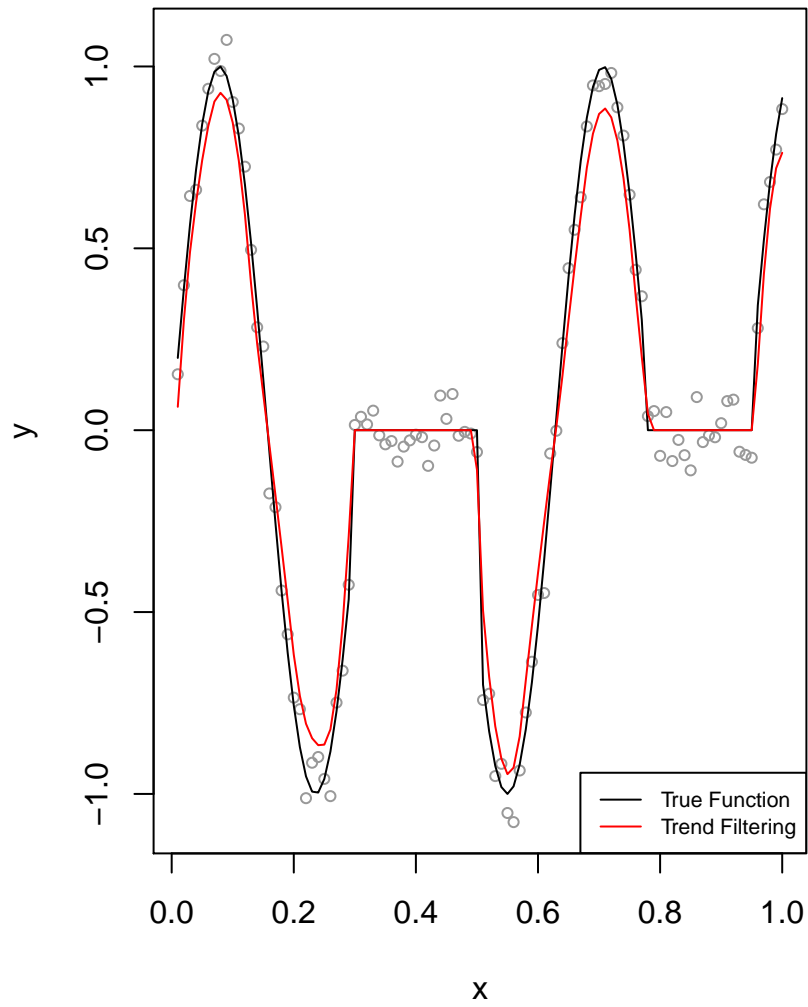**Sparse Trend Filtering**

Mixed Trend Filtering

Legend:
— True Function
— Trend Filtering