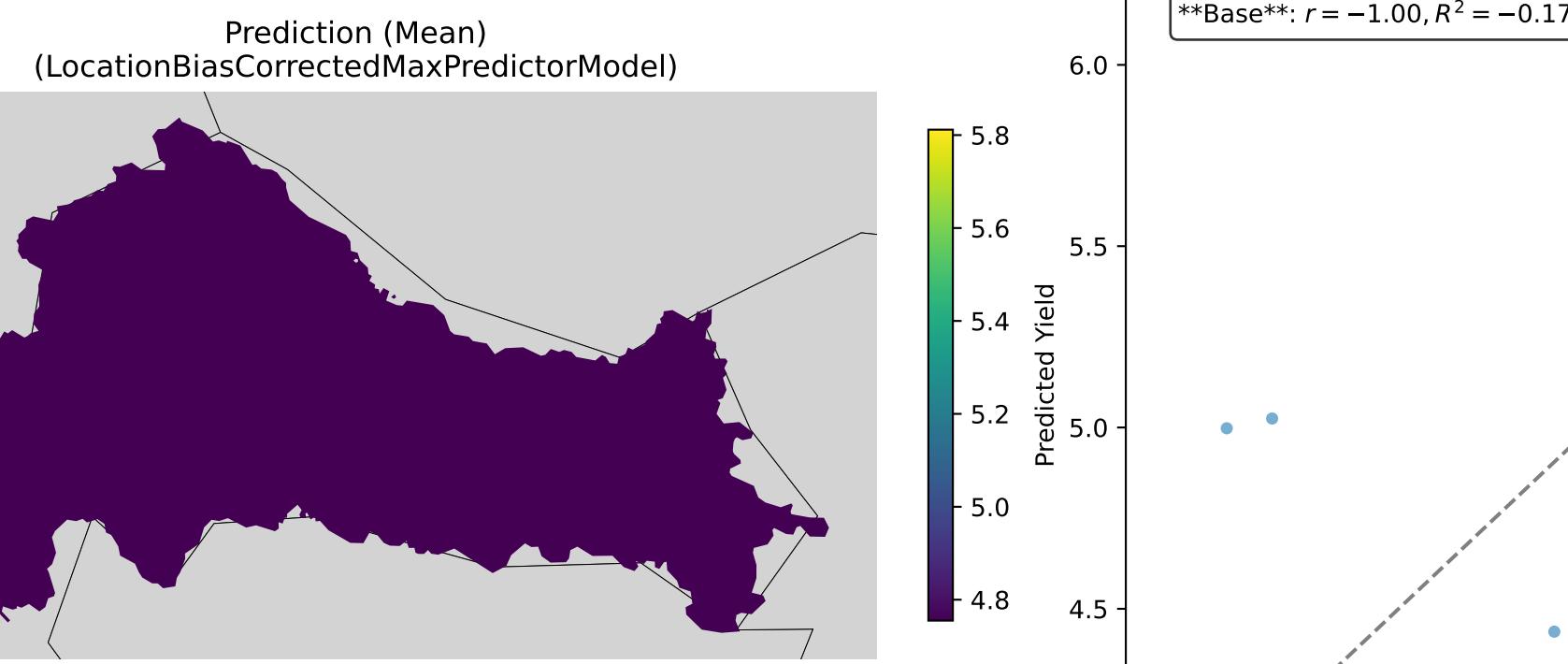
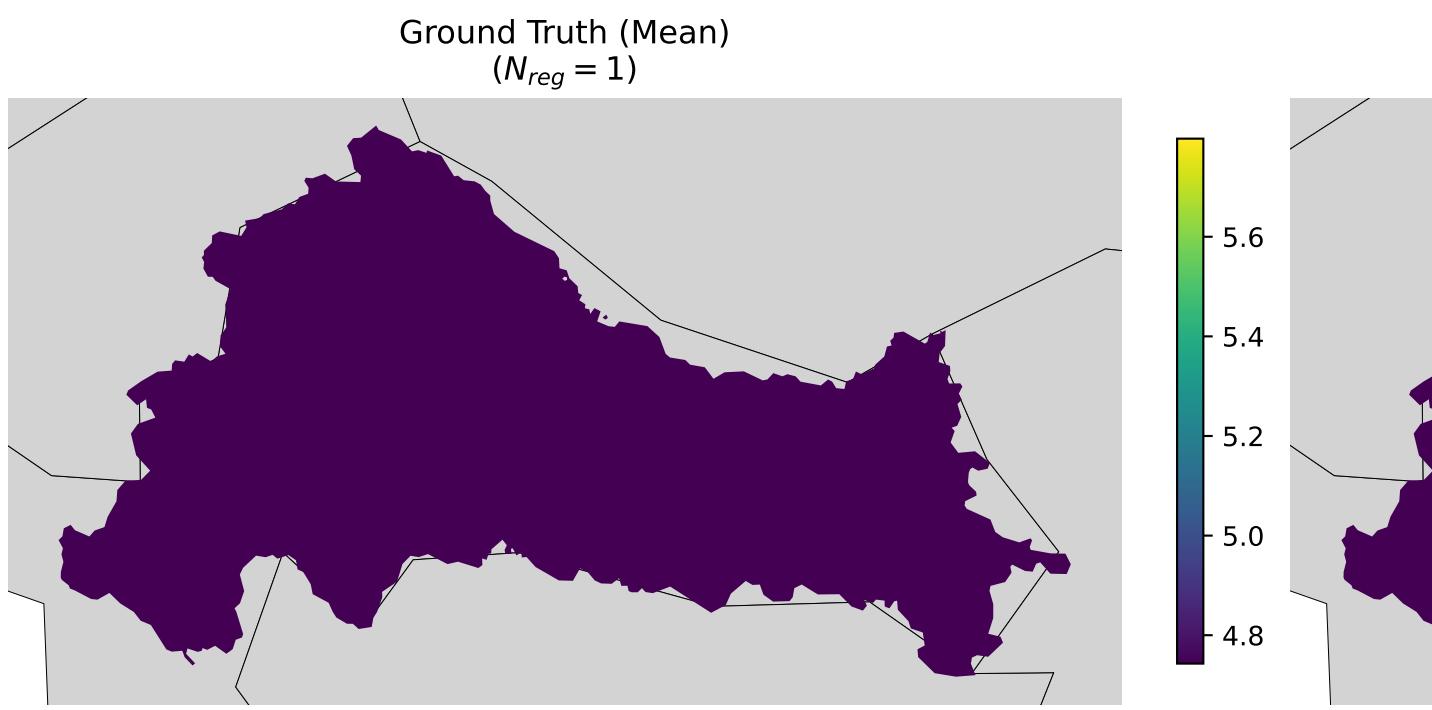
Ground Truth (Mean)  
( $N_{reg} = 1$ )Prediction (Mean)  
(LocationBiasCorrectedMaxPredictorModel)

Scatter (All Region-Years)

