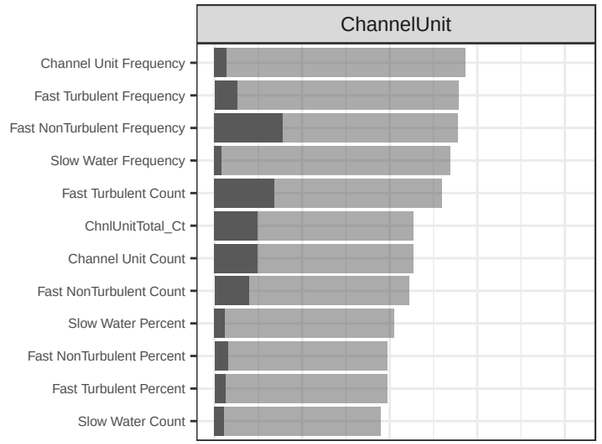
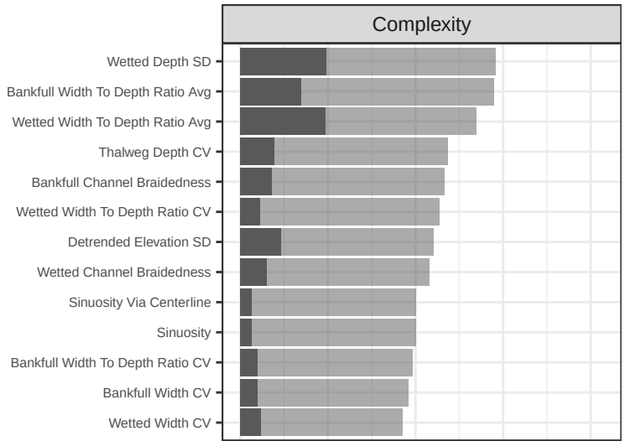
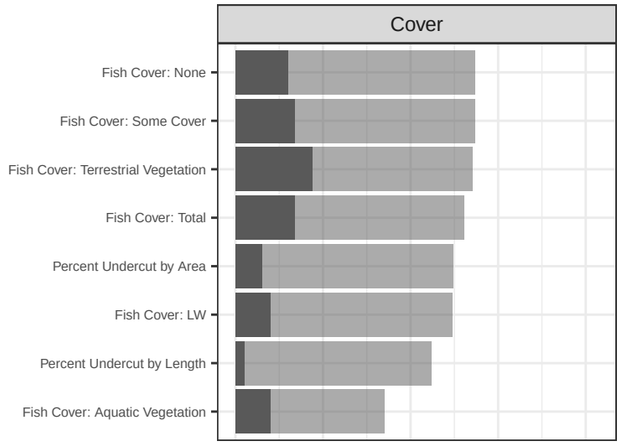
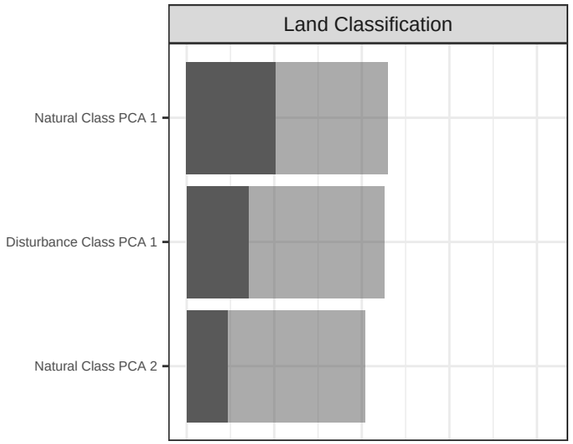
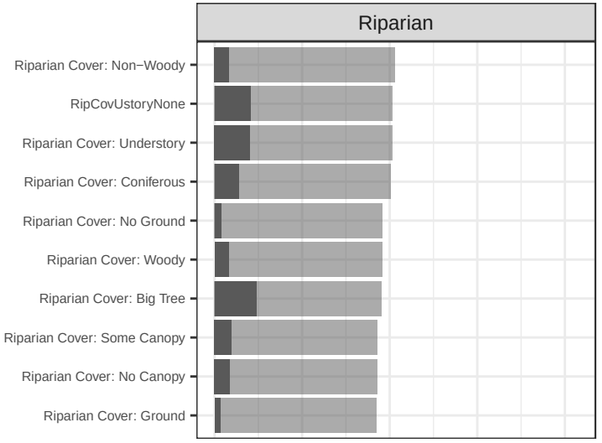
Redds

