

Supporting Information for Diagnostic assessment of reservoir release policies using LSTM across the continental U.S.

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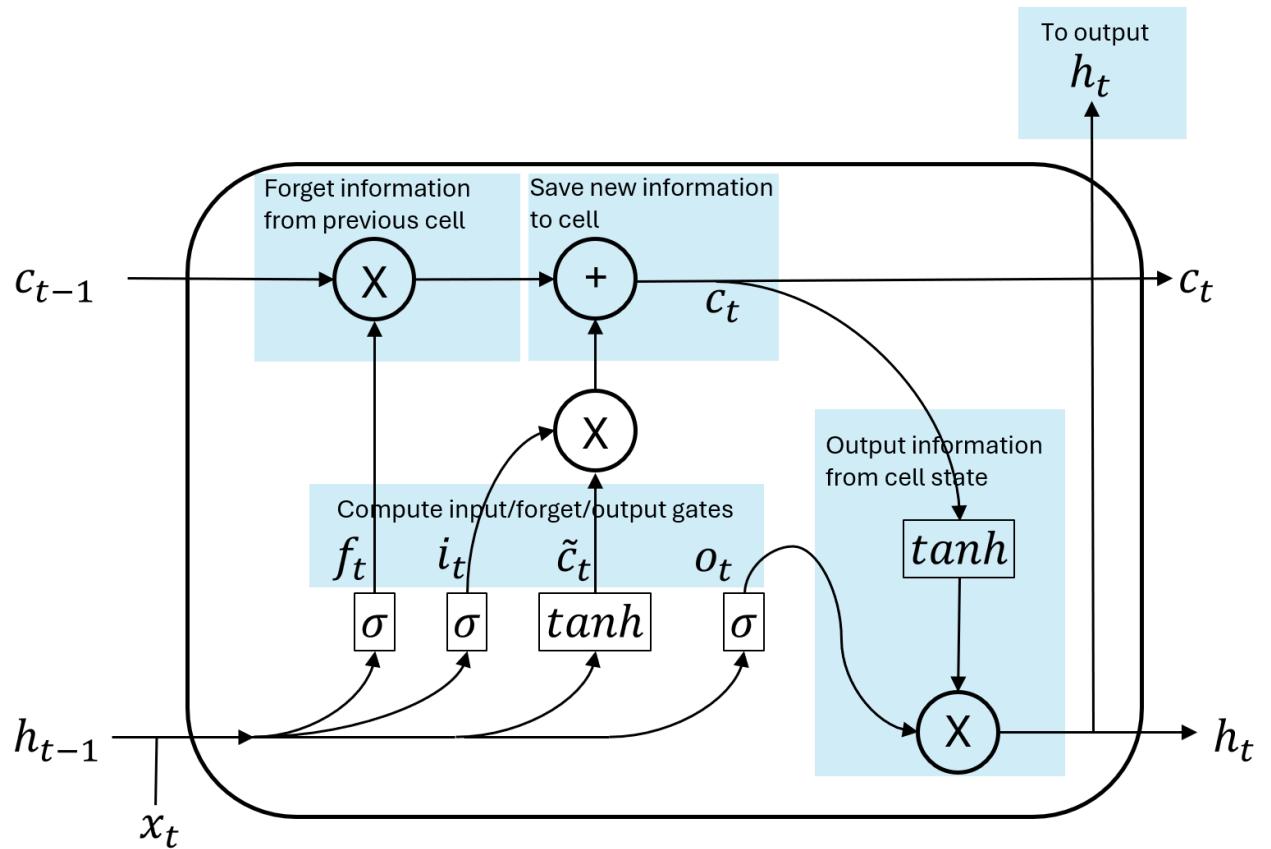


Figure S1. The LSTM architecture represented as a computational graph.

