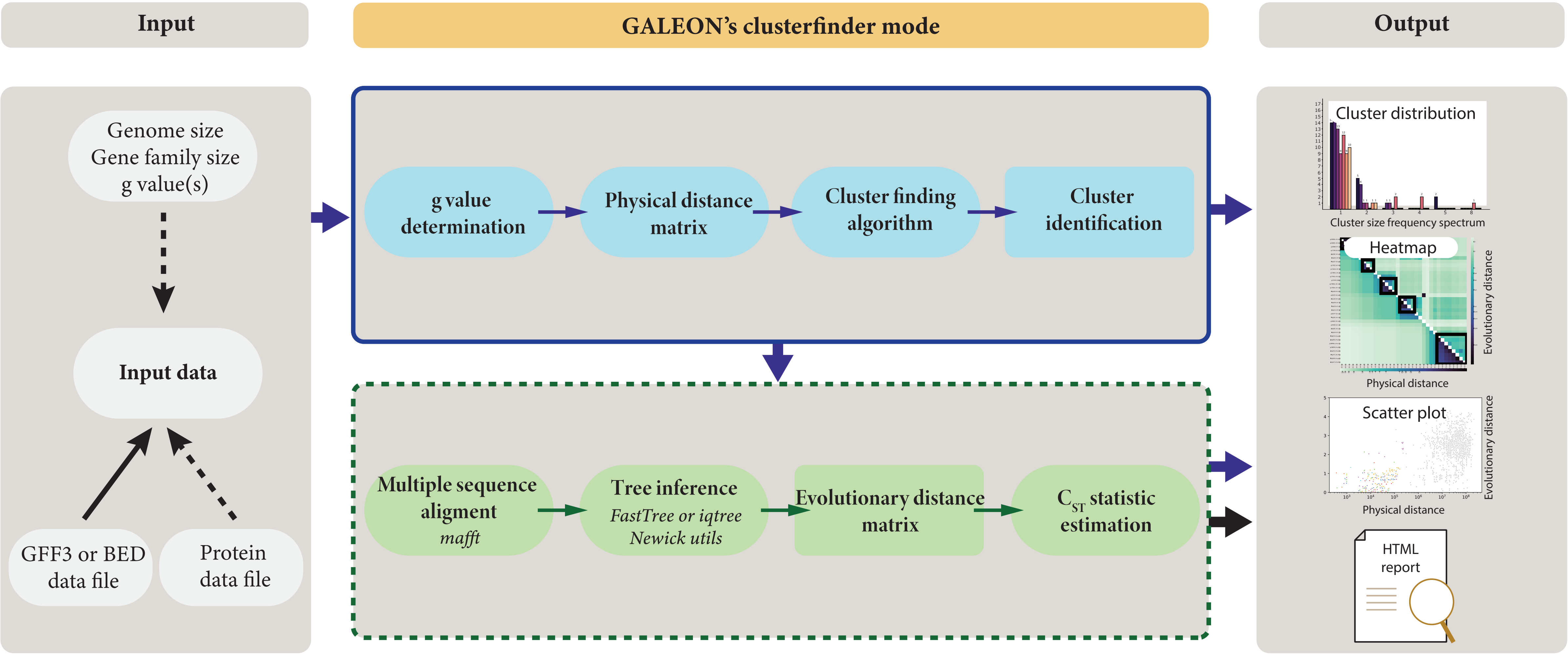
Input
GALEON's clusterfinder mode
Output
Genome size
Gene family size
g value(s)
Input data
GFF3 or BED data file
Protein data file
g value determination
Physical distance matrix
Cluster finding algorithm
Cluster identification
Multiple sequence aligment
mafft
Tree inference
FastTree or iqtree
Newick utils
Evolutionary distance matrix
C_{ST} statistic estimation
Cluster distribution
Cluster size frequency spectrum
Heatmap
Physical distance
Evolutionary distance
Scatter plot
Physical distance
Evolutionary distance
HTML report