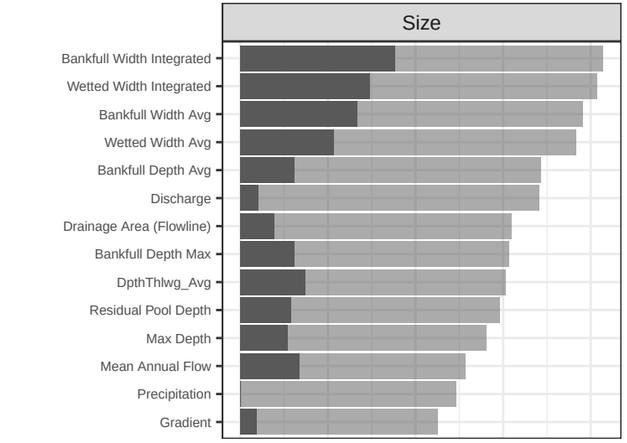


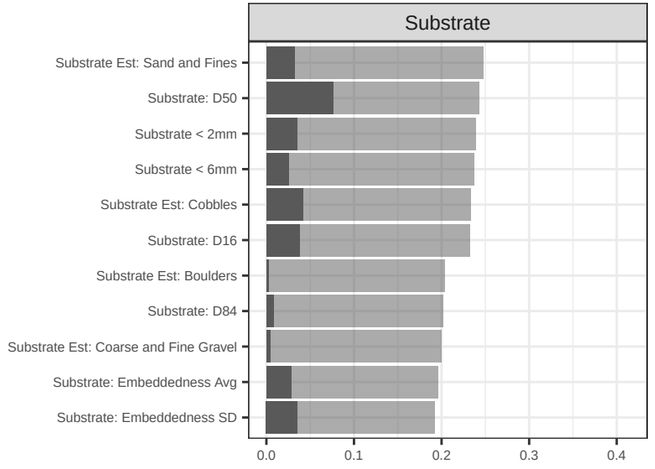


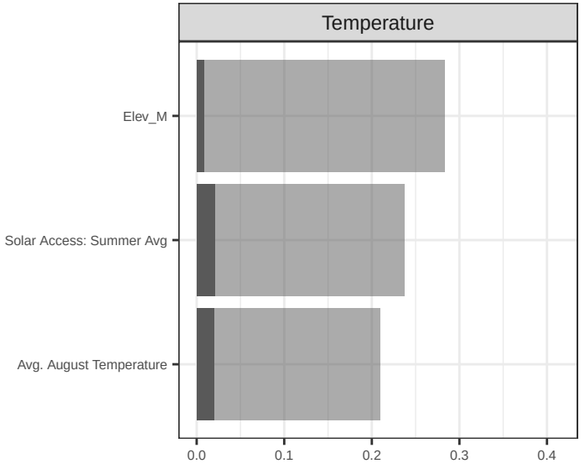