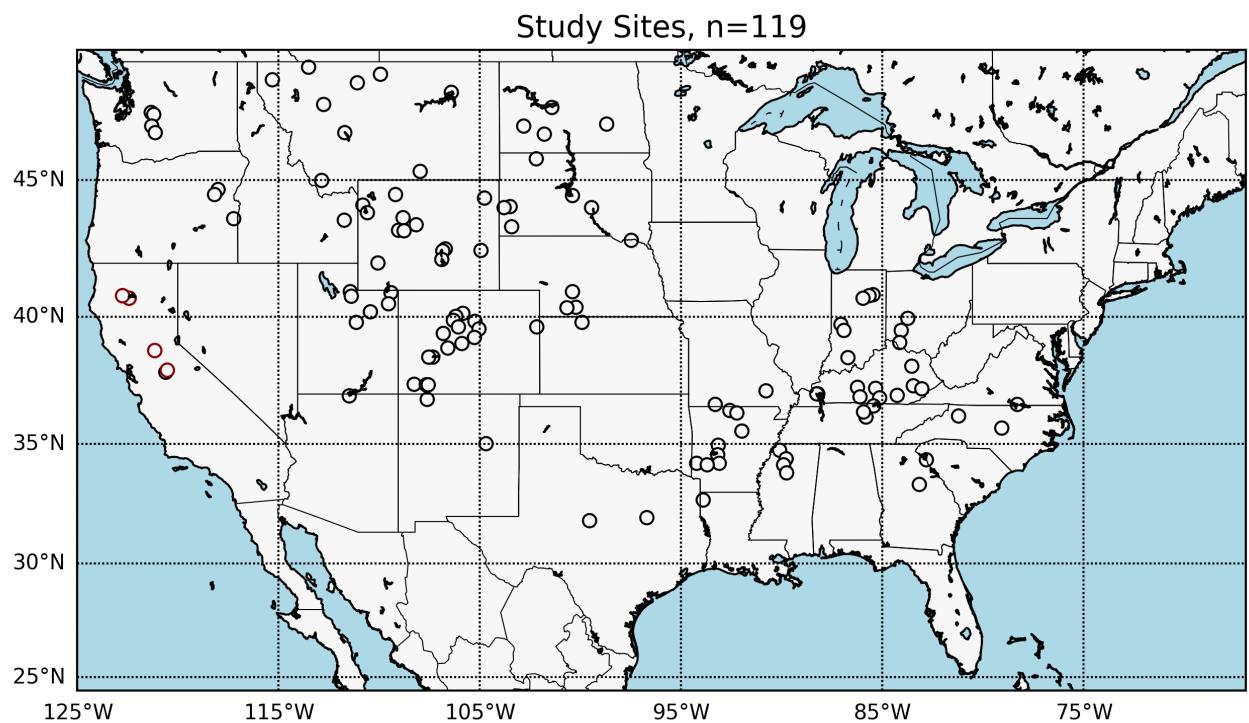


Figure S2. Map of 119 study sites across the continental US. Reservoirs from the U.S. Bureau of Reclamation are highlighted in red, otherwise data is from the ResOpsUS dataset.

