A Simpliciality, σ

0   1

B

Non-simplices, NS

Simplices, S

Ineligible simplices

$\sigma_{SF} = |S|/(|S| + |NS|)$

Simplicial Fraction, σ_{SF}

C

Hypergraph   Missing edges   Minimal simplicial complex

$\mathbf{H} = (V, E)$ $+$ $=$ $\mathbf{S} = (V, C)$

$\sigma_{ES} = |E|/|C|$

Edit Simpliciality, σ_{ES}

D

Maximal faces, F

Ineligible simplices

$\sigma_{FES} = [\sigma_{ES}(F_1) + ... + \sigma_{ES}(F_{|F|})]/|F|$

Face Edit Simpliciality, σ_{FES}