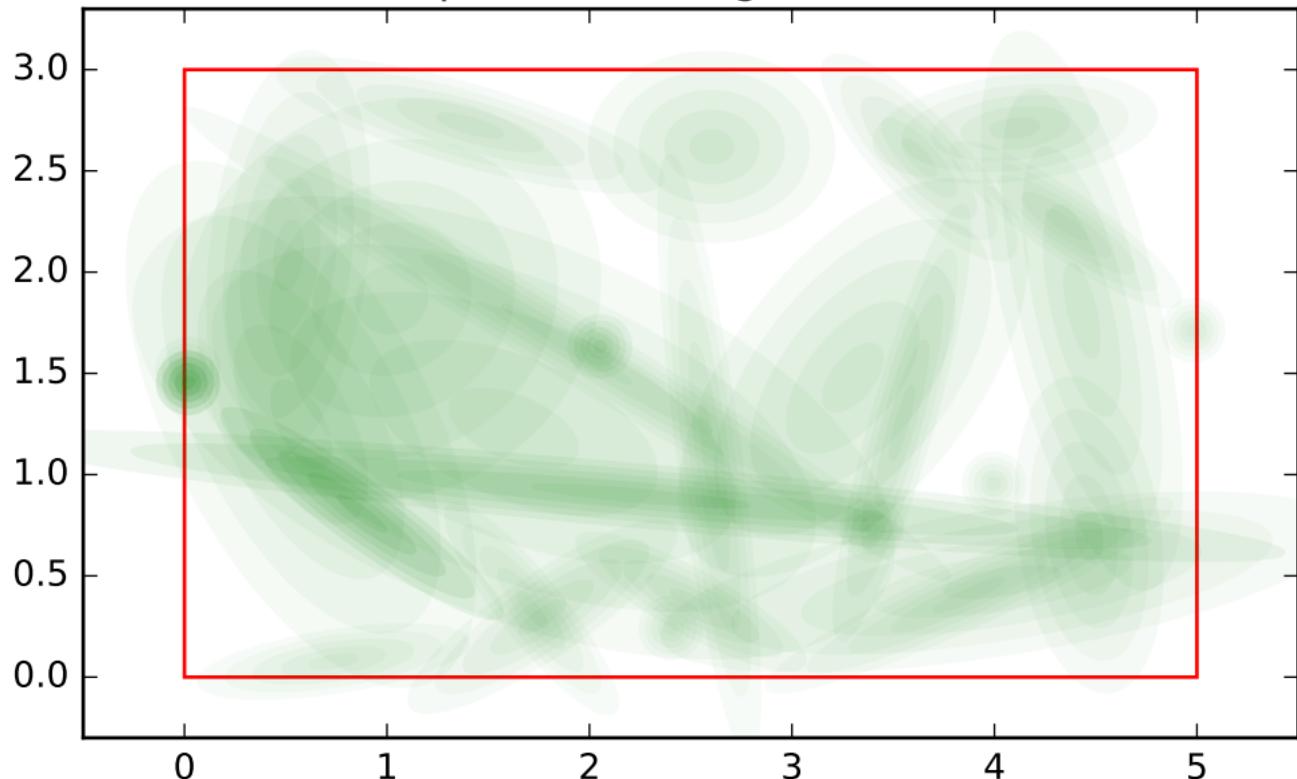


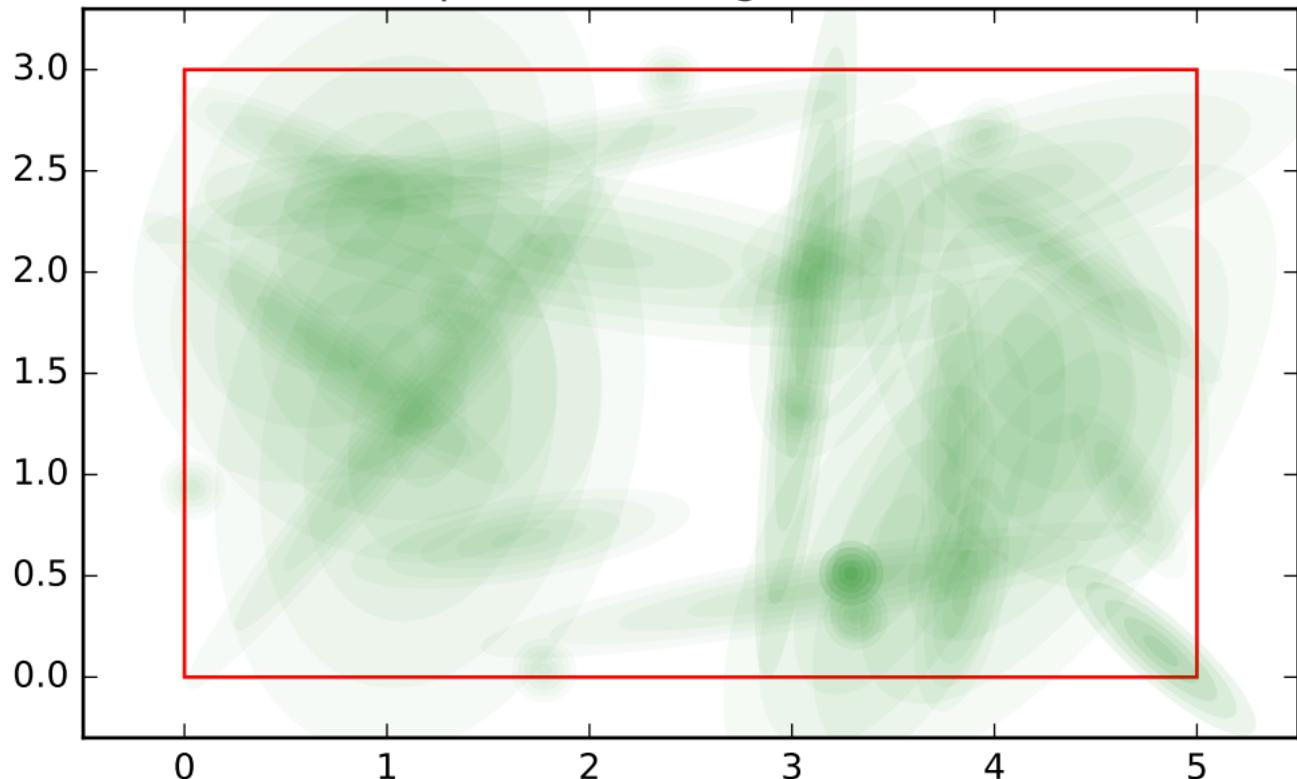
test for min covar of gmm

GMM min covar: 0.1 ,training\_model\_0, variable name:  
position sibling order: 0



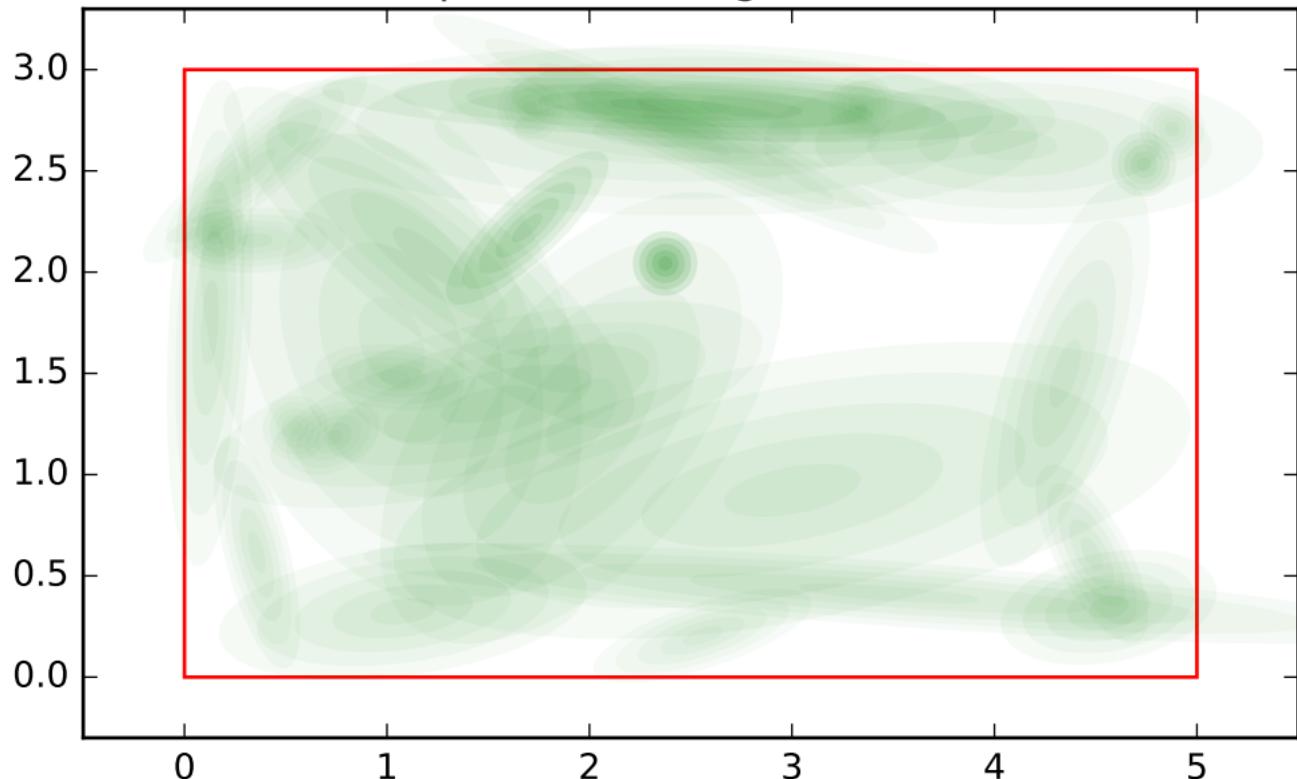
test for min covar of gmm

GMM min covar: 0.1 ,training\_model\_0, variable name:  
position sibling order: 1



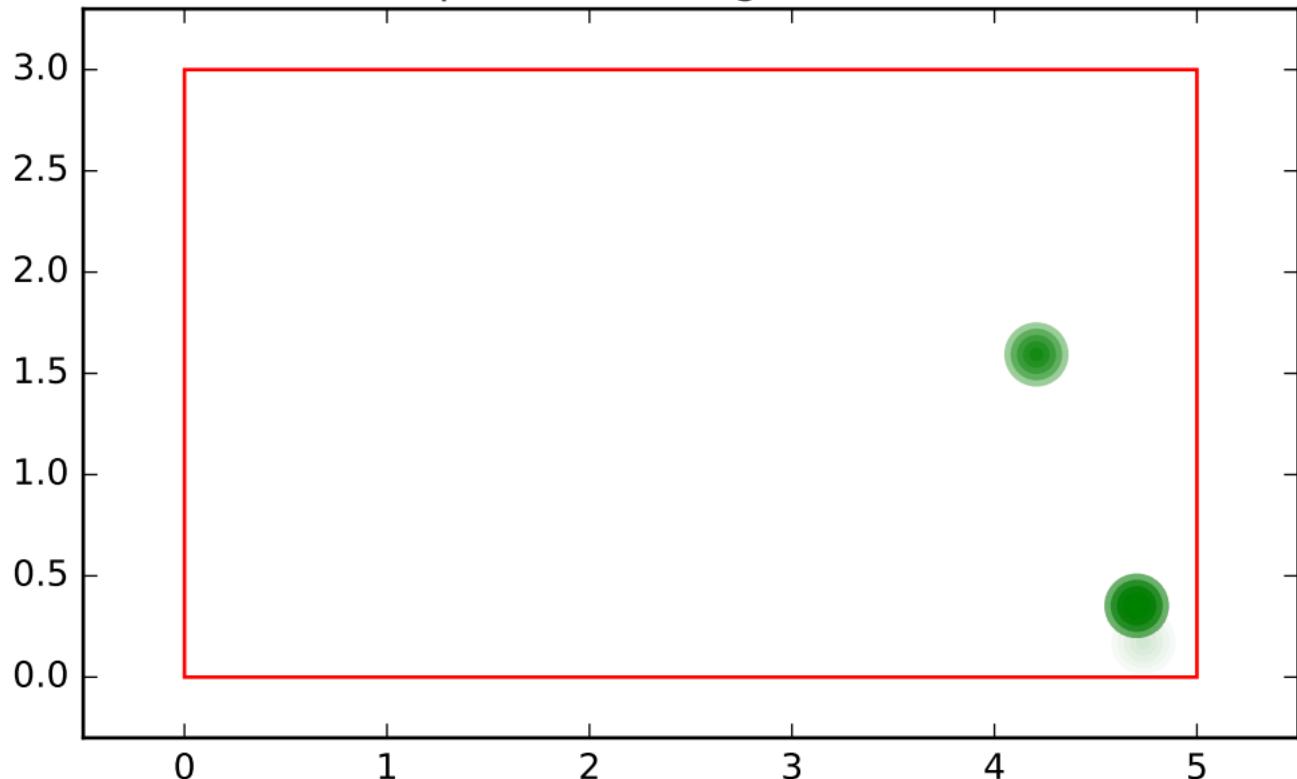
test for min covar of gmm

GMM min covar: 0.1 ,training\_model\_0, variable name:  
position sibling order: 2



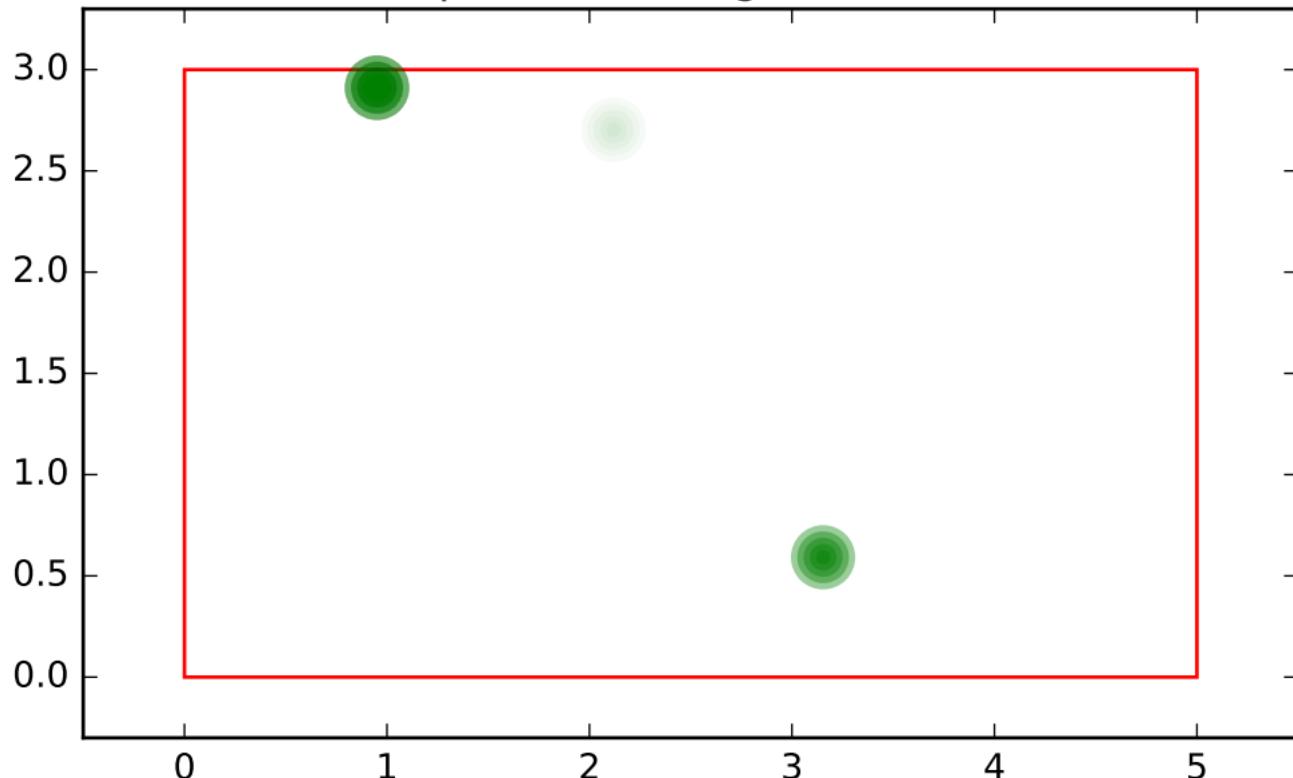
test for min covar of gmm

GMM min covar: 0.1 ,training\_model\_0, variable name:  
position sibling order: 3



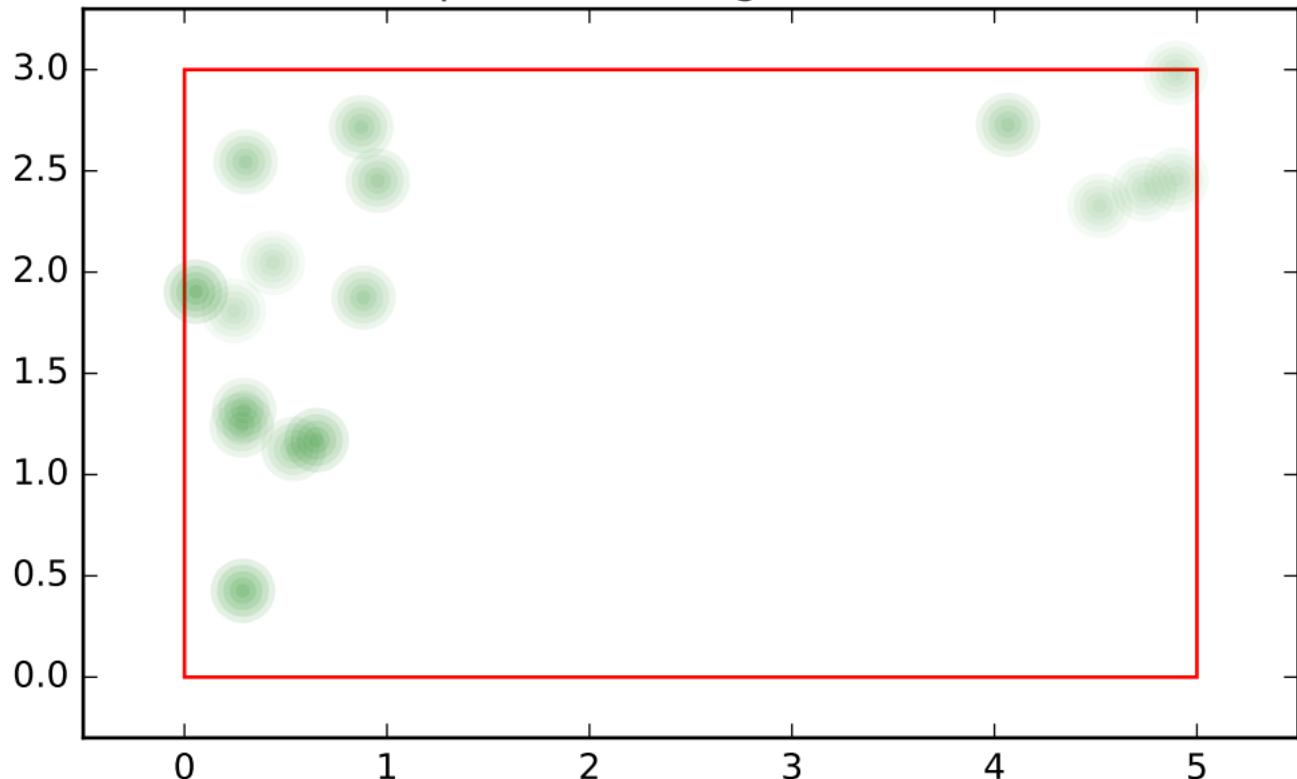
test for min covar of gmm

GMM min covar: 0.1 ,training\_model\_0, variable name:  
position sibling order: 4



