

## COMPUTING METHODS IN HEP    Exercise 12    Spring 2023

(To be returned by 10:15 on Friday 28.4.)

1. Download a simulated Drell-Yan datasample from the CERN open data portal

<http://opendata.cern.ch/record/12353>.

Write a COFFEA analysis to select events passing the trigger HLT\_IsoMu24.  
Plot the pileup distribution.

2. Use the same data as in 1) and write an RDataFrame analysis to select events passing the HLT\_IsoMu24 trigger and plot the pileup distribution.

Please push your answers into your public git repository.