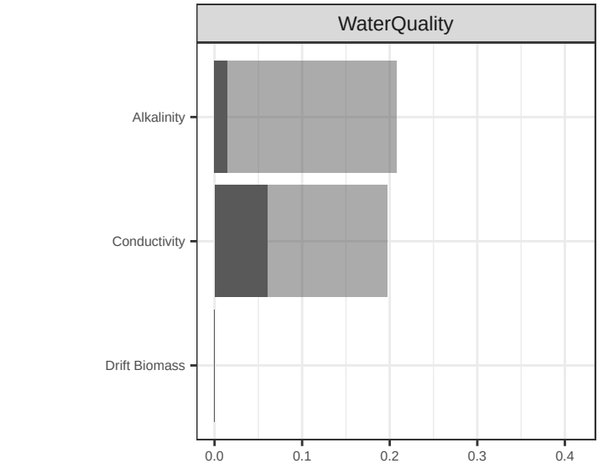


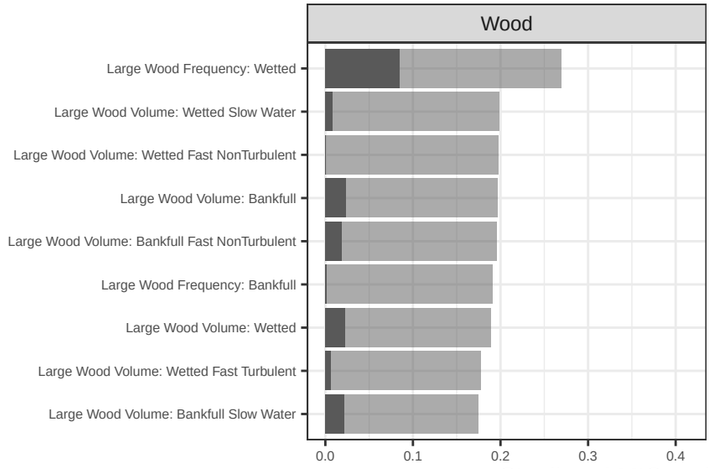






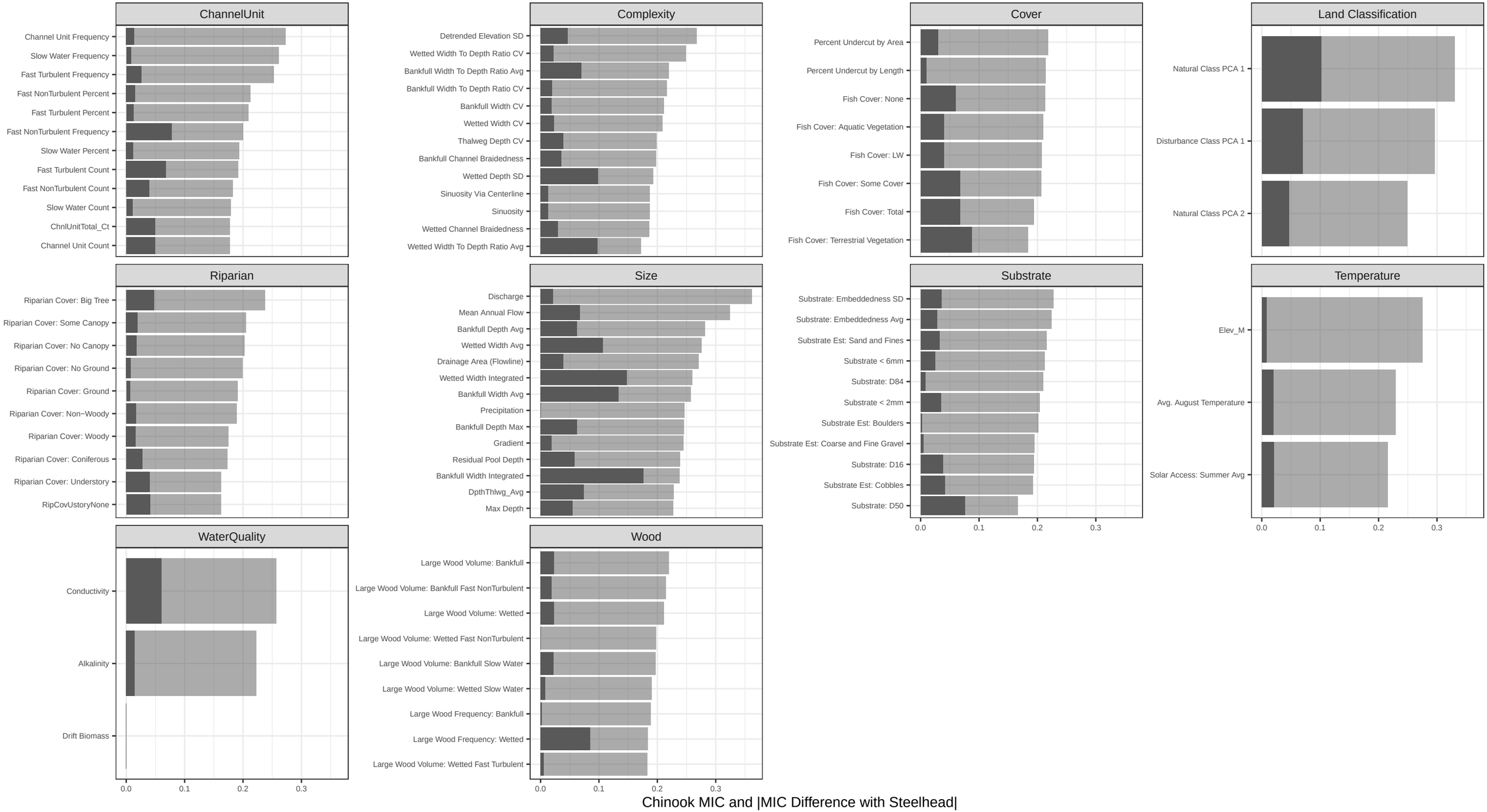


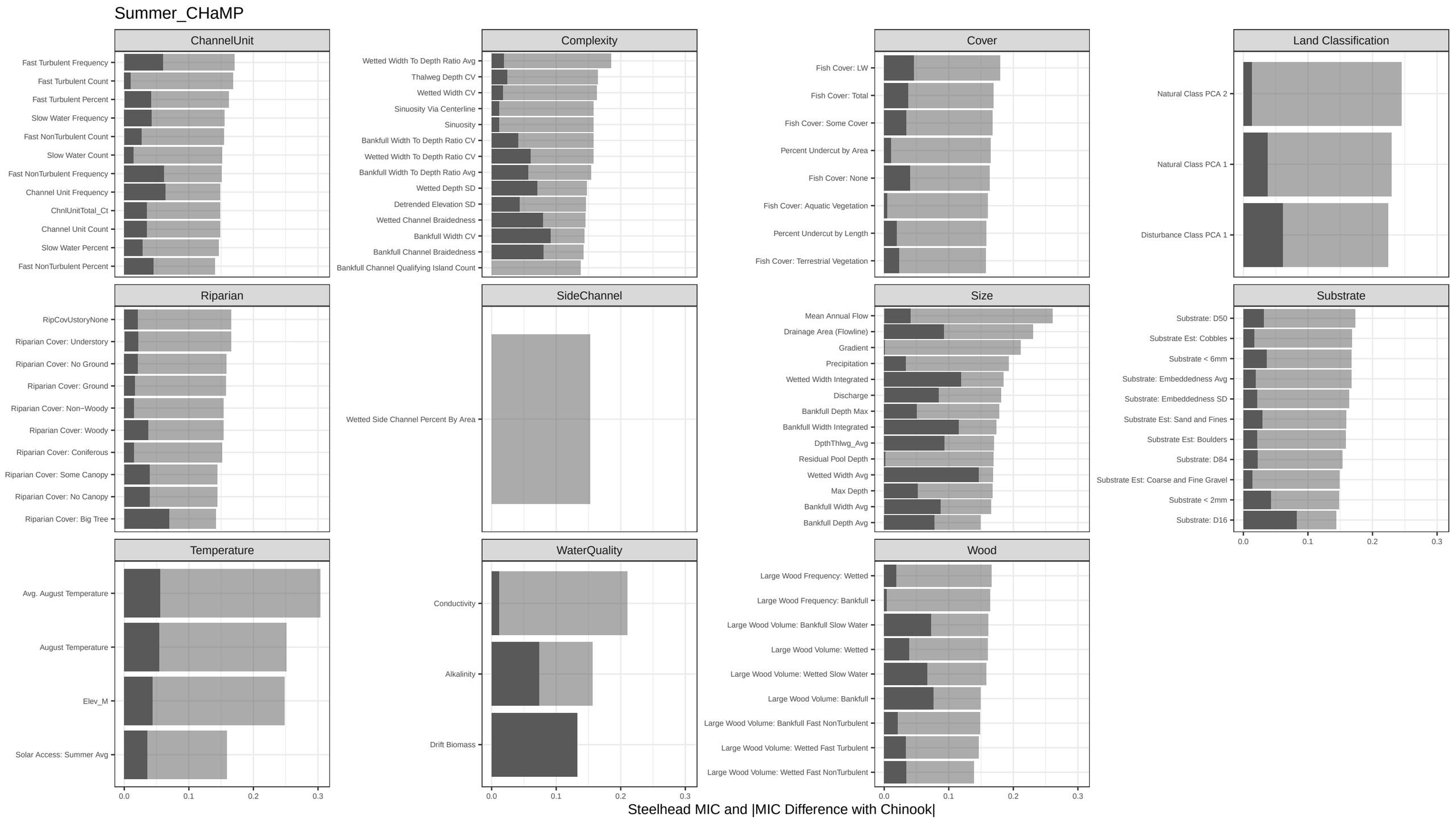