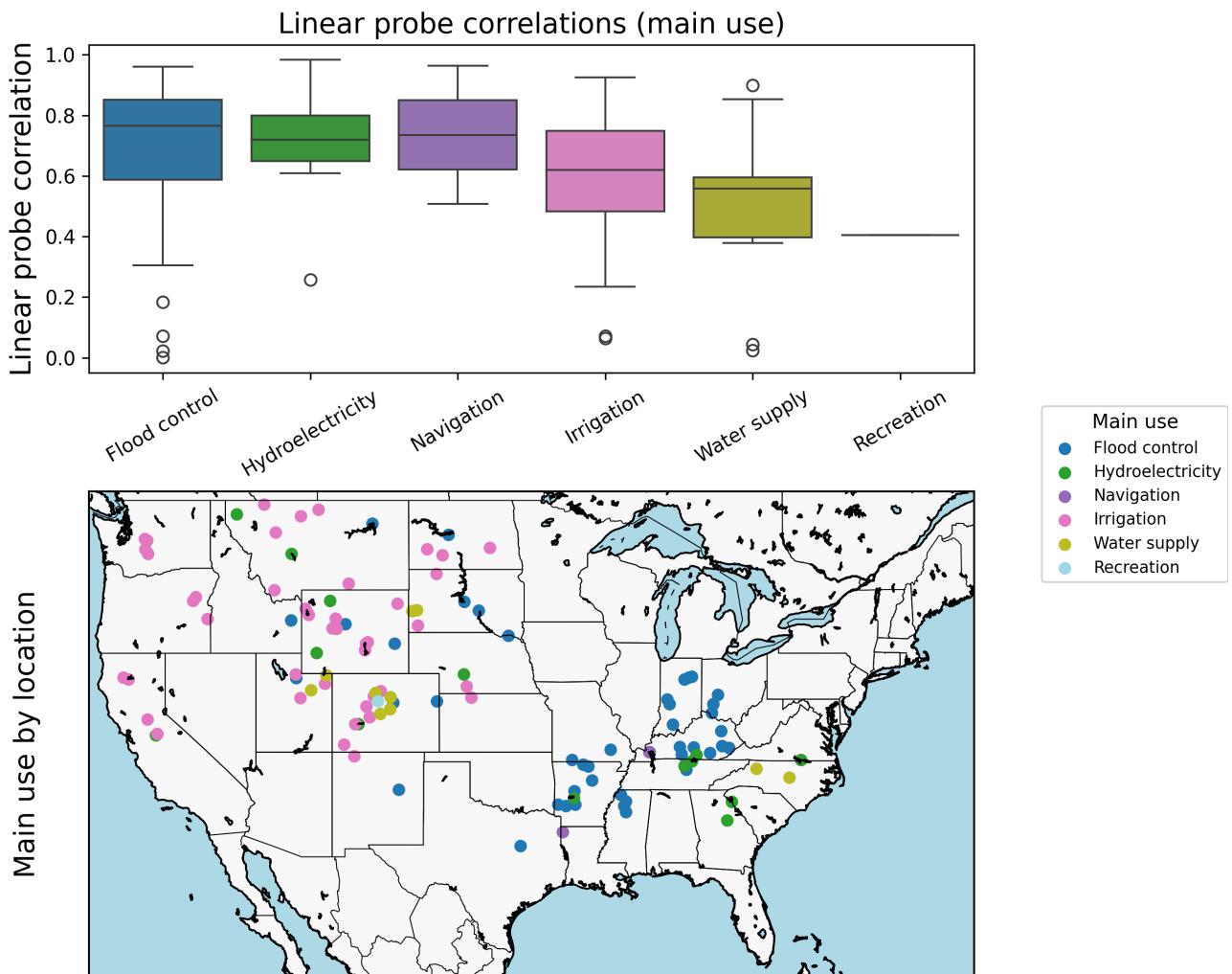


Figure S3. Linear probe correlations with observed storage in testing grouped by main use

Decline in Performance vs. Degree of Regulation

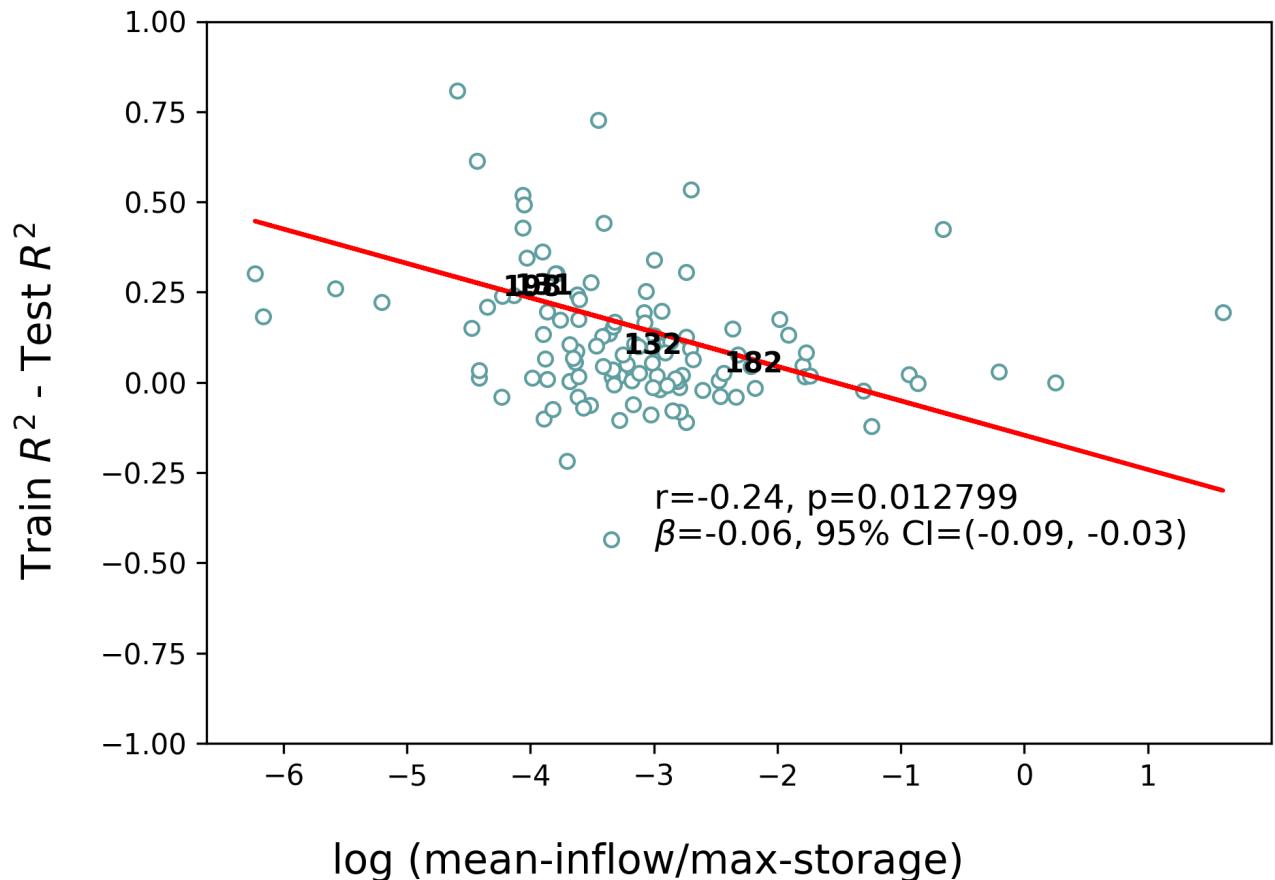


Figure S4. Decline in R^2 in training and test versus log mean-inflow-max-storage ratio.