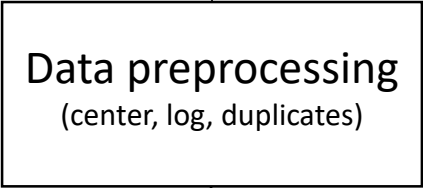
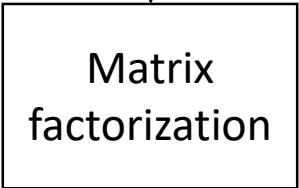


Transcriptome dataset X

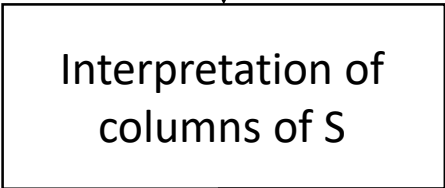


Data X transformed



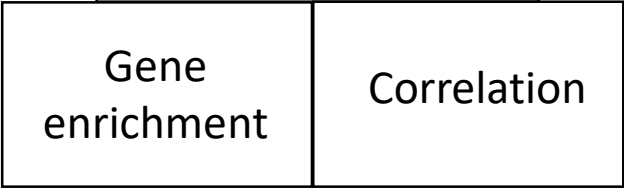
A mixing matrix

S source matrix

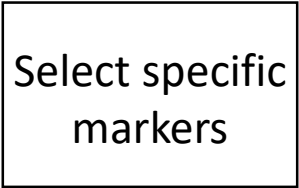


Reference pathways,  
gene signatures

Reference metagenes

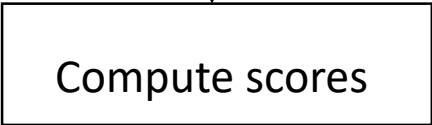


Selected components  
labelled as cell types



Dataset X (counts)

List of marker genes for  
each component



Abundance of cell types



User inputs



Inputs included  
in the package



Outputs