Histograms of Uncorrelated vs Correlated Distances 0.020 0.020 **Uncorrelated Data Uncorrelated Data Correlated Data Correlated Data** 0.015 0.015 **Density Density** Mean Mean 0.010 0.010 SD SD 0.005 0.005 $ar{r}_{\sf abs} = 0.0909$ $ar{r}_{\sf abs} = 0.1157$ 0.000 0.000 1200 800 1000 1200 800 1000 1400 1400 Manhattan Distance (corr-ts) Manhattan Distance (corr-ts) 0.020 0.020 **Uncorrelated Data Uncorrelated Data Correlated Data Correlated Data Density** Density Mean Mean SD SD 0.005 $\overline{r}_{\sf abs} = 0.1589$ $ar{r}_{\sf abs} = 0.2136$ 0.000 0.000 800 1200 800 1000 1200 1400 1000 1400 Manhattan Distance (corr-ts) Manhattan Distance (corr-ts)