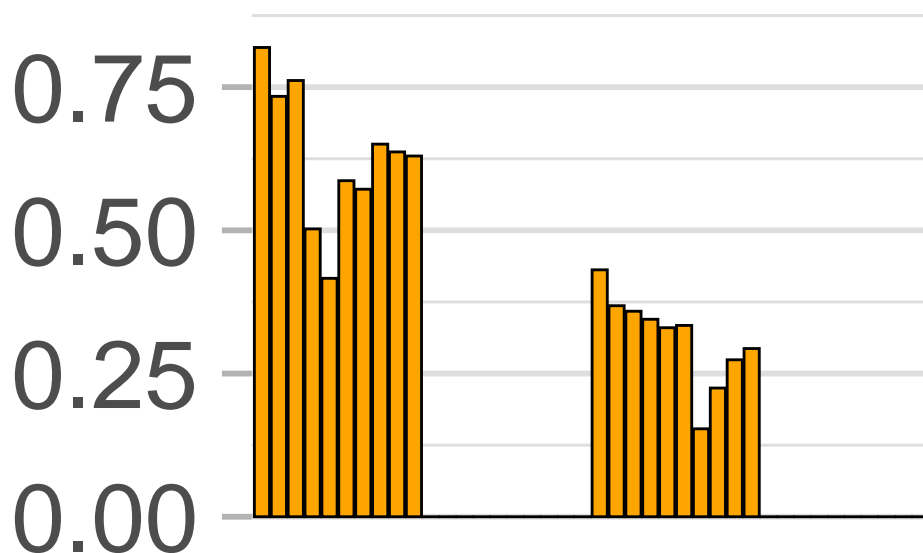
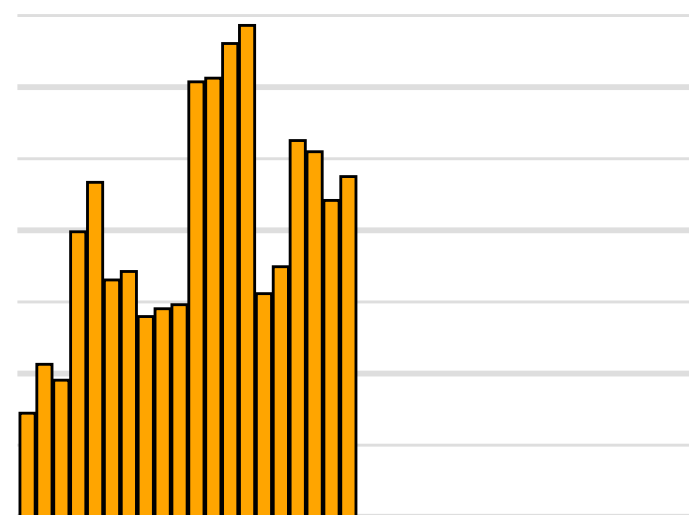


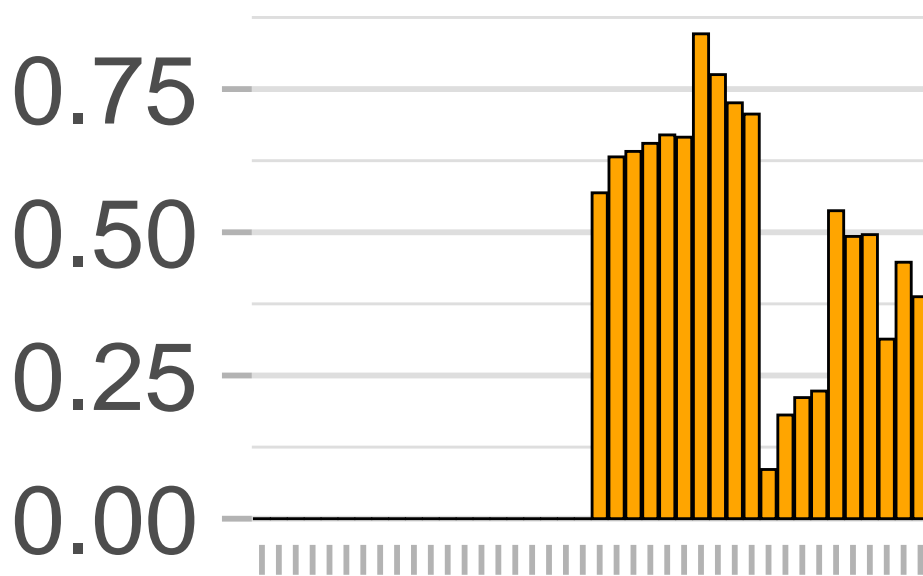
# Pattern 1



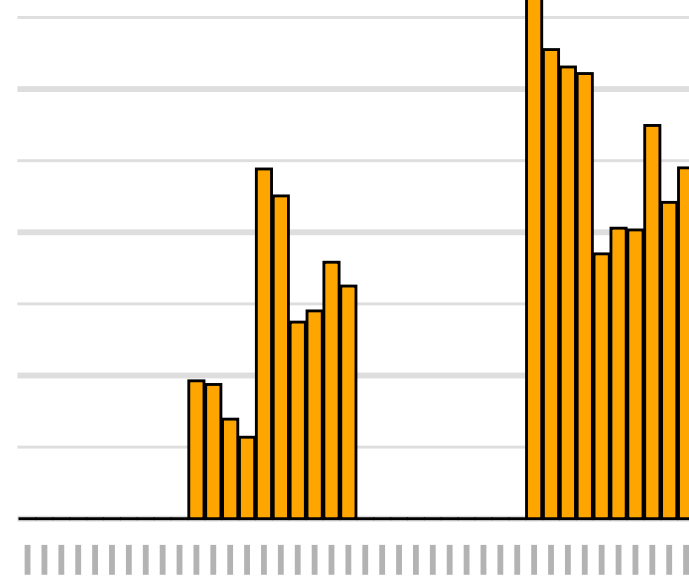
# Pattern 2



# Pattern 3



# Pattern 4



Simulated Loadings

Simulated Chemicals