Redds

ChannelUnit

- Channel Unit Frequency
- Fast Turbulent Frequency
- Fast NonTurbulent Frequency
- Slow Water Frequency
- Fast Turbulent Count
- ChnlUnitTotal_Ct
- Channel Unit Count
- Fast NonTurbulent Count
- Slow Water Percent
- Fast NonTurbulent Percent
- Fast Turbulent Percent
- Slow Water Count

Complexity

- Wetted Depth SD
- Bankfull Width To Depth Ratio Avg
- Wetted Width To Depth Ratio Avg
- Thalweg Depth CV
- Bankfull Channel Braidedness
- Wetted Width To Depth Ratio CV
- Detrended Elevation SD
- Wetted Channel Braidedness
- Sinuosity Via Centerline
- Sinuosity
- Bankfull Width To Depth Ratio CV
- Bankfull Width CV
- Wetted Width CV

Cover

- Fish Cover: None
- Fish Cover: Some Cover
- Fish Cover: Terrestrial Vegetation
- Fish Cover: Total
- Percent Undercut by Area
- Fish Cover: LW
- Percent Undercut by Length
- Fish Cover: Aquatic Vegetation

Land Classification

- Natural Class PCA 1
- Disturbance Class PCA 1
- Natural Class PCA 2

Riparian

- Riparian Cover: Non−Woody
- RipCovUstoryNone
- Riparian Cover: Understory
- Riparian Cover: Coniferous
- Riparian Cover: No Ground
- Riparian Cover: Woody
- Riparian Cover: Big Tree
- Riparian Cover: Some Canopy
- Riparian Cover: No Canopy
- Riparian Cover: Ground

Size

- Bankfull Width Integrated
- Wetted Width Integrated
- Bankfull Width Avg
- Wetted Width Avg
- Bankfull Depth Avg
- Discharge
- Drainage Area (Flowline)
- Bankfull Depth Max
- DpthThlwg_Avg
- Residual Pool Depth
- Avg max pool depth
- Mean Annual Flow
- Precipitation
- Gradient

Substrate

- Substrate Est: Sand and Fines
- Substrate: D50
- Substrate < 2mm
- Substrate < 6mm
- Substrate Est: Cobbles
- Substrate: D16
- Substrate Est: Boulders
- Substrate: D84
- Substrate Est: Coarse and Fine Gravel
- Substrate: Embeddedness Avg
- Substrate: Embeddedness SD

Temperature

- Elev_M
- Solar Access: Summer Avg
- Avg. August Temperature

WaterQuality

- Alkalinity
- Conductivity
- Drift Biomass

Wood

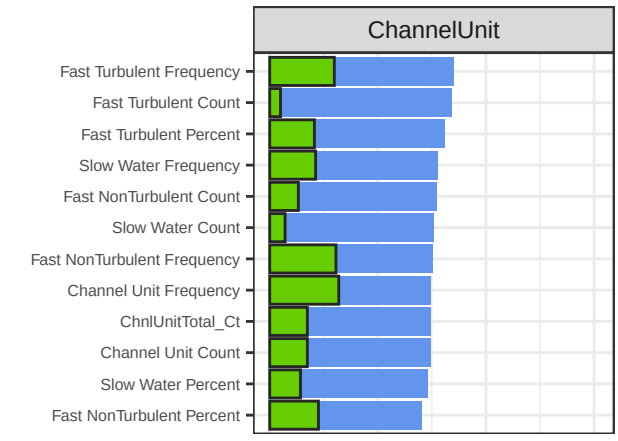
- Large Wood Frequency: Wetted
- Large Wood Volume: Wetted Slow Water
- Large Wood Volume: Wetted Fast NonTurbulent
- Large Wood Volume: Bankfull
- Large Wood Volume: Bankfull Fast NonTurbulent
- Large Wood Frequency: Bankfull
- Large Wood Volume: Wetted
- Large Wood Volume: Wetted Fast Turbulent
- Large Wood Volume: Bankfull Slow Water

