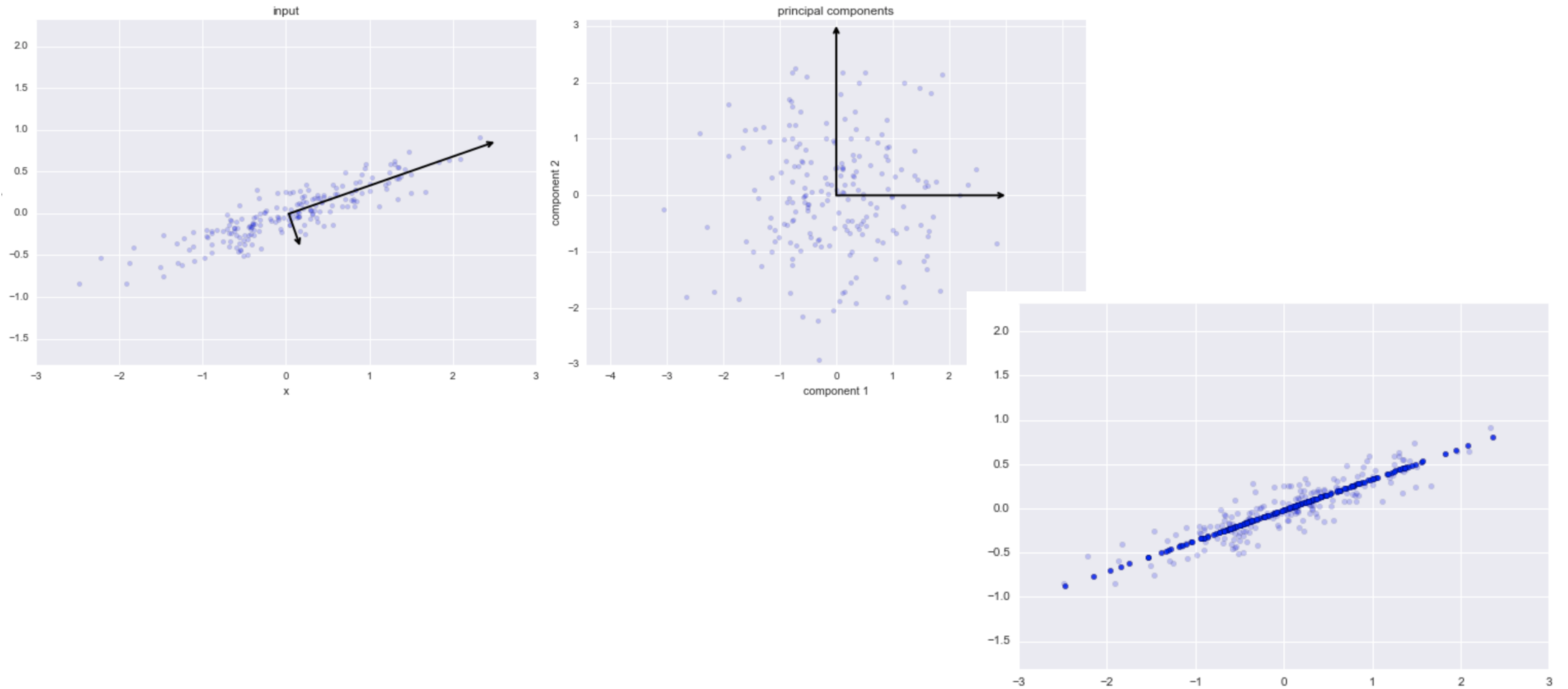


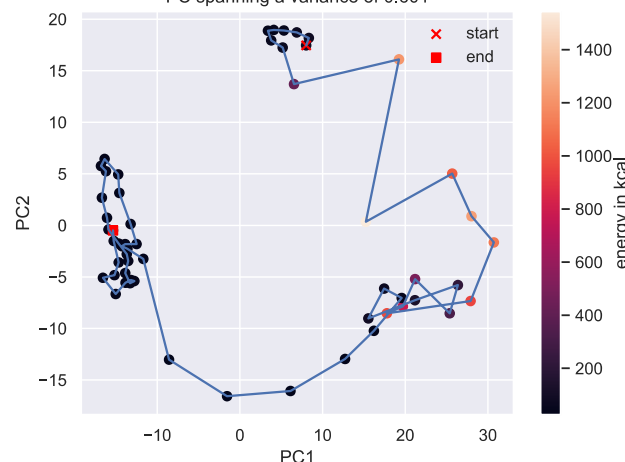
Dimensionality Reduction

Example PCA plots

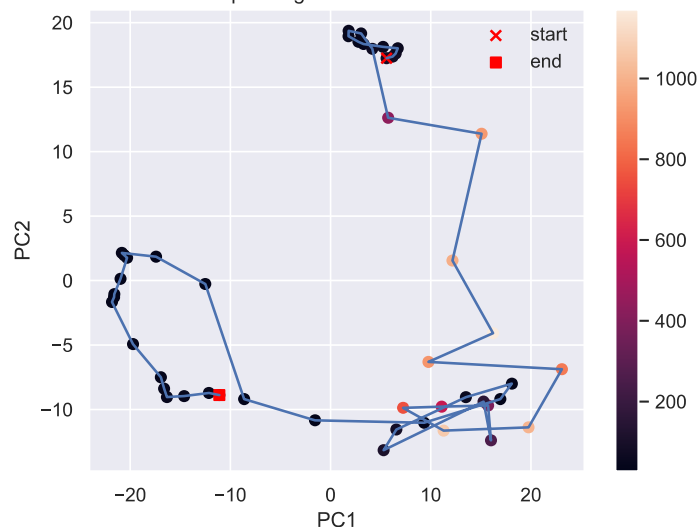