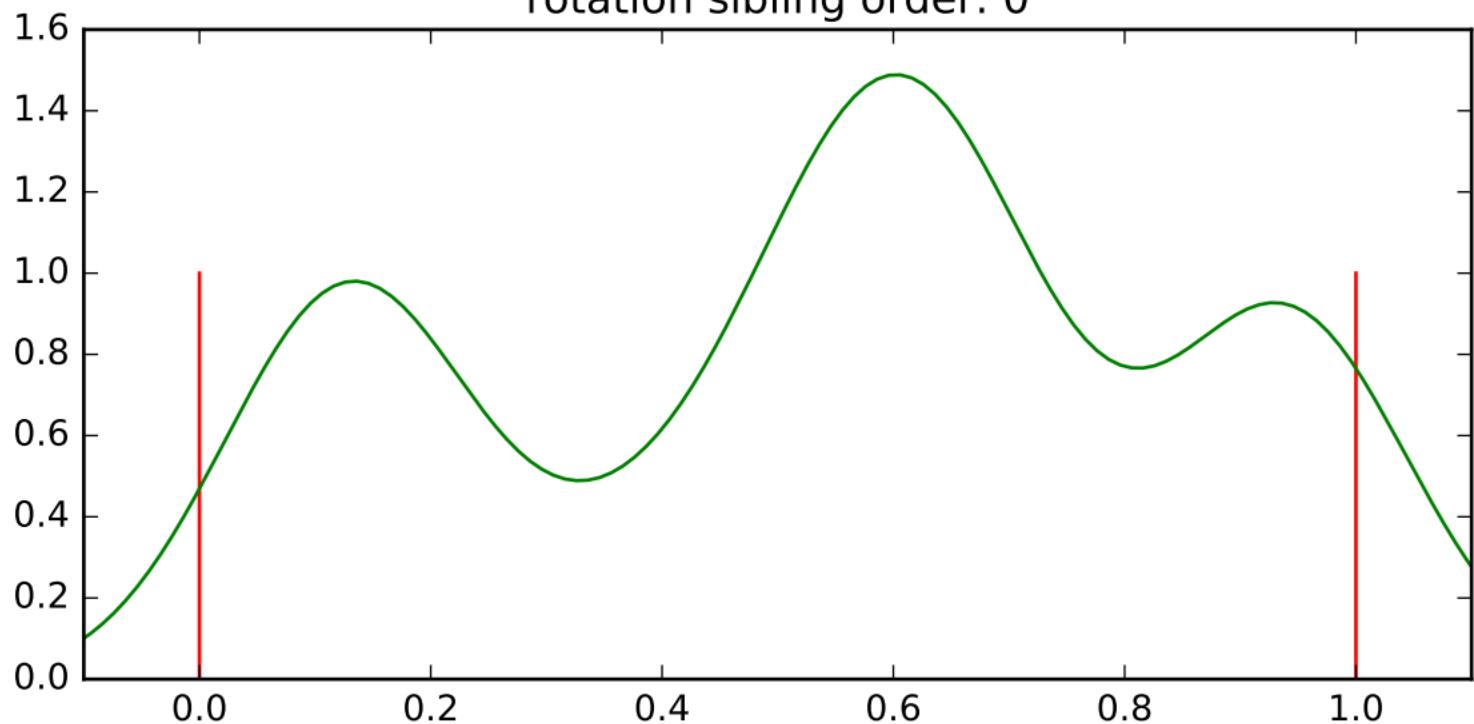
test for min covar of gmm

GMM min covar: 0.1 ,training\_model\_1, variable name:  
position sibling order: 0



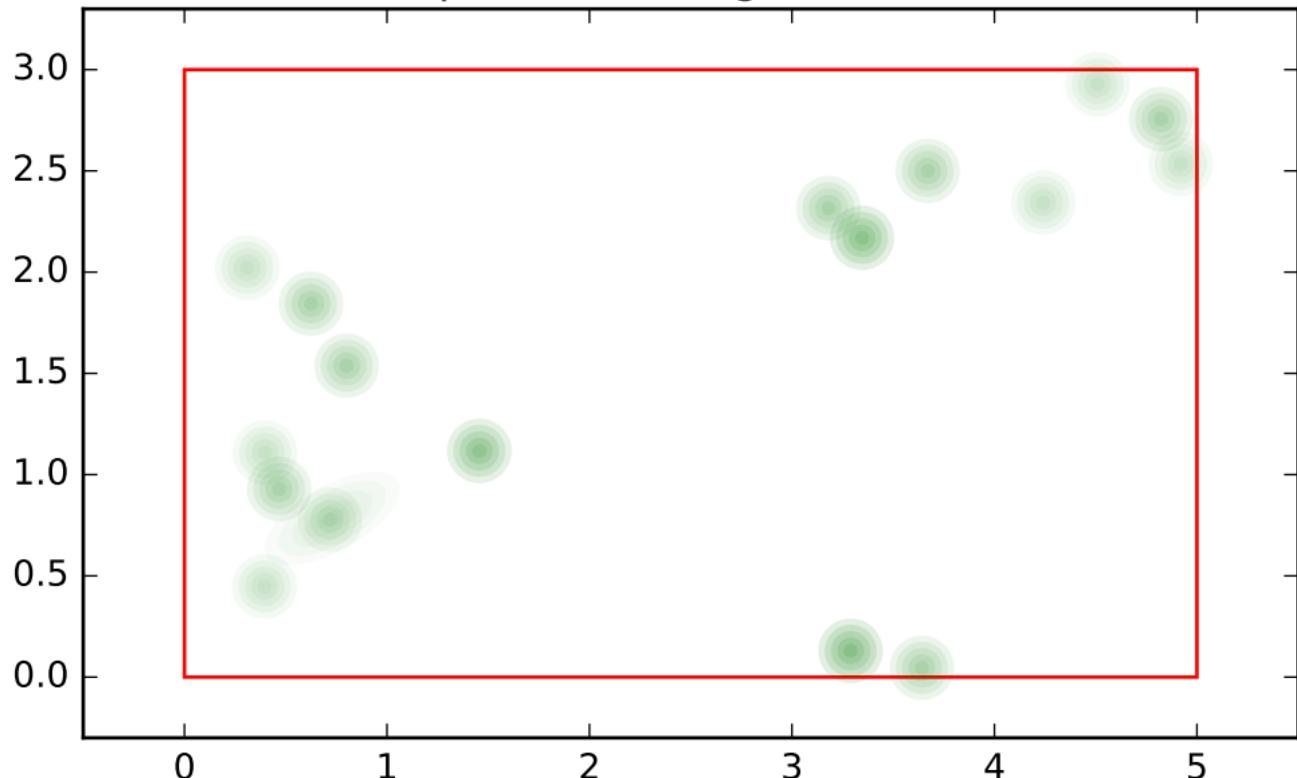
# test for min covar of gmm

GMM min covar: 0.1 ,training\_model\_1, variable name:  
rotation sibling order: 0



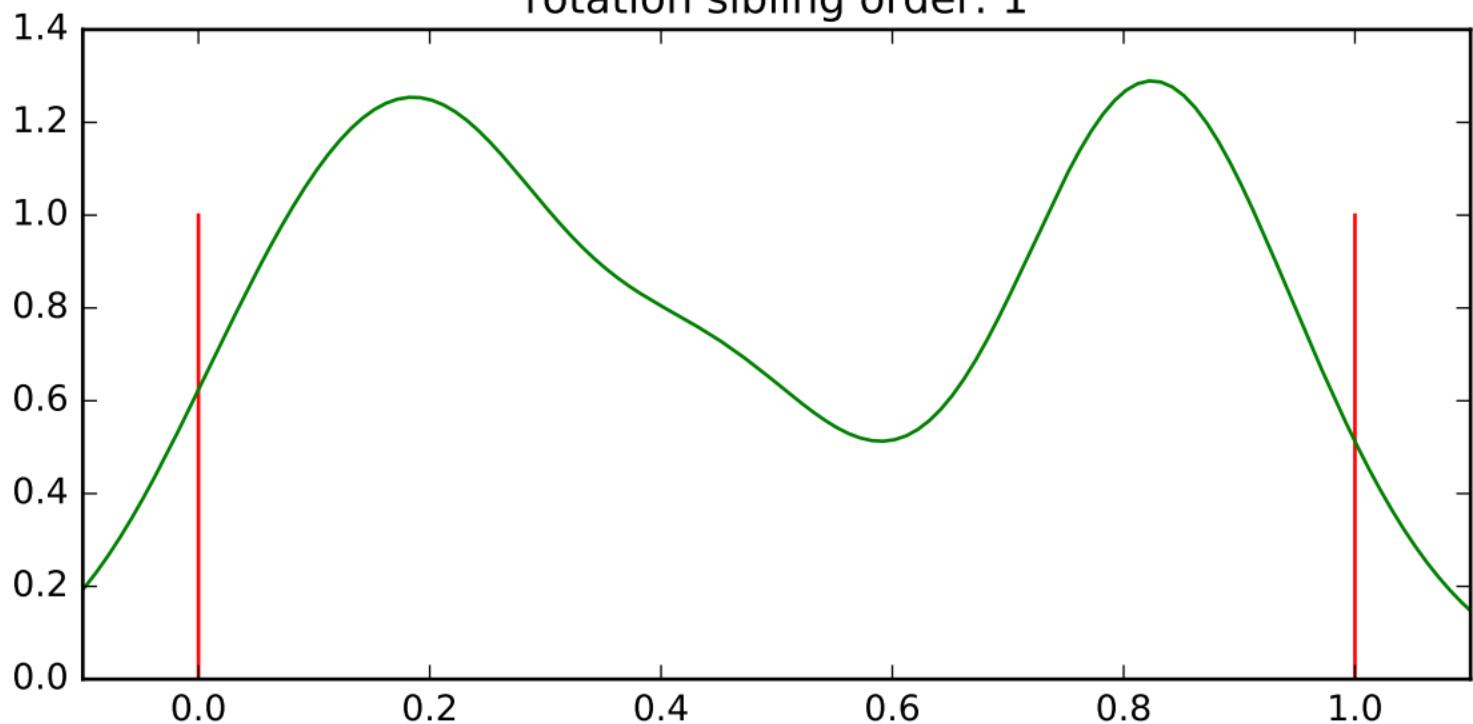
test for min covar of gmm

GMM min covar: 0.1 ,training\_model\_1, variable name:  
position sibling order: 1



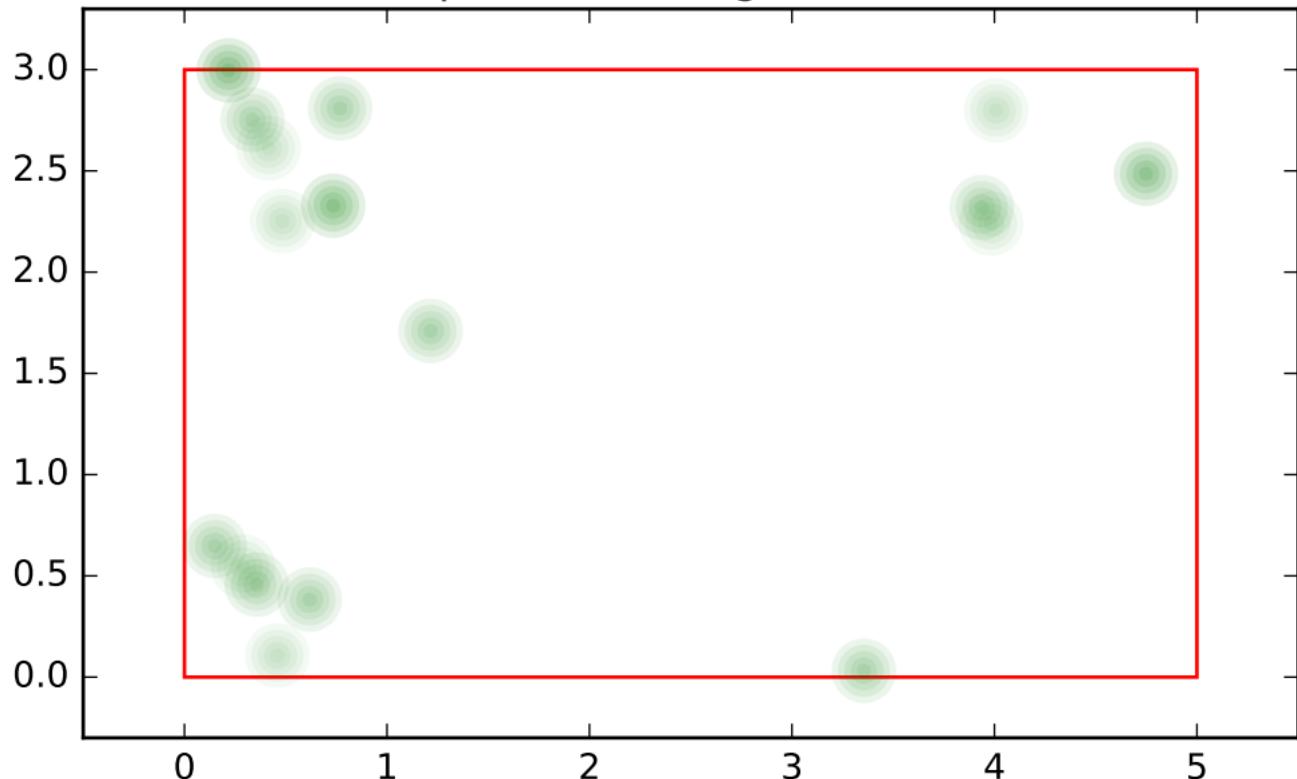
test for min covar of gmm

GMM min covar: 0.1 ,training\_model\_1, variable name:  
rotation sibling order: 1



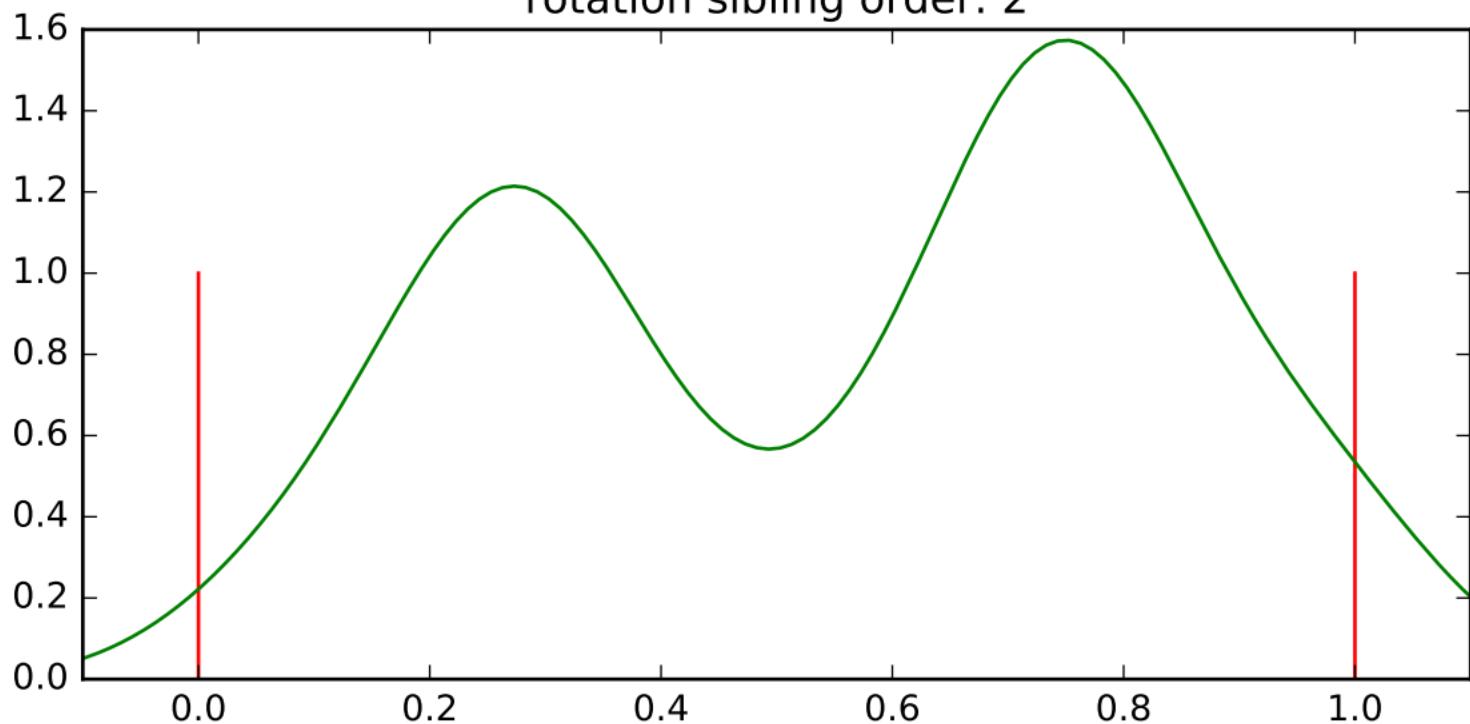
test for min covar of gmm

GMM min covar: 0.1 ,training\_model\_1, variable name:  
position sibling order: 2



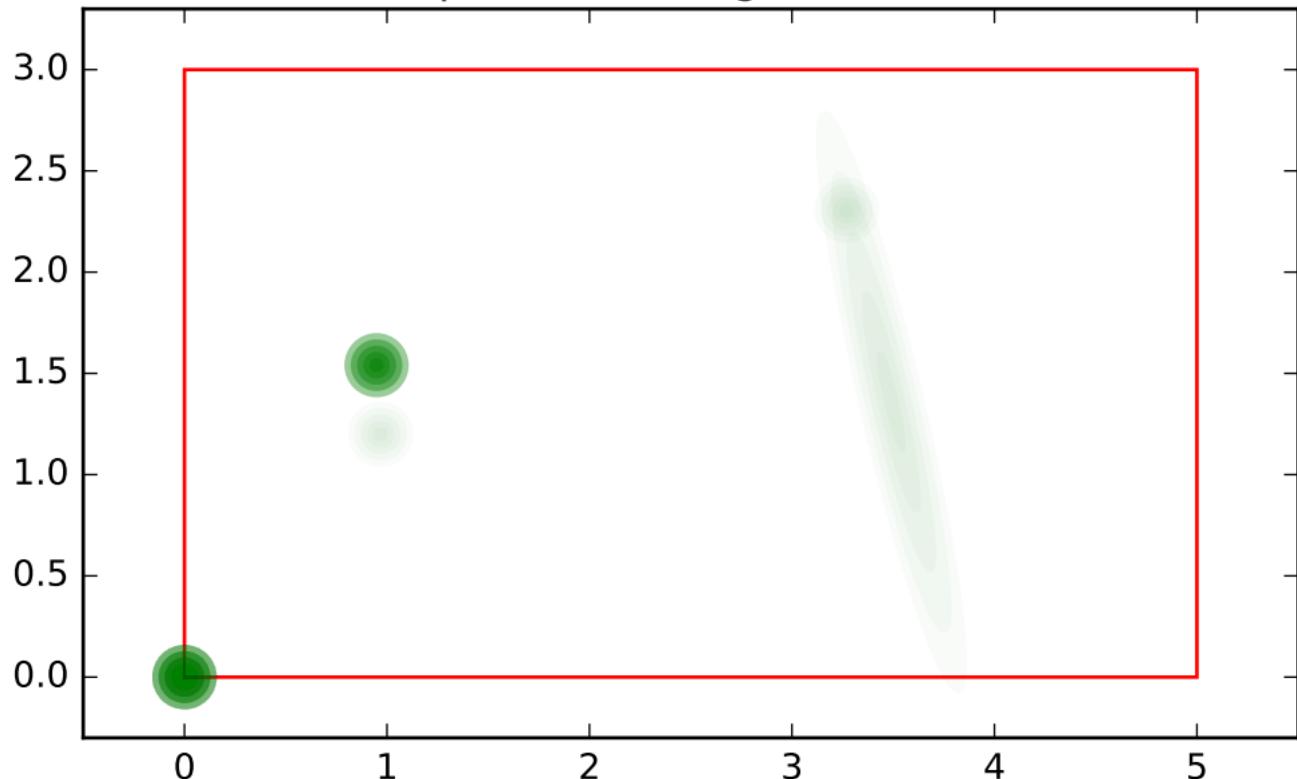
# test for min covar of gmm

GMM min covar: 0.1 ,training\_model\_1, variable name:  
rotation sibling order: 2