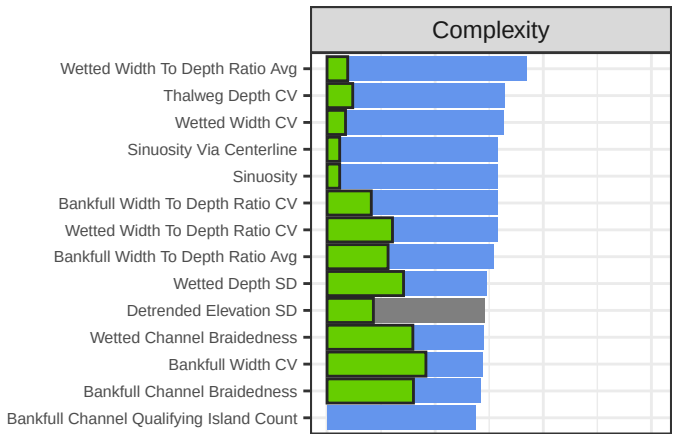
0.0 0.1 0.2 0.3 0.4

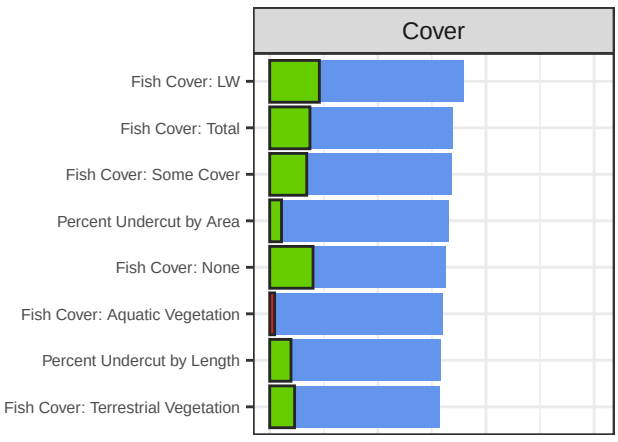
Steelhead MIC

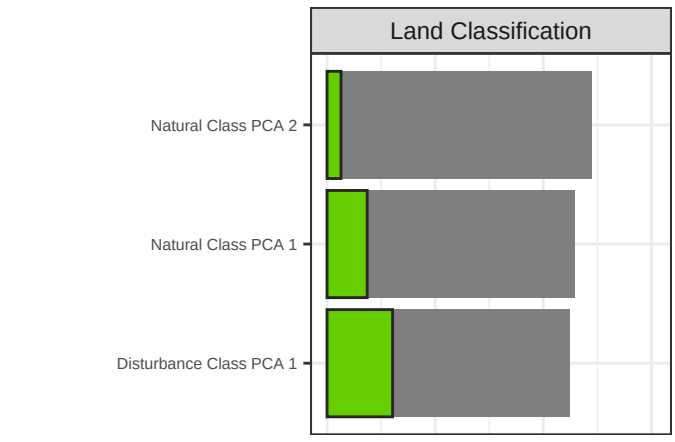
Chinook MIC higher | Chinook MIC lower | Not informative | Informative for restoration

