Reconstructed jets

Jet finding applied to tracking- and/or calorimeter-based inputs.

p_T-density-based pile-up correction

Applied as a function of event pile-up p_T density and jet area.

Residual pile-up correction

Removes residual pile-up dependence, as a function of μ and N_{PV}.

Absolute MC-based calibration

Corrects jet 4-momentum to the particle-level energy scale. Both the energy and direction are calibrated.

Global sequential calibration

Reduces flavour dependence and energy leakage effects using calorimeter, track, and muon-segment variables.

Residual *in situ* calibration

*A residual calibration is applied **only to data** to correct for data/MC differences.*