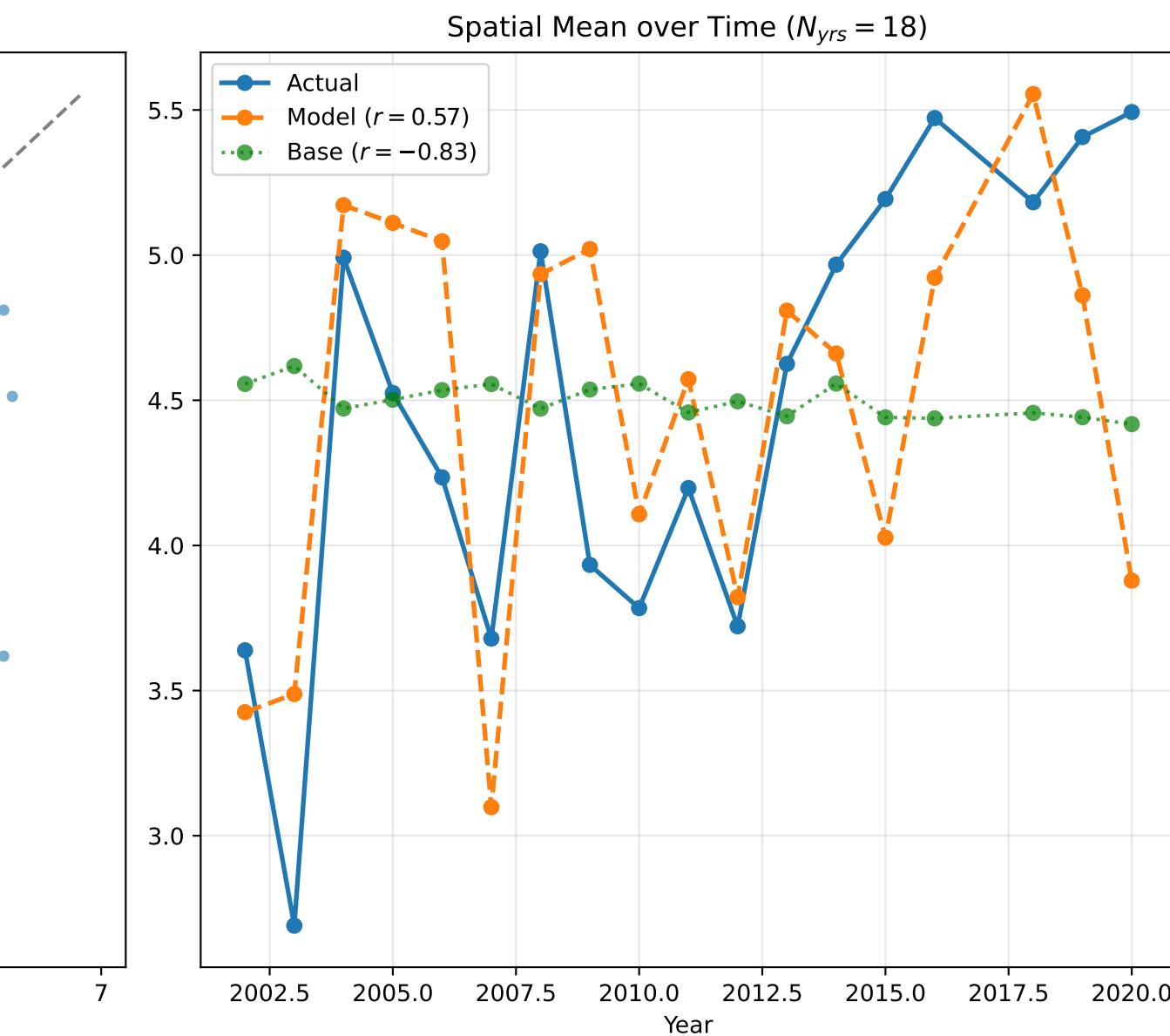
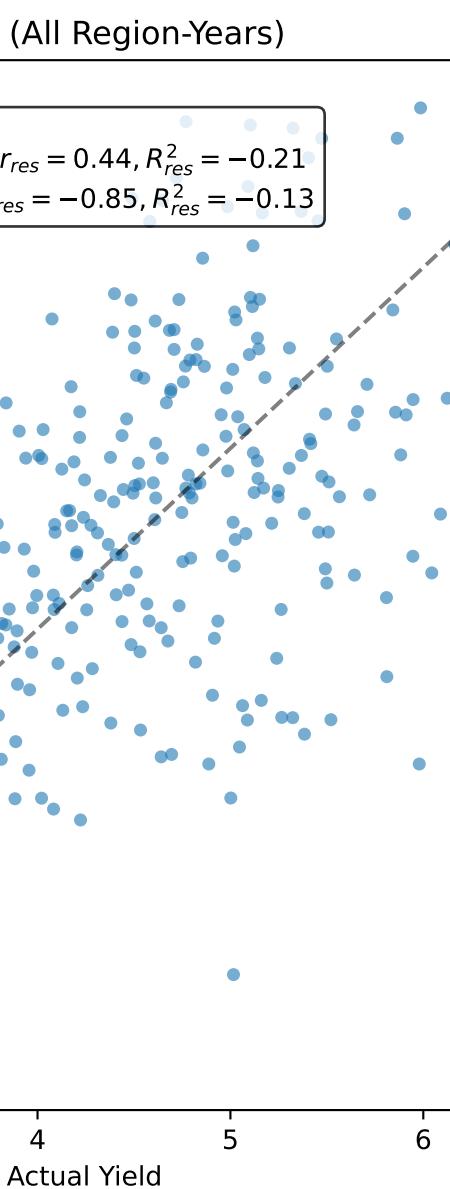
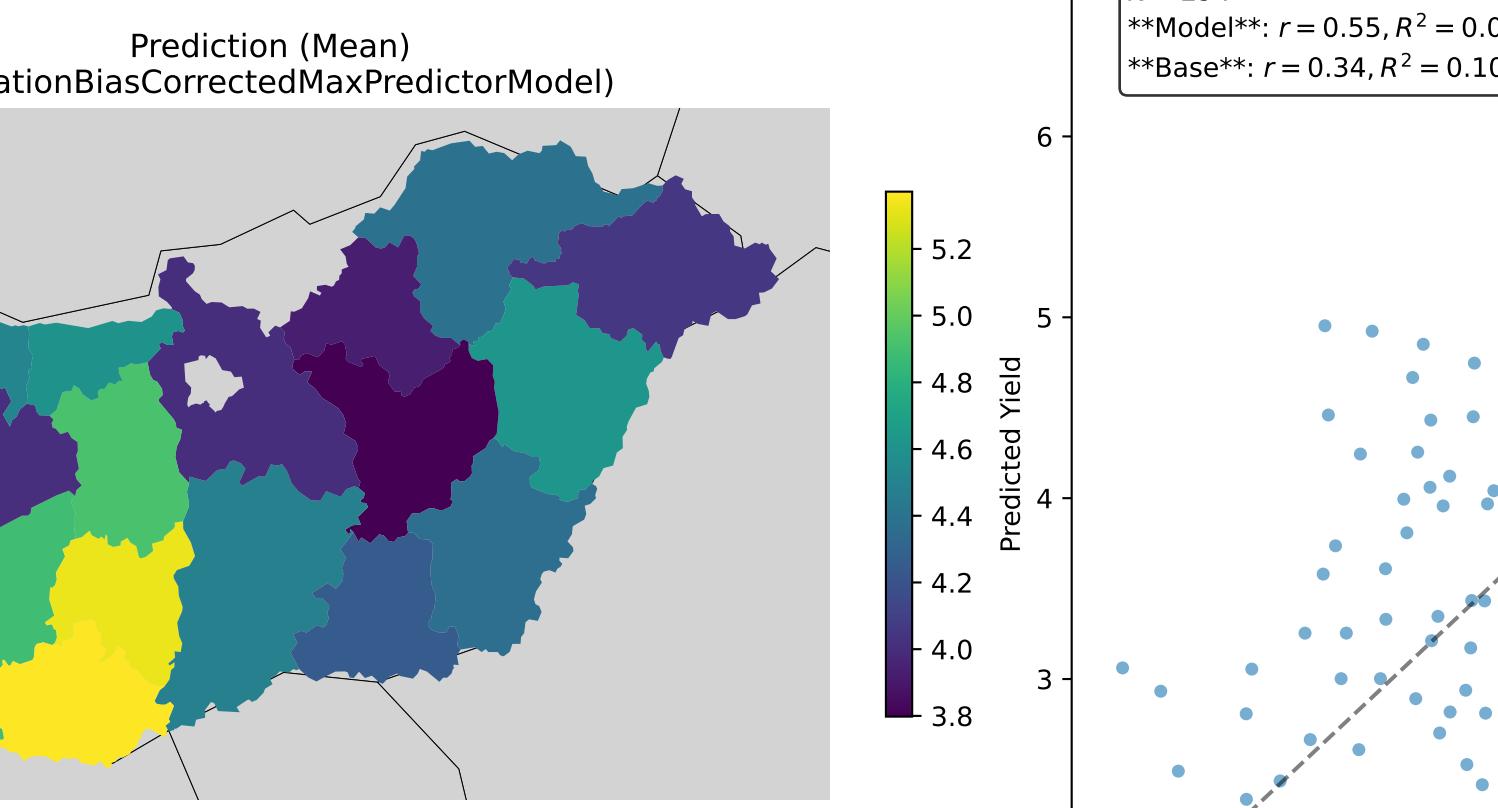
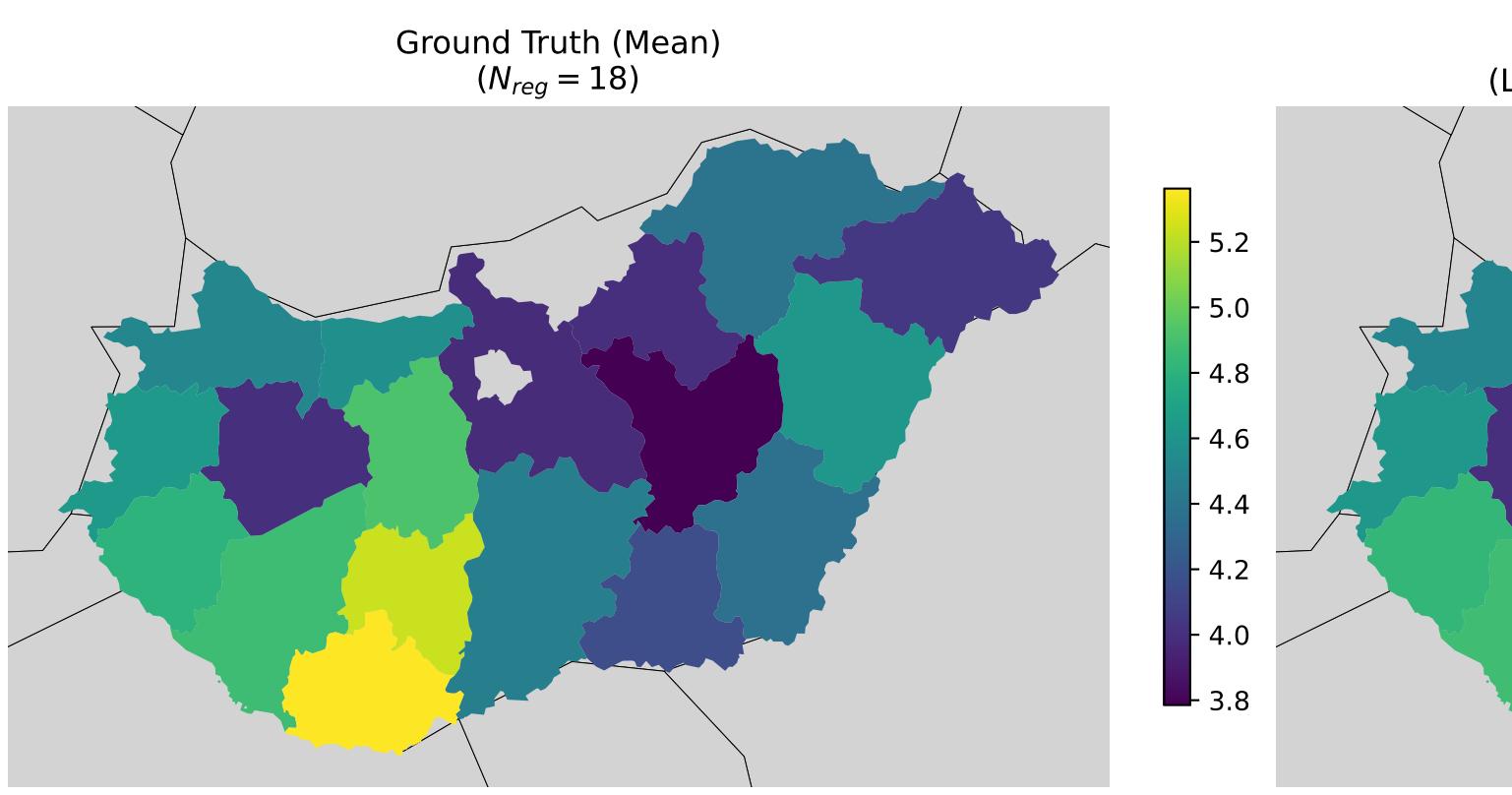
Spatial Mean over Time ( $N_{yrs} = 4$ )