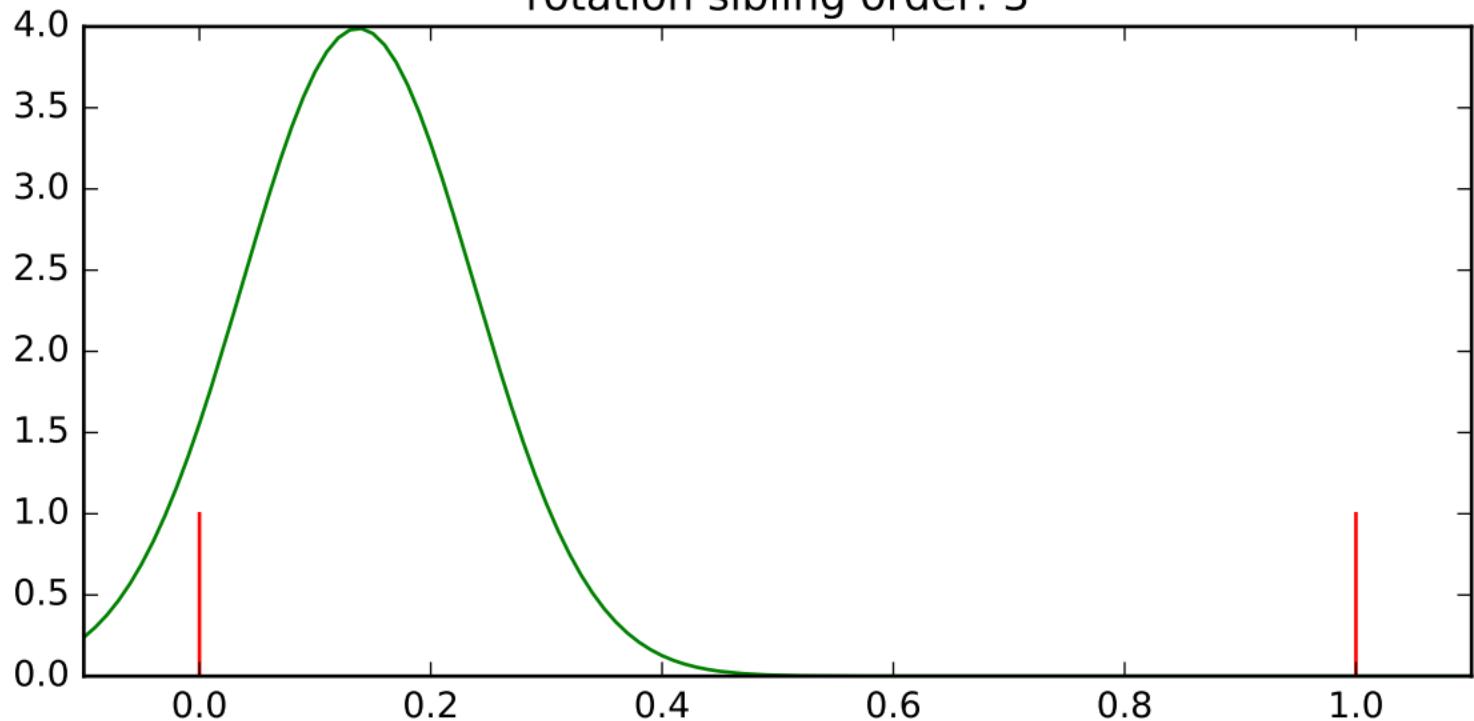
test for min covar of gmm

GMM min covar: 0.1 ,training\_model\_1, variable name:  
position sibling order: 3



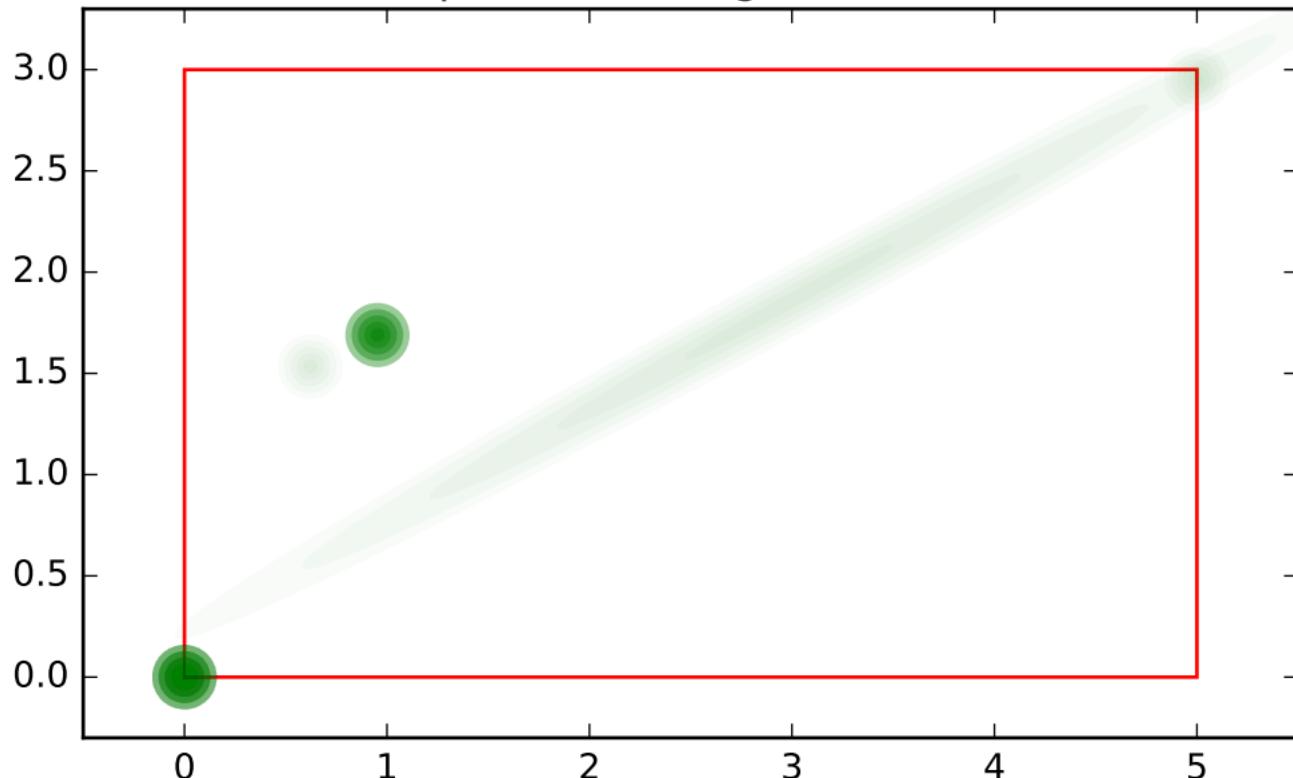
test for min covar of gmm

GMM min covar: 0.1 ,training\_model\_1, variable name:  
rotation sibling order: 3



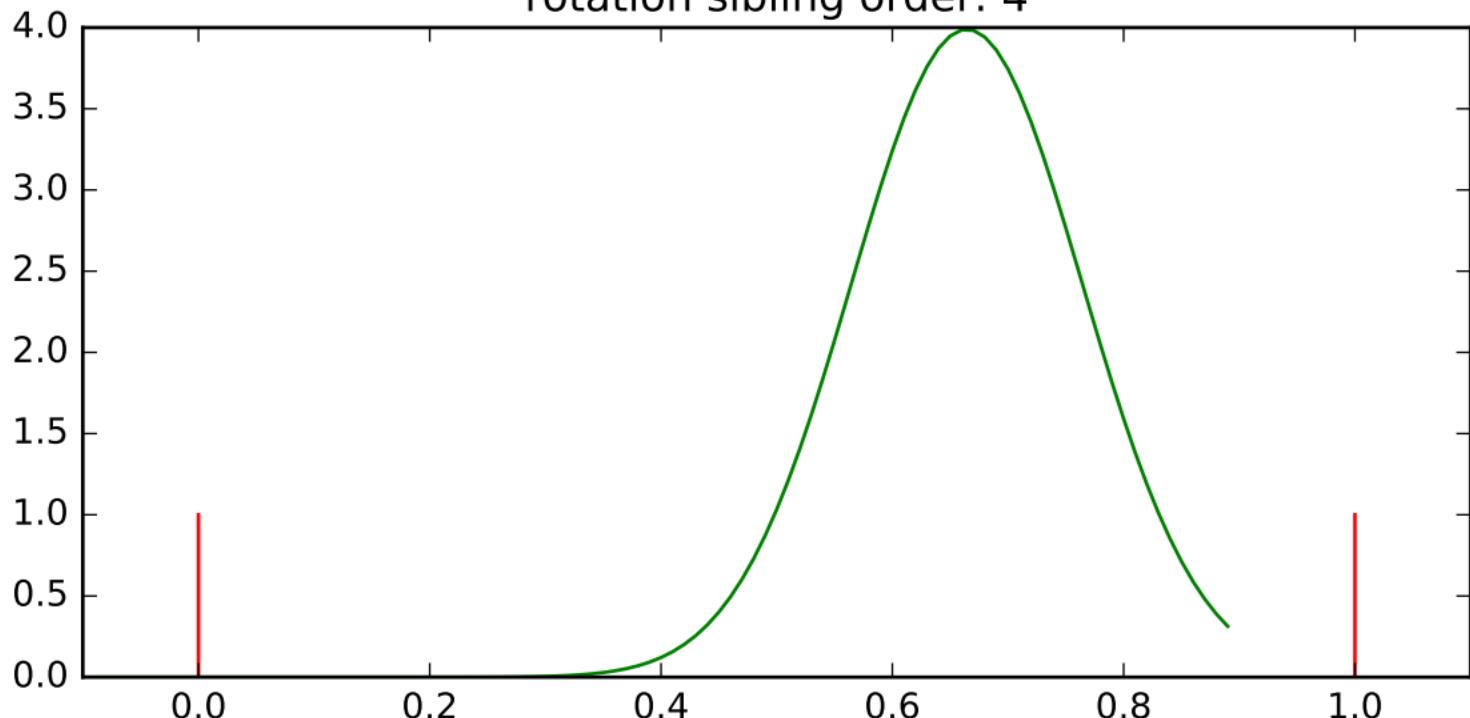
test for min covar of gmm

GMM min covar: 0.1 ,training\_model\_1, variable name:  
position sibling order: 4



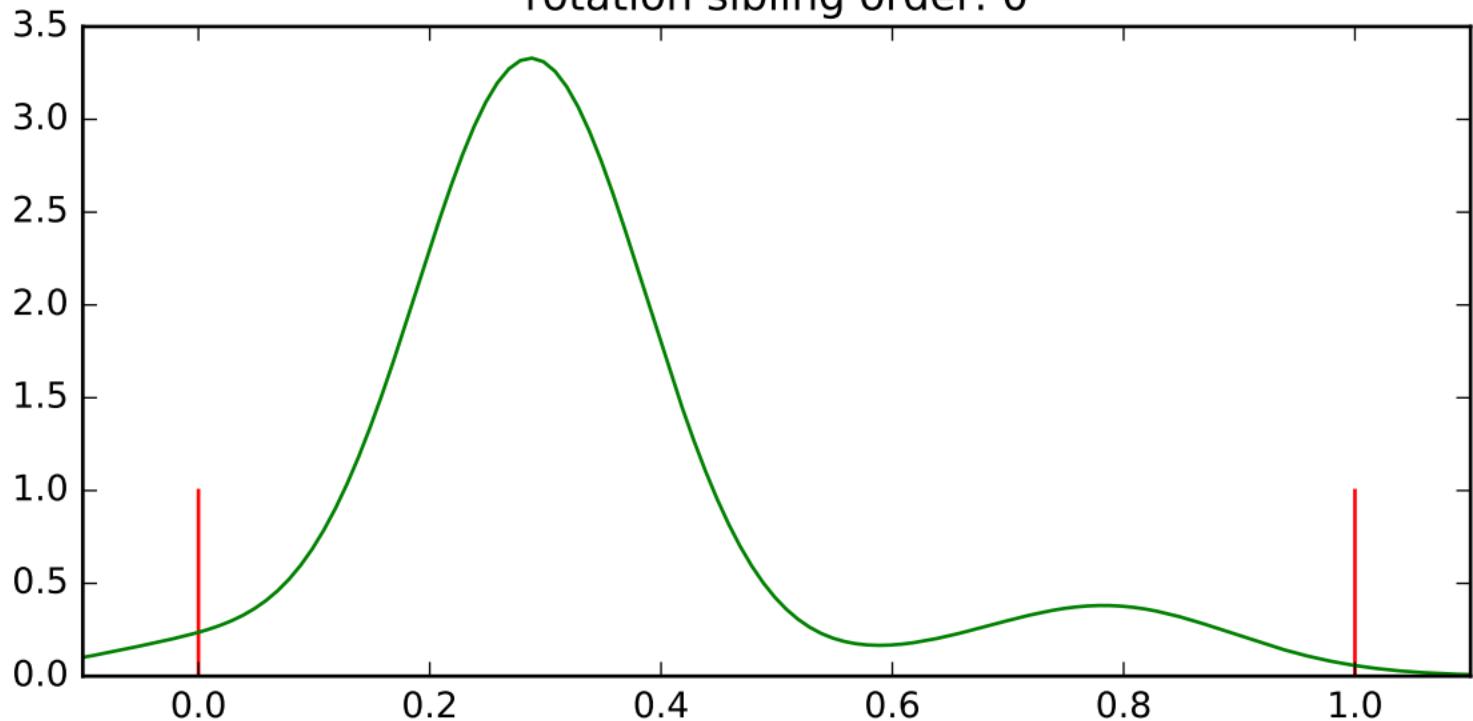
# test for min covar of gmm

GMM min covar: 0.1 ,training\_model\_1, variable name:  
rotation sibling order: 4



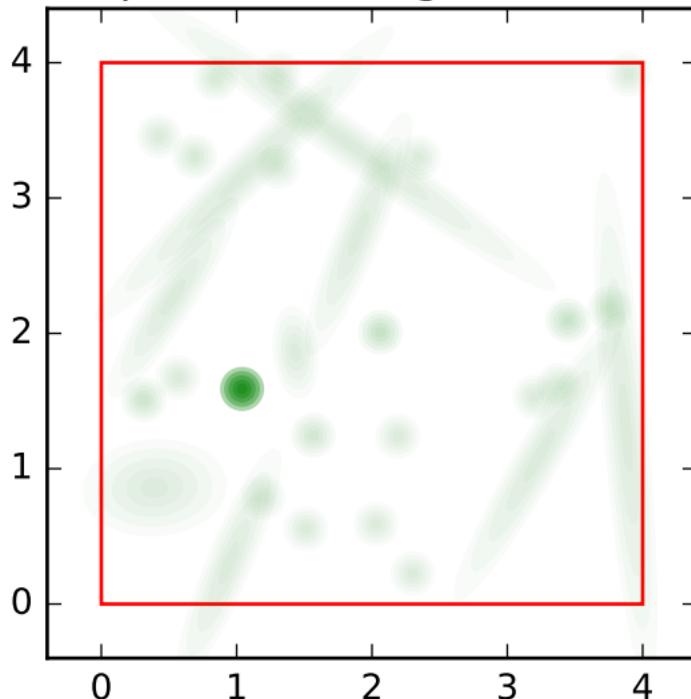
test for min covar of gmm

GMM min covar: 0.1 ,training\_model\_2, variable name:  
rotation sibling order: 0



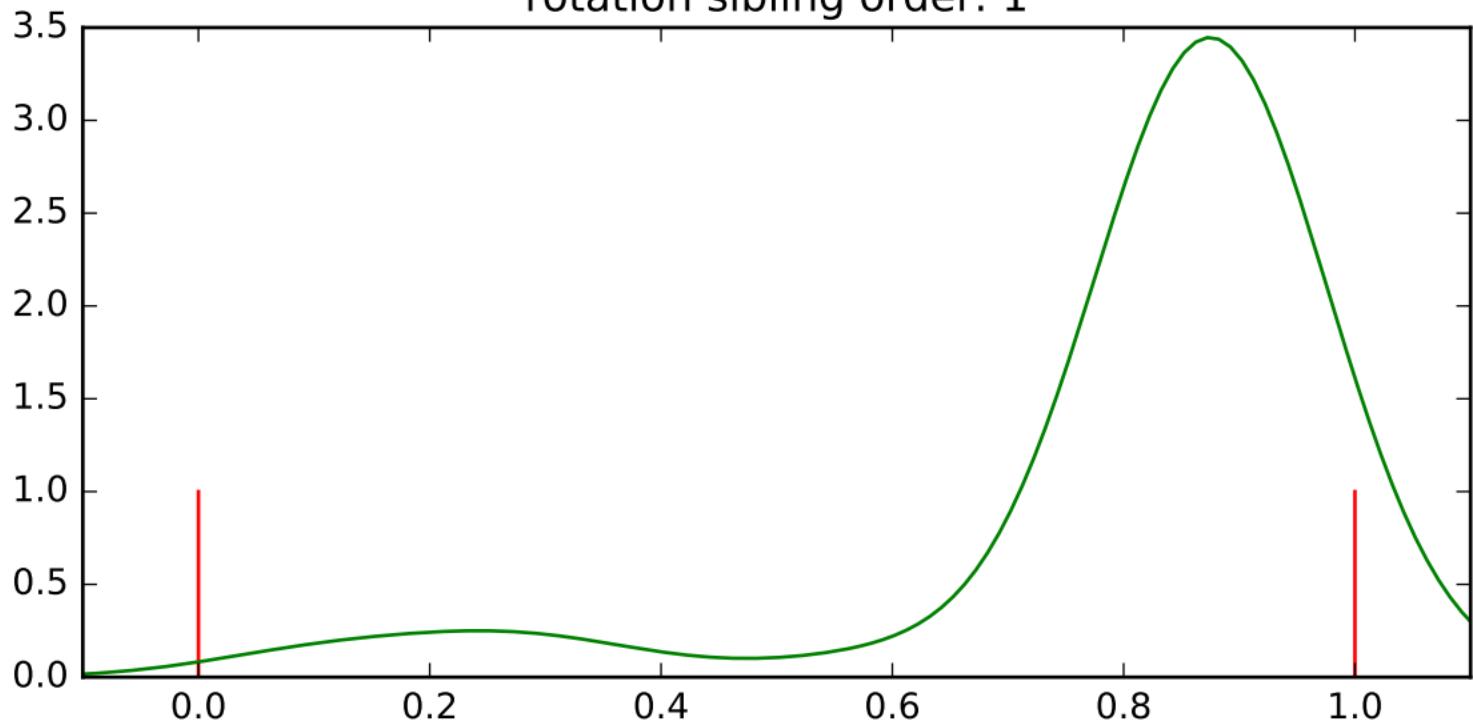
# test for min covar of gmm

GMM min covar: 0.1 ,training\_model\_2, variable name:  
position sibling order: 0



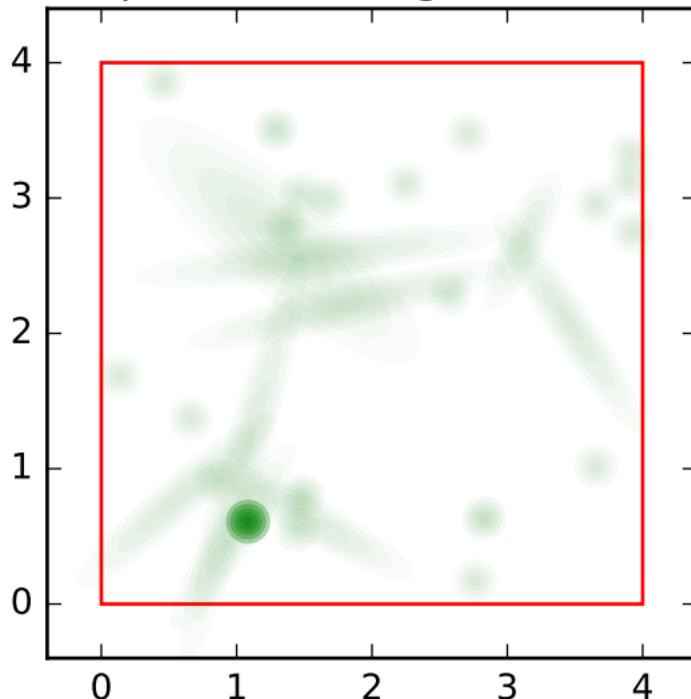
# test for min covar of gmm

GMM min covar: 0.1 ,training\_model\_2, variable name:  
rotation sibling order: 1



