Weighted Cumulative SHAP Values

Legend: FBL01, FBL02, ETNA01, ETNA02, MONZ04, MONZ05, WG01, WG02, WG04, GRS02, GRS03, ANS02, ANS03, ANS04, ANS05

Weighted Cumulative Importance of Feature Statistics

Sum of Importances vs. $\#$, 10th, 25th, 50th, 75th, 90th, σ, mean, sum

Weighted Cumulative Importance of Strain Components

Sum of Importances vs. Contraction, Dilation, Shear

Weighted Cumulative Importance of Top 9 Features

Sum of Importances vs. Dilation mean, Dilation sum, Contraction num, Contraction sum, Dilation 75th, Shear std, Dilation 50th, Dilation num, Shear 50th