## **Average Promoter Structural Constraint** geneType **s**SD **w**GD **s** Singletons\_in\_ComplementCluster Singletons\_in\_WGDCluster-Gene Cluster Type Singletons\_in\_SSDCluster-WGD\_in\_WGDCluster -WGD\_in\_SSDCluster -SSD in WGDCluster-SSD\_in\_SSDCluster 0.0 2.5 5.0 Mean Structural Constraint