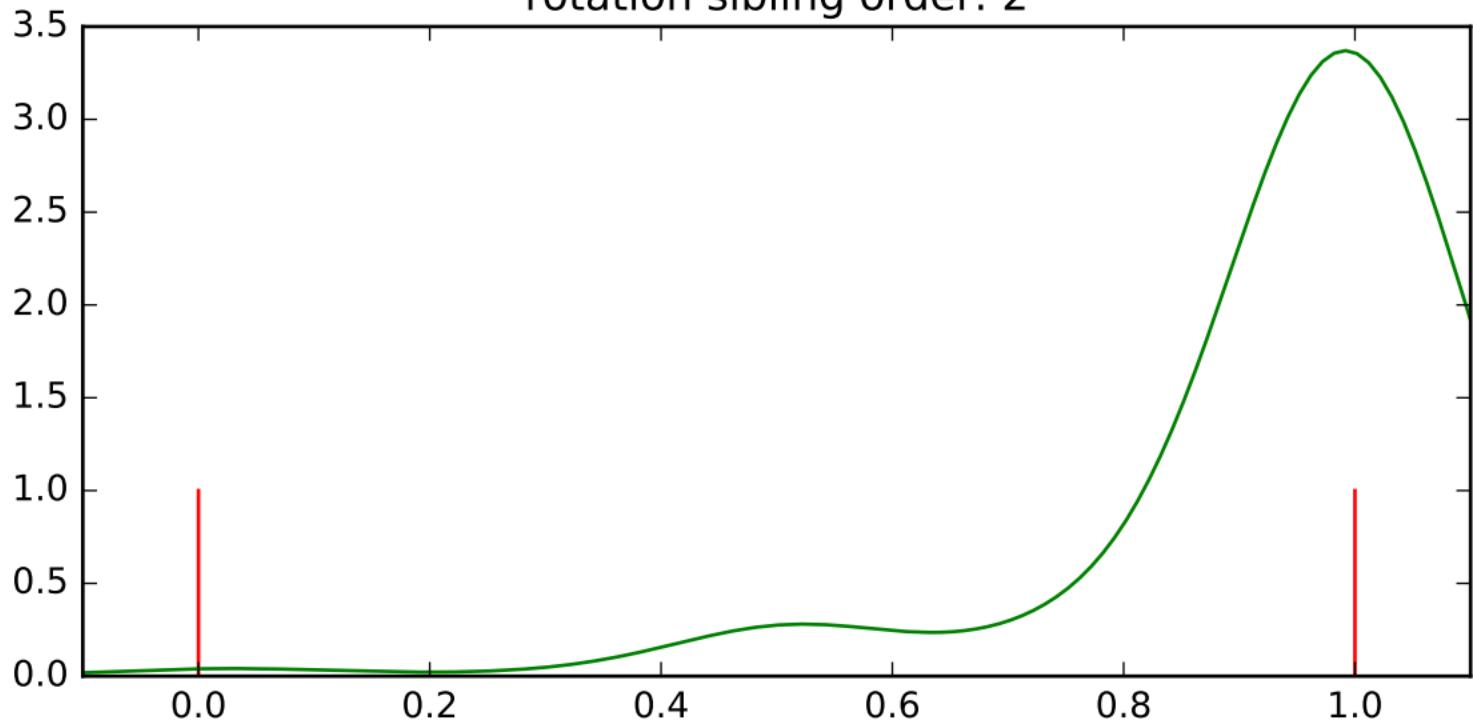
# test for min covar of gmm

GMM min covar: 0.1 ,training\_model\_2, variable name:  
position sibling order: 1



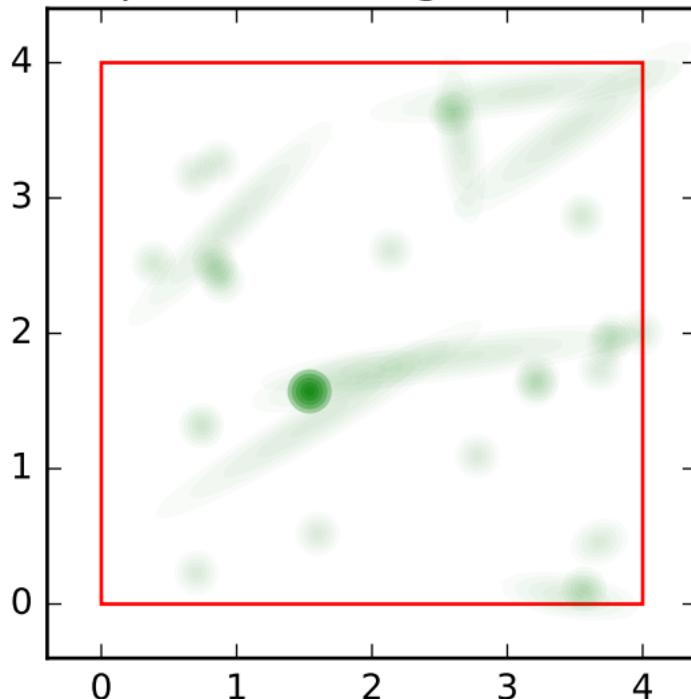
# test for min covar of gmm

GMM min covar: 0.1 ,training\_model\_2, variable name:  
rotation sibling order: 2



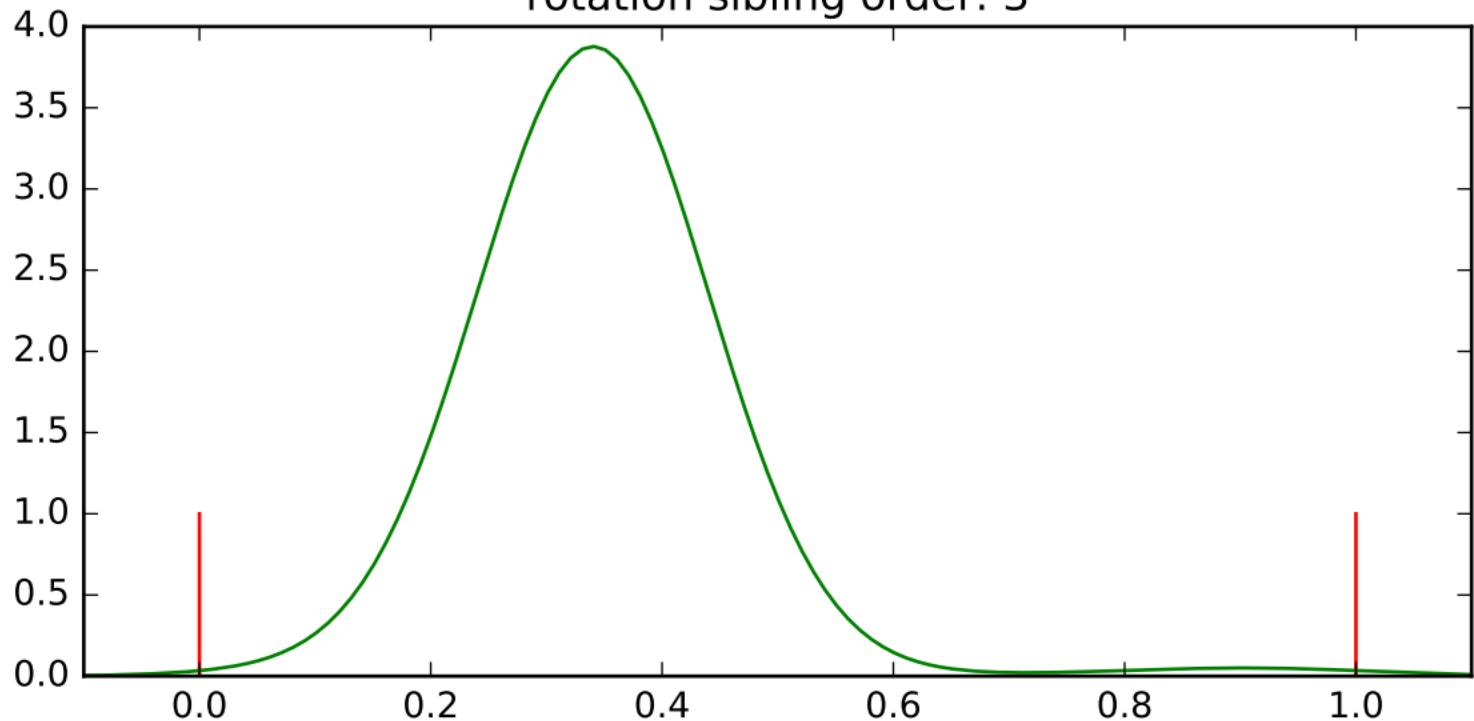
# test for min covar of gmm

GMM min covar: 0.1 ,training\_model\_2, variable name:  
position sibling order: 2



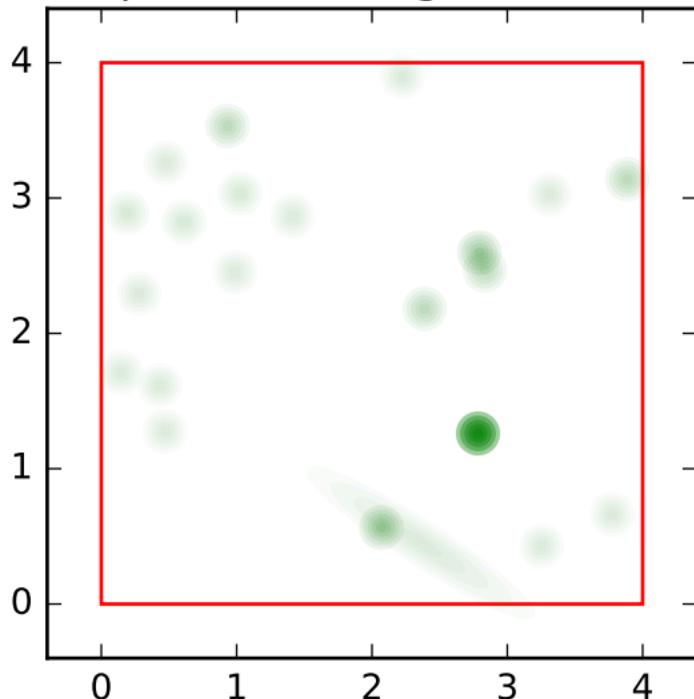
test for min covar of gmm

GMM min covar: 0.1 ,training\_model\_2, variable name:  
rotation sibling order: 3



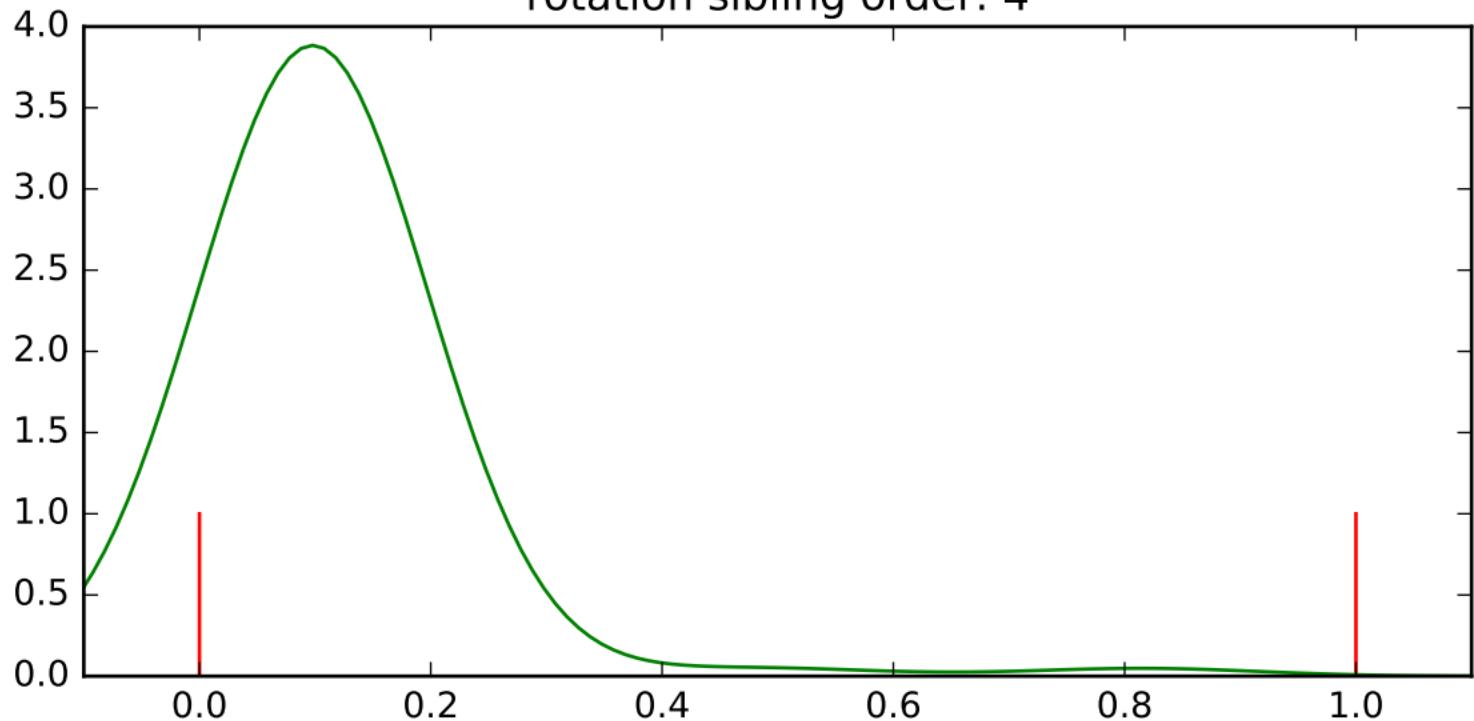
# test for min covar of gmm

GMM min covar: 0.1 ,training\_model\_2, variable name:  
position sibling order: 3



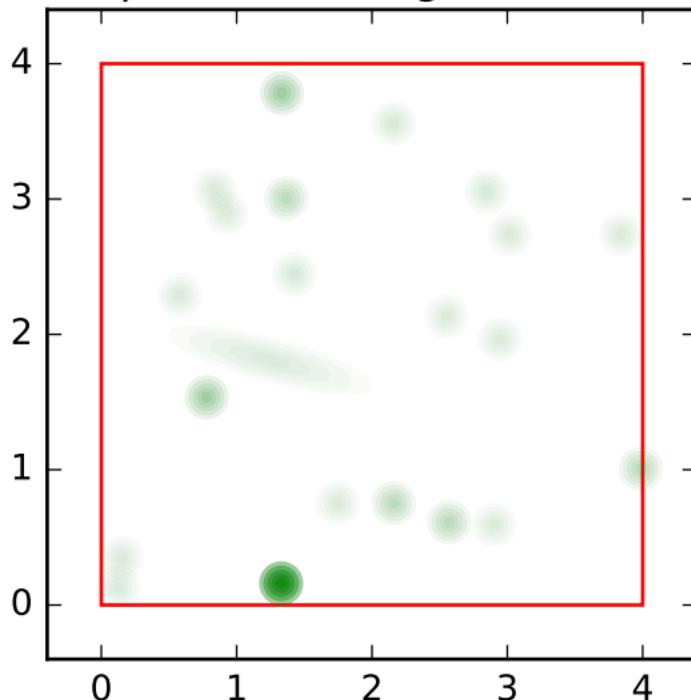
test for min covar of gmm

GMM min covar: 0.1 ,training\_model\_2, variable name:  
rotation sibling order: 4



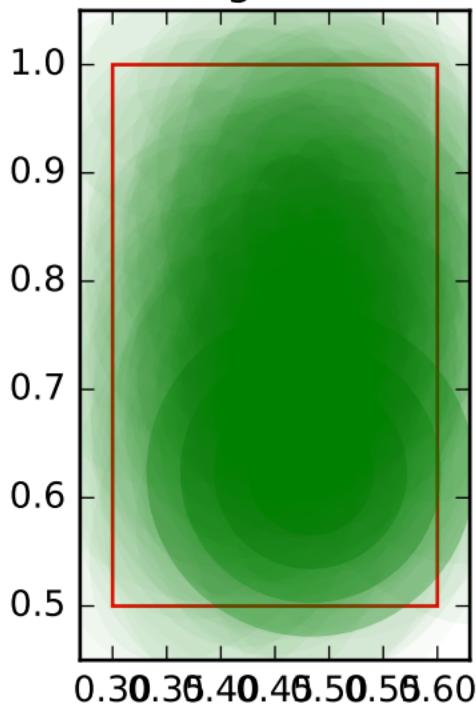
# test for min covar of gmm

GMM min covar: 0.1 ,training\_model\_2, variable name:  
position sibling order: 4



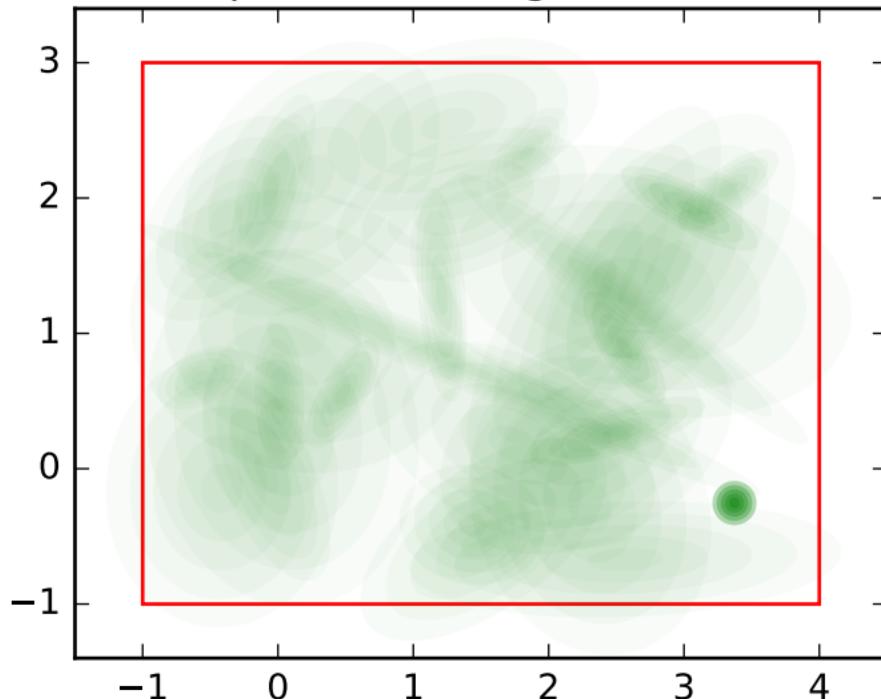
# test for min covar of gmm

GMM min covar: 0.1 ,training\_model\_3, variable name: size  
sibling order: 0



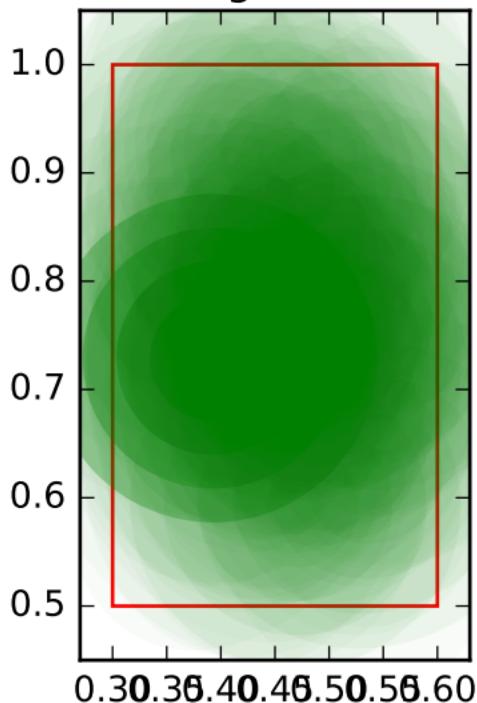
# test for min covar of gmm

GMM min covar: 0.1 ,training\_model\_3, variable name:  
position sibling order: 0