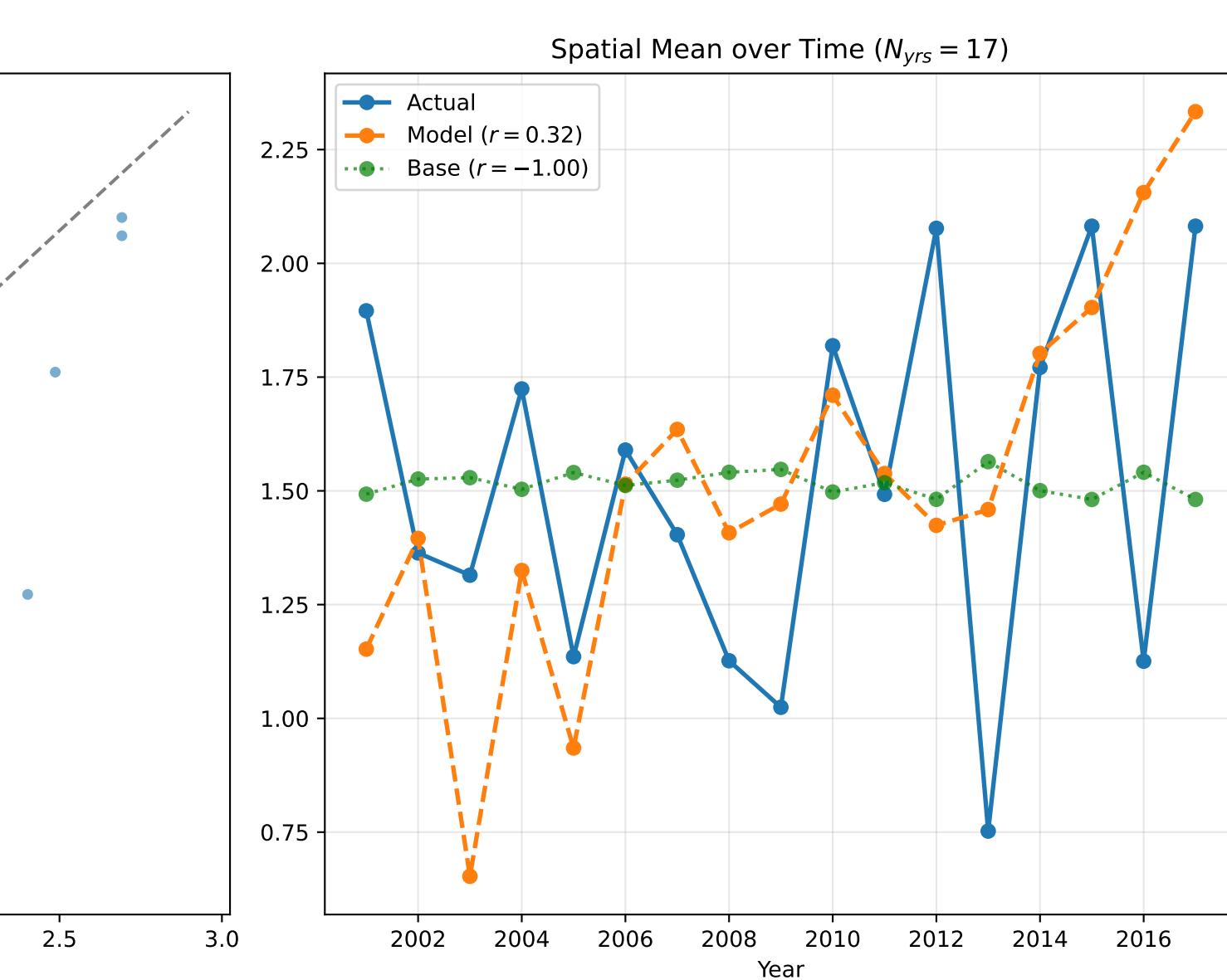
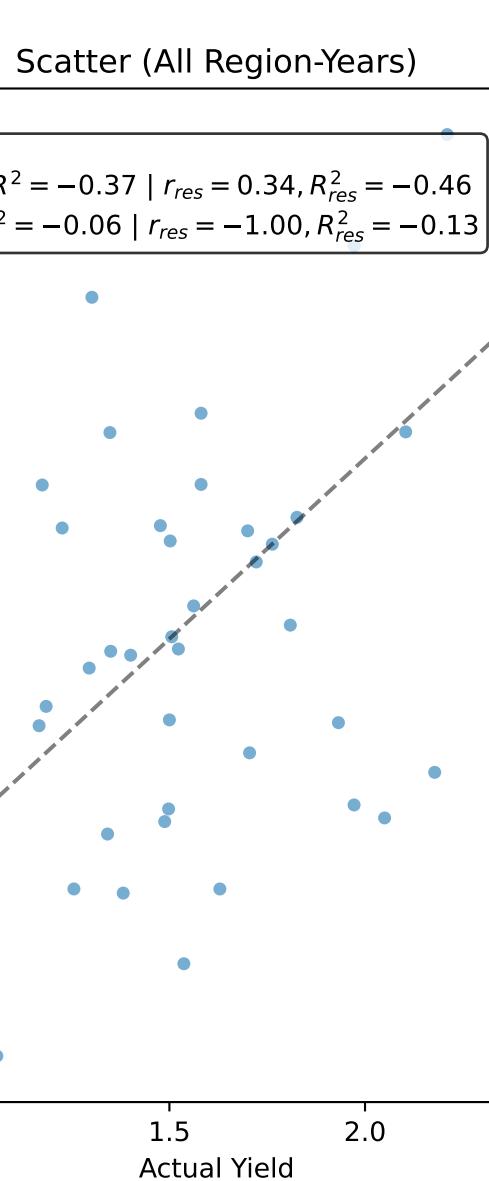
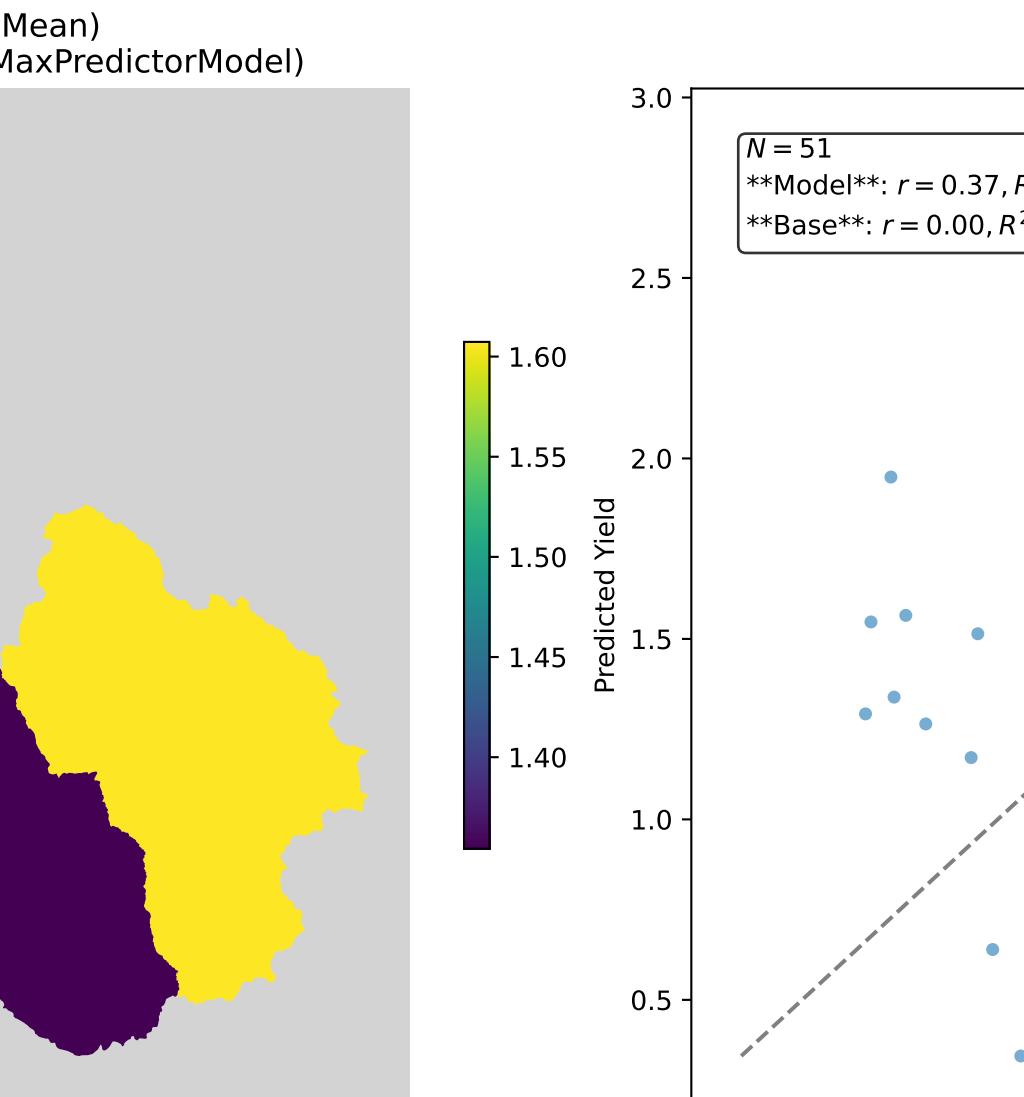
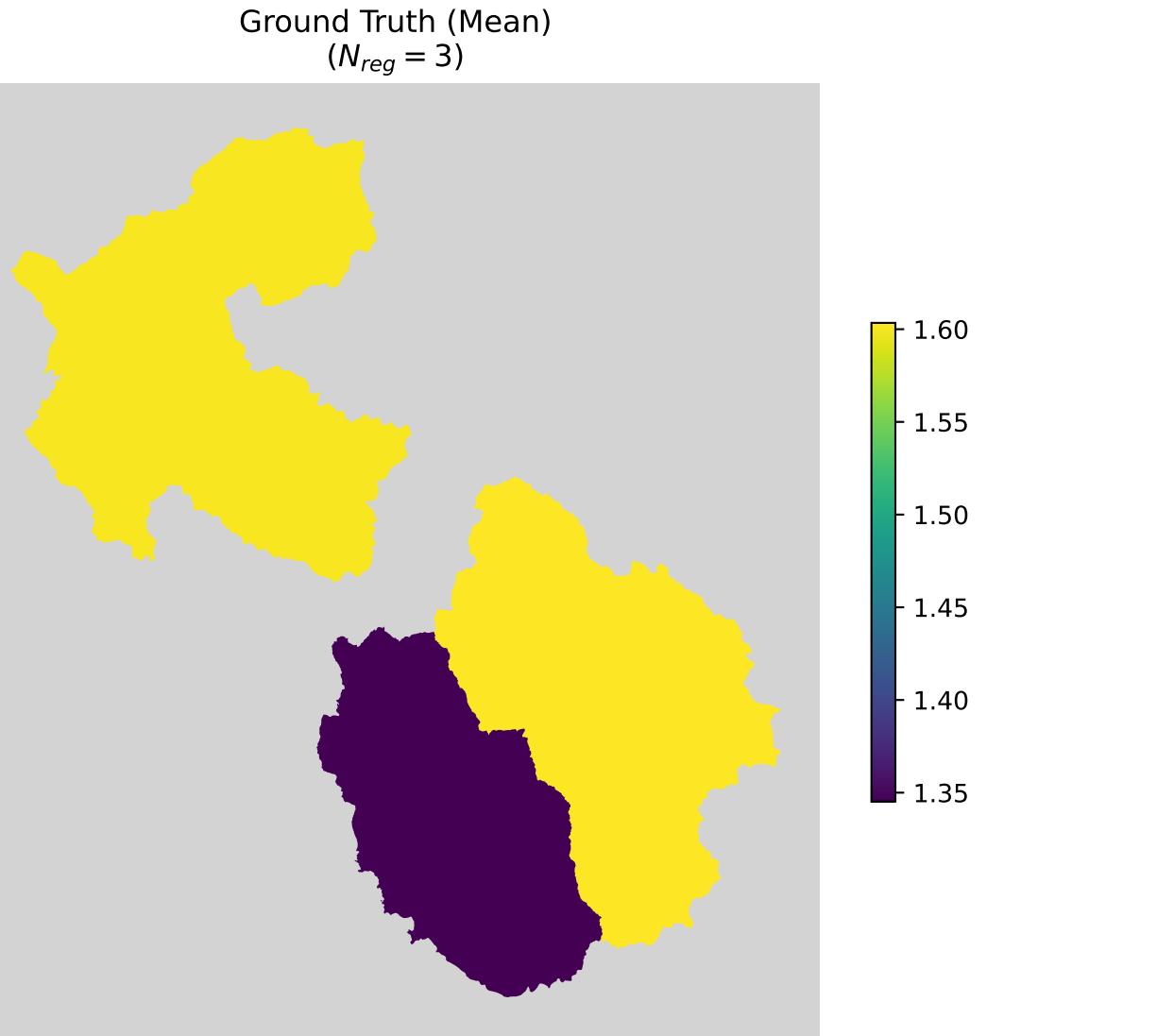


wheat\_HR (Model: LocationBiasCorrectedMaxPredictorModel)