Principal components 1 and 2 with energy

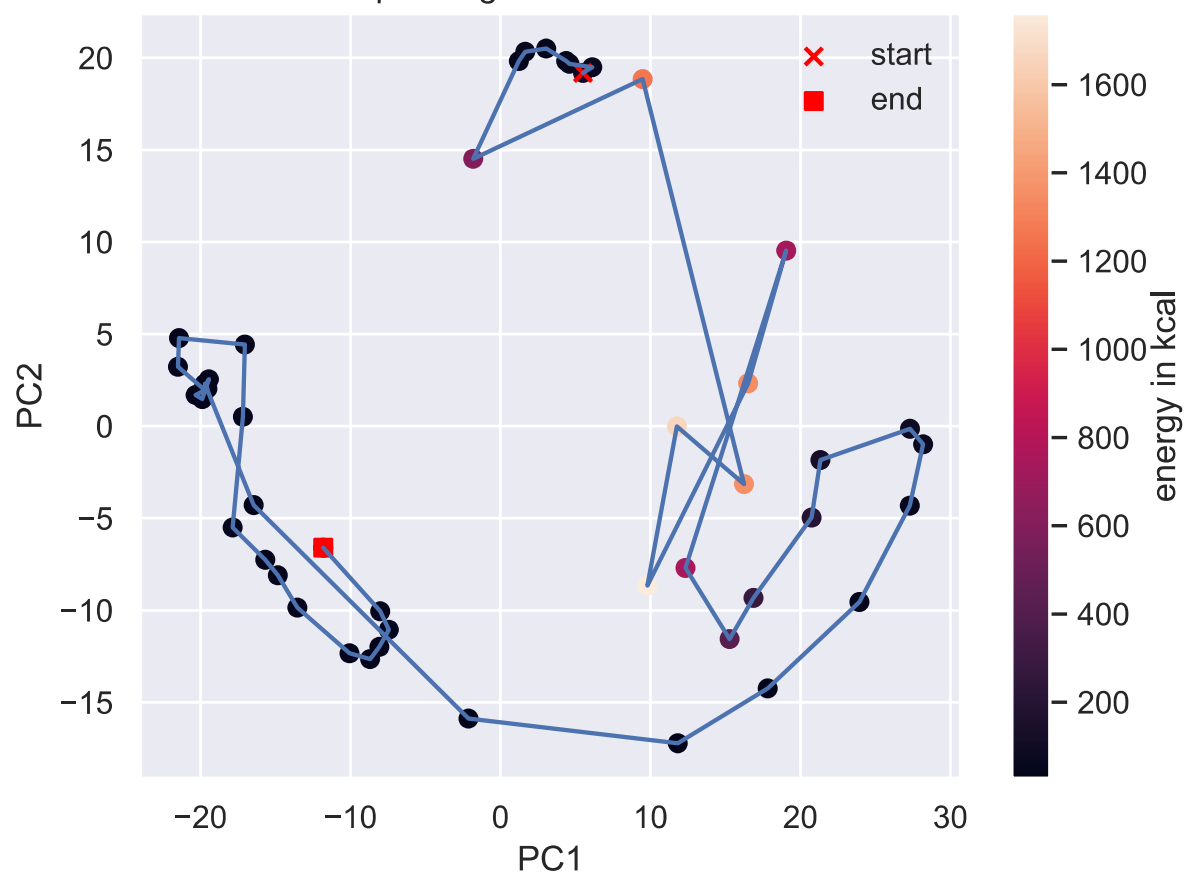
trajectory_2019-05-16_03-49-27-PM
PC spanning a variance of 0.601