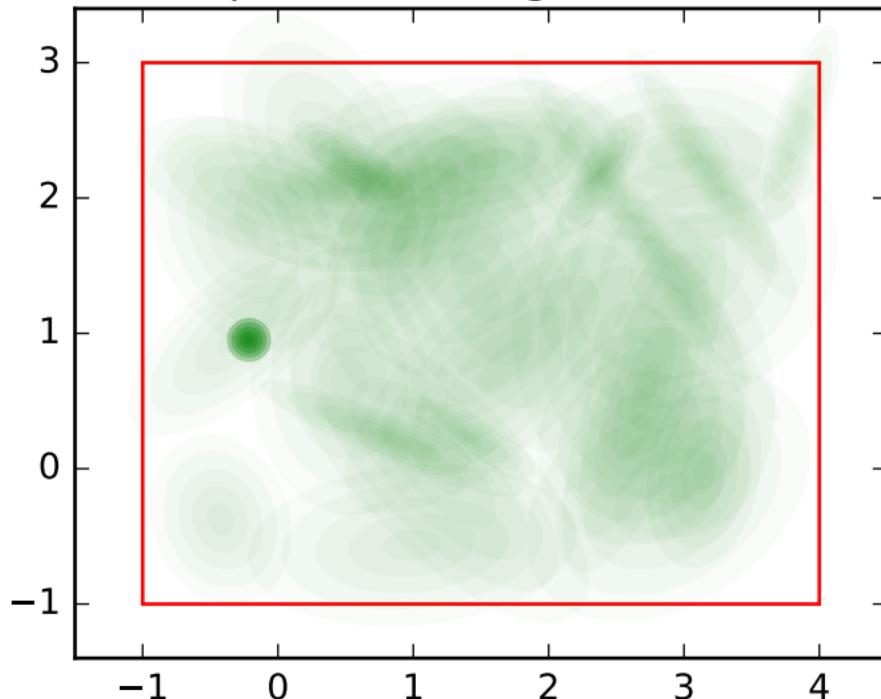
# test for min covar of gmm

GMM min covar: 0.1 ,training\_model\_3, variable name: size  
sibling order: 1



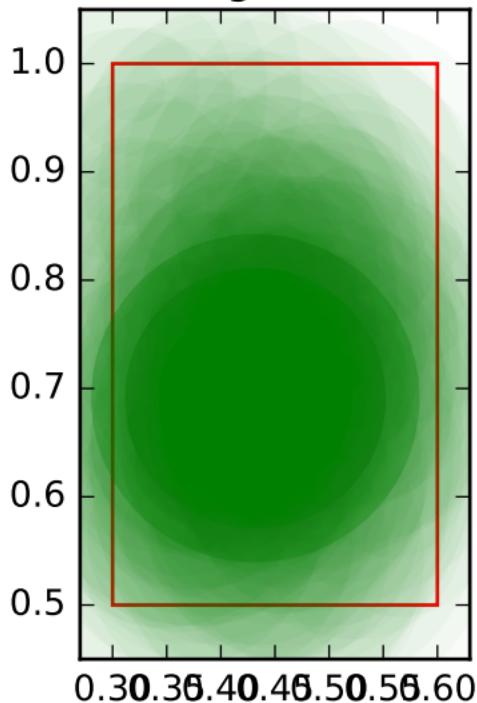
# test for min covar of gmm

GMM min covar: 0.1 ,training\_model\_3, variable name:  
position sibling order: 1



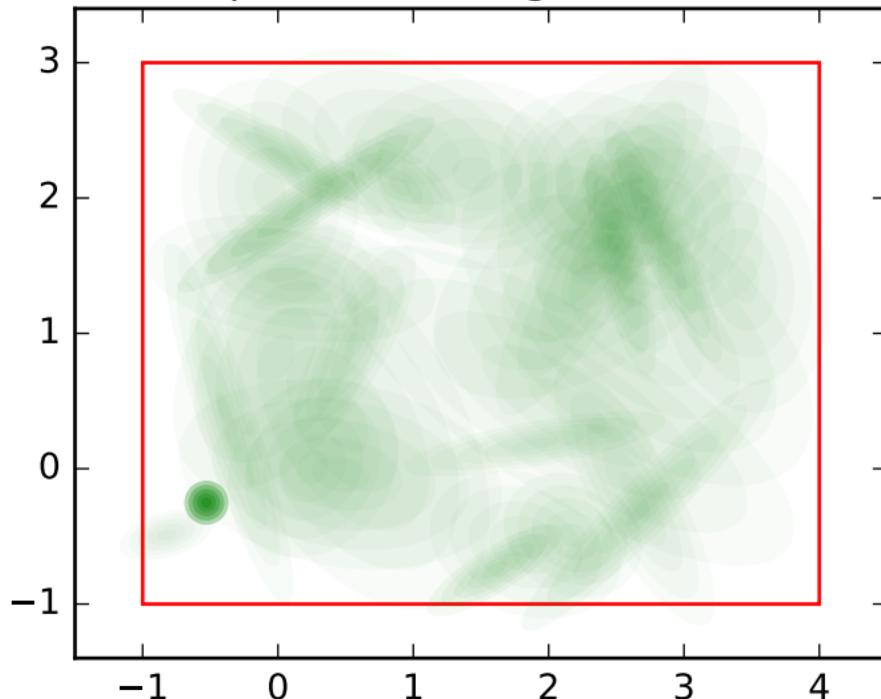
# test for min covar of gmm

GMM min covar: 0.1 ,training\_model\_3, variable name: size  
sibling order: 2



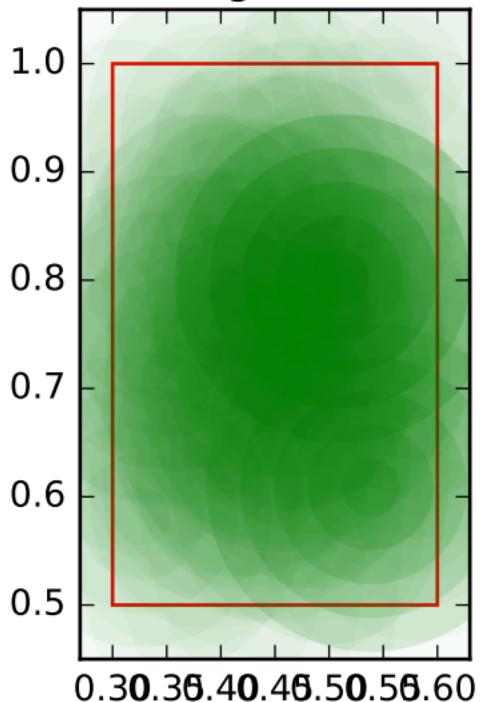
# test for min covar of gmm

GMM min covar: 0.1 ,training\_model\_3, variable name:  
position sibling order: 2



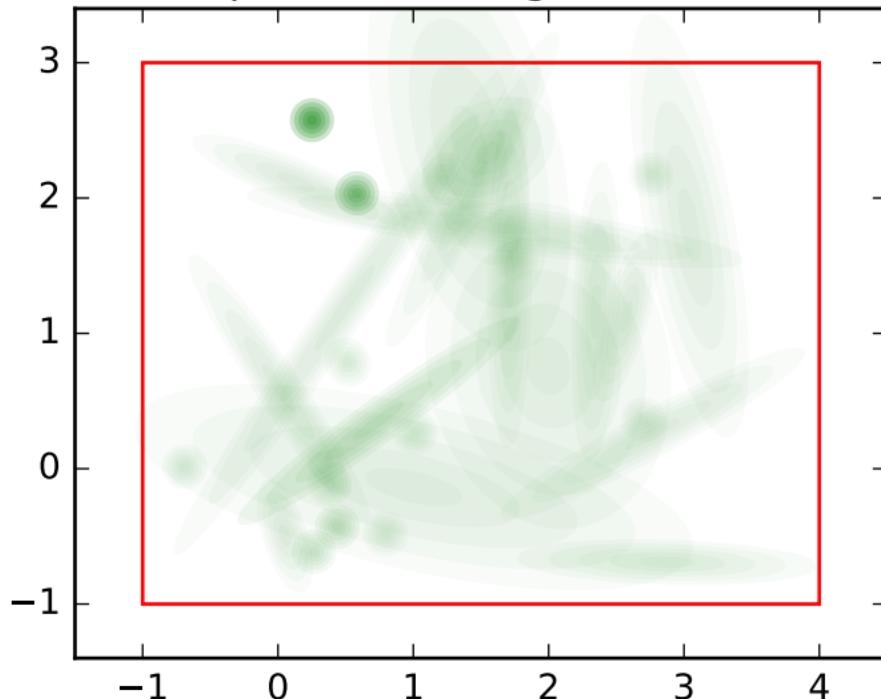
# test for min covar of gmm

GMM min covar: 0.1 ,training\_model\_3, variable name: size  
sibling order: 3



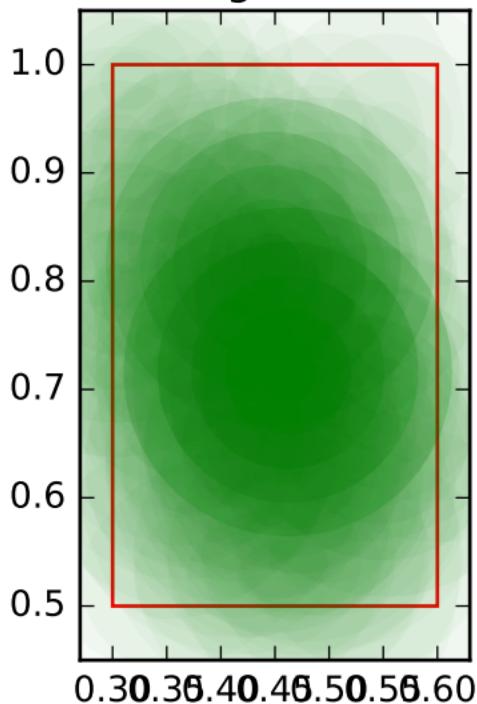
# test for min covar of gmm

GMM min covar: 0.1 ,training\_model\_3, variable name:  
position sibling order: 3



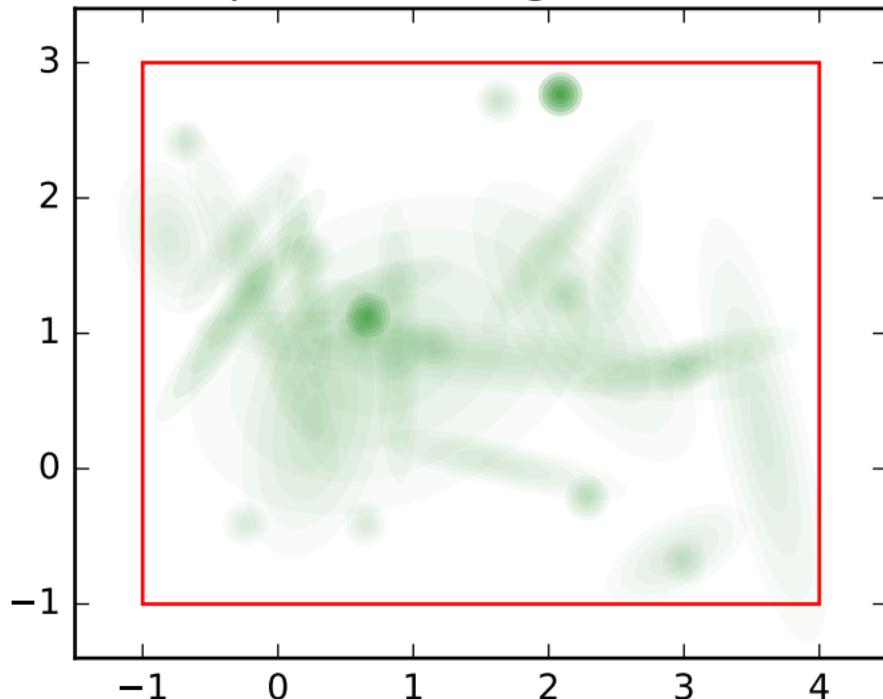
# test for min covar of gmm

GMM min covar: 0.1 ,training\_model\_3, variable name: size  
sibling order: 4



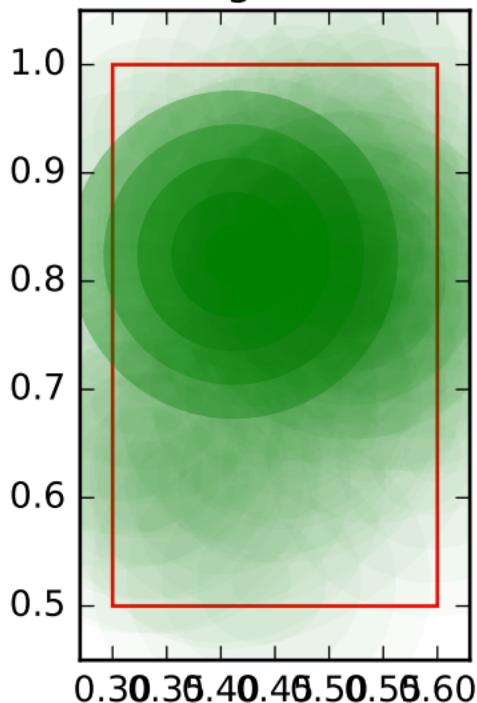
# test for min covar of gmm

GMM min covar: 0.1 ,training\_model\_3, variable name:  
position sibling order: 4



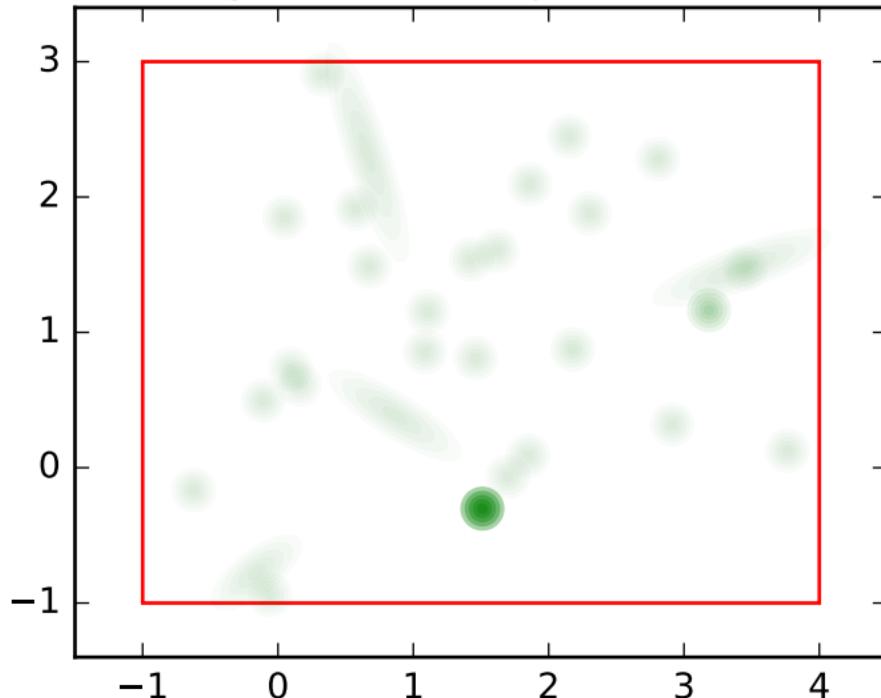
# test for min covar of gmm

GMM min covar: 0.1 ,training\_model\_4, variable name: size  
sibling order: 0



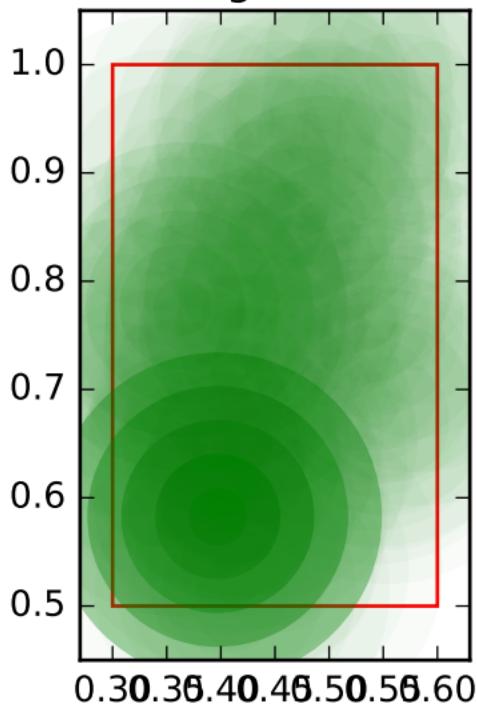
# test for min covar of gmm

GMM min covar: 0.1 ,training\_model\_4, variable name:  
position sibling order: 0



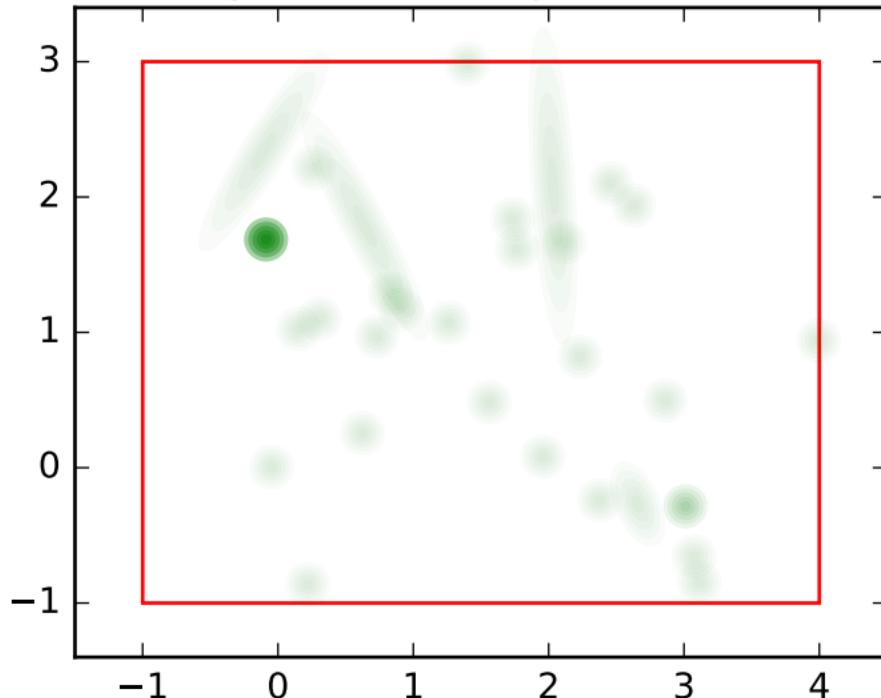
# test for min covar of gmm

GMM min covar: 0.1 ,training\_model\_4, variable name: size  
sibling order: 1



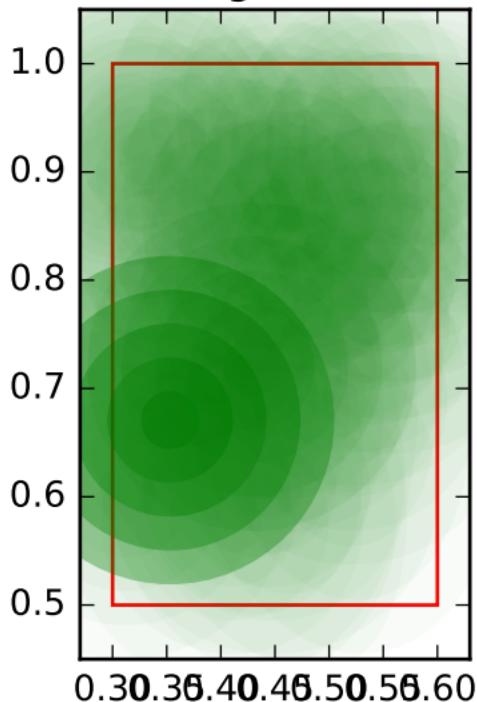
# test for min covar of gmm

GMM min covar: 0.1 ,training\_model\_4, variable name:  
position sibling order: 1