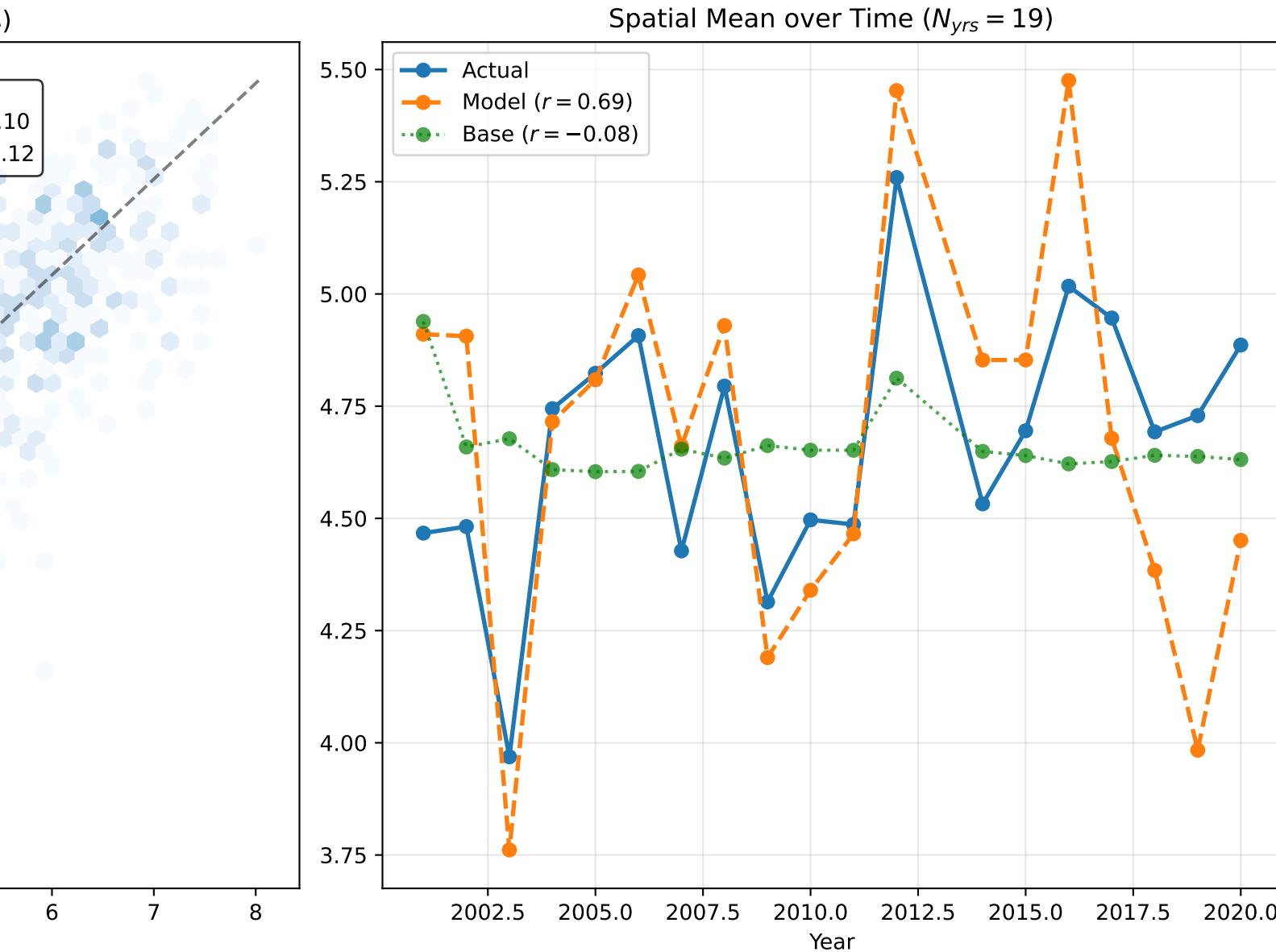
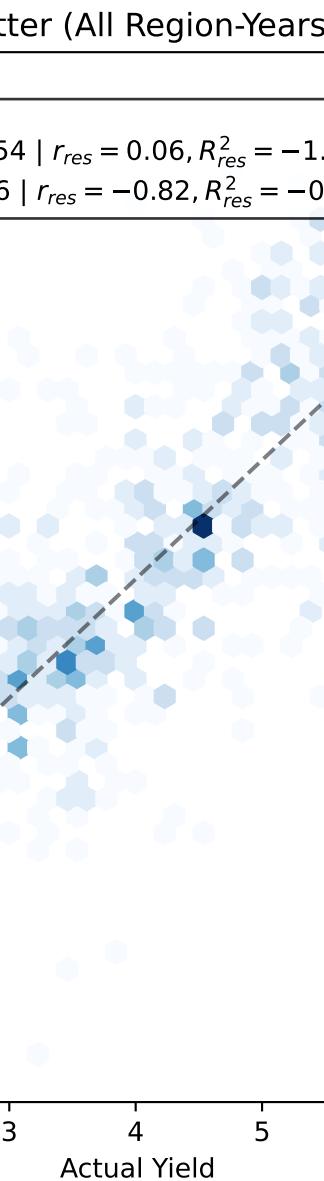
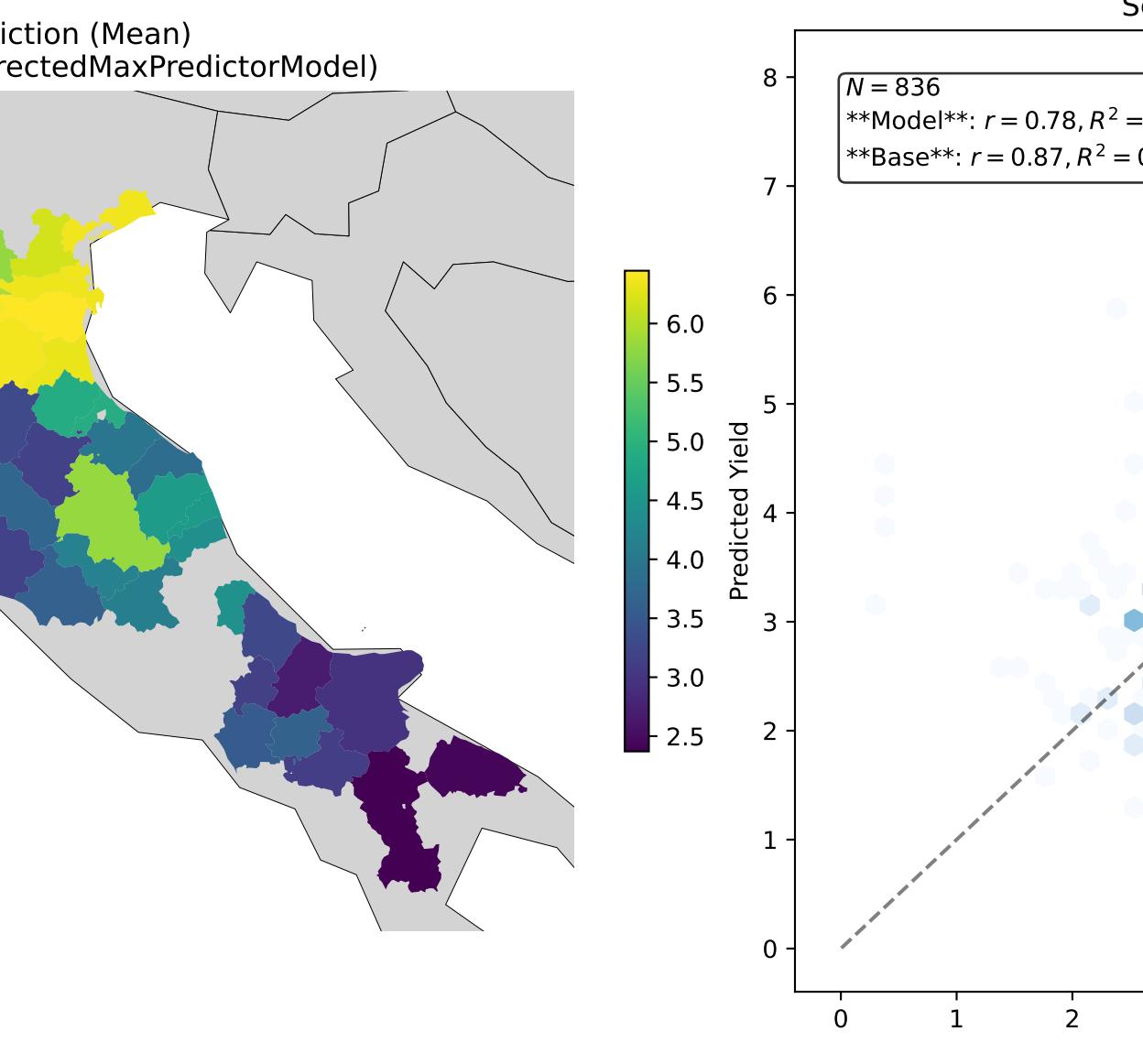
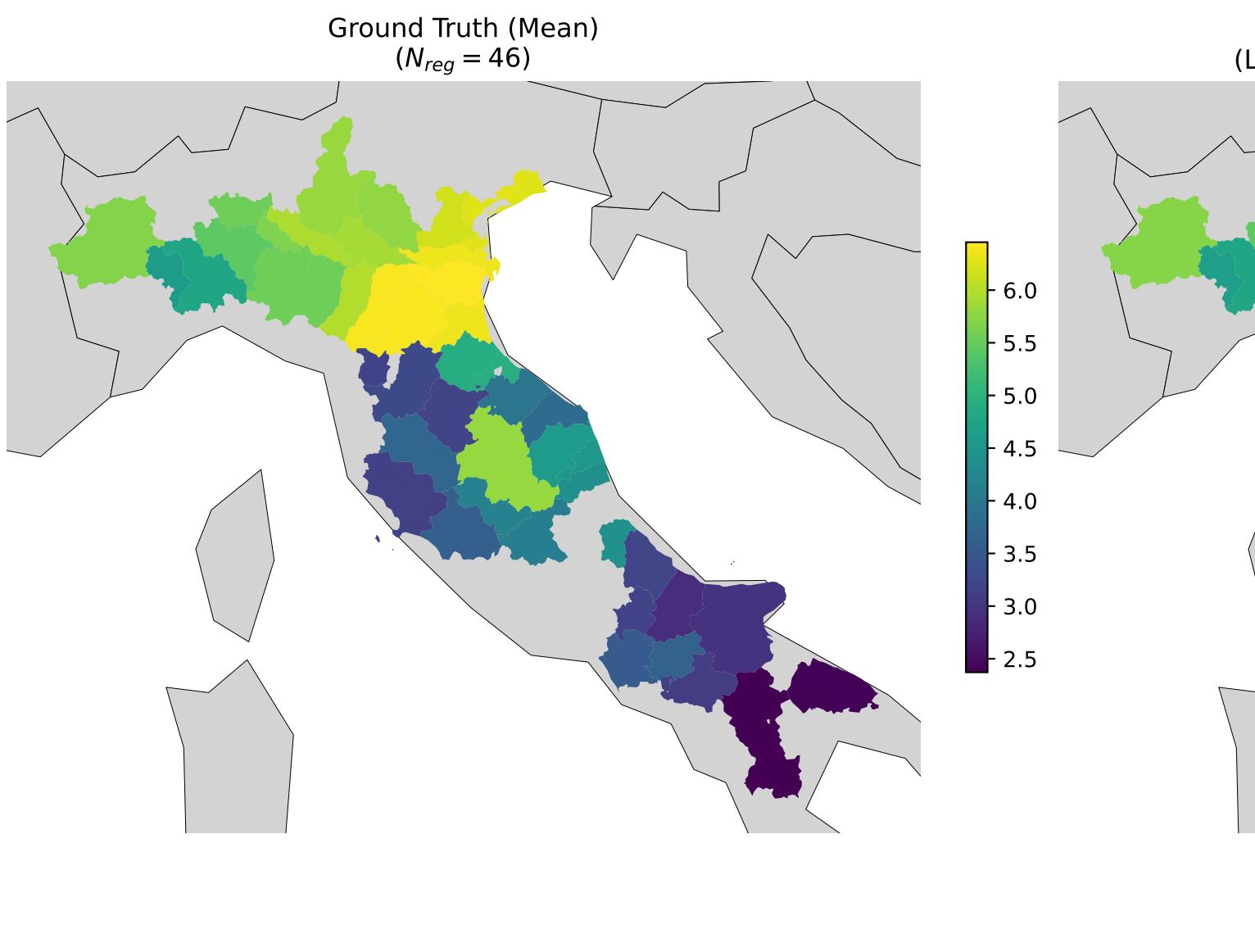


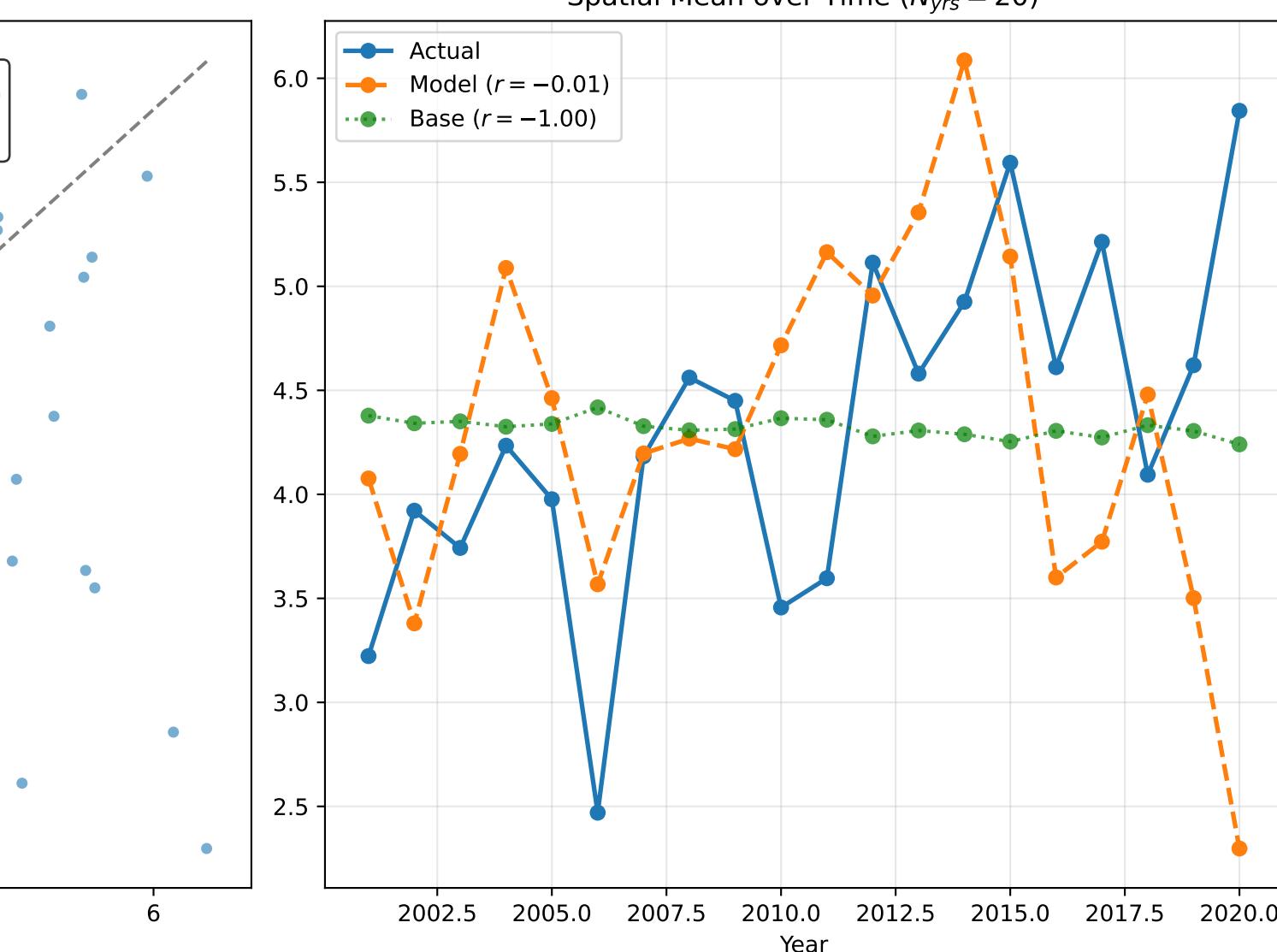
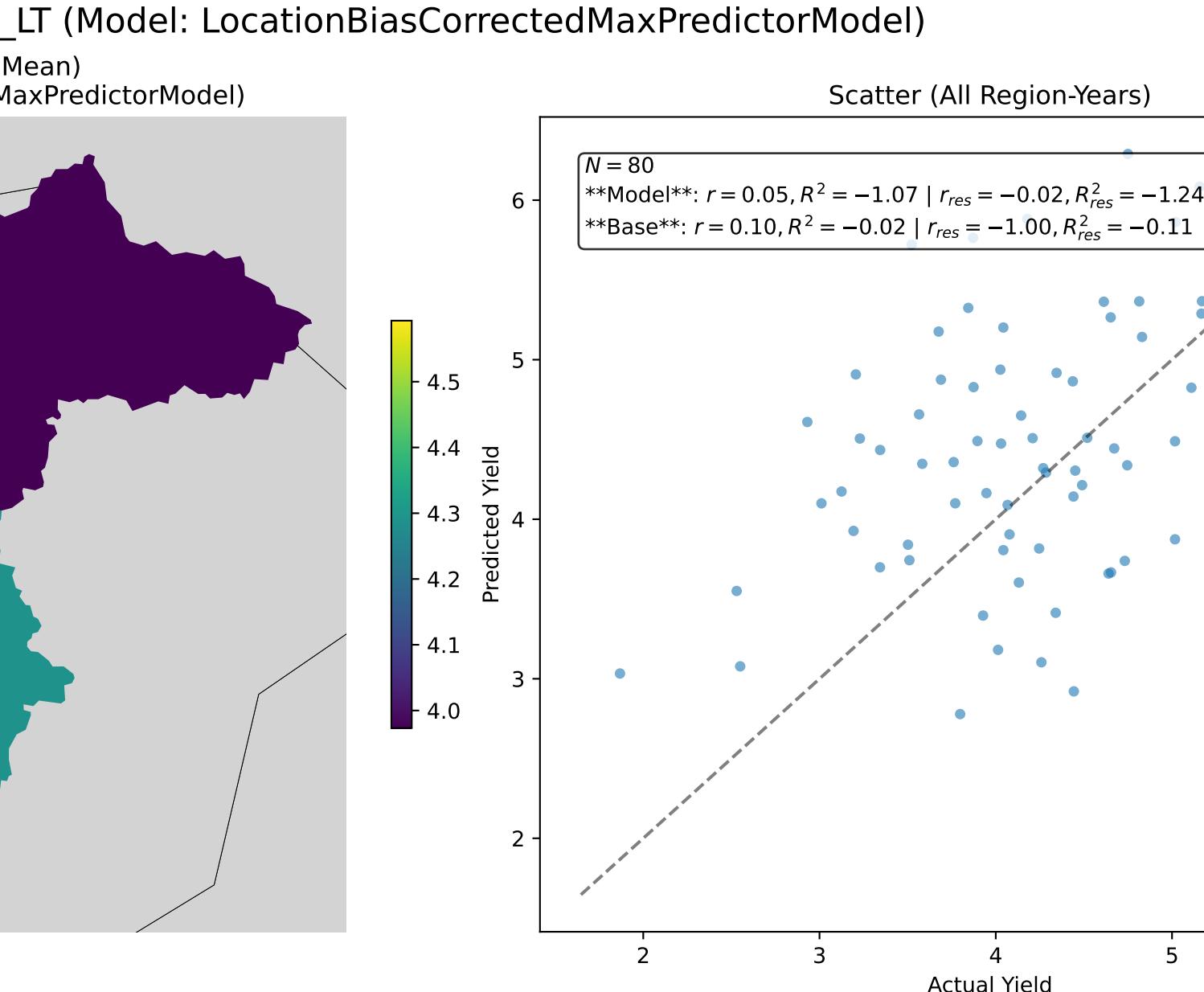
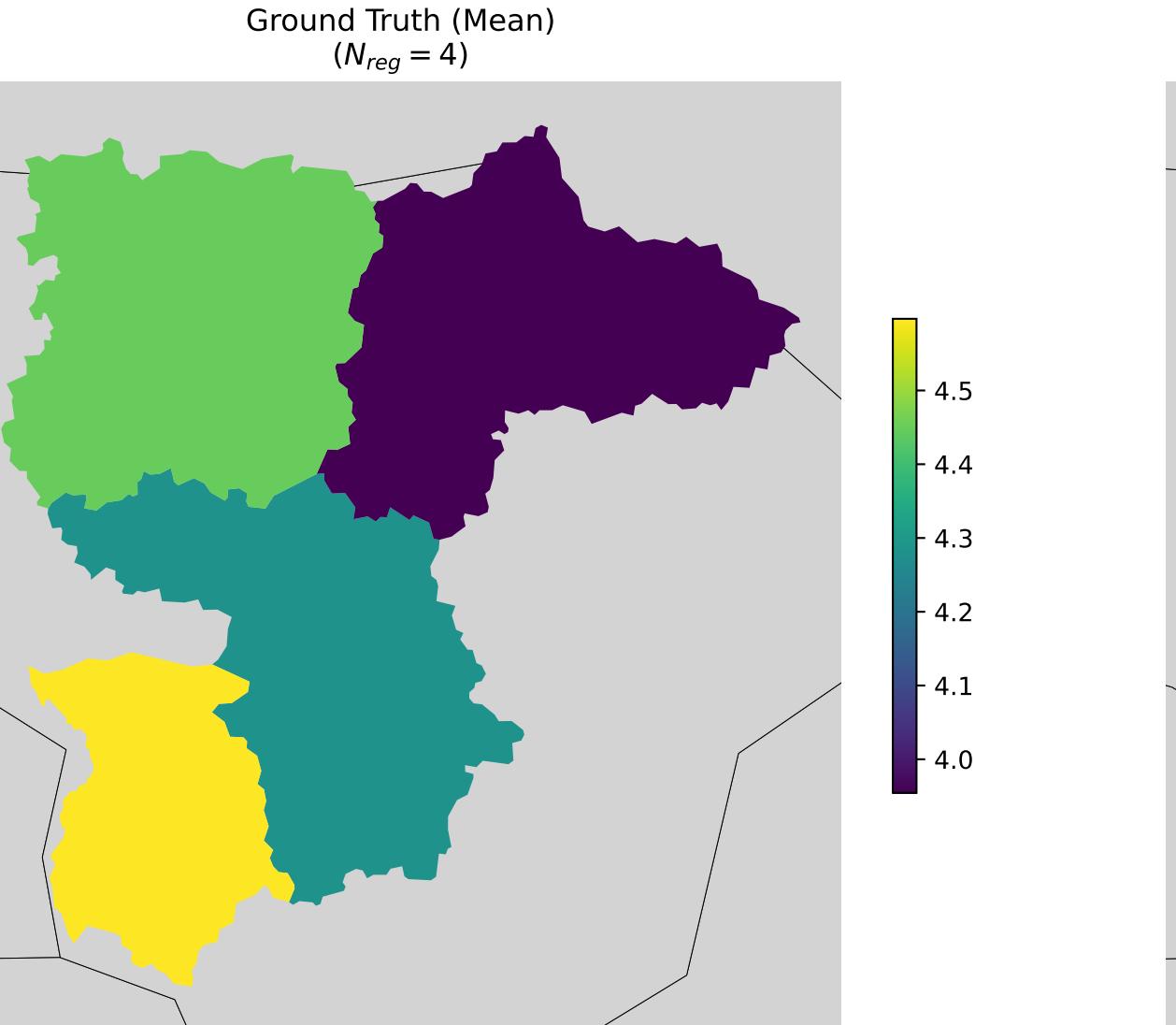
wheat\_HU (Model: LocationBiasCorrectedMaxPredictorModel)



