$$\langle R \rangle_{CAL} = \sqrt{\sum_{towers} \left[\frac{E_t^{tower}}{E_t^{jet}} \left(\Delta R(tower, jet) \right)^2 \right]}$$

$$\langle R \rangle_{TRK} = \sqrt{\sum_{tracks} \left[\frac{P_t^{tower}}{P_t^{jet}} \left(\Delta R(track, jet) \right)^2 \right]}$$