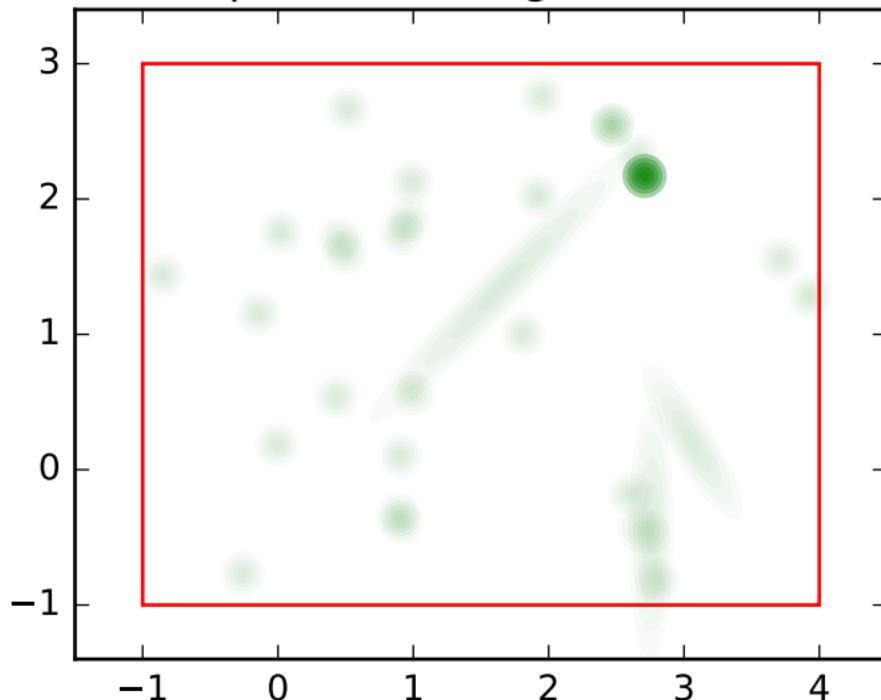
# test for min covar of gmm

GMM min covar: 0.1 ,training\_model\_4, variable name: size  
sibling order: 2



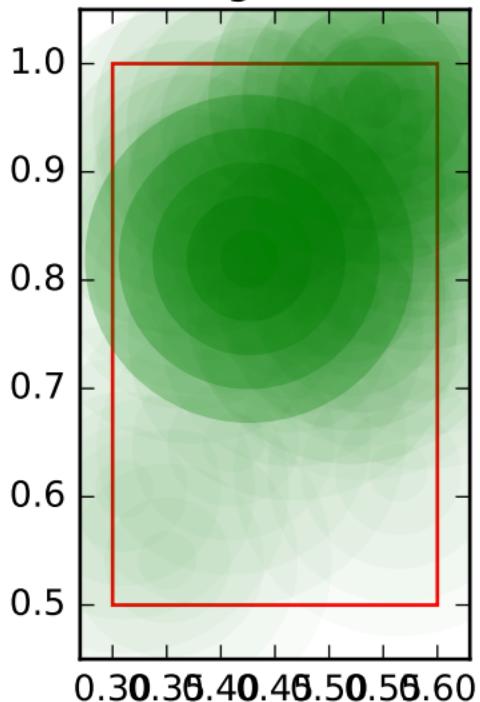
# test for min covar of gmm

GMM min covar: 0.1 ,training\_model\_4, variable name:  
position sibling order: 2



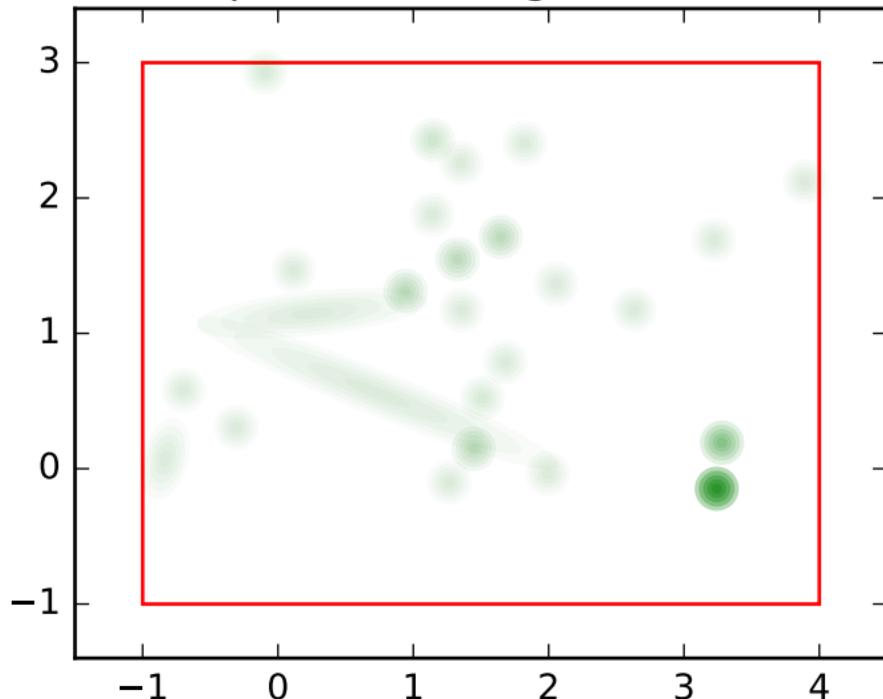
# test for min covar of gmm

GMM min covar: 0.1 ,training\_model\_4, variable name: size  
sibling order: 3



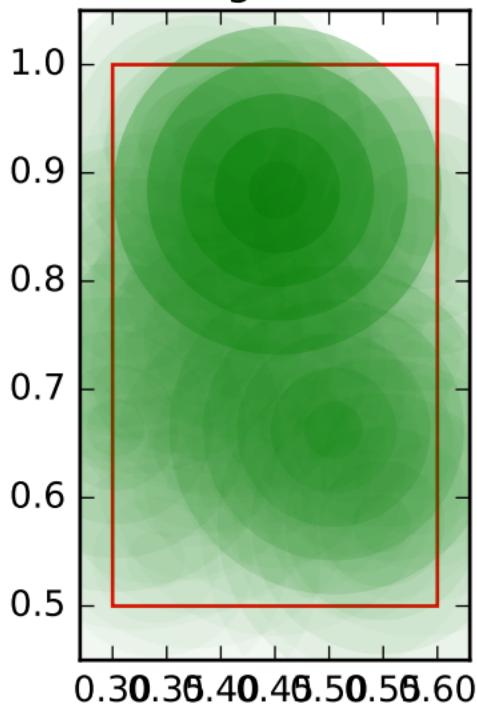
# test for min covar of gmm

GMM min covar: 0.1 ,training\_model\_4, variable name:  
position sibling order: 3



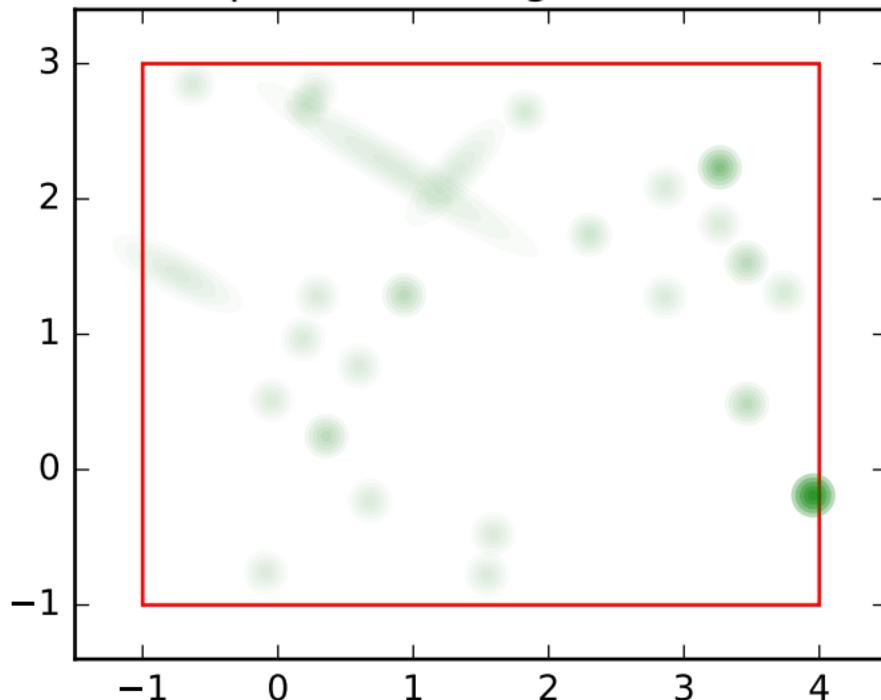
# test for min covar of gmm

GMM min covar: 0.1 ,training\_model\_4, variable name: size  
sibling order: 4



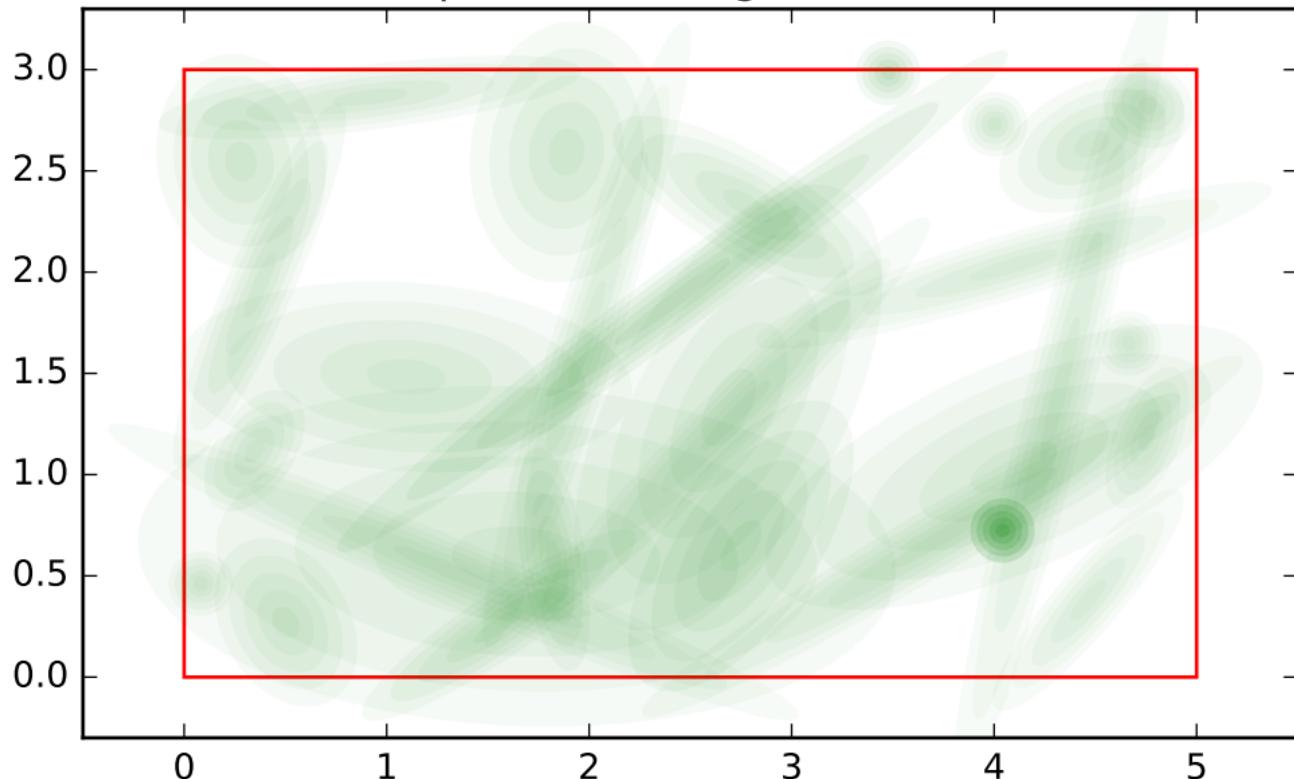
# test for min covar of gmm

GMM min covar: 0.1 ,training\_model\_4, variable name:  
position sibling order: 4



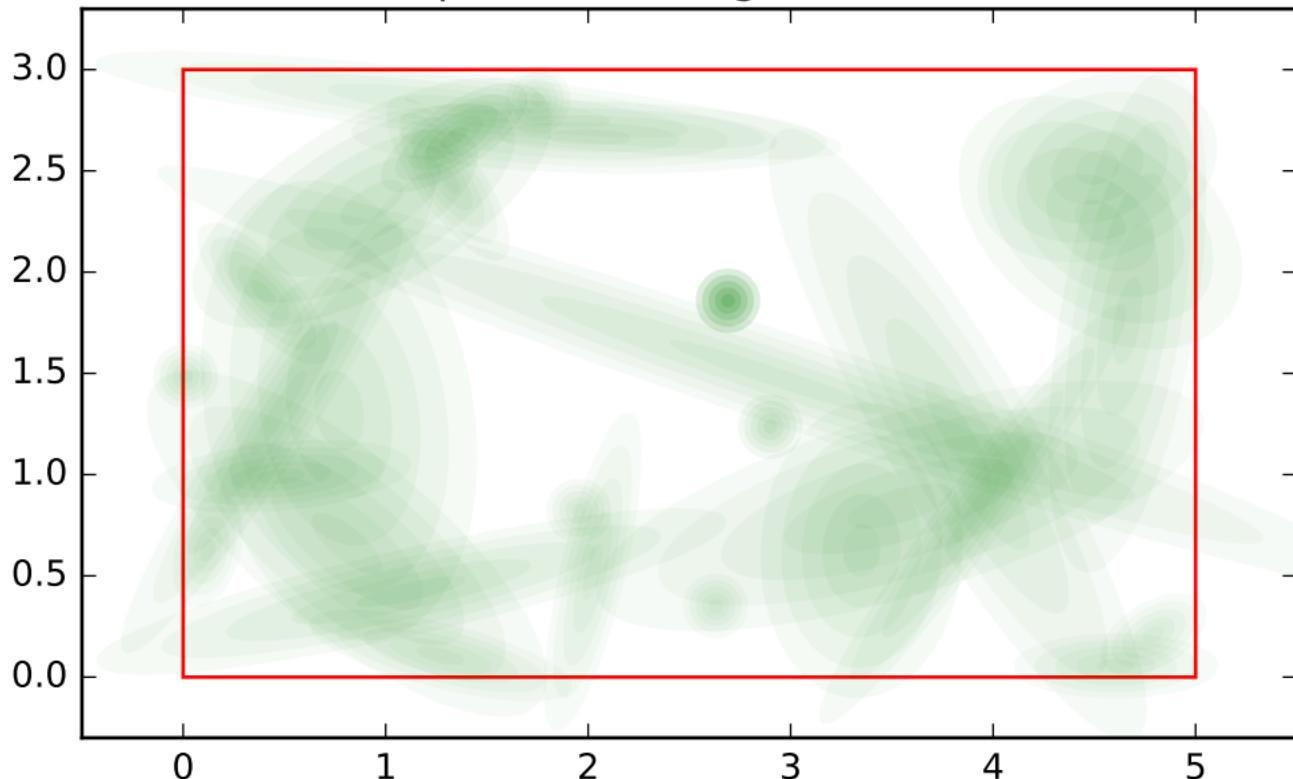
test for min covar of gmm

GMM min covar: 0.01 ,training\_model\_0, variable name:  
position sibling order: 0



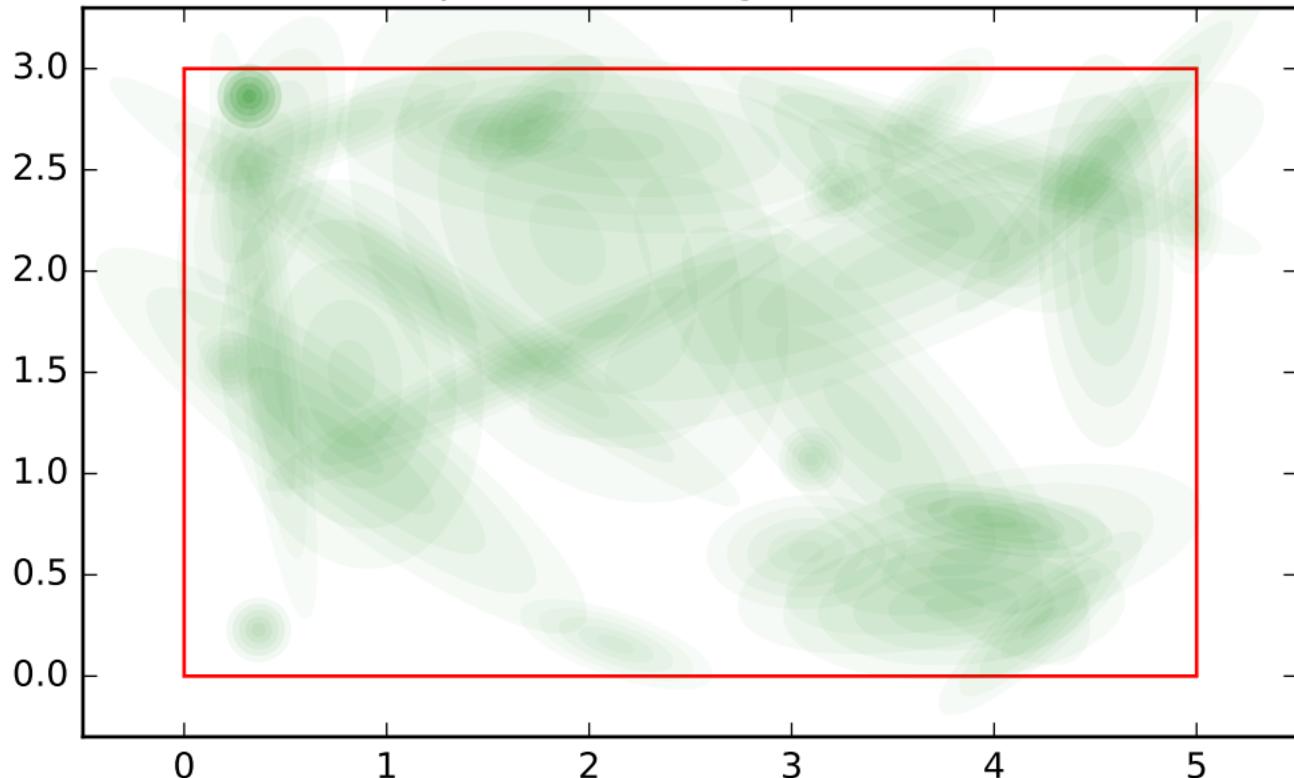
test for min covar of gmm

GMM min covar: 0.01 ,training\_model\_0, variable name:  
position sibling order: 1