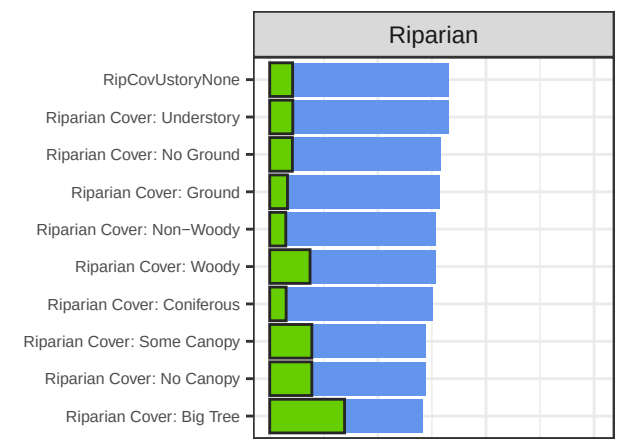
Summer_CHaMP

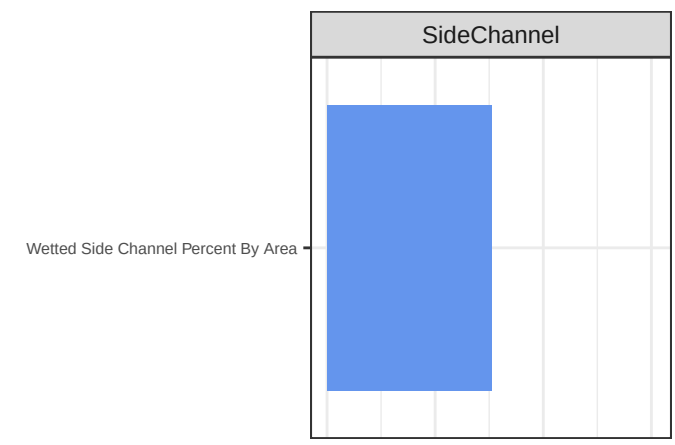


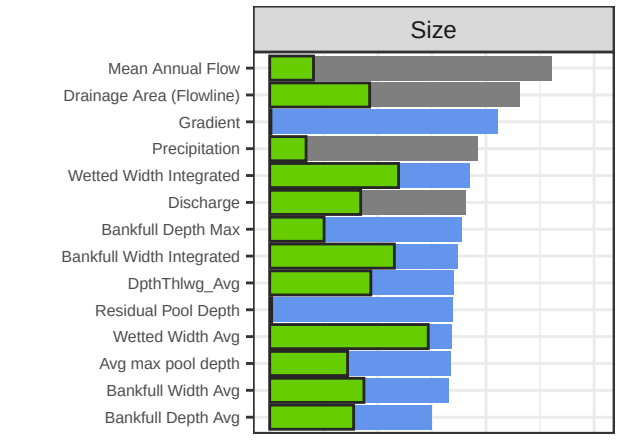


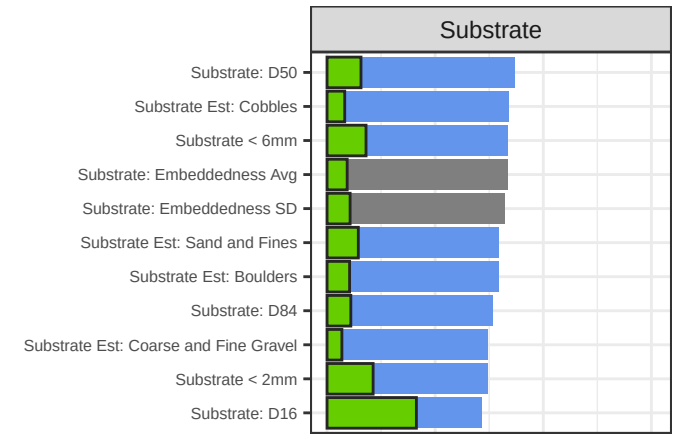


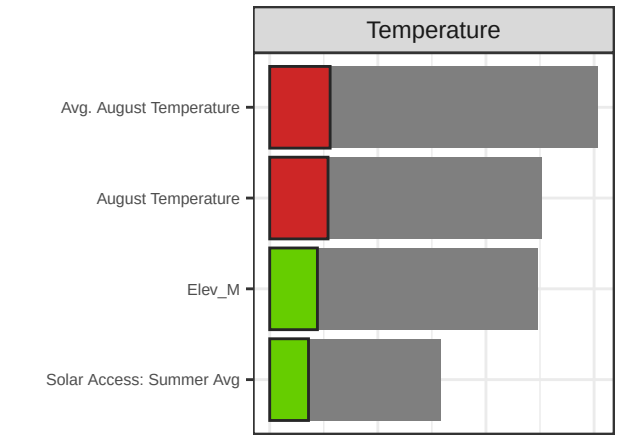


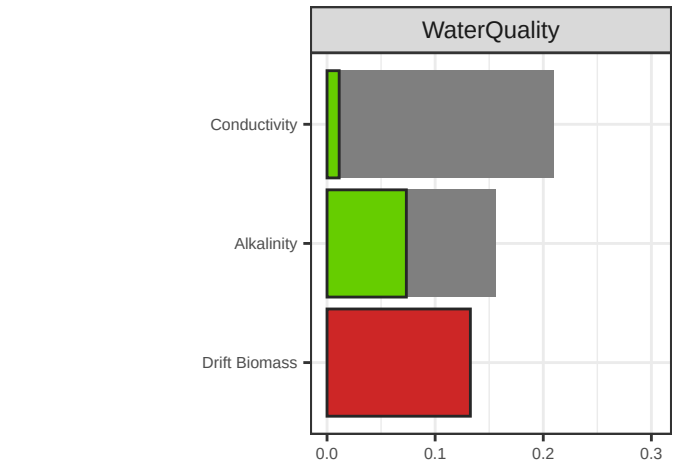


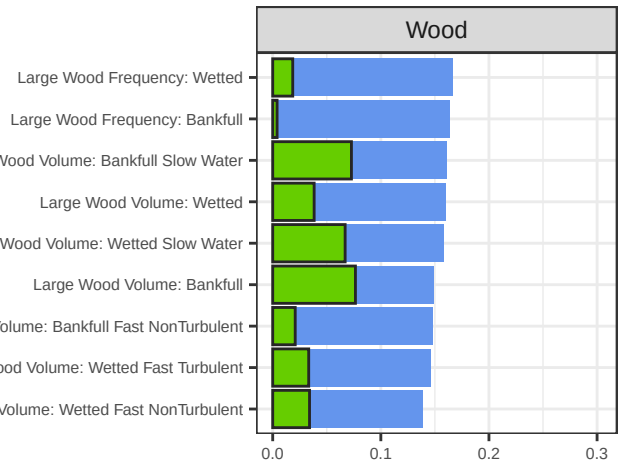












Steelhead MIC

Chinook MIC higher | Chinook MIC lower | Not informative | Informative for restoration

Summer_DASH

ChannelUnit

- Fast NonTurbulent Count
- Fast Turbulent Frequency
- Fast NonTurbulent Frequency
- Slow Water Frequency
- Fast NonTurbulent Percent
- Channel Unit Frequency
- Slow Water Percent
- ChnlUnitTotal_Ct
- Channel Unit Count
- Slow Water Count
- Fast Turbulent Count
- Fast Turbulent Percent

Complexity

- Wetted Depth SD
- Sinuosity Via Centerline
- Wetted Width CV
- Wetted Channel Braidedness

Cover

- Percent Undercut by Area
- Fish Cover: LW
- Percent Undercut by Length
- Fish Cover: Terrestrial Vegetation
- UcutLgth
- Fish Cover: Total
- Fish Cover: None
- Fish Cover: Some Cover
- Fish Cover: Aquatic Vegetation

Land Classification

- Natural Class PCA 2
- Natural Class PCA 1
- Disturbance Class PCA 1

SideChannel

- Wetted Side Channel Percent By Area

Size

- Mean Annual Flow
- Drainage Area (Flowline)
- Gradient
- Precipitation
- Wetted Width Avg
- DpthThlwg_Avg
- Wetted Width Integrated
- Discharge
- Residual Pool Depth

Substrate

- Substrate: D84
