

Kinetic Folder Update

Harrison LaBollita

Arizona State University

February 7, 2020



Results - bad seq dataset

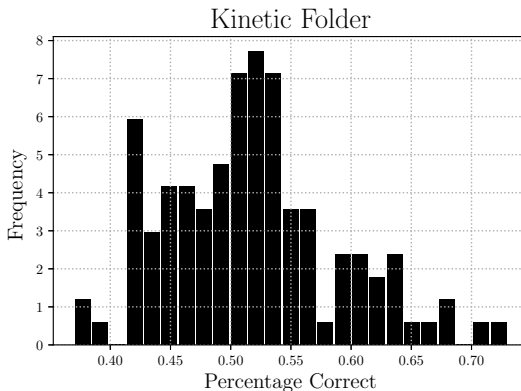
- 117 sequences
- Variable length (max: 80 ntds)

Stats	Kinetic Folder	viennaRNA
Mean	0.52	0.63
Best	0.73	0.75
Worst	0.37	0.47



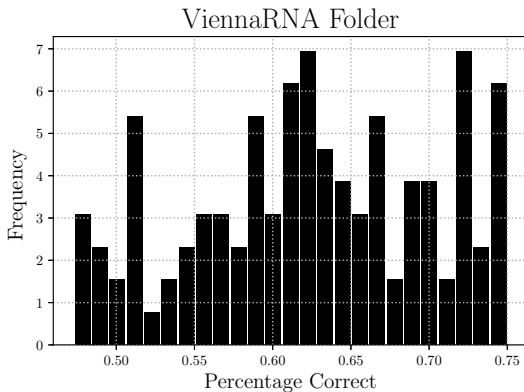
Results - kinetic folder

Mean	Best	Worst
0.52	0.73	0.37



Results - viennaRNA folder

Mean	Best	Worst
0.63	0.75	0.47



Results - pseudoknotted

- 15 sequences with pseudoknotted secondary structures¹
- Mean length: 29 ntds

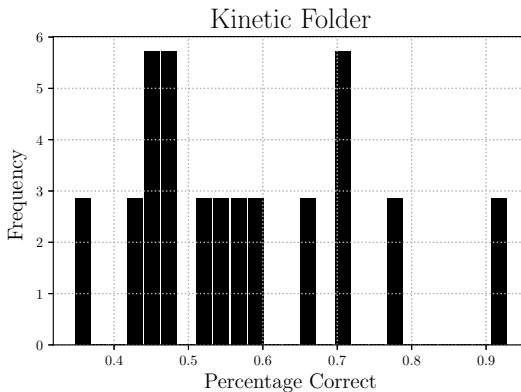
Stats	Kinetic Folder	viennaRNA
Mean	0.58	0.65
Best	0.93	0.77
Worst	0.35	0.38

¹Sequences from Pseudobase++



Results - kinetic folder

Mean	Best	Worst
0.58	0.93	0.35



Results - viennaRNA folder

Mean	Best	Worst
0.65	0.77	0.38