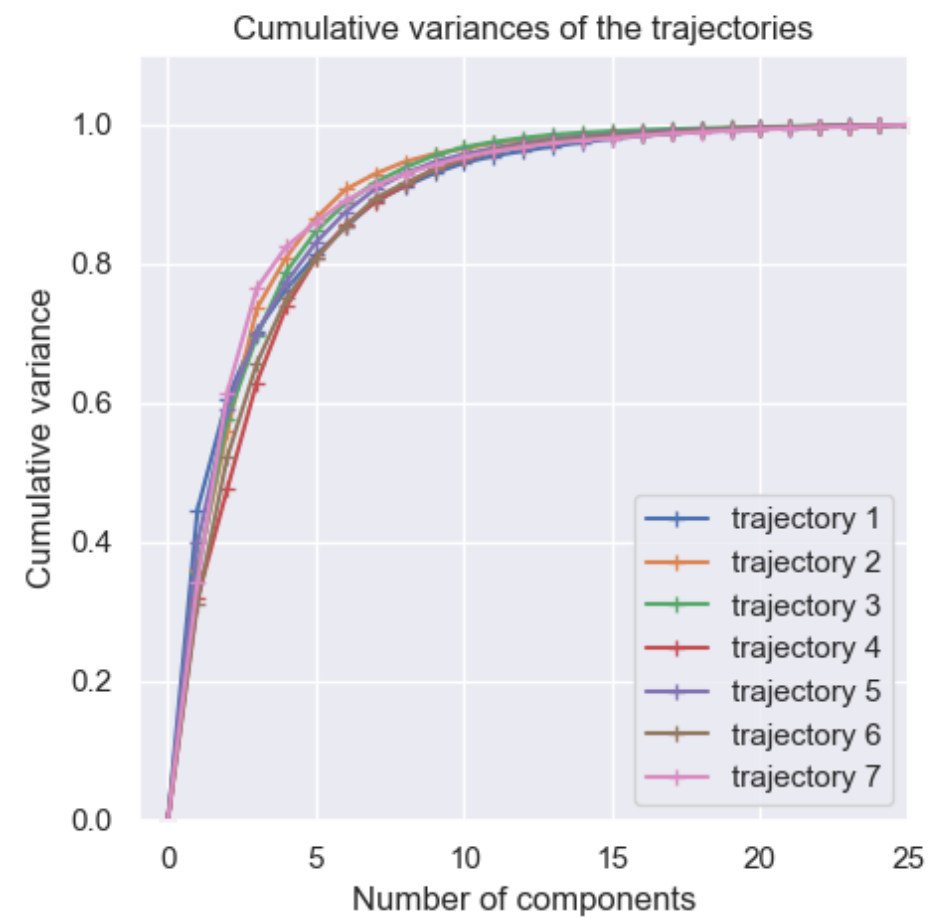
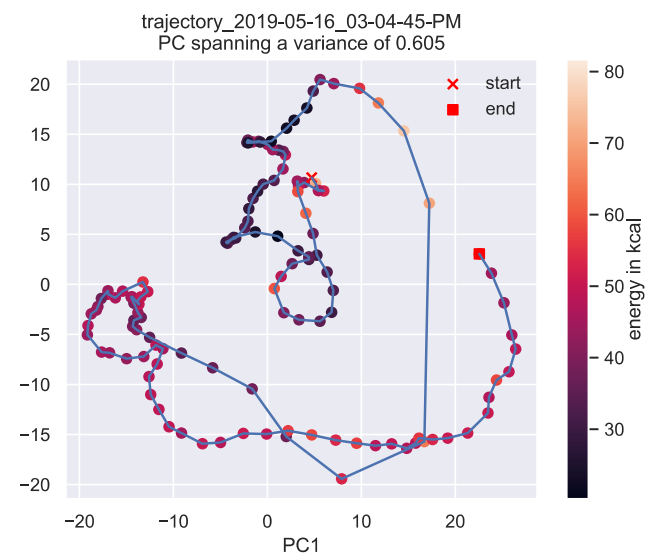
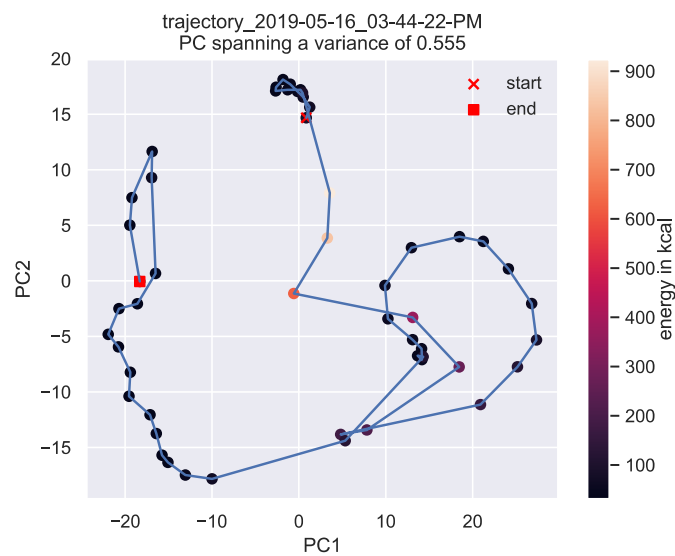