- Substrate Est: Coarse and Fine Gravel
- Substrate: D50
- Substrate Est: Boulders
- Substrate Est: Sand and Fines
- Substrate: D16
- Substrate Est: Cobbles

Temperature

- Avg. August Temperature
- August Temperature
- Elev_M

WaterQuality

- Conductivity

Wood

- Large Wood Frequency: Wetted
- Large Wood Volume: Wetted Fast Turbulent
- Large Wood Volume: Wetted
- Large Wood Volume: Wetted Slow Water
- LWcnt_Wet

0.0 0.1 0.2

Steelhead MIC

Chinook MIC higher | Chinook MIC lower | Not informative | Informative for restoration

Winter

ChannelUnit

Channel Unit Frequency

Complexity

Sinuosity

Wetted Channel Braidedness

Cover

PercentIceCover

Fish Cover: LW

Fish Cover: Aquatic Vegetation

Fish Cover: Some Cover

Fish Cover: None

Fish Cover: Terrestrial Vegetation

Ucut_Length

Percent Undercut by Area

Fish Cover: Total

Land Classification

Natural Class PCA 1

Natural Class PCA 2

Disturbance Class PCA 1

Size

Drainage Area (Flowline)

Discharge_fish

Gradient

Residual Depth

Max Depth

Thalweg Exit Depth

Substrate

Substrate: D50

Substrate Est: Coarse and Fine Gravel

Substrate Est: Cobbles

Substrate Est: Sand and Fines

Substrate Est: Boulders

SubEstCandBldr

Temperature

Elev_M

Temp

WaterQuality

Conductivity

0.0 0.1 0.2 0.3

Wood

LWDens

LWCount

0.0 0.1 0.2 0.3

Steelhead MIC

Chinook MIC higher | Chinook MIC lower | Not informative | Informative for restoration