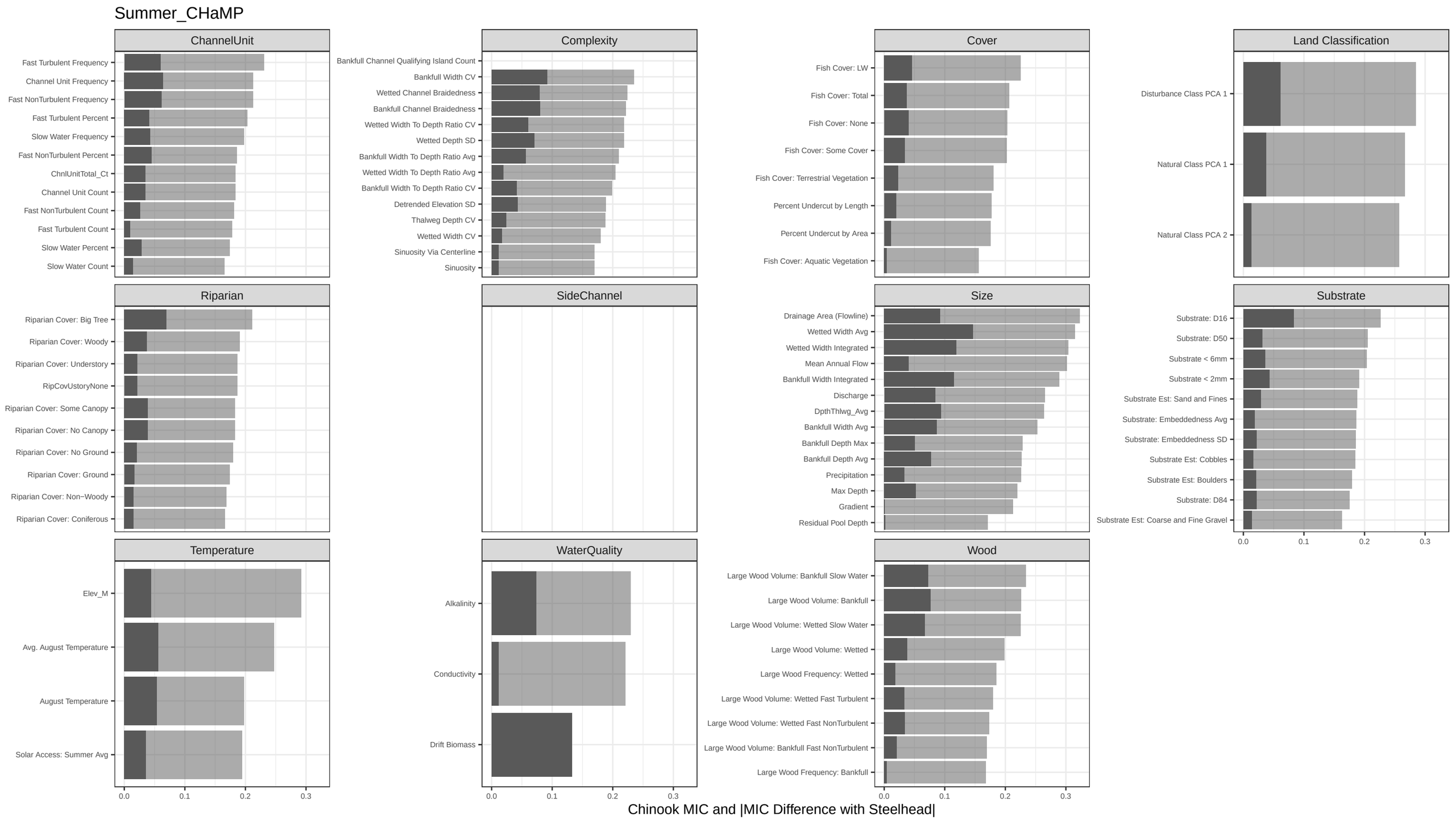


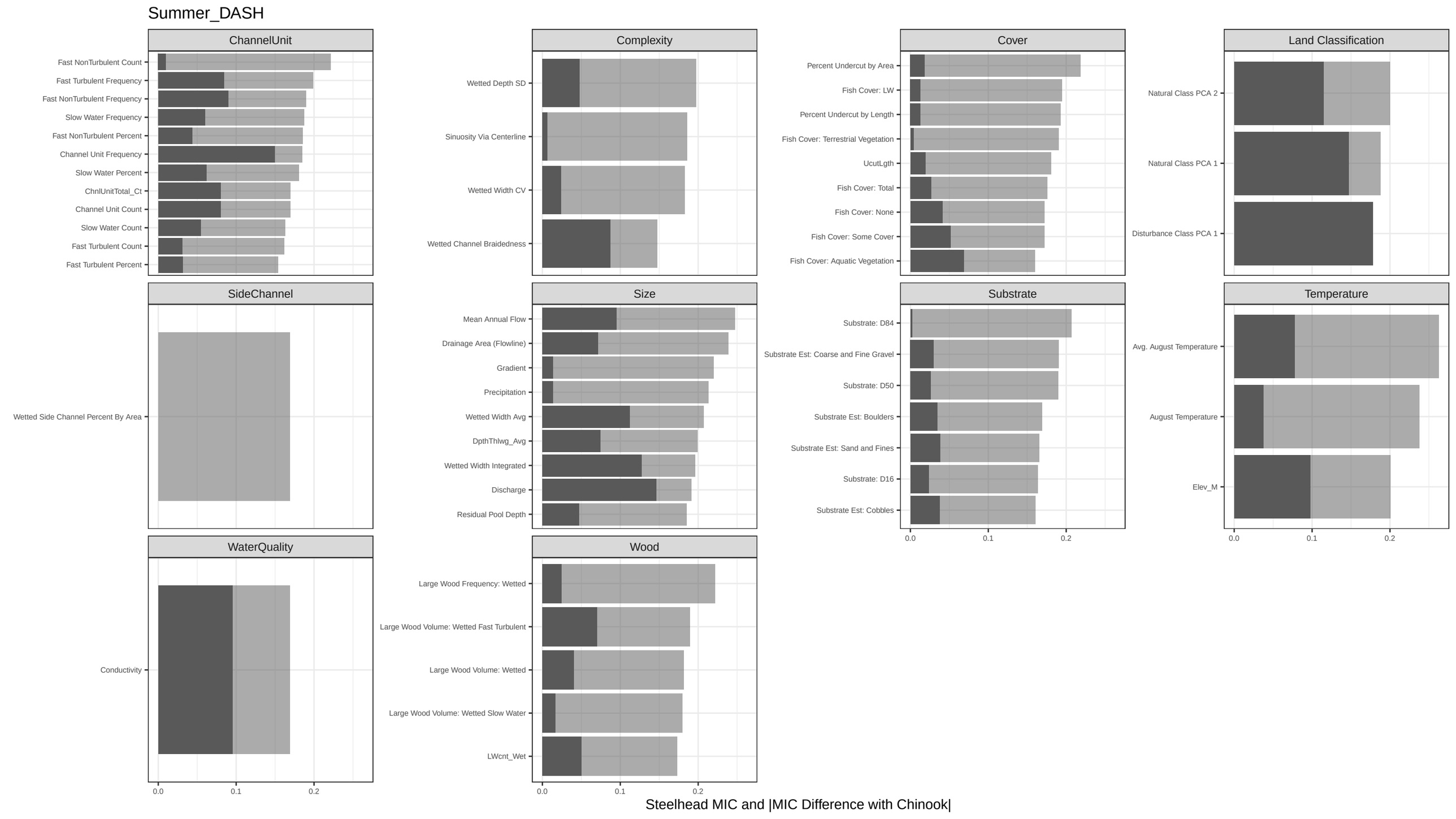
Steelhead MIC and |MIC Difference with Chinook|

