

Chinook Natural PCA 2 Elevation Sinuosity Avg Aug stream temperature 15.0 15.0 -20 19 12.5 12.5 16 18 10.0 10.0 17 12 7.5 7.5 16 5.0 5.0 12.5 17.5 2.5 2000 10.0 15.0 1.5 500 1000 1500 1.0 2.0 Floodplain width Precipitation accumulation Natural PCA 1 Alpine accumulation 16 17.0 **-**16 17 -15 16.5 14 14 16 16.0 13 12 -Prediction per meter 15.5 15 12 1000 2000 3000 2e+10 3e+10 2 0e+00 3e+05 9e+05 0e+00 6e+05 1e+10 Gradient % Flow accumulation Gravel accumulation Disturbance PCA 1 19 17 -16 16 18 16 15 15 15 17 · 14 14 14 16 13 3e+07 0.0e+05.0e+06.0e+07.5e+02.0e+07 0e+00 2e+07 1e+07 Fines accumulation 15.0 14.5 14.0 13.5 2e+06 6e+06 0e+00 4e+06

Covariate Value



Chinook Natural PCA 2 Alpine accumulation Elevation Sinuosity 1.15 8.0 0.8 1.0 -0.7 0.7 -1.05 0.9 0.6 0.6 0.95 0.5 0.8 0.5 0.85 0.4 0.7 0.4 0.3 0.75 1.5 2.5 3e+05 6e+05 9e+05 2000 0e+00 500 1000 1500 1.0 2.0 Precipitation accumulation Avg Aug stream temperature Floodplain width Natural PCA 1 0.9 8.0 0.825 0.8 1.0 0.7 -0.800 -0.7 0.8 Prediction per meter² 0.6 0.775 -0.6 0.6 0.750 3e+10 12.5 0e+00 2e+10 15.0 17.5 1000 2000 3000 1e+10 10.0 Gradient % Flow accumulation Gravel accumulation Disturbance PCA 1 0.90 -0.84 -0.96 0.9 0.85 0.82 0.92 -0.80 0.80 0.8 0.78 0.75 0.88 0.7 0.76 0.70 0.74 2e+07 3e+07 0.0e+06.0e+06.0e+07.5e+02.0e+07 <u>-2</u> -1 0e+00 1e+07 Fines accumulation 0.93 0.90 0.87

Covariate Value

0.84

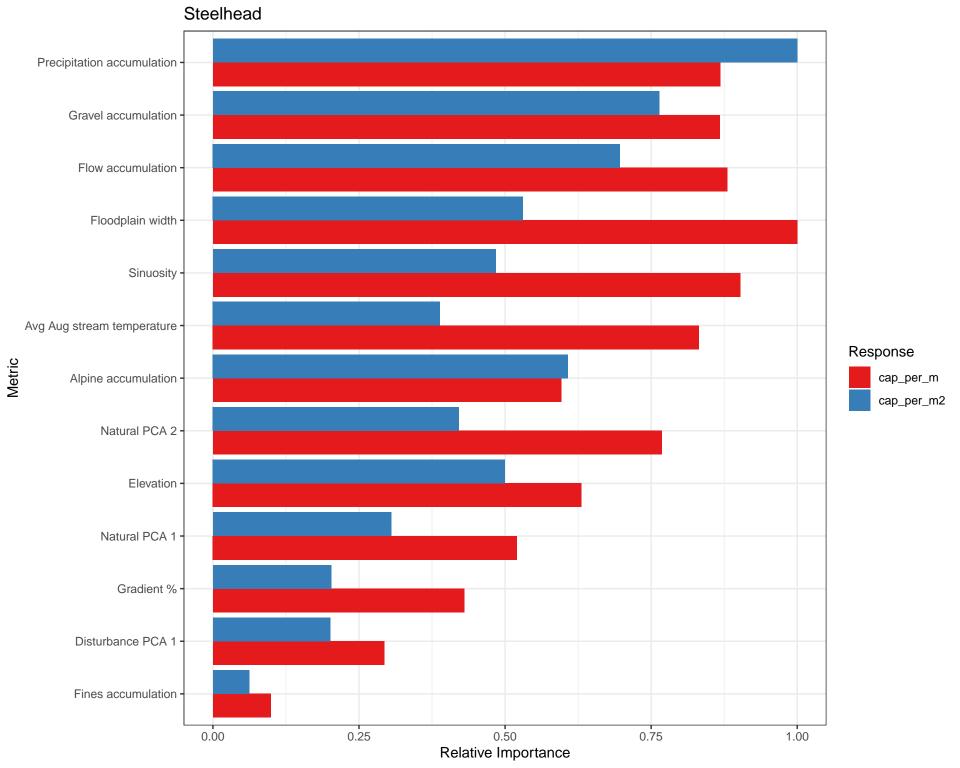
0.81 -

0e+00

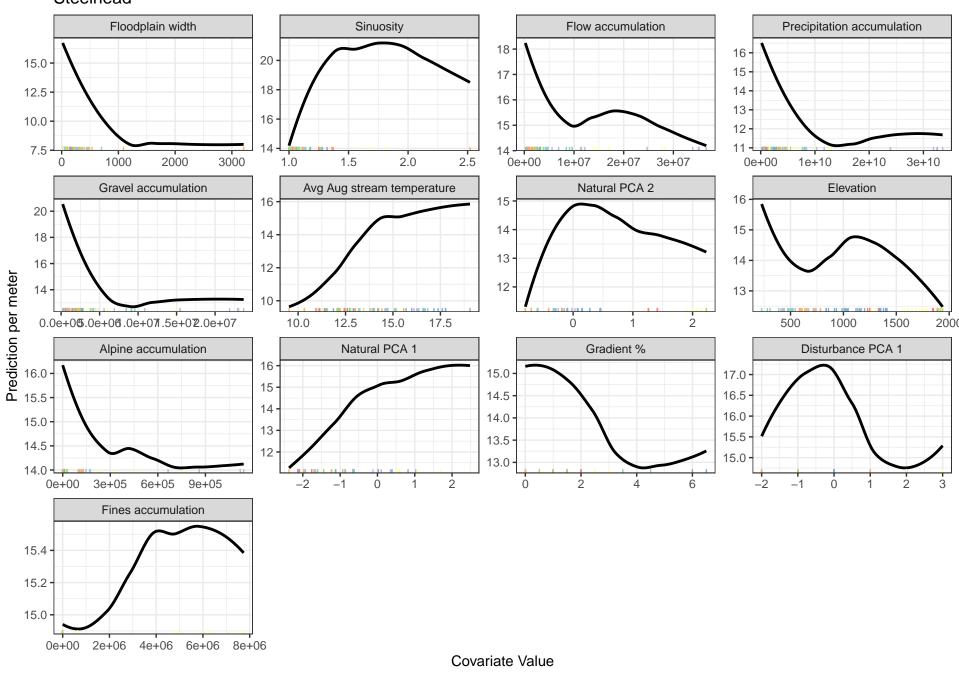
4e+06 6e+06

2e+06





Steelhead



Lemhi — South Fork Salmon — Wenatchee

Entiat — Methow

Watershed

— Upper Grande Ronde — Yankee Fork

Steelhead