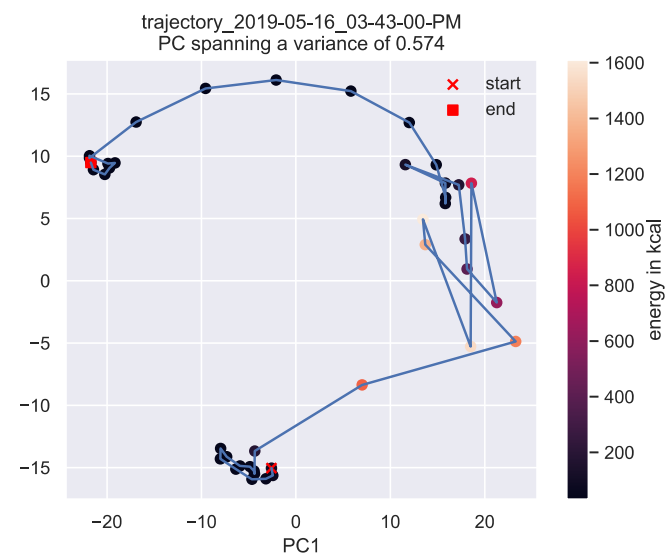
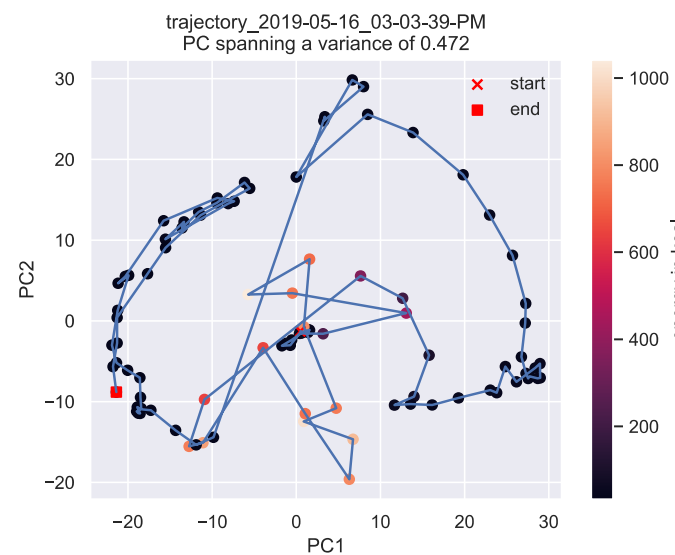


