V: # type I errors:

clicker: $E[V] \leq m \cdot \alpha$

FWER: $P[V \geq 1] \leq \alpha$ e.g. Bonferroni

What about $E[V]$?

Typically, would normalize:

$$E\left[\frac{V}{R}\right] \rightsquigarrow FDR$$

or use $\alpha^* = \dfrac{\text{\# tolerated errors}}{m}$ for individual tests:

$$E[V] \leq \text{\# tolerated errors.}$$