

Wish / check list — what is needed for each analysis

Implementation

- Clear description of all the **cuts**, incl. definition of special variables
- Efficiencies for physics objects**: electrons, muons, taus, b-tagging, mis-tagging,
- Efficiencies for “triggers”**, event cleaning,
(everything we cannot directly reproduce in the fastsim)

if some efficiency is not given explicitly, please always provide a clear reference to where to find it !!

please provide efficiency functions in numerical form (digitized plots)

Validation

- Clearly defined **benchmark points** for all SRs: SLHA or LHE files
- Exact **configuration of MC tools** (versions, run card settings, input scripts)
- Detailed cut flows** for the benchmark points, best incl. every step of (pre)selection
- Plots of **kinematic distributions** after specific cuts