trajectory_2019-05-16_03-48-54-PM
PC spanning a variance of 0.519

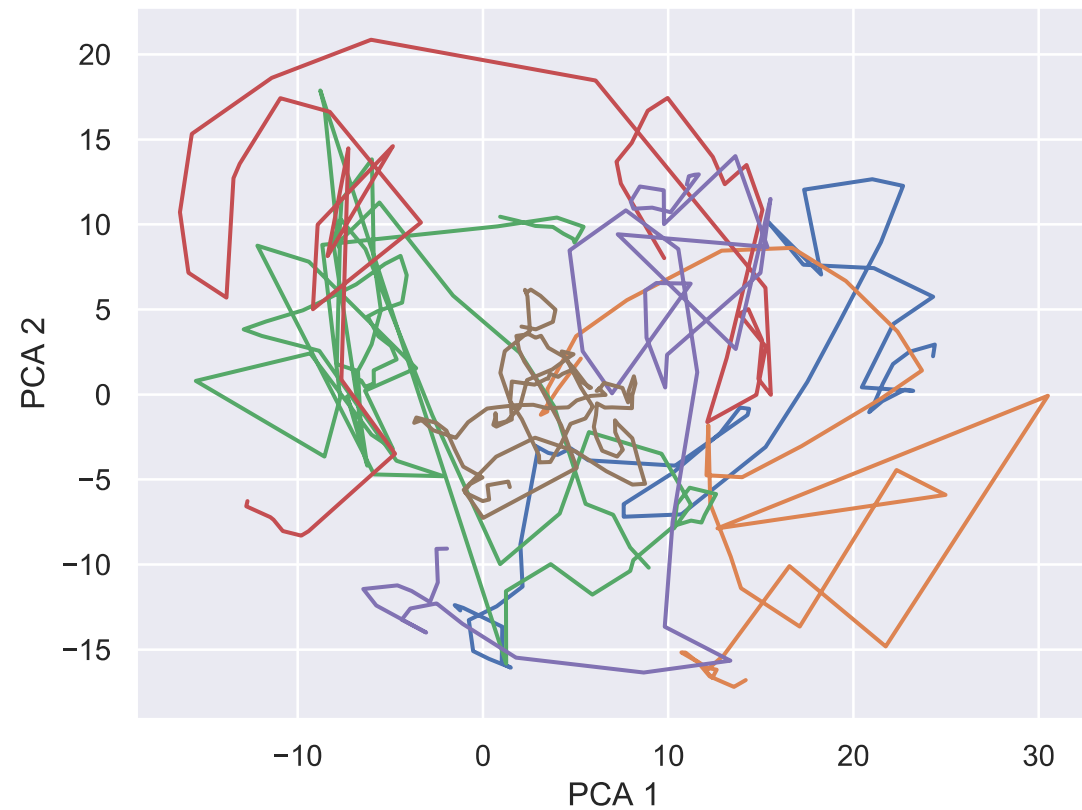


trajectory_2019-05-16_03-48-20-PM
PC spanning a variance of 0.589