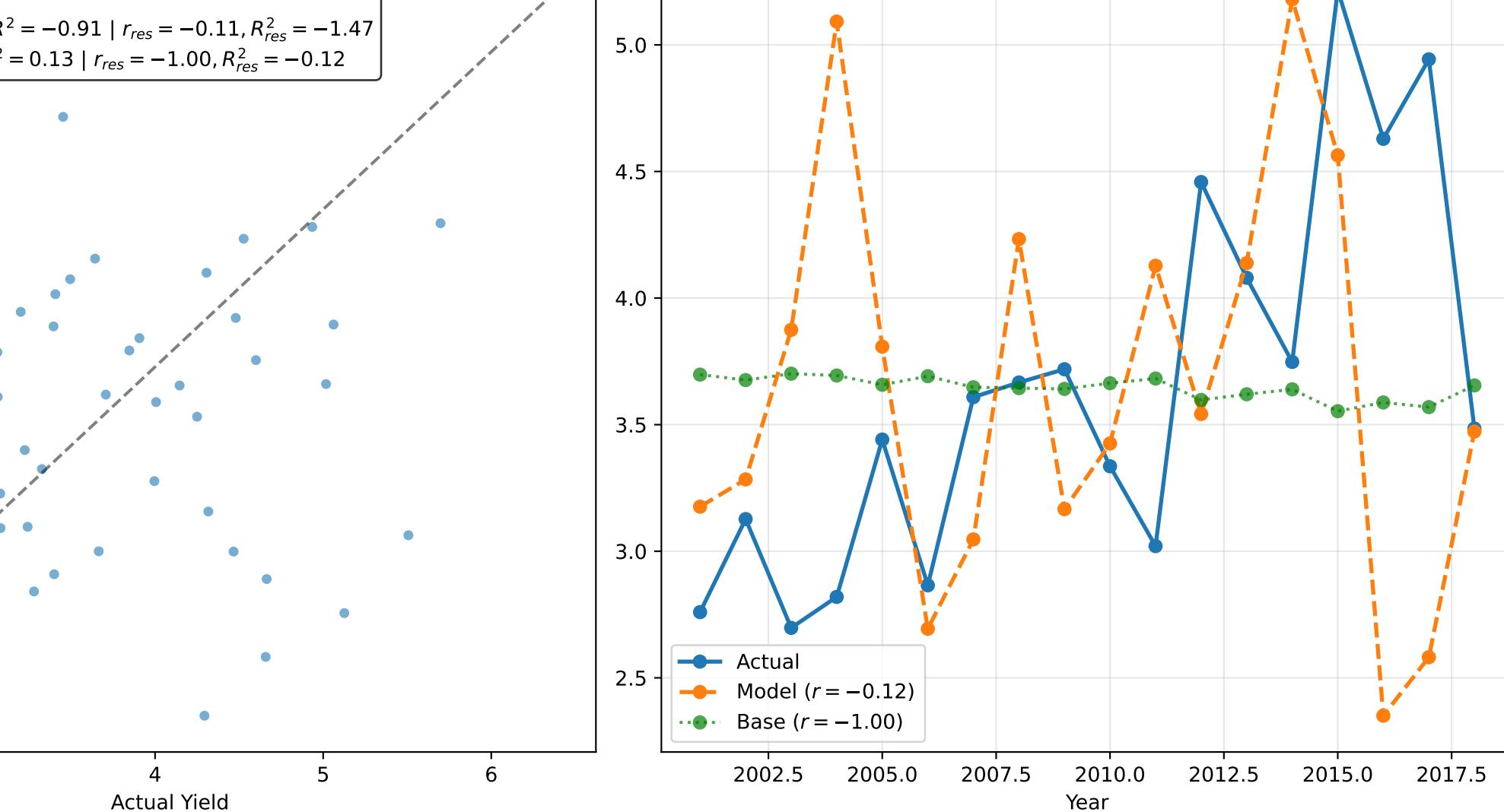
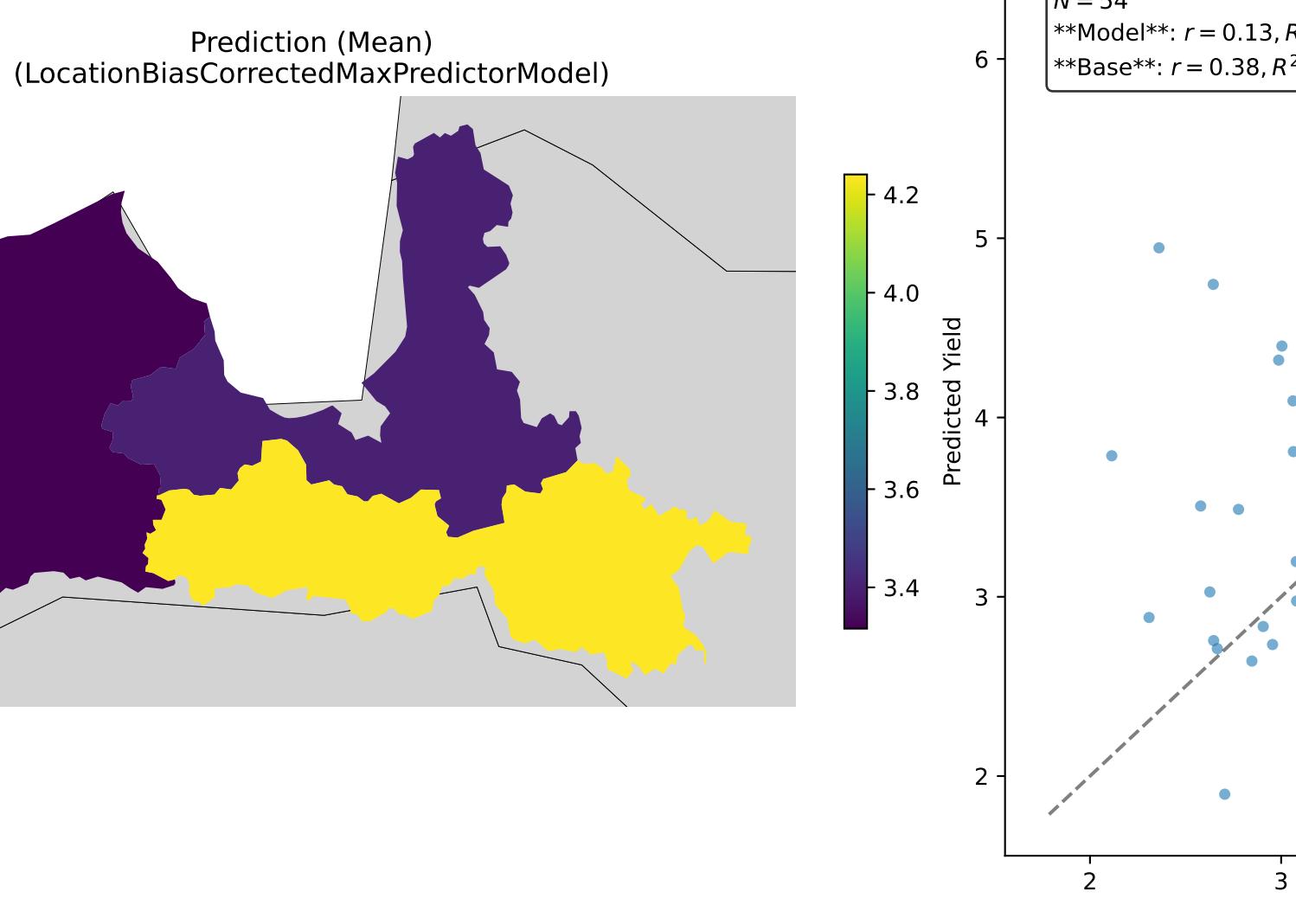
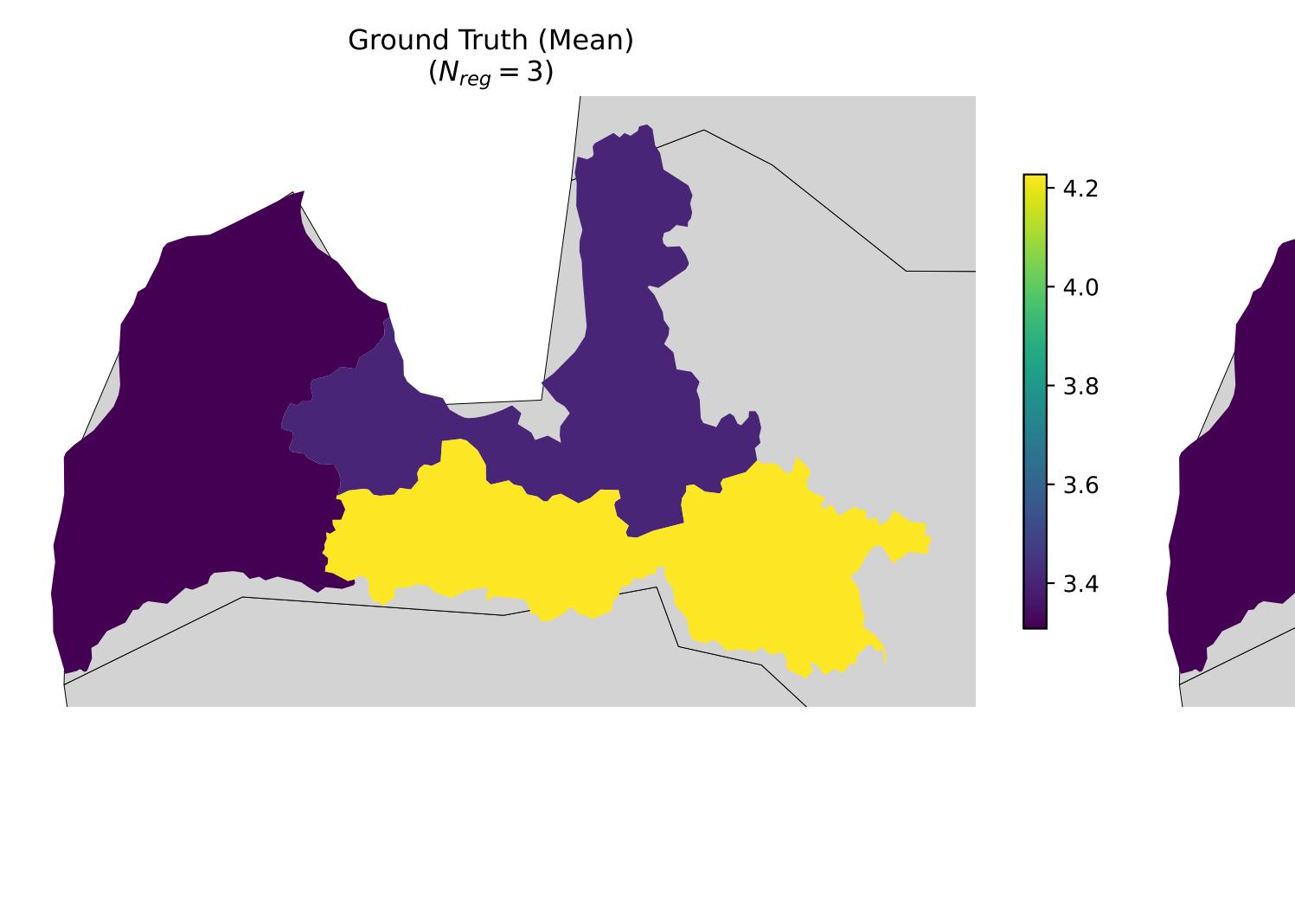


