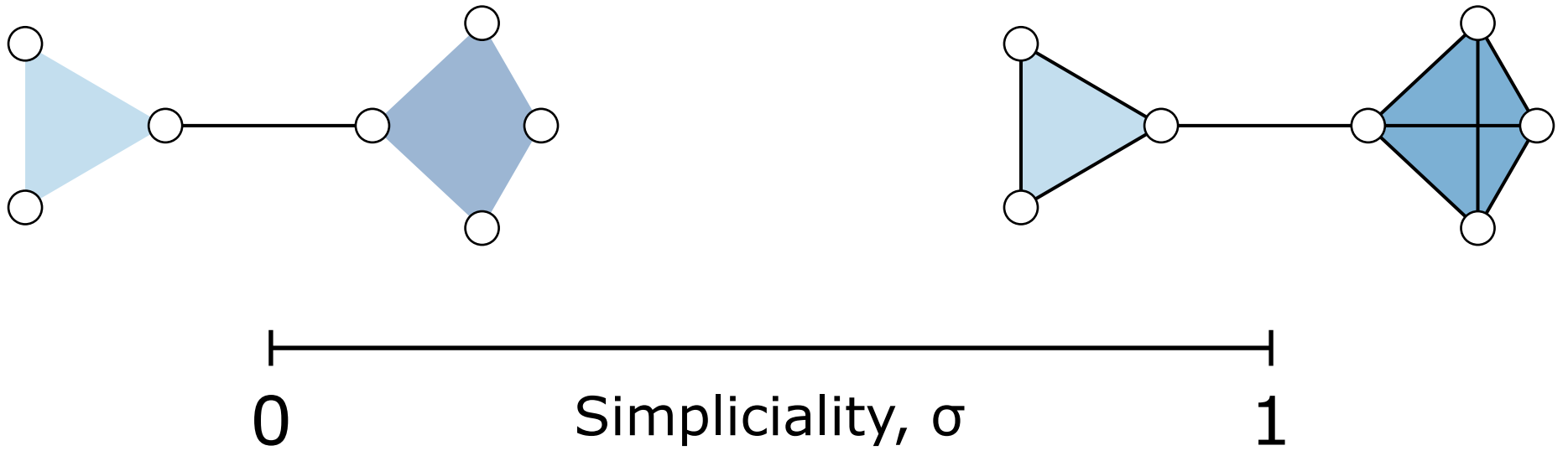
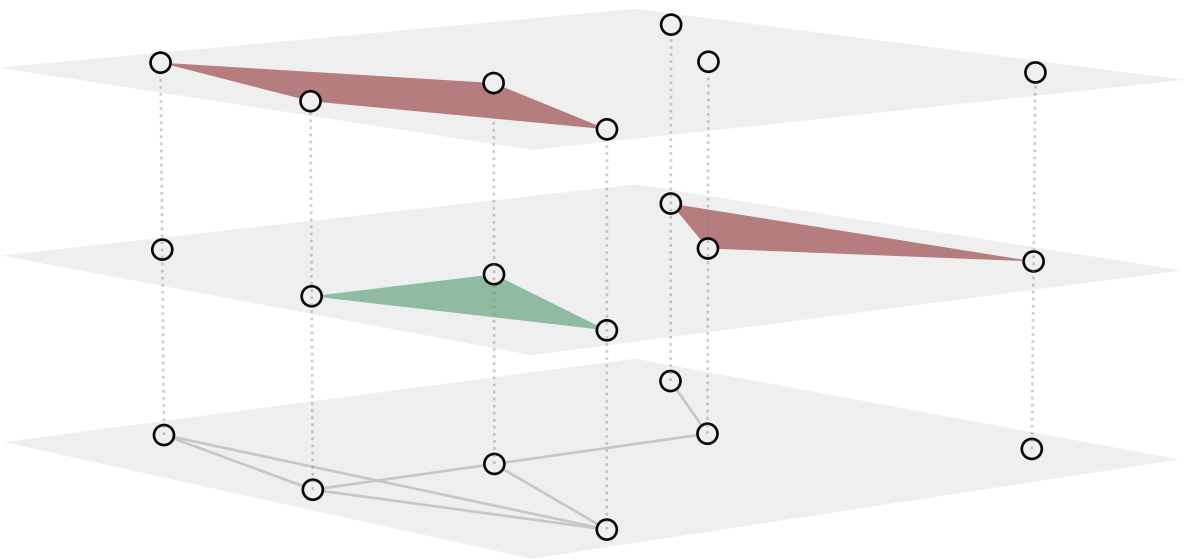