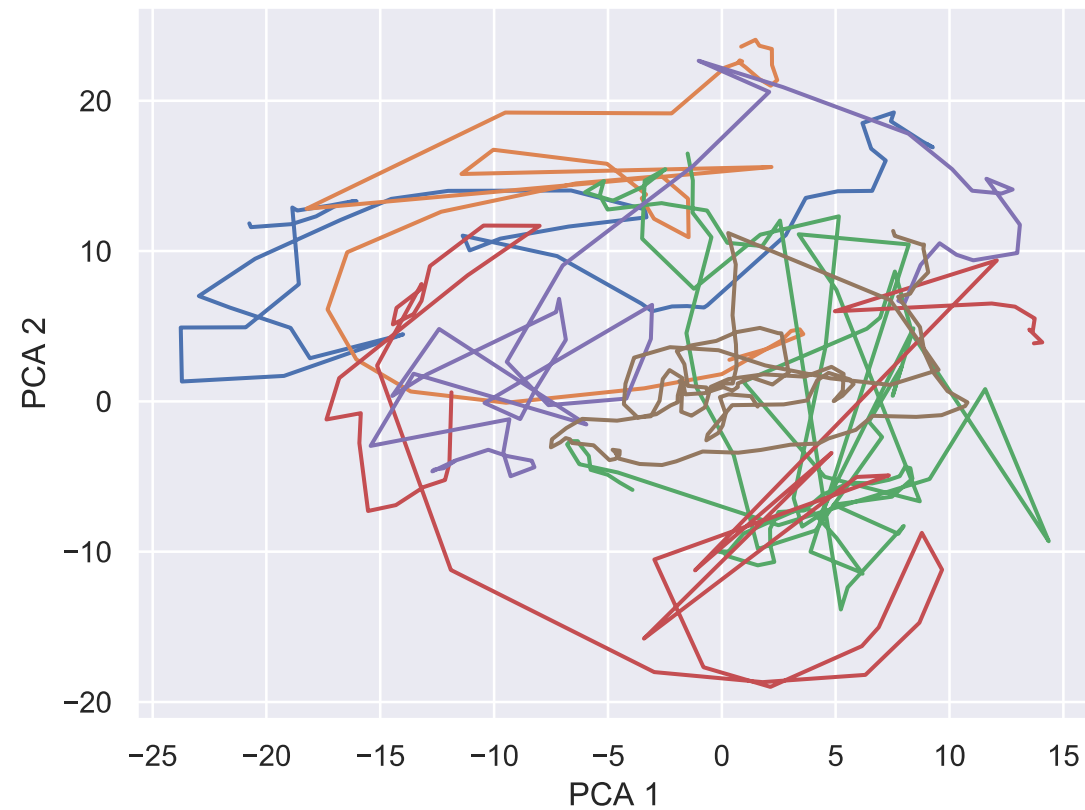


Motion in a common PCA space



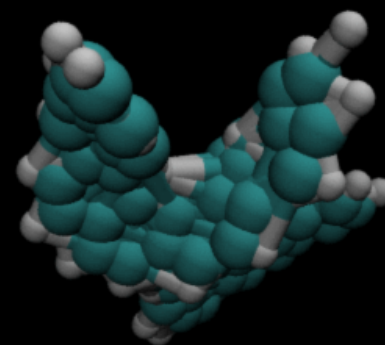
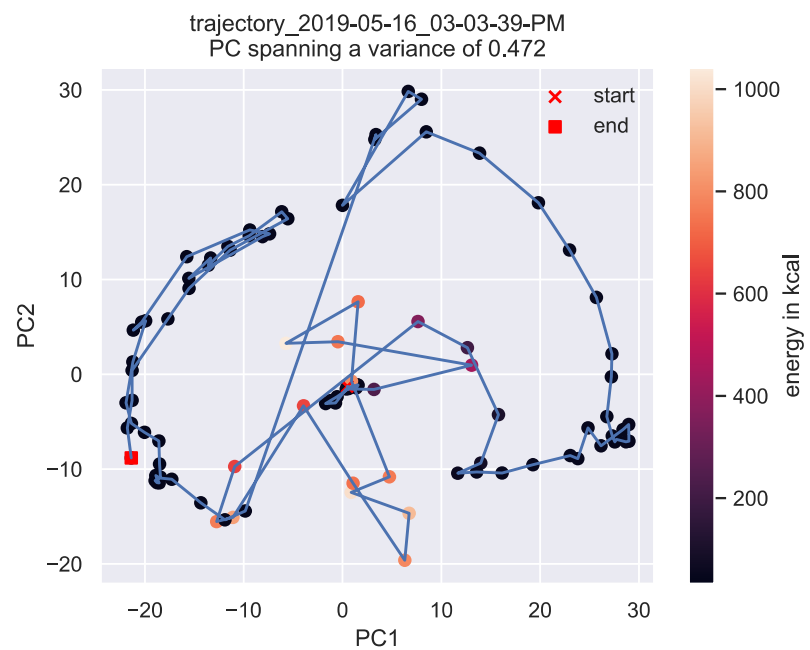
Principal components of individual trajectories

