

The protein folding rate and the geometry and topology of the native state-Supplementary Information

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1 Folding rates and topological parameters

In this section we present the logarithm of the experimental folding rate as a function of the Writhe of the two-state and multi-state proteins. We also present the normalized v_2 and Av_2 for two-state and multi-state proteins.

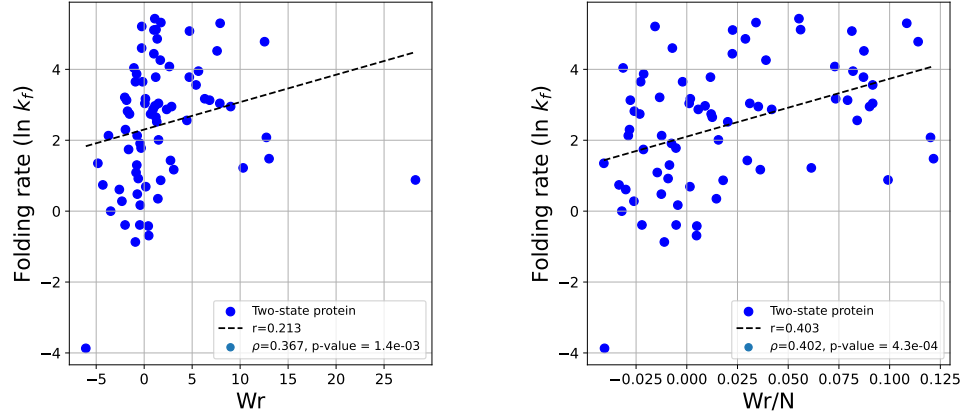


Figure S1: The protein folding rate as a function of the writhe (left) and normalized writhe (right) for two-state proteins in the data set.

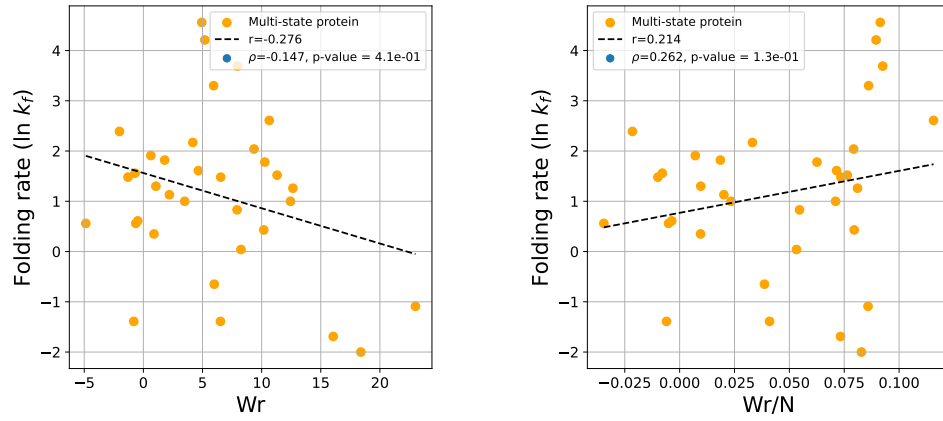


Figure S2: The protein folding rate as a function of the writhe (left) and normalized writhe (right) for multi-state proteins in the data set.

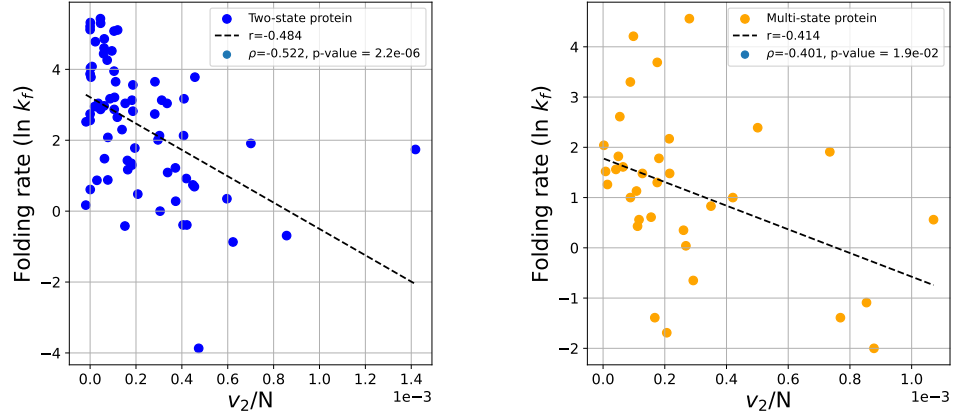


Figure S3: The protein folding rate as a function of the normalized second Vassiliev measure for 2-state (left) and mutli-state proteins (right).

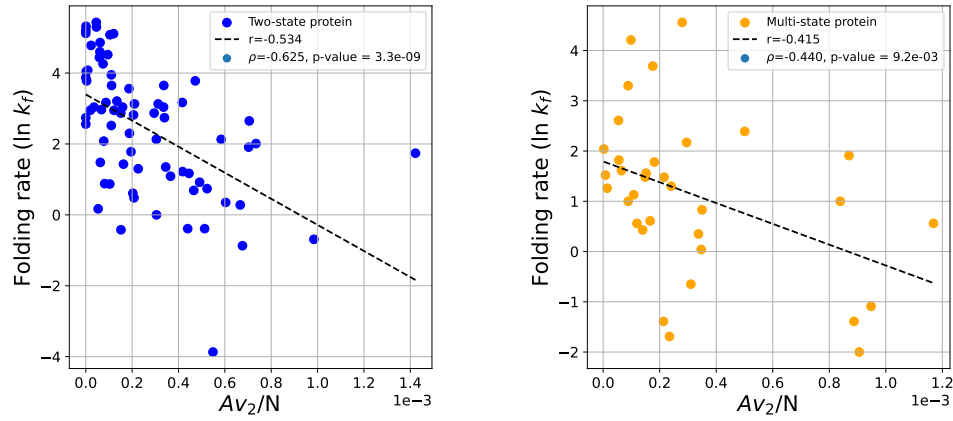


Figure S4: The protein folding rate as a function of the normalized absolute second Vassiliev measure for 2-state (left) and mutli-state proteins (right).