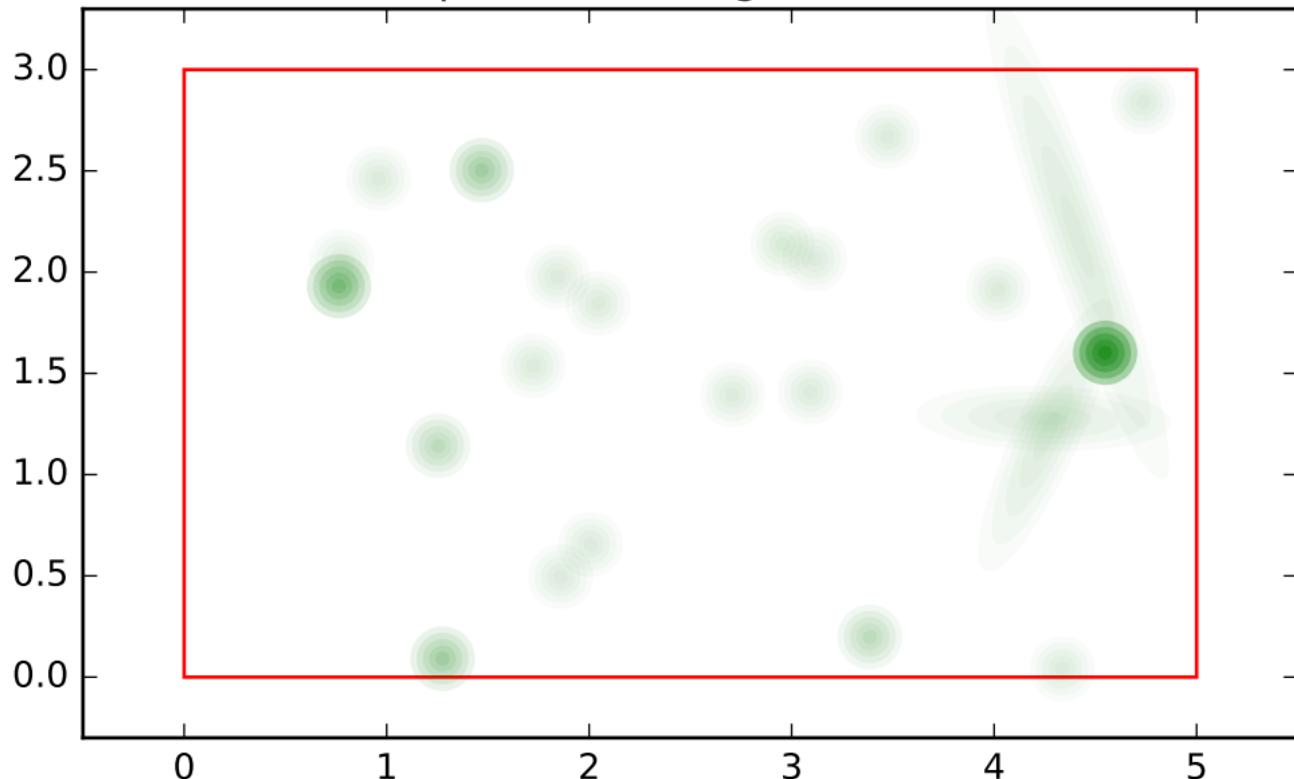
test for min covar of gmm

GMM min covar: 0.01 ,training\_model\_0, variable name:  
position sibling order: 2



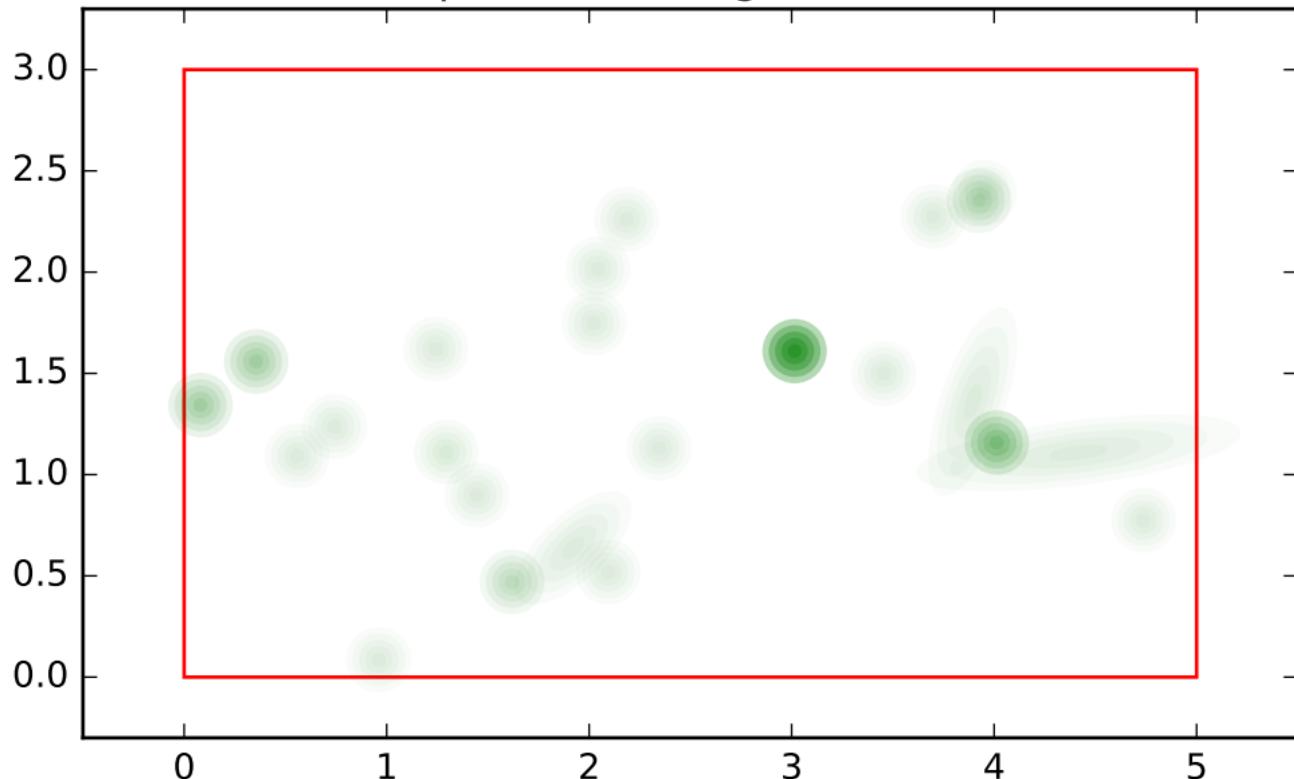
test for min covar of gmm

GMM min covar: 0.01 ,training\_model\_0, variable name:  
position sibling order: 3



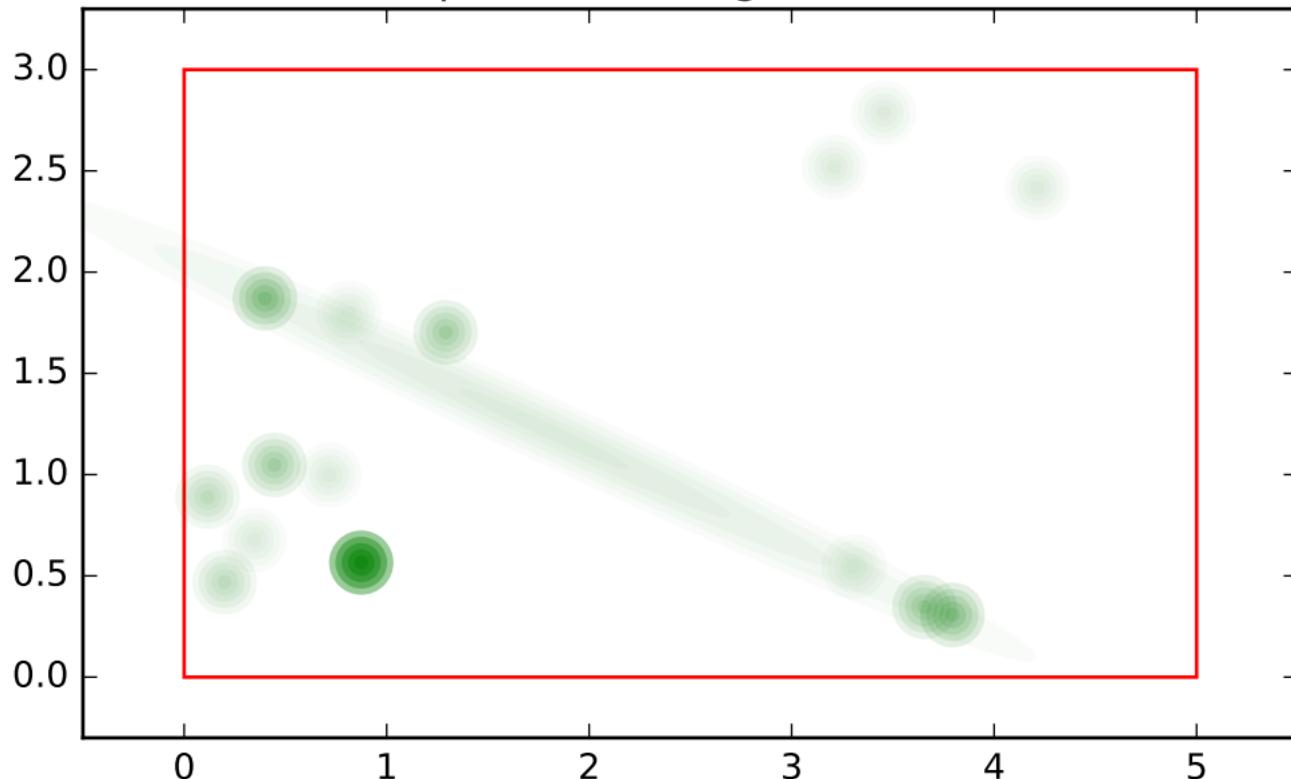
test for min covar of gmm

GMM min covar: 0.01 ,training\_model\_0, variable name:  
position sibling order: 4



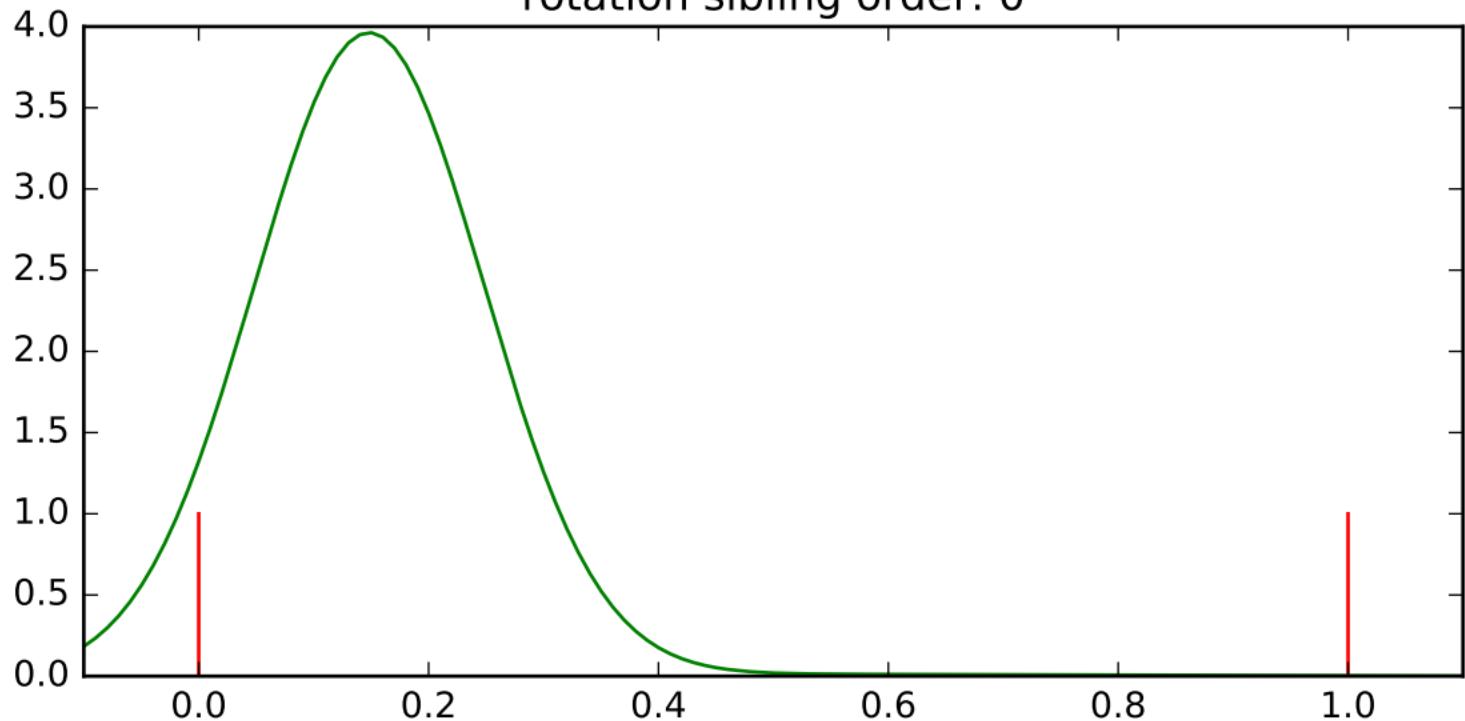
# test for min covar of gmm

GMM min covar: 0.01 ,training\_model\_1, variable name:  
position sibling order: 0



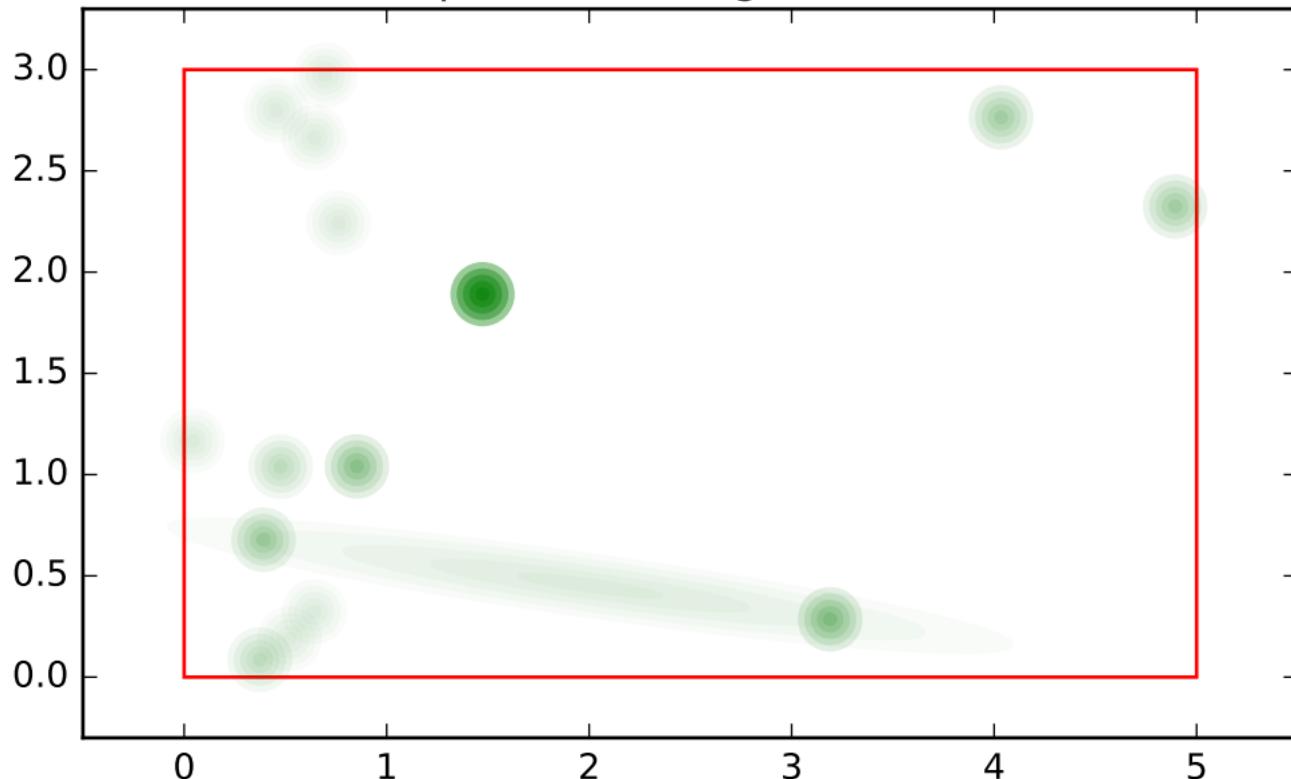
test for min covar of gmm

GMM min covar: 0.01 ,training\_model\_1, variable name:  
rotation sibling order: 0



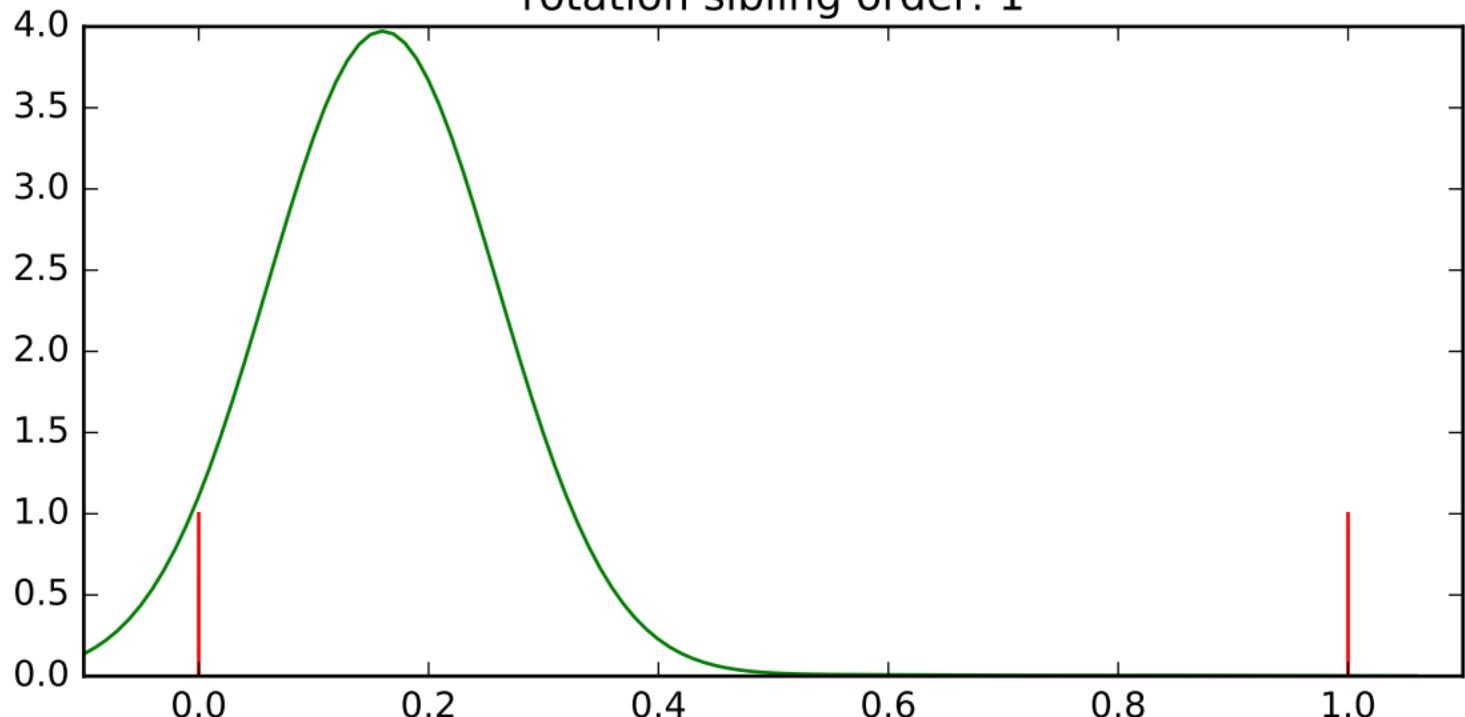
# test for min covar of gmm

GMM min covar: 0.01 ,training\_model\_1, variable name:  
position sibling order: 1



