$I(S; R)$

Mutual information about stimuli carried by the response array

$syn$ (+/-)

The total amount of synergistic information arising from correlations among the elements of the response array

$I_{lin}$ (+)

The sum of the information carried by each element of the response array

$I_{cor}$ (+/-)

The overall effect of noise correlation

$I_{sig-sim}$ (-)

The reduction in total information due to signal correlation

$I_{cor-ind}$ (+/-)

The effect of stimulus independent correlations

$I_{cor-dep}$ (+)

The contribution of stimulus dependence of noise correlation