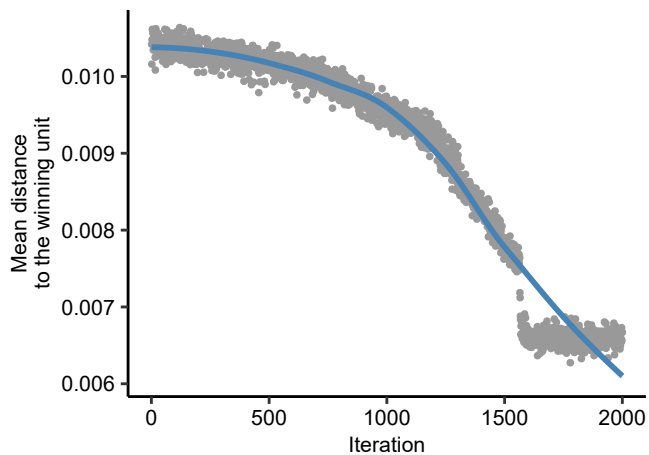
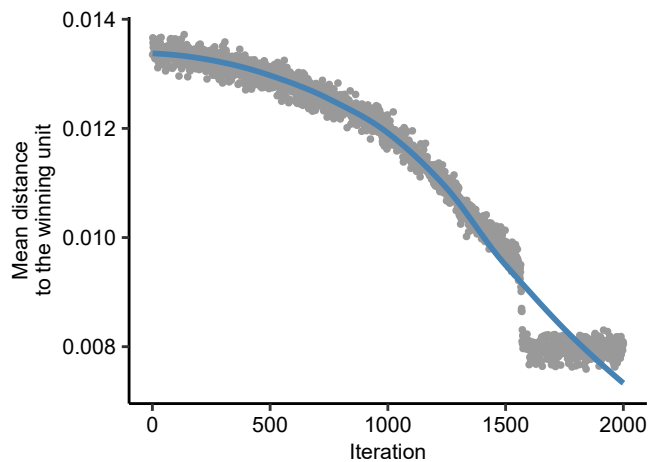
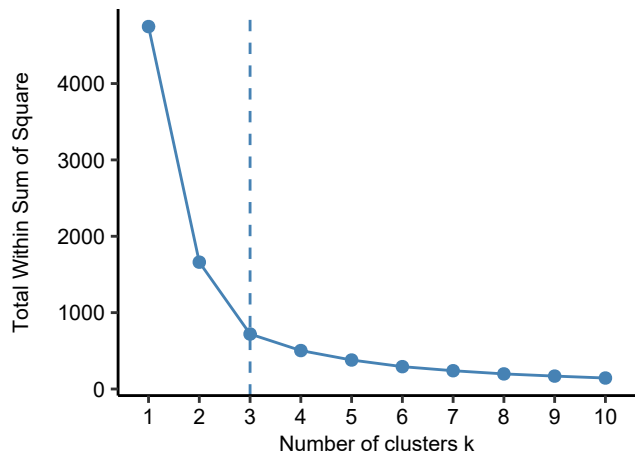
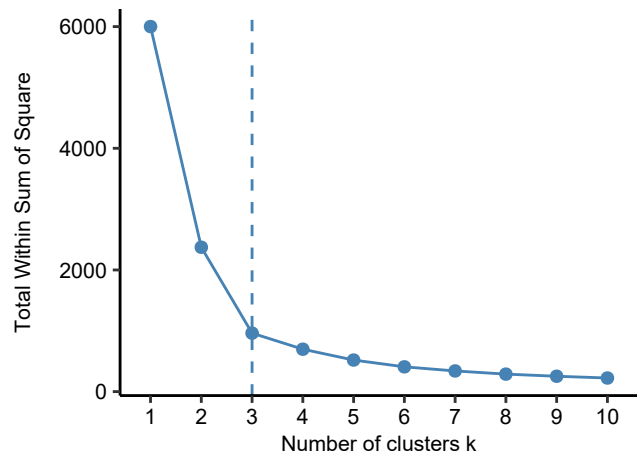
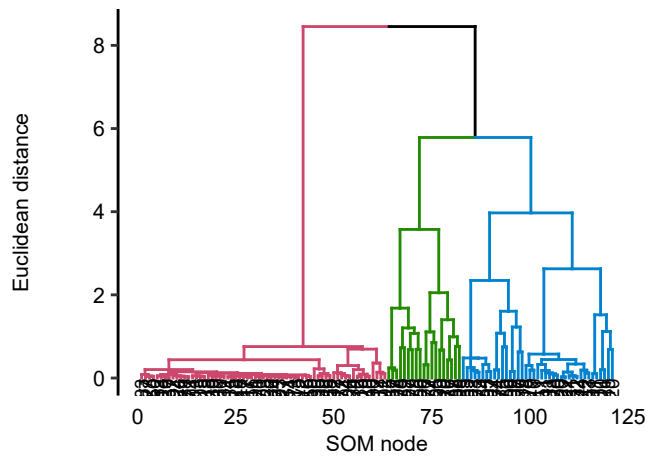


**A****AT: SOM training process****IT: SOM training process****C****AT: optimal cluster number**

Hierarchical clustering, euclidean distance, ward.D2 met

**IT: optimal cluster number**

Hierarchical clustering, euclidean distance, ward.D2 met

**D****AT: hierarchical clustering dendrogram****IT: hierarchical clustering dendrogram**