HEP Top Tagger details

Step 1:

Mass drop decomposition

Step 2:

Loop over all combinations of 3 mass drop subjets

Step 3:

ΔR_{min}

Recluster with $R_{filt}=\min(0.3,\Delta R_{min}/2)$

Step 4:

Filtering: keep only the 5 leading subjets
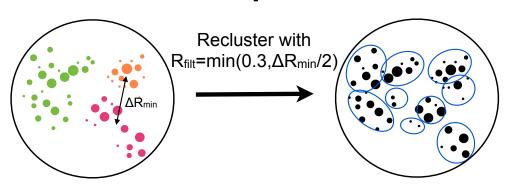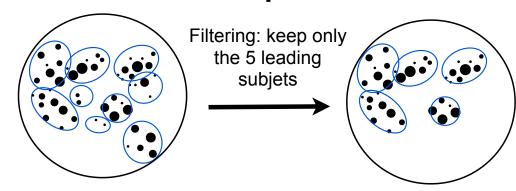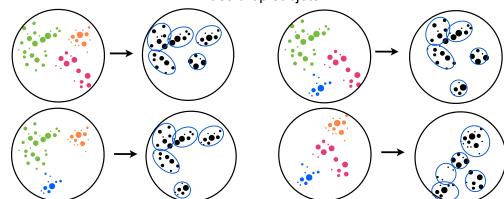
Step 5:

Repeat reclustering and filtering procedure for all combinations of 3 mass drop subjets

Step 6:

Pick the combination with filtered mass closest to the top mass. Recluster to force 3 subjets