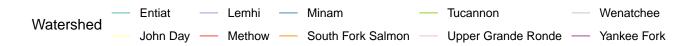
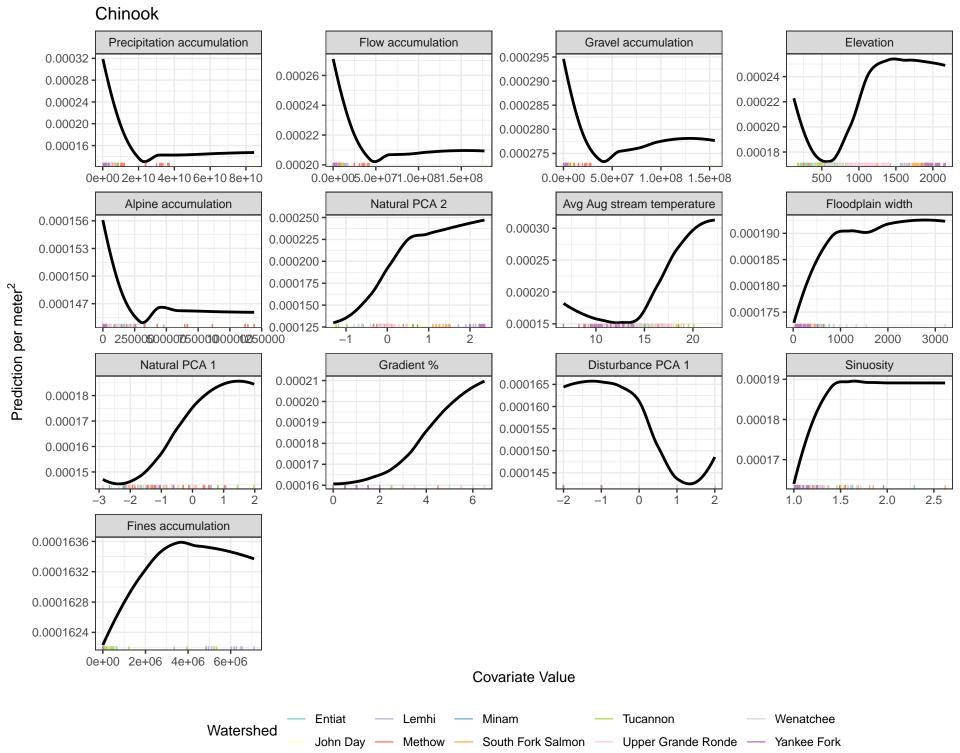
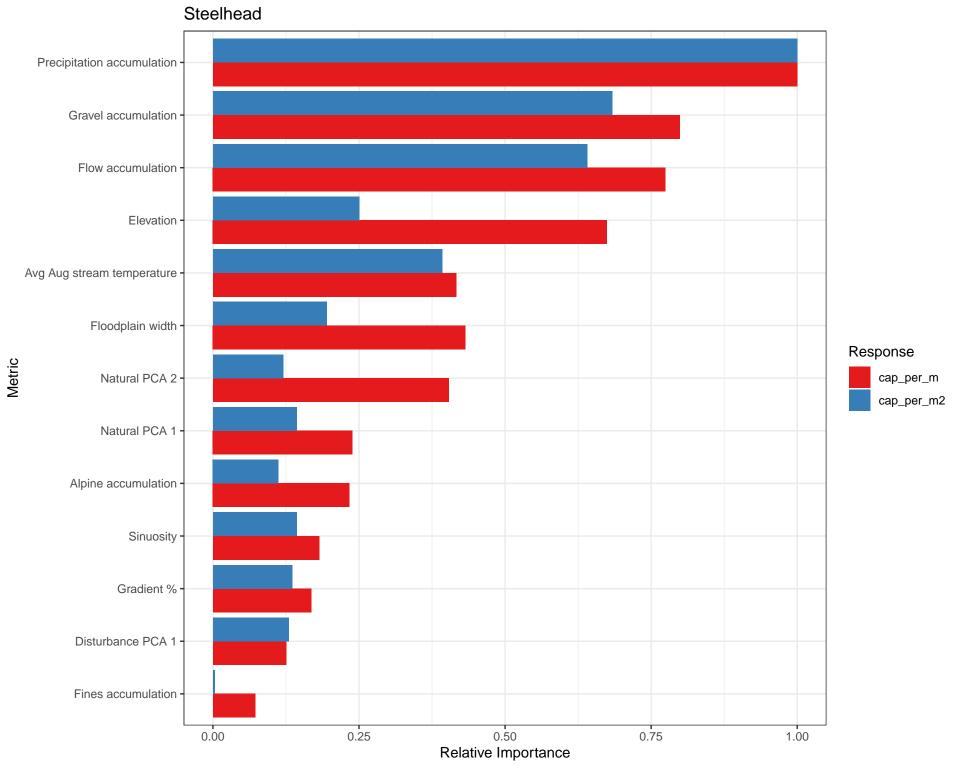


