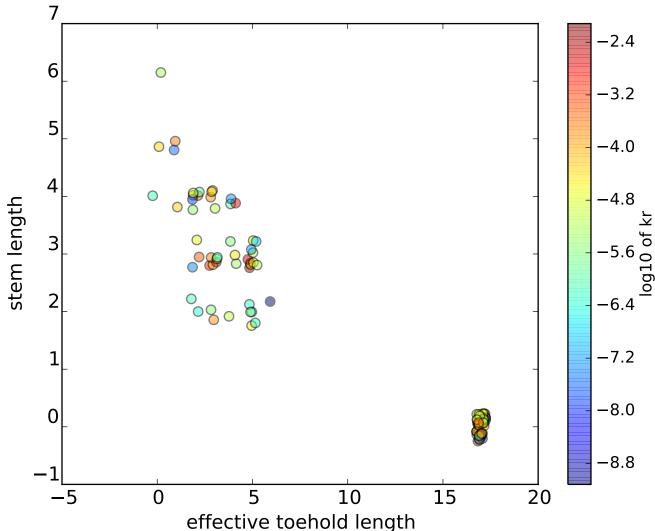
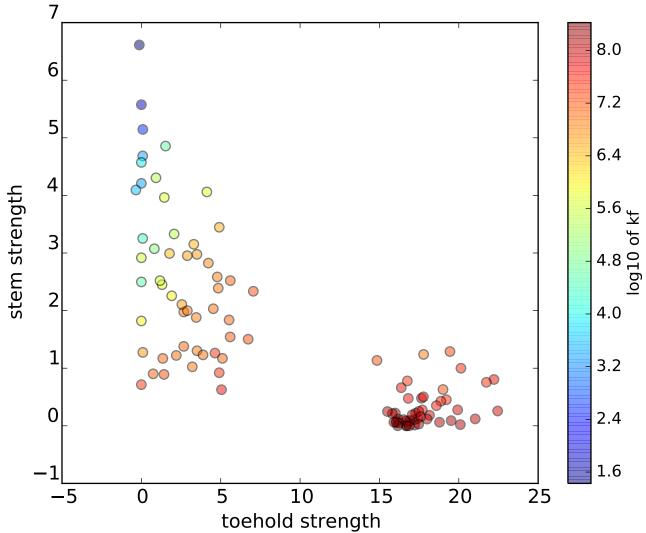


Association rates in toehold-length vs stem-length space 8.0 6 7.2 5 6.4 4 stem length 2.6 4.8 10910 of kf 3 4.0 3.2 0 2.4 1.6 0 10 15 20 effective toehold length

Disassociation rates in toehold-length vs stem-length space



Association rates in toehold-strength vs stem-strength space



Disassociation rates in toehold-strength vs stem-strength space