Redds

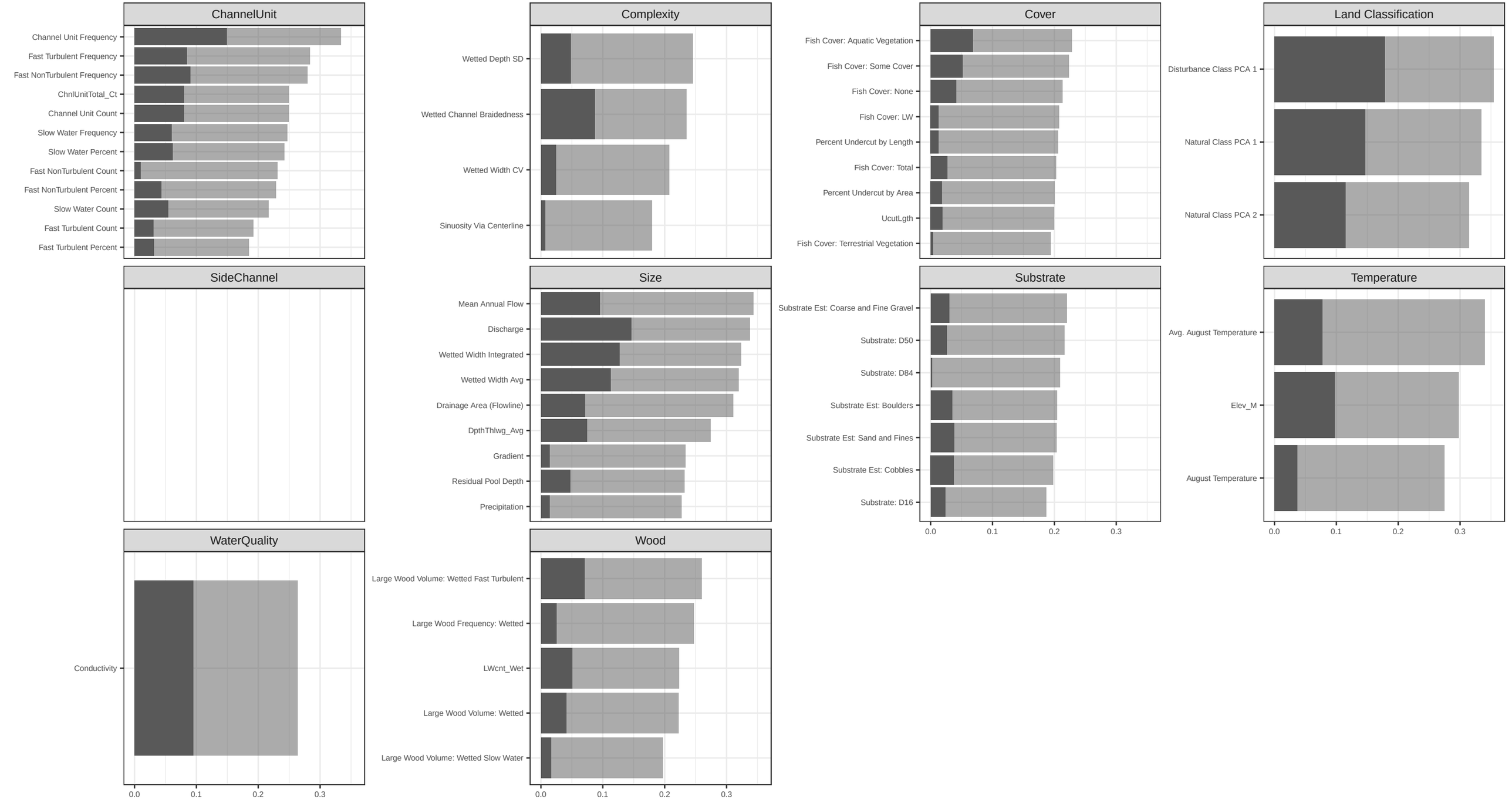

ChannelUnit
Channel Unit Frequency
Slow Water Frequency
Fast Turbulent Frequency
Fast NonTurbulent Percent
Fast Turbulent Percent
Fast NonTurbulent Frequency
Slow Water Percent
Fast Turbulent Count
Fast NonTurbulent Count
Slow Water Count
ChnlUnitTotal_Ct
Channel Unit Count
Complexity
Detrended Elevation SD
Wetted Width To Depth Ratio CV
Bankfull Width To Depth Ratio Avg
Bankfull Width To Depth Ratio CV
Bankfull Width CV
Wetted Width CV
Thalweg Depth CV
Bankfull Channel Braidedness
Wetted Depth SD
Sinuosity Via Centerline
Sinuosity
Wetted Channel Braidedness
Wetted Width To Depth Ratio Avg
Cover
Percent Undercut by Area
Percent Undercut by Length
Fish Cover: None
Fish Cover: Aquatic Vegetation
Fish Cover: LW
Fish Cover: Some Cover
Fish Cover: Total
Fish Cover: Terrestrial Vegetation
Land Classification
Natural Class PCA 1
Disturbance Class PCA 1
Natural Class PCA 2
Riparian
Riparian Cover: Big Tree
Riparian Cover: Some Canopy
Riparian Cover: No Canopy
Riparian Cover: No Ground
Riparian Cover: Ground
Riparian Cover: Non−Woody
Riparian Cover: Woody
Riparian Cover: Coniferous
Riparian Cover: Understory
RipCovUstoryNone
Size
Discharge
Mean Annual Flow
Bankfull Depth Avg
Wetted Width Avg
Drainage Area (Flowline)
Wetted Width Integrated
Bankfull Width Avg
Precipitation
Bankfull Depth Max
Gradient
Residual Pool Depth
Bankfull Width Integrated
DpthThlwg_Avg
Max Depth
Substrate
Substrate: Embeddedness SD
Substrate: Embeddedness Avg
Substrate Est: Sand and Fines
Substrate < 6mm
Substrate: D84
Substrate < 2mm
Substrate Est: Boulders
Substrate Est: Coarse and Fine Gravel
Substrate: D16
Substrate Est: Cobbles
Substrate: D50
0.0
0.1
0.2
0.3
Temperature
Elev_M
Avg. August Temperature
Solar Access: Summer Avg
0.0
0.1
0.2
0.3
WaterQuality
Conductivity
Alkalinity
Drift Biomass
0.0
0.1
0.2
0.3
Wood
Large Wood Volume: Bankfull
Large Wood Volume: Bankfull Fast NonTurbulent
Large Wood Volume: Wetted
Large Wood Volume: Wetted Fast NonTurbulent
Large Wood Volume: Bankfull Slow Water
Large Wood Volume: Wetted Slow Water
Large Wood Frequency: Bankfull
Large Wood Frequency: Wetted
Large Wood Volume: Wetted Fast Turbulent
0.0
0.1
0.2
0.3
Chinook MIC and |MIC Difference with Steelhead|


Summer_CHaMP
