Hydrogen bonds Lasso Paths, state 1 Lasso Paths, state 2 1.0 -0.5 0.0 0.5-0.50.0 -1.0-0.5-3-3-1-4 $-\log(C)$ $-\log(C)$ Lasso Paths, state 3 Lasso Paths, state 4 1.5 0.0 1.0 -0.20.5-0.40.0 --0.6-0.8-0.5-2-3-2-1-3-4-4 $-\log(C)$ $-\log(C)$ Score Regularization: $-\log(C) = -1.83$ 1.0 -State 1 features hb_0-145 hb_0-146 0.8 hb_22-147 hb_36-69 0.6 State 2 features hb_91-105 hb_91-112 0.4 State 3 features hb_91-98 hb_106-112 -3-2-1-4State 4 features $-\log(C)$