Vertical Sums

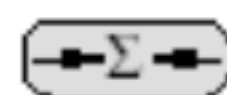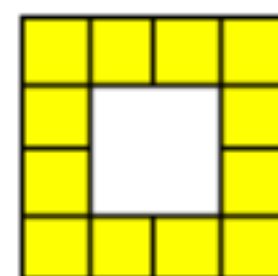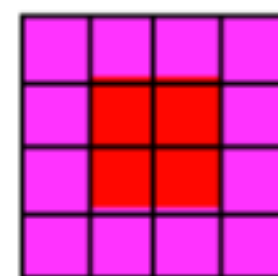**Horizontal Sums**

De-cluster/RoI region: local maximum

Electromagnetic isolation < e.m. isolation threshold

Hadronic isolation < inner & outer isolation thresholds

Hadronic calorimeter

Electromagnetic calorimeter

Trigger towers $(\Delta\eta \times \Delta\phi = 0.1 \times 0.1)$