ChannelUnit
Fast Turbulent Frequency
Fast Turbulent Count
Fast Turbulent Percent
Slow Water Frequency
Fast NonTurbulent Count
Slow Water Count
Fast NonTurbulent Frequency
Channel Unit Frequency
ChnlUnitTotal_Ct
Channel Unit Count
Slow Water Percent
Fast NonTurbulent Percent
Complexity
Wetted Width To Depth Ratio Avg
Thalweg Depth CV
Wetted Width CV
Sinuosity Via Centerline
Sinuosity
Bankfull Width To Depth Ratio CV
Wetted Width To Depth Ratio CV
Bankfull Width To Depth Ratio Avg
Wetted Depth SD
Detrended Elevation SD
Wetted Channel Braidedness
Bankfull Width CV
Bankfull Channel Braidedness
Bankfull Channel Qualifying Island Count
Cover
Fish Cover: LW
Fish Cover: Total
Fish Cover: Some Cover
Percent Undercut by Area
Fish Cover: None
Fish Cover: Aquatic Vegetation
Percent Undercut by Length
Fish Cover: Terrestrial Vegetation
Land Classification
Natural Class PCA 2
Natural Class PCA 1
Disturbance Class PCA 1
Riparian
RipCovUstoryNone
Riparian Cover: Understory
Riparian Cover: No Ground
Riparian Cover: Ground
Riparian Cover: Non−Woody
Riparian Cover: Woody
Riparian Cover: Coniferous
Riparian Cover: Some Canopy
Riparian Cover: No Canopy
Riparian Cover: Big Tree
SideChannel
Wetted Side Channel Percent By Area
Size
Mean Annual Flow
Drainage Area (Flowline)
Gradient
Precipitation
Wetted Width Integrated
Discharge
Bankfull Depth Max
Bankfull Width Integrated
DpthThlwg_Avg
Residual Pool Depth
Wetted Width Avg
Max Depth
Bankfull Width Avg
Bankfull Depth Avg
Substrate
Substrate: D50
Substrate Est: Cobbles
Substrate < 6mm
Substrate: Embeddedness Avg
Substrate: Embeddedness SD
Substrate Est: Sand and Fines
Substrate Est: Boulders
Substrate: D84
Substrate Est: Coarse and Fine Gravel
Substrate < 2mm
Substrate: D16
0.0
0.1
0.2
0.3
Temperature
Avg. August Temperature
August Temperature
Elev_M
Solar Access: Summer Avg
WaterQuality
Conductivity
Alkalinity
Drift Biomass
Wood
Large Wood Frequency: Wetted
Large Wood Frequency: Bankfull
Large Wood Volume: Bankfull Slow Water
Large Wood Volume: Wetted
Large Wood Volume: Wetted Slow Water
Large Wood Volume: Bankfull
Large Wood Volume: Bankfull Fast NonTurbulent
Large Wood Volume: Wetted Fast Turbulent
Large Wood Volume: Wetted Fast NonTurbulent
Steelhead MIC and |MIC Difference with Chinook|

