Density Curves of Uncorrelated vs Correlated Distances 0.30 0.30 **Uncorrelated Data Uncorrelated Data Correlated Data Correlated Data** 0.25 0.25 0.20 0.20 0.15 0.15 Mean Mean SD SD 0.10 0.10 0.05 0.05 $\overline{r_{\mathsf{abs}}} = 0.0846$ $\overline{r_{\sf abs}} = 0.1477$ 0.00 0.00 **Density** 10 40 10 **30 50** 20 30 40 **50** 20 0.30 0.30 **Uncorrelated Data** II **Uncorrelated Data Correlated Data Correlated Data** 0.25 0.25 0.20 0.20 0.15 0.15 Mean Mean SD SD 0.10 II II 0.05 0.05 $ar{r_{\mathsf{abs}}} = 0.3130$ $ar{r}_{\sf abs} = 0.2333$ 0.00 0.00 10 **20** 30 40 **50** 10 20 30 40 **50 TiTv Distance**