Validation Curve for Ridge Regression and the alpha Parameter (Annotations display linear alpha values) 0.30 **Training Scores** Test Scores 10.00 0.20 5.00 0.01 0.25 Mean R<sup>2</sup> Score (5 Folds) 0.20 0.15 0.10 0.05 0.00 -2.0-1.5-1.0-0.5 0.0 0.5 1.0 1.5 2.0  $log_{10}$  (alpha)