A

Non-simplices, NS

Simplices, S

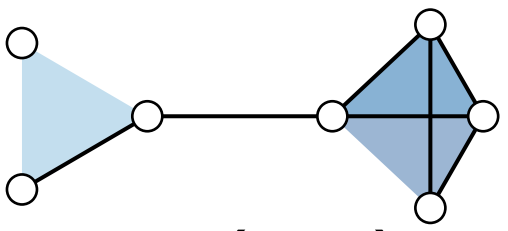
Ineligible simplices



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

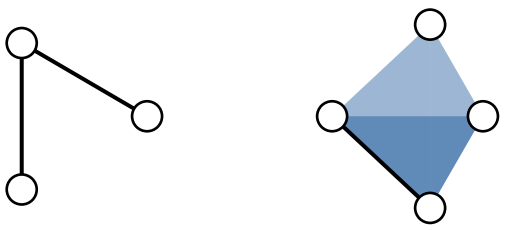
B Simplicial Fraction, σ_{SF}

Hypergraph

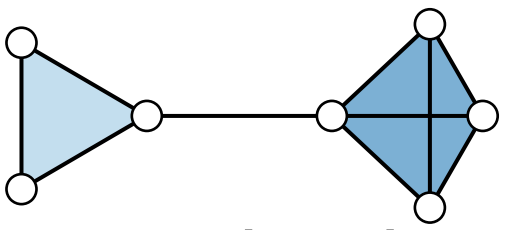


H = (V, E)

Missing edges



Minimal simplicial complex



S = (V, C)

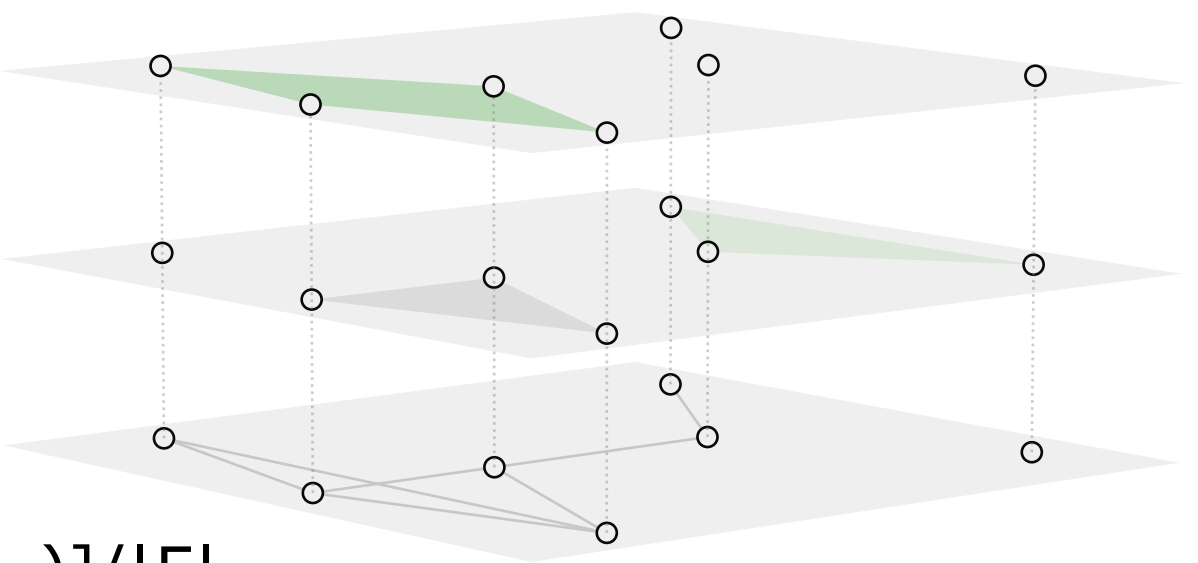
$\sigma_{ES} = (|E| - |\tilde{E}|)/(|C| - |\tilde{E}|)$

C Edit Simpliciality, σ_{ES}

$\tilde{E}$, Maximal faces

Maximal faces, F

Ineligible simplices



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

D Face Edit Simpliciality, σ_{FES}