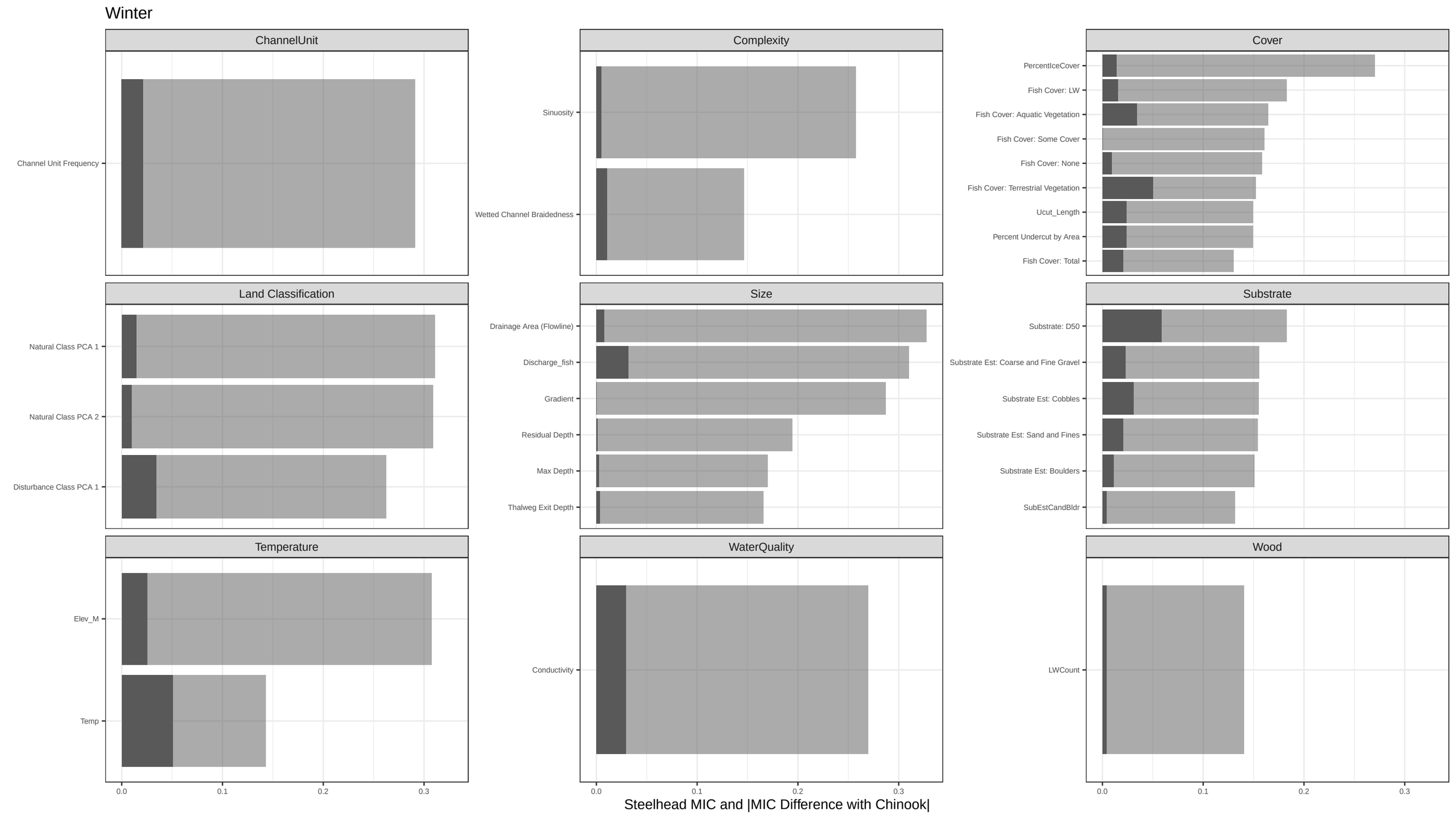

Summer_CHaMP
ChannelUnit
Fast Turbulent Frequency
Channel Unit Frequency
Fast NonTurbulent Frequency
Fast Turbulent Percent
Slow Water Frequency
Fast NonTurbulent Percent
ChnlUnitTotal_Ct
Channel Unit Count
Fast NonTurbulent Count
Fast Turbulent Count
Slow Water Percent
Slow Water Count
Complexity
Bankfull Channel Qualifying Island Count
Bankfull Width CV
Wetted Channel Braidedness
Bankfull Channel Braidedness
Wetted Width To Depth Ratio CV
Wetted Depth SD
Bankfull Width To Depth Ratio Avg
Wetted Width To Depth Ratio Avg
Bankfull Width To Depth Ratio CV
Detrended Elevation SD
Thalweg Depth CV
Wetted Width CV
Sinuosity Via Centerline
Sinuosity
Cover
Fish Cover: LW
Fish Cover: Total
Fish Cover: None
Fish Cover: Some Cover
Fish Cover: Terrestrial Vegetation
Percent Undercut by Length
Percent Undercut by Area
Fish Cover: Aquatic Vegetation
Land Classification
Disturbance Class PCA 1
Natural Class PCA 1
Natural Class PCA 2
Riparian
Riparian Cover: Big Tree
Riparian Cover: Woody
Riparian Cover: Understory
RipCovUstoryNone
Riparian Cover: Some Canopy
Riparian Cover: No Canopy
Riparian Cover: No Ground
Riparian Cover: Ground
Riparian Cover: Non−Woody
Riparian Cover: Coniferous
SideChannel
Size
Drainage Area (Flowline)
Wetted Width Avg
Wetted Width Integrated
Mean Annual Flow
Bankfull Width Integrated
Discharge
DpthThlwg_Avg
Bankfull Width Avg
Bankfull Depth Max
Bankfull Depth Avg
Precipitation
Max Depth
Gradient
Residual Pool Depth
Substrate
Substrate: D16
Substrate: D50
Substrate < 6mm
Substrate < 2mm
Substrate Est: Sand and Fines
Substrate: Embeddedness Avg
Substrate: Embeddedness SD
Substrate Est: Cobbles
Substrate Est: Boulders
Substrate: D84
Substrate Est: Coarse and Fine Gravel
0.0
0.1
0.2
0.3
Temperature
Elev_M
Avg. August Temperature
August Temperature
Solar Access: Summer Avg
WaterQuality
Alkalinity
Conductivity
Drift Biomass
Wood
Large Wood Volume: Bankfull Slow Water
Large Wood Volume: Bankfull
Large Wood Volume: Wetted Slow Water
Large Wood Volume: Wetted
Large Wood Frequency: Wetted
Large Wood Volume: Wetted Fast Turbulent
Large Wood Volume: Wetted Fast NonTurbulent
Large Wood Volume: Bankfull Fast NonTurbulent
Large Wood Frequency: Bankfull
Chinook MIC and |MIC Difference with Steelhead|