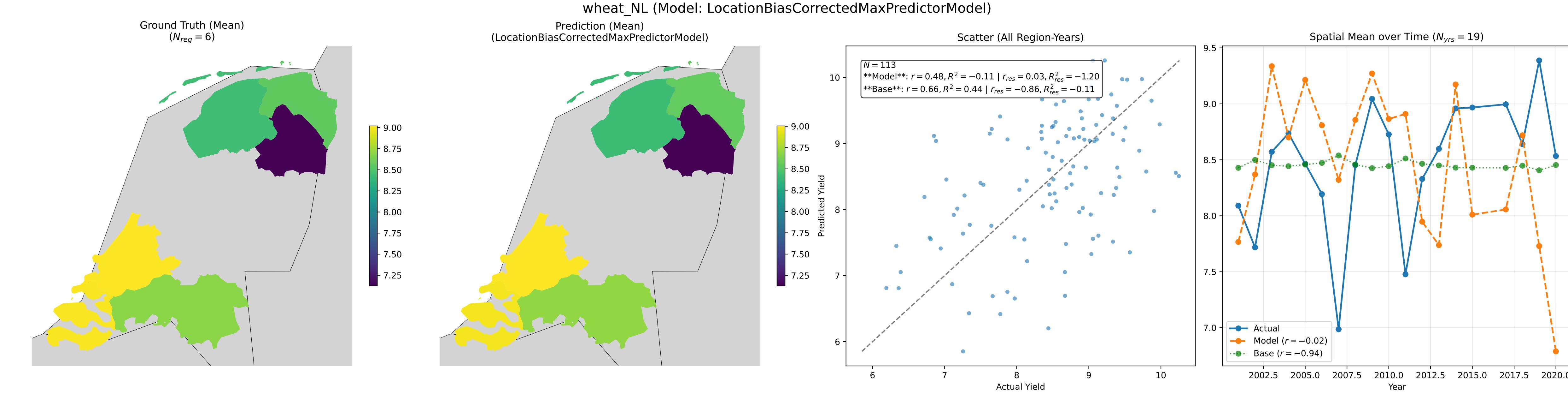
wheat\_IT (Model: LocationBiasCorrectedMaxPredictorModel)

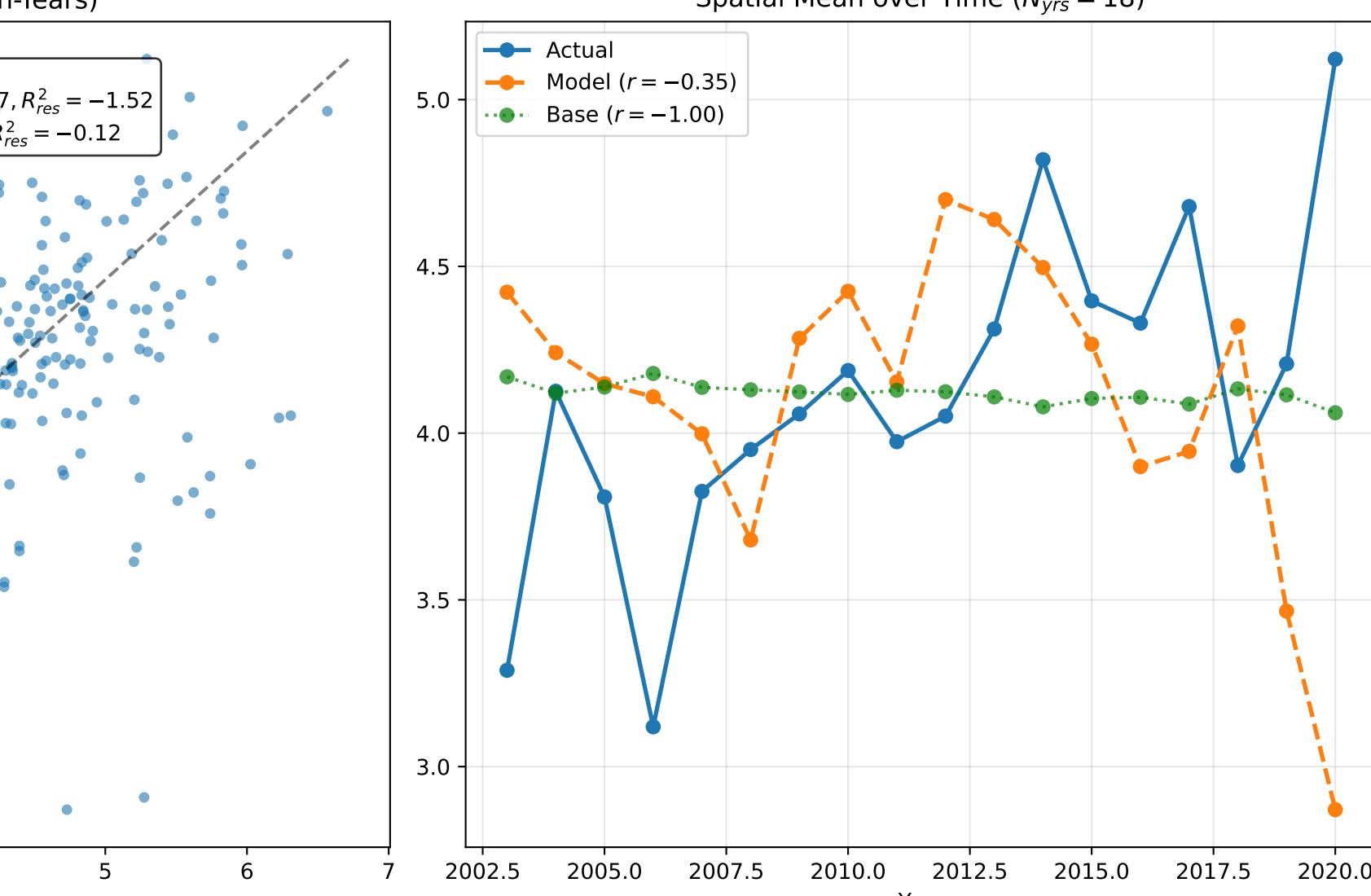
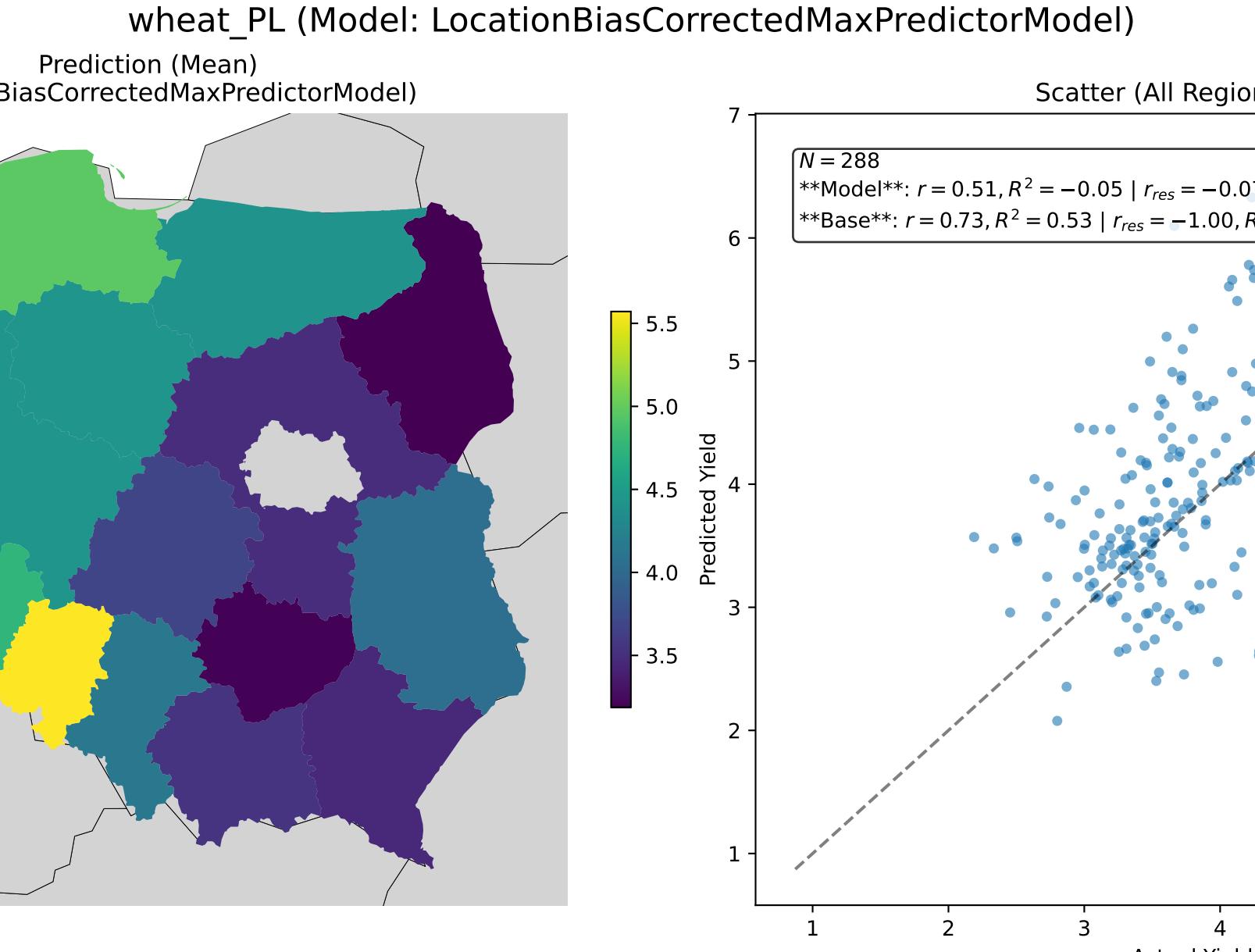
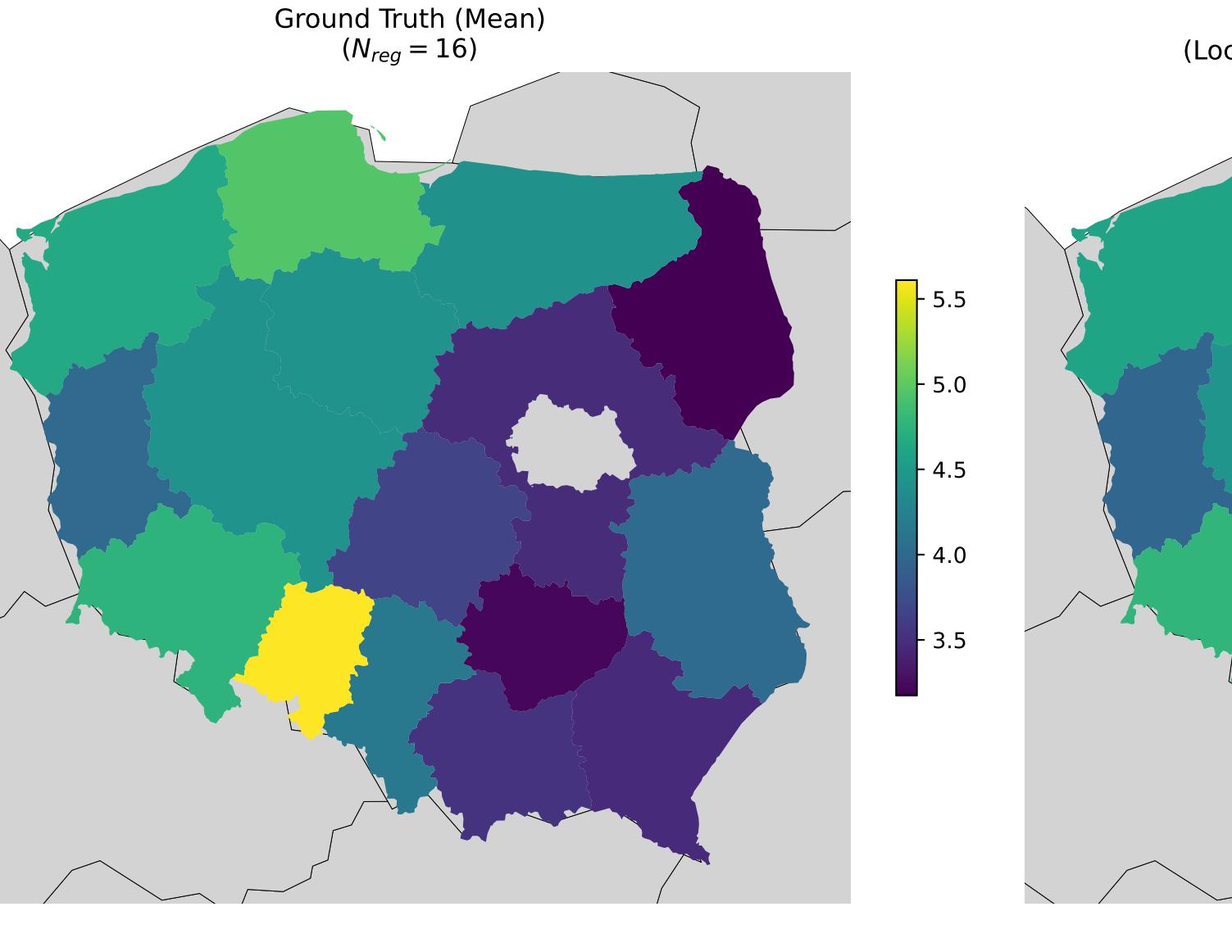




