Decomposition into flexibility and distance contributions
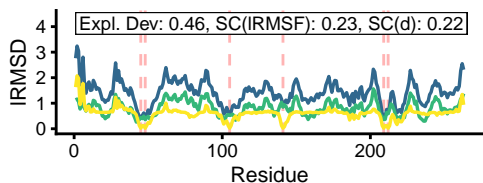
Example family: M−CSA ID = 2
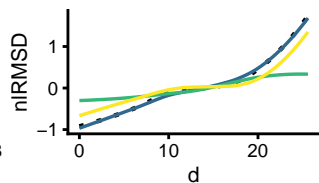
(a) Profile

Expl. Dev: 0.46, SC(lRMSF): 0.23, SC(d): 0.22
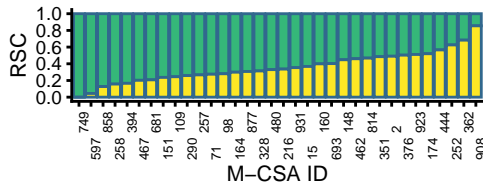
(b) Flexibility trend
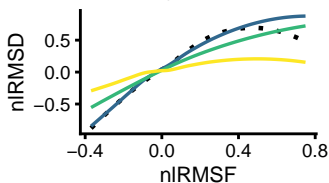
(c) Distance trend

M_{12} s_1 s_2

Aggregate results across families

(d) Relative contrib. of flex. and dist.

(e) Flexibilty contrib.

$R^2 = 0.44, p < 0.001$
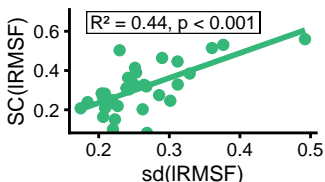
(f) Distance contrib.

$R^2 = 0.36, p < 0.001$
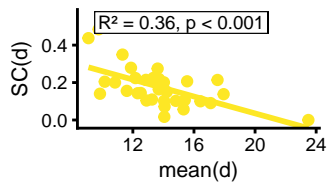
Flexibility contrib.   Distance contrib.