Motion in a common PCA space

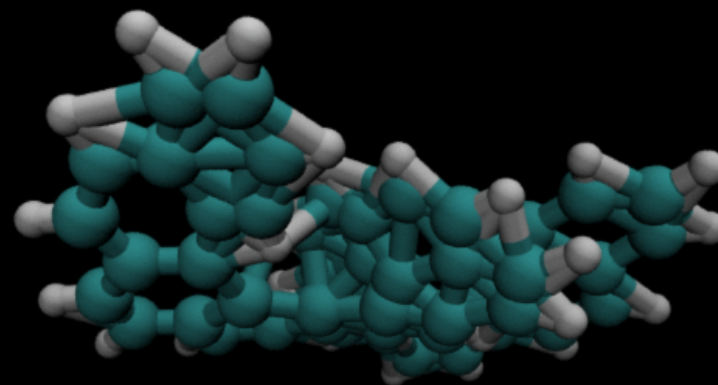
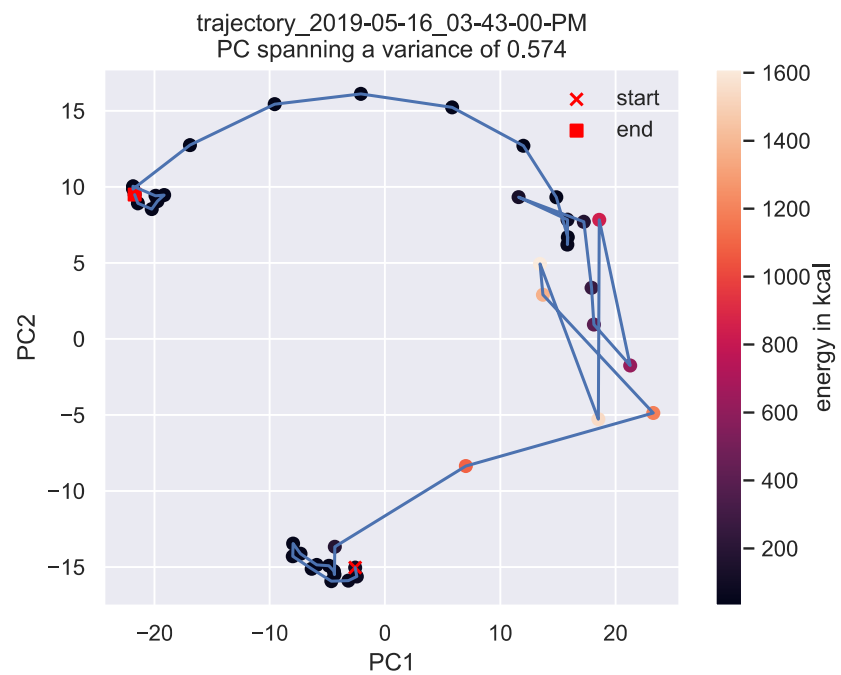


Principal components of combined trajectories

Component 1



Component 1



Component 4