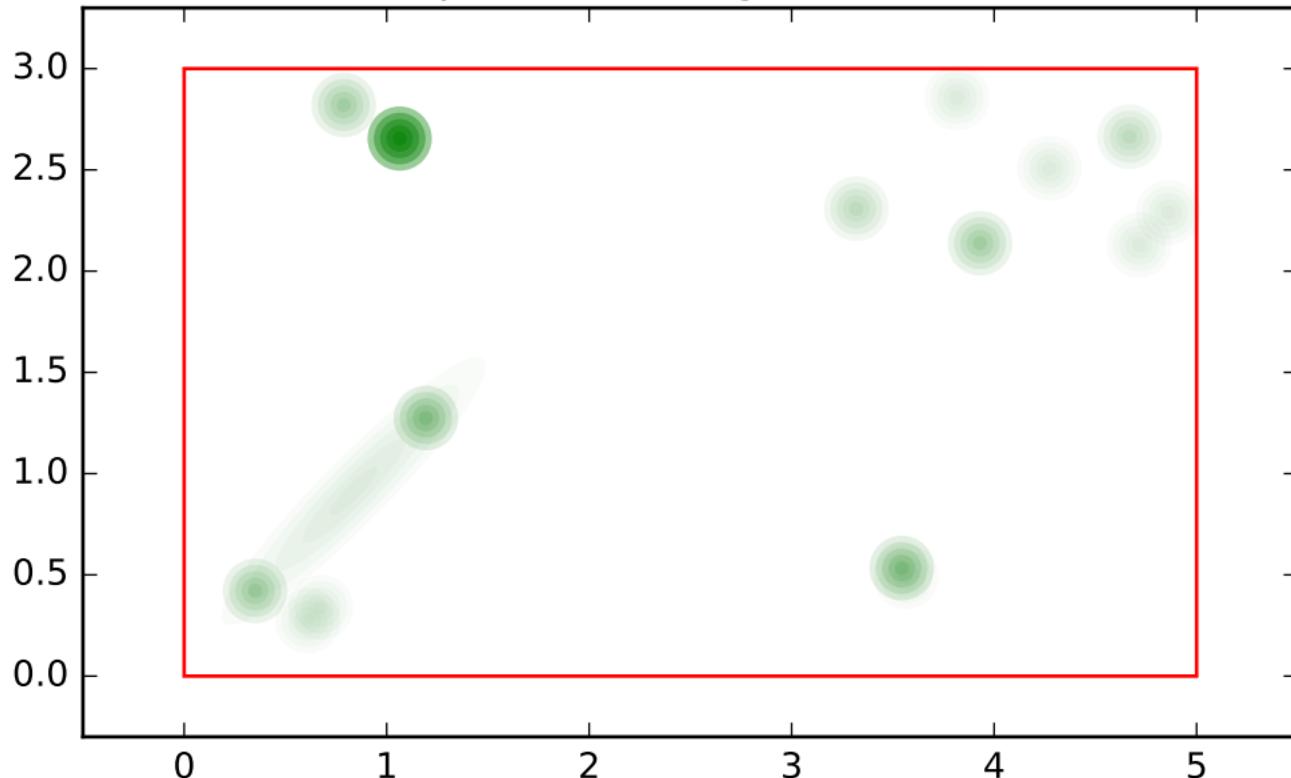
# test for min covar of gmm

GMM min covar: 0.01 ,training\_model\_1, variable name:  
rotation sibling order: 1



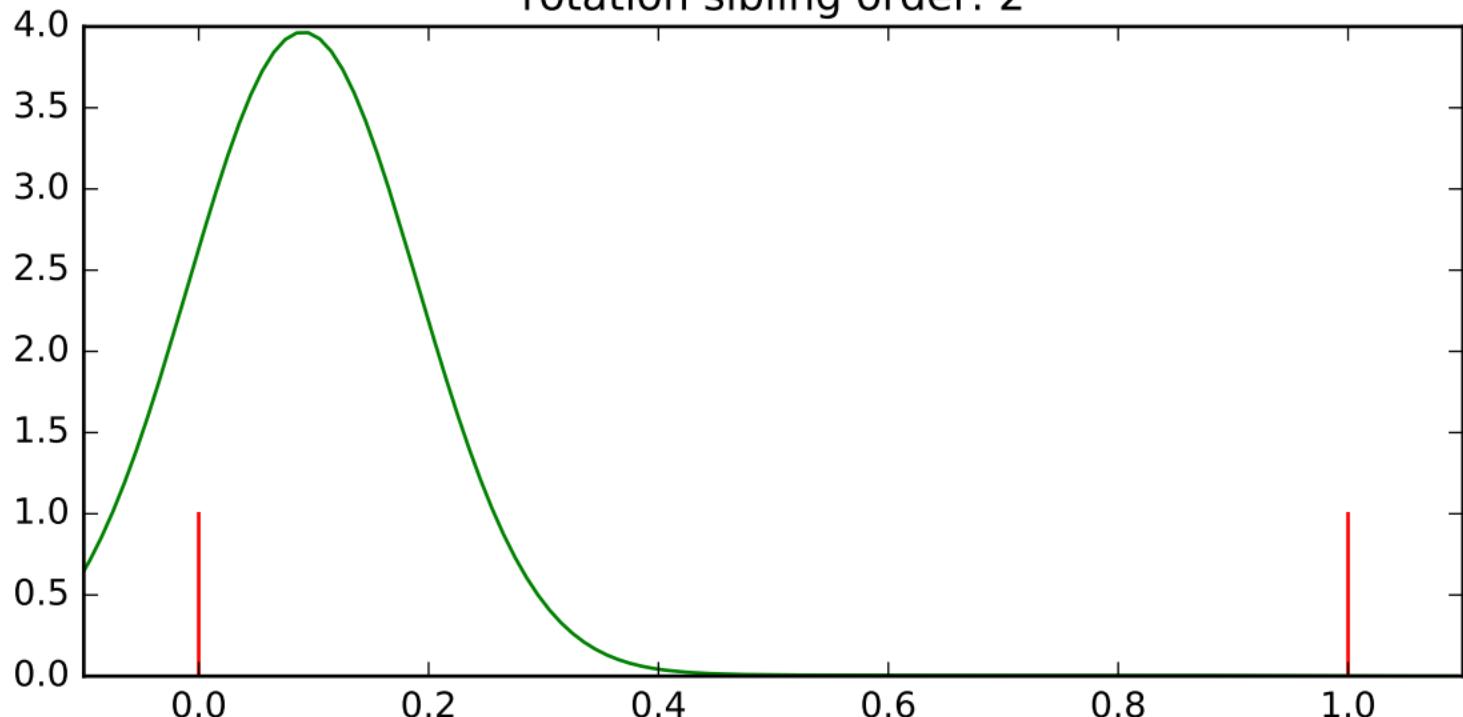
test for min covar of gmm

GMM min covar: 0.01 ,training\_model\_1, variable name:  
position sibling order: 2



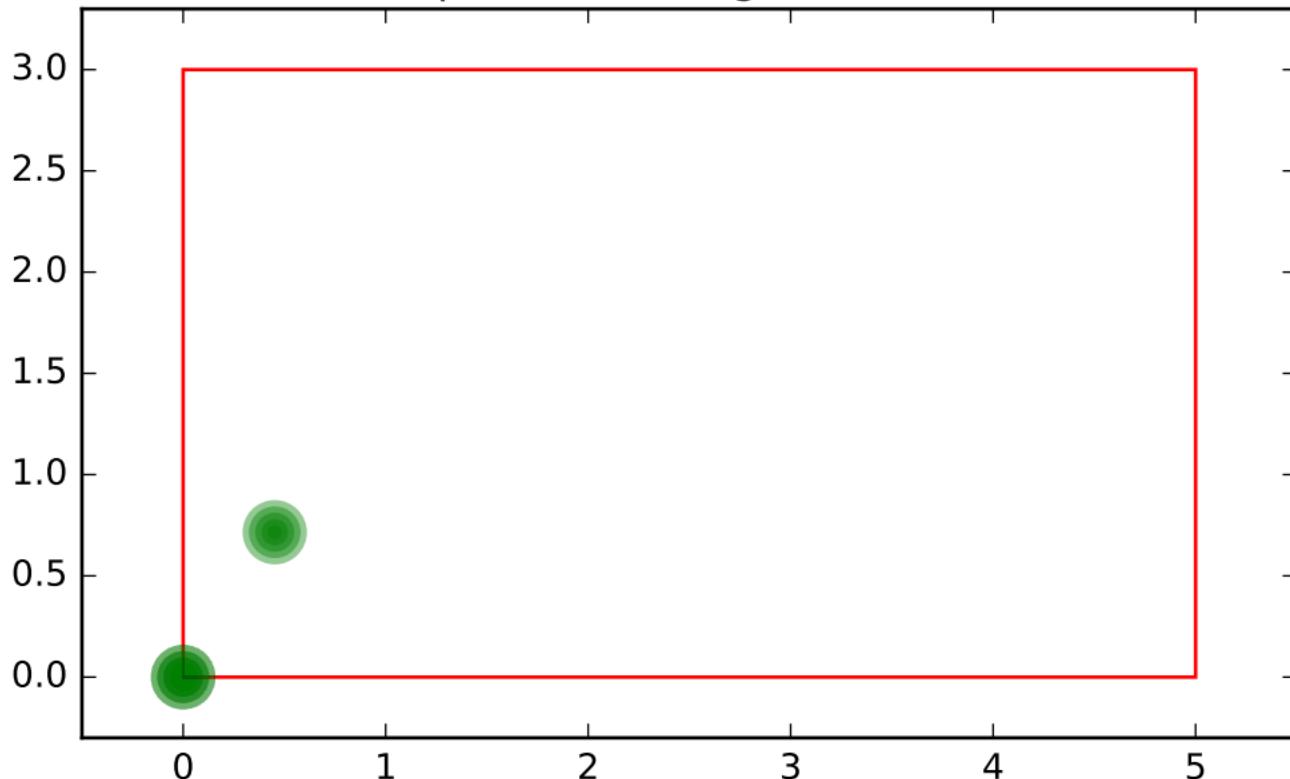
# test for min covar of gmm

GMM min covar: 0.01 ,training\_model\_1, variable name:  
rotation sibling order: 2



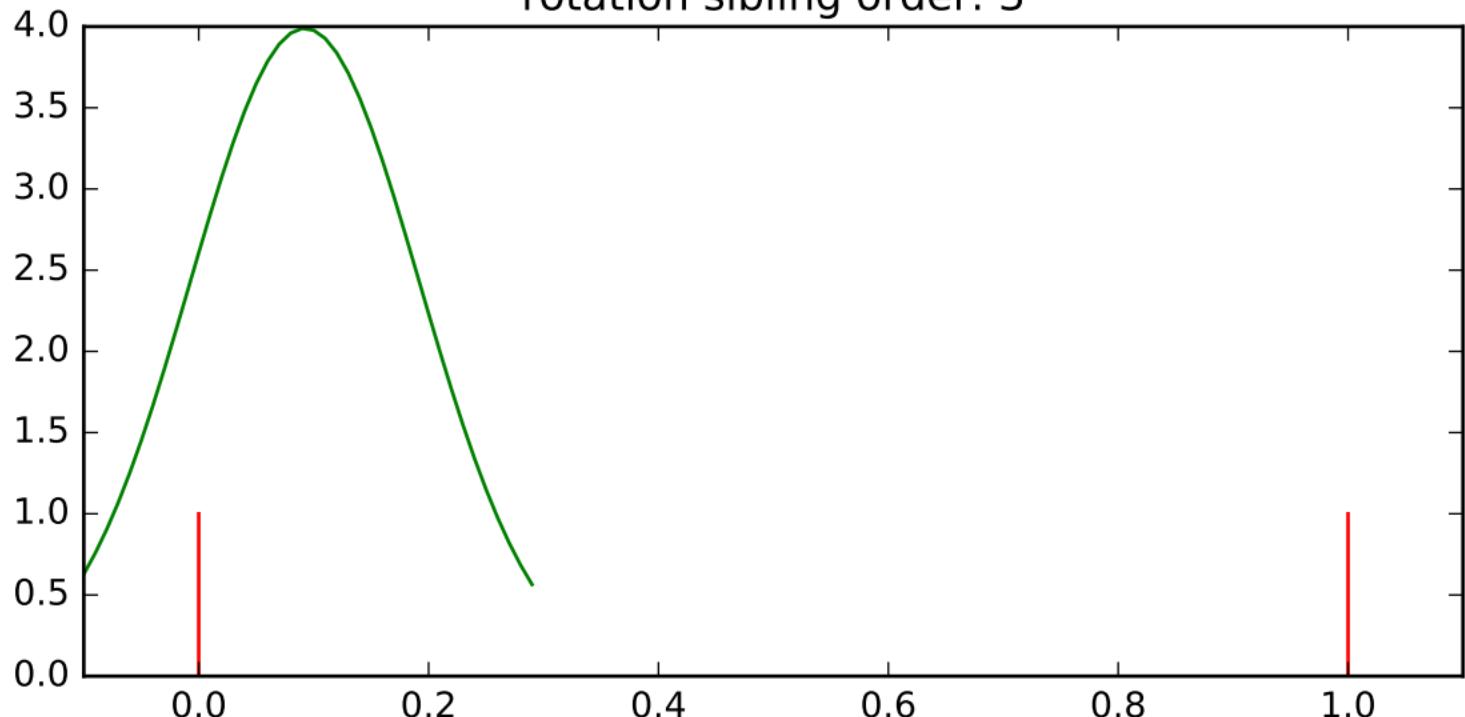
test for min covar of gmm

GMM min covar: 0.01 ,training\_model\_1, variable name:  
position sibling order: 3



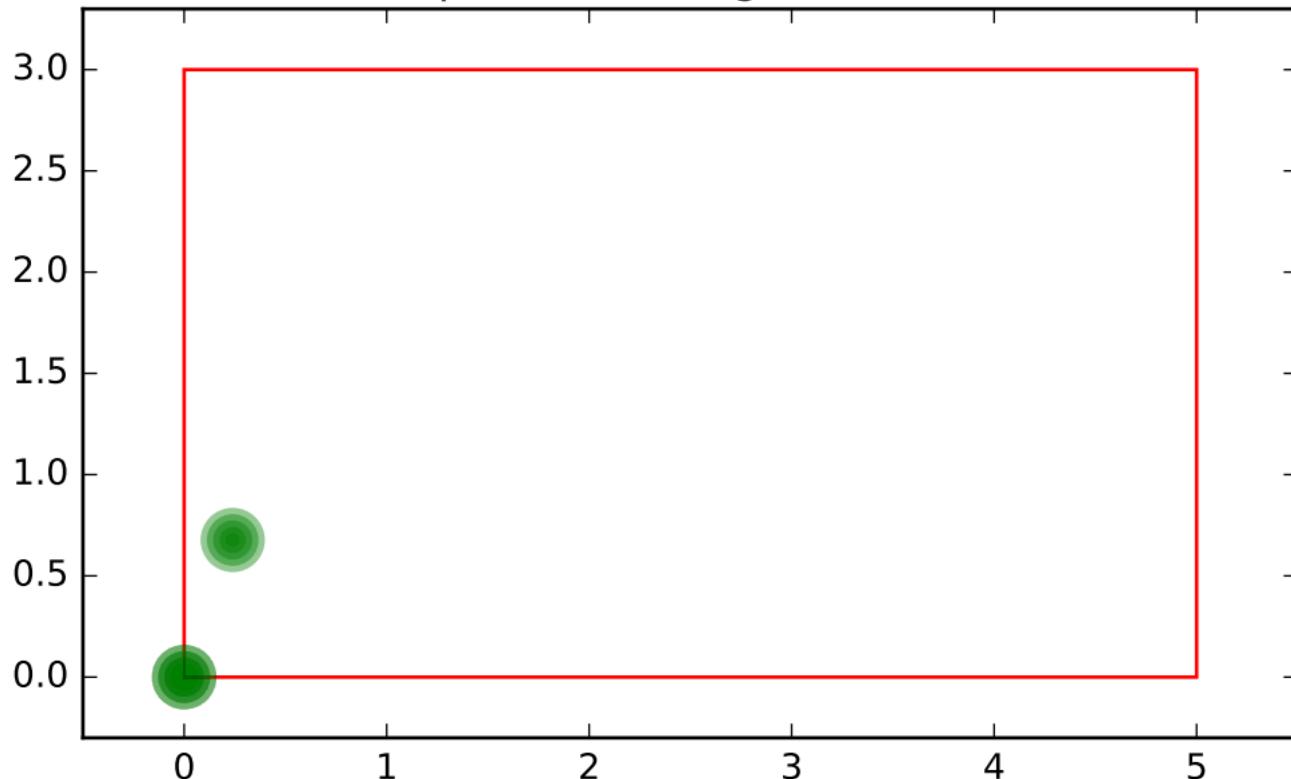
# test for min covar of gmm

GMM min covar: 0.01 ,training\_model\_1, variable name:  
rotation sibling order: 3



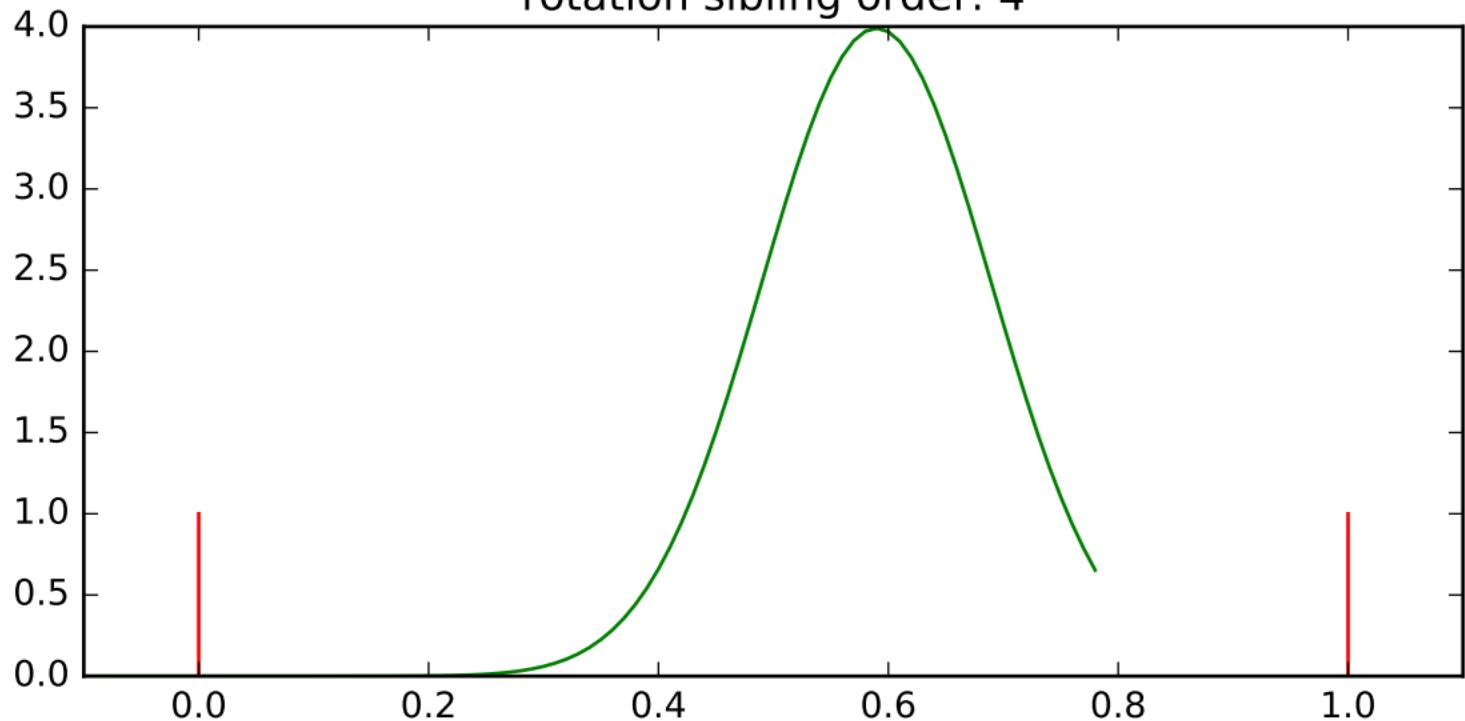
test for min covar of gmm

GMM min covar: 0.01 ,training\_model\_1, variable name:  
position sibling order: 4