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 and |MIC Difference with Chinook|

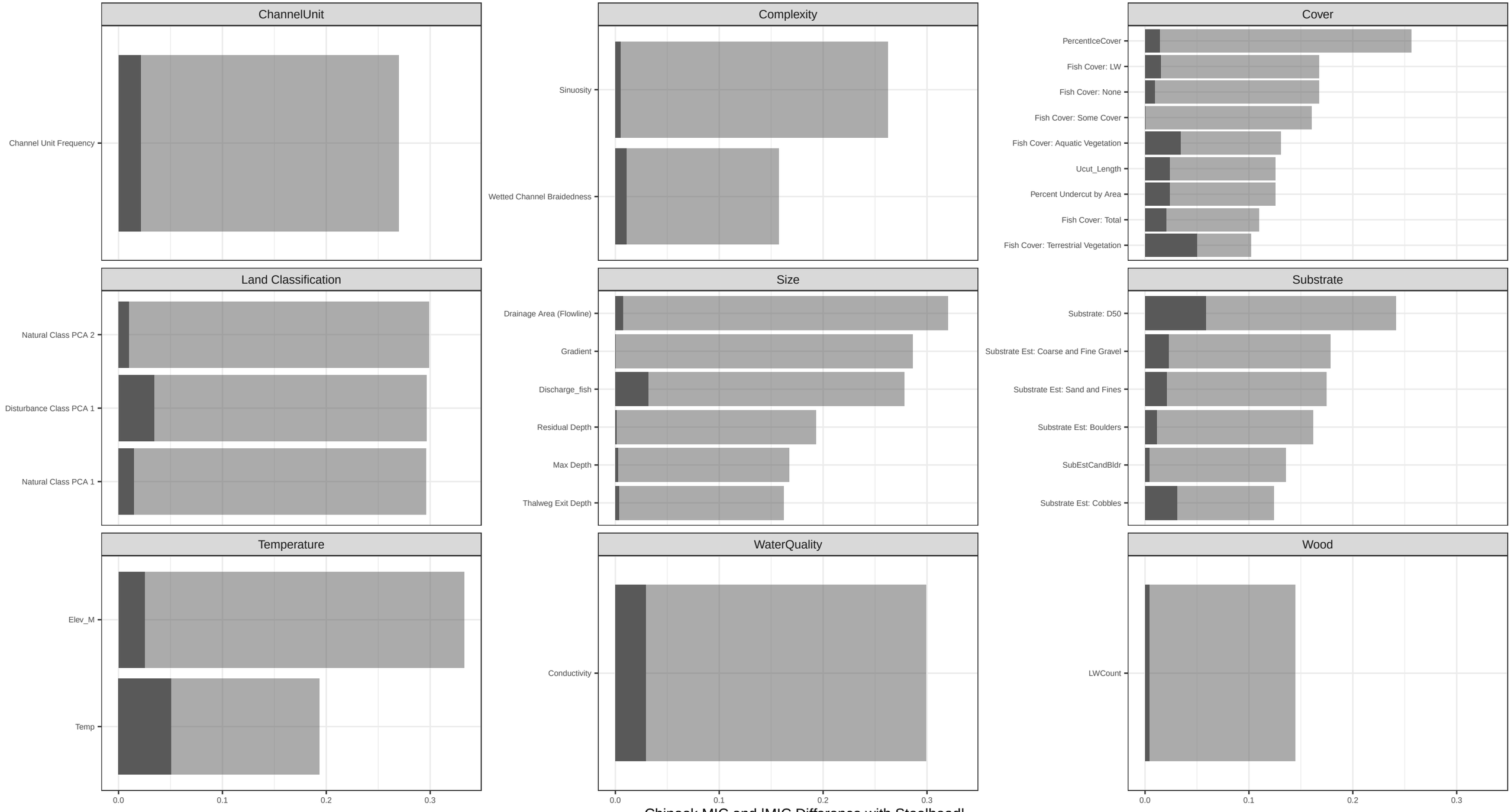
Summer_DASH



Chinook MIC and |MIC Difference with Steelhead|


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
Wood
LWCount
0.0
0.1
0.2
0.3
Steelhead MIC and |MIC Difference with Chinook|

Winter


ChannelUnit
Channel Unit Frequency
Complexity
Sinuosity
Wetted Channel Braidedness
Cover
PercentIceCover
Fish Cover: LW
Fish Cover: None
Fish Cover: Some Cover
Fish Cover: Aquatic Vegetation
Ucut_Length
Percent Undercut by Area
Fish Cover: Total
Fish Cover: Terrestrial Vegetation
Land Classification
Natural Class PCA 2
Disturbance Class PCA 1
Natural Class PCA 1
Size
Drainage Area (Flowline)
Gradient
Discharge_fish
Residual Depth
Max Depth
Thalweg Exit Depth
Substrate
Substrate: D50
Substrate Est: Coarse and Fine Gravel
Substrate Est: Sand and Fines
Substrate Est: Boulders
SubEstCandBldr
Substrate Est: Cobbles
Temperature
Elev_M
Temp
WaterQuality
Conductivity
Wood
LWCount
0.0
0.1
0.2
0.3
Chinook MIC and |MIC Difference with Steelhead|