Chinook Natural PCA 2 Flow accumulation Precipitation accumulation Elevation 0.0026 0.0023 -0.0027 -0.002190 0.0024 0.0022 -0.0026 0.002185 0.0025 -0.0022 0.0021 0.002180 0.0024 -0.0020 0.0020 0.002175 0.00230.0019 0.0018 1000 1500 0e+00 2e+10 4e+10 6e+10 8e+10 2000 0.0e+005.0e+071.0e+081.5e+08 Avg Aug stream temperature Floodplain width Alpine accumulation Gravel accumulation 0.00231 0.0026 0.00227 0.00226 0.00230 0.0025 0.00231 0.00225 0.0024 -0.00229 0.00224 0.00230 0.00224 0.00223 0.00222 0.00235 0.00230 0.00230.00228 0.0022 -0.00229 0.00227 25000600000050000000000250000 15 3000 20 1000 2000 0.0e+00 5.0e+07 1.0e+08 1.5e+08 10 Natural PCA 1 Sinuosity Disturbance PCA 1 Gradient % 0.0027 0.00236 0.0026 0.0022 0.00234 0.0025 0.00232 0.0021 0.00225 0.00230 0.0024 0.00220 -0.0020 0.00228 0.0023 0.00215 0.00226 1.0 1.5 2.0 2.5 Fines accumulation 0.00225 0.00224 0.00223 0.00222 0e+00 2e+06 4e+06 6e+06

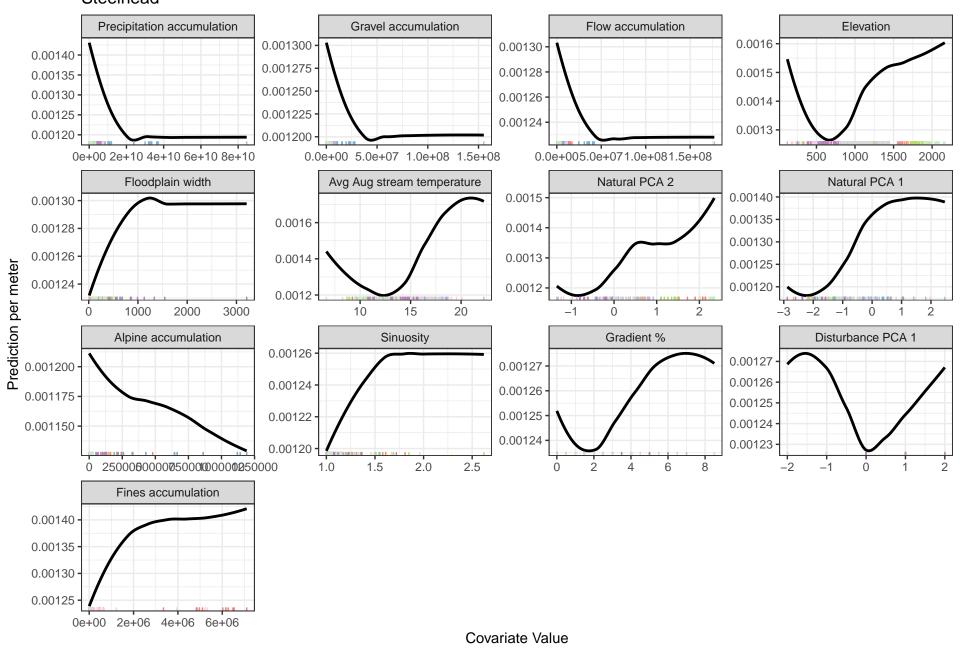
Covariate Value

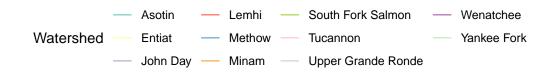






Steelhead





Steelhead Precipitation accumulation Avg Aug stream temperature Gravel accumulation Flow accumulation 0.000170 0.00016 0.00024 -0.00025 -0.000168 -0.00015 0.00020 -0.00020 -0.000166 0.00014 0.00016 - $0.00015 \cdot$ 0.0001640.00013 0.00012 -0.00010 0.000162 0.00012 0.00008 0e+00 2e+10 4e+10 6e+10 8e+10 0.0e+005.0e+071.0e+081.5e+08 0.0e+00 5.0e+07 1.0e+08 1.5e+08 10 15 20 Floodplain width Elevation Natural PCA 1 Sinuosity 0.000110 0.000200 -0.00013 -0.000108 0.000108 0.000175 -0.00012 0.000106 0.000106 0.000150 -Prediction per meter² 0.00011 0.000104 0.000125 -0.000104 0.00010 1000 1500 2000 <u>-2</u> 1.5 500 1000 2000 3000 -1 0 2.0 2.5 1.0 Gradient % Disturbance PCA 1 Natural PCA 2 Alpine accumulation 0.00015 1.0e-04 **-**0.000110 0.00014 0.000120 -0.000109 9.5e-05 0.00013 0.000115 -0.000108 $0.00012 \cdot$ $0.000107 \cdot$ 0.000110 -9.0e-05 0.00011 0.000106 0.000105 -0.00010 0.000105 8.5e-05 2500050000005000000000002500 Fines accumulation 0.000112 -0.000110 -0.000108 -0.000106 -0.000104



Upper Grande Ronde

Minam

John Day

Covariate Value

0e+00 2e+06 4e+06 6e+06