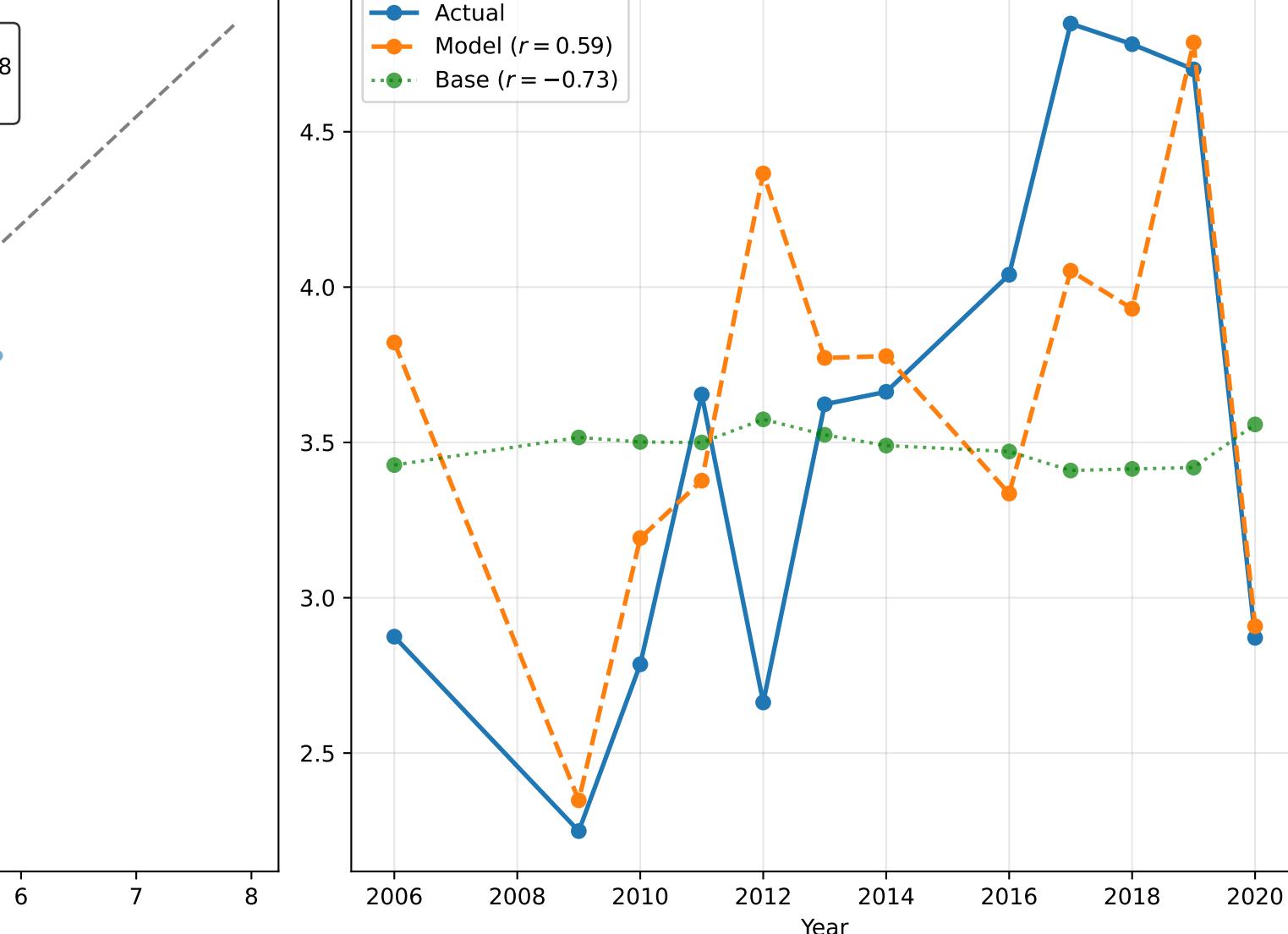
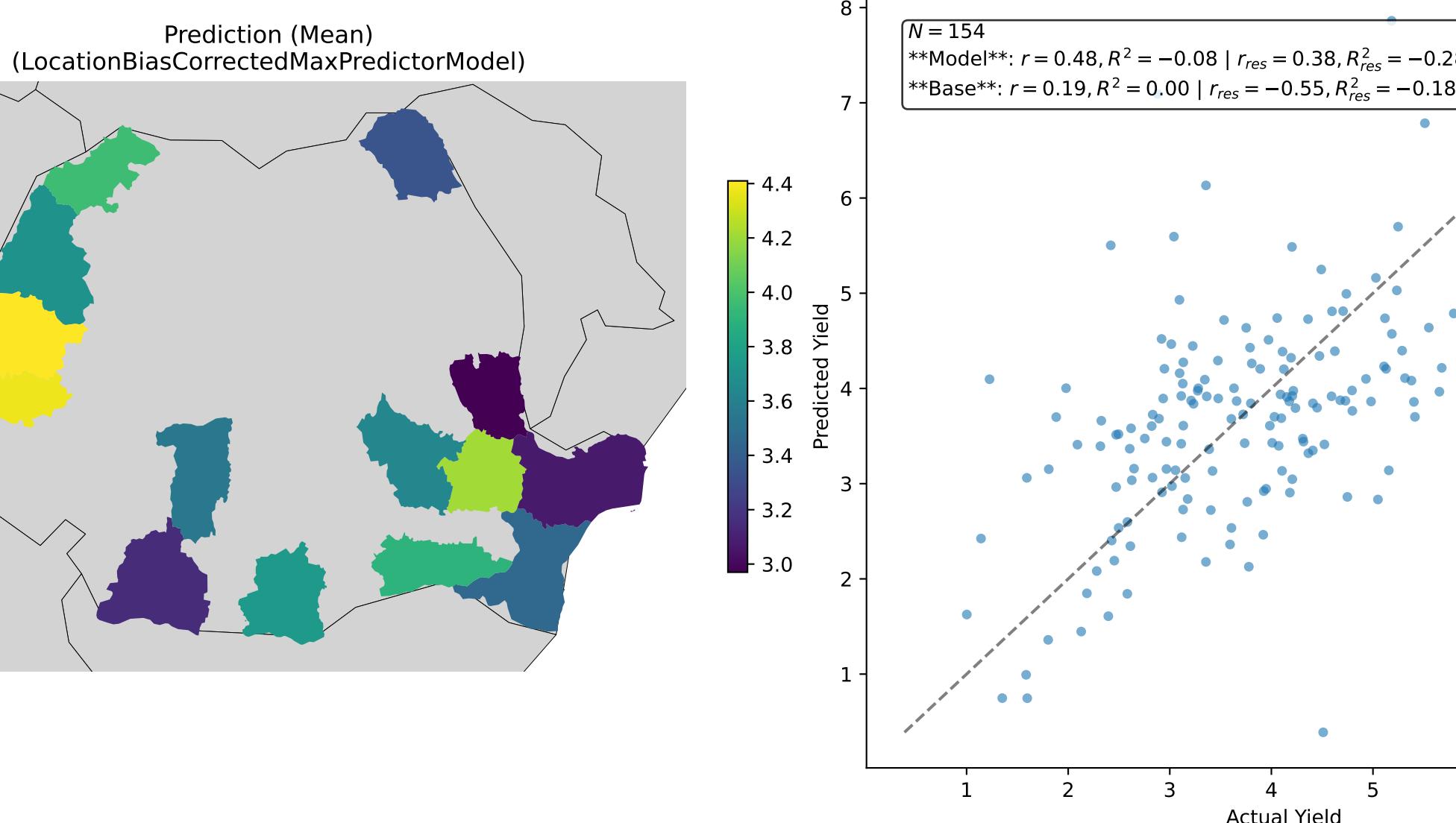
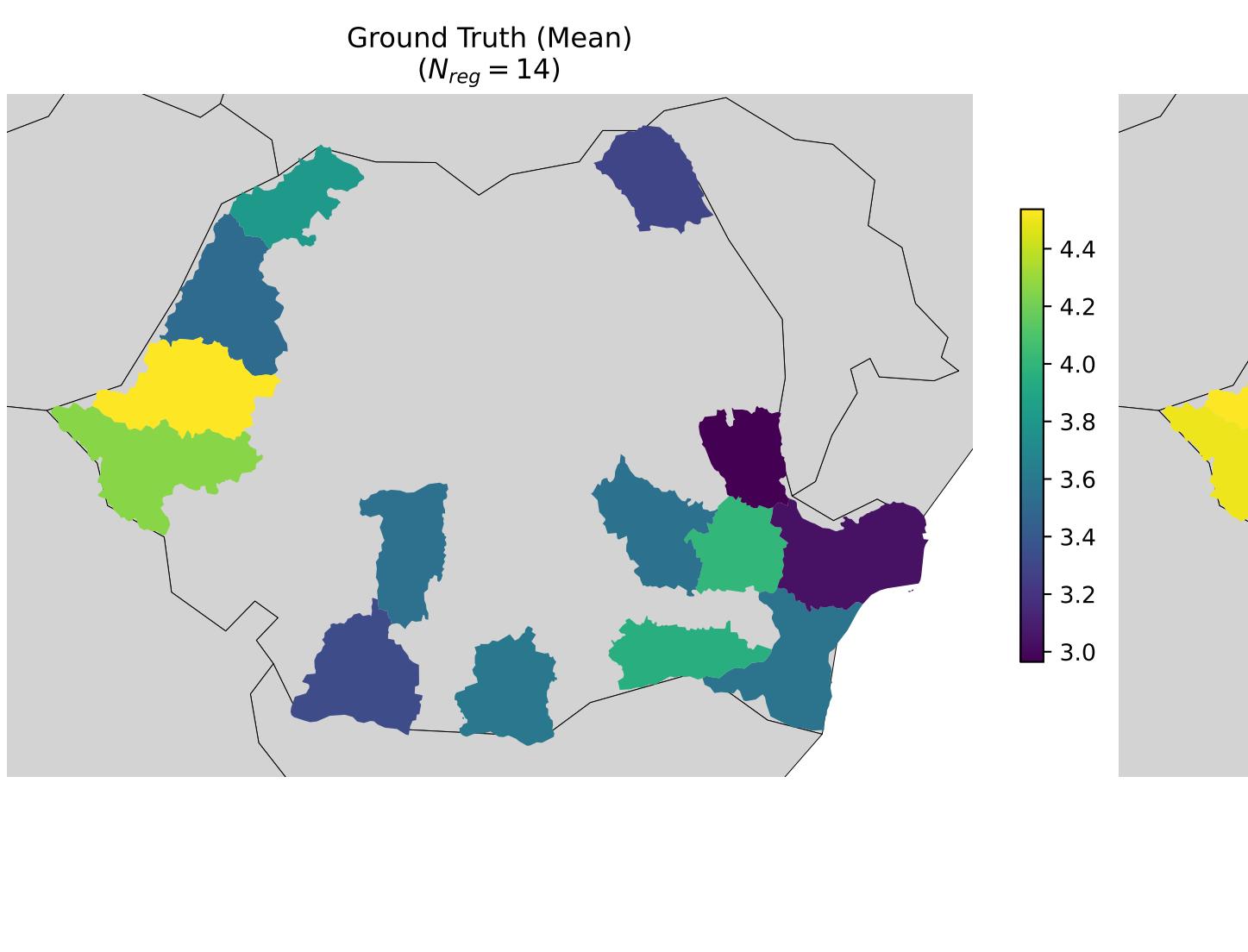
wheat\_LV (Model: LocationBiasCorrectedMaxPredictorModel)



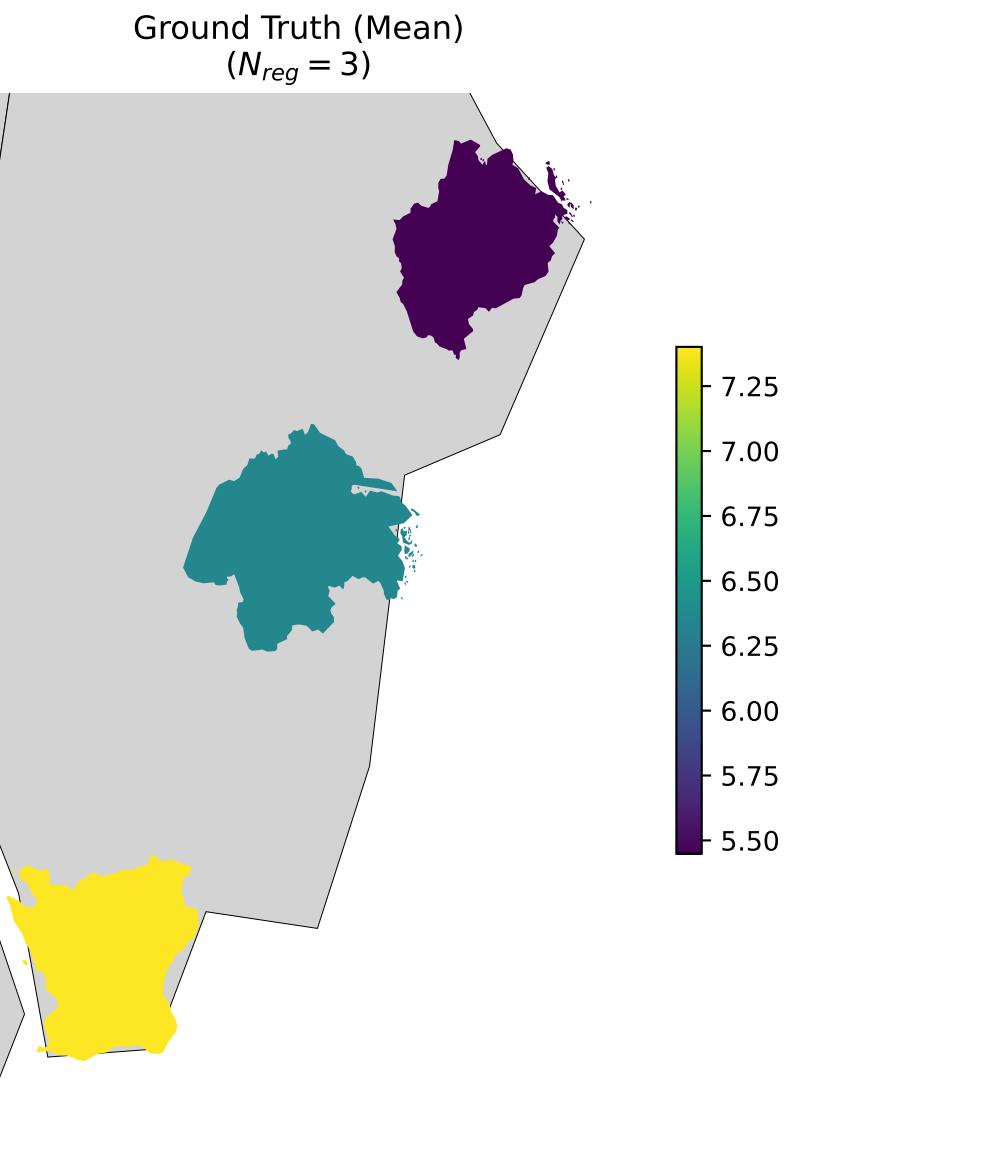




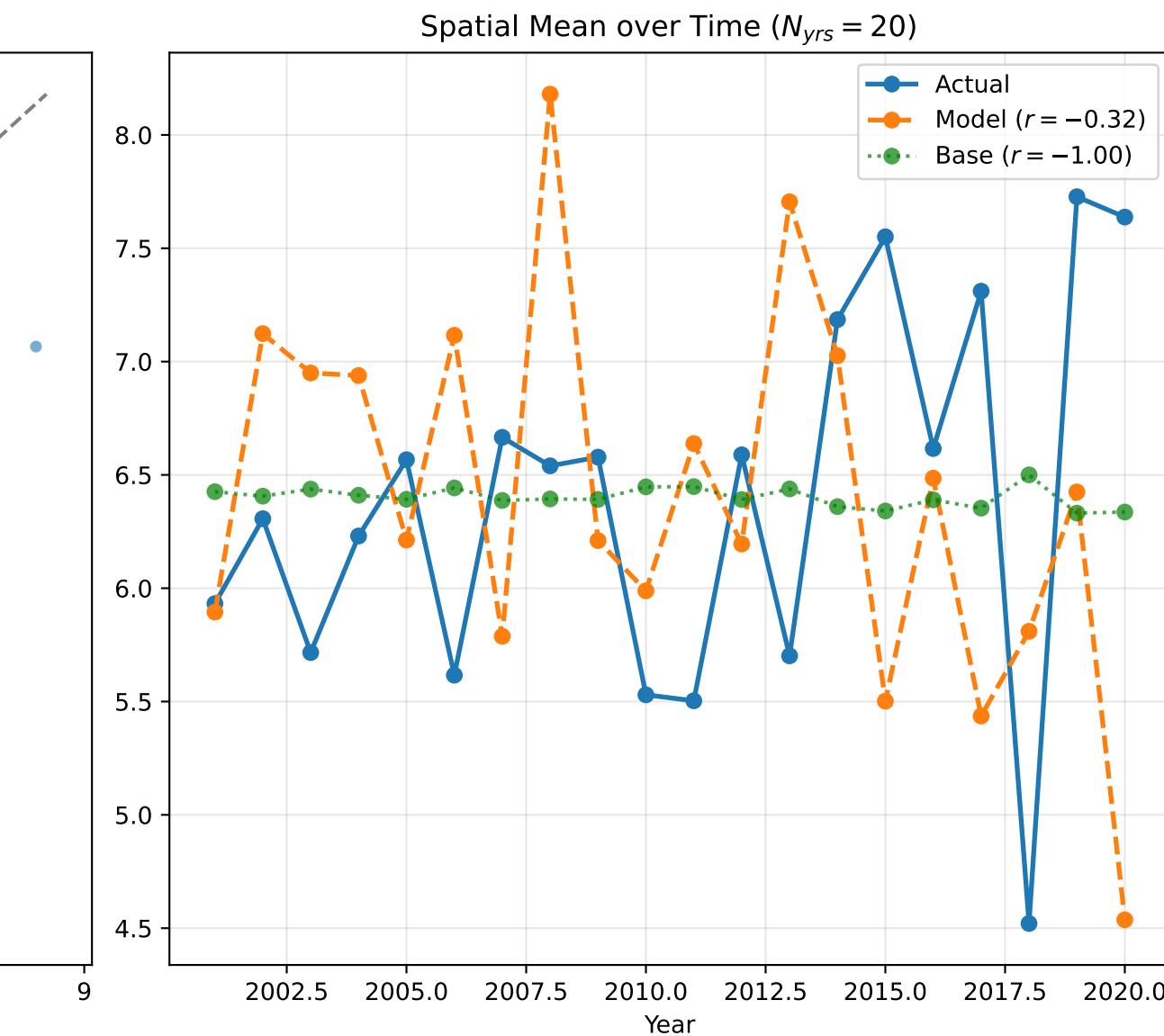
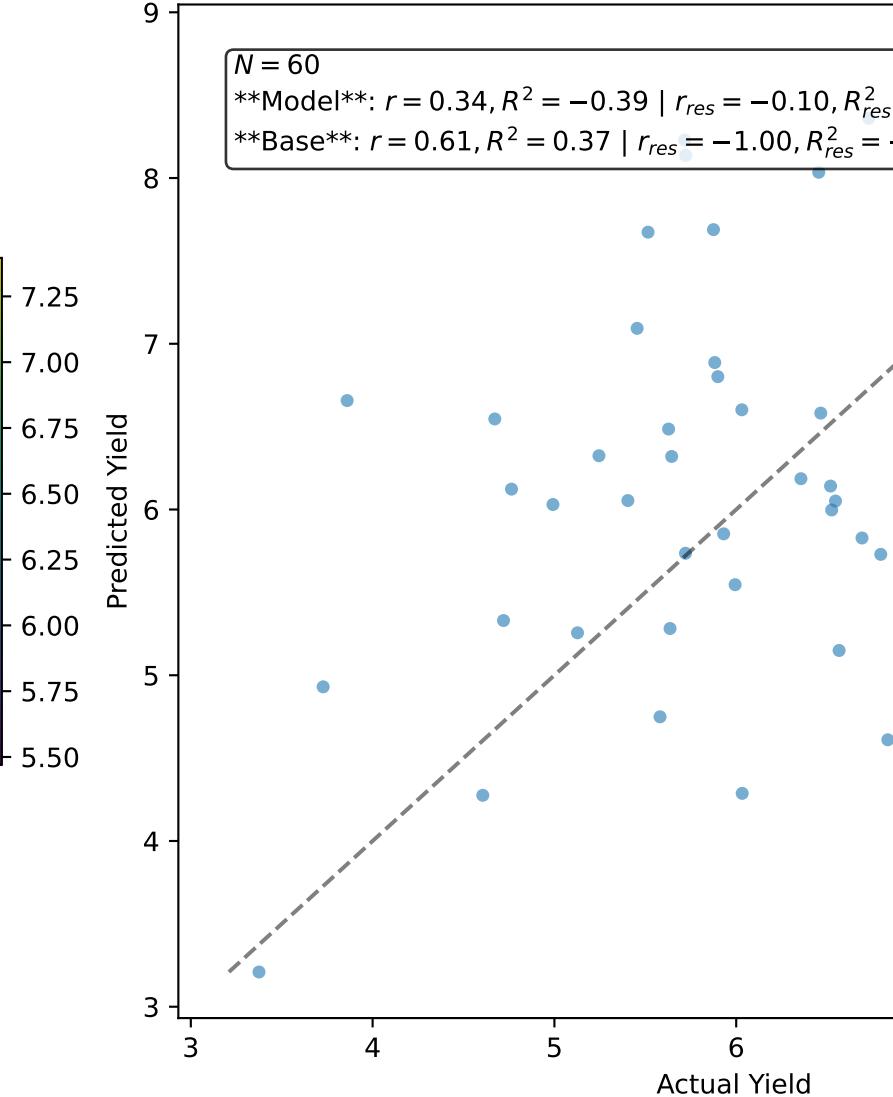
wheat\_RO (Model: LocationBiasCorrectedMaxPredictorModel)



wheat\_SE (Model: LocationBiasCorrectedMaxPredictorModel)



Prediction (Mean)  
(LocationBiasCorrectedMaxPredictorModel)



wheat\_US (Model: LocationBiasCorrectedMaxPredictorModel)

