

Estimating the errors in r_{cat} via flux variability analysis

We define:

$$r_{\text{cat}} = \frac{\alpha \cdot v_i}{E_i} \quad (1)$$

$$\log(r_{\text{cat}}) = \log(\alpha) + \log(v_i) + \log(E_i) \quad (2)$$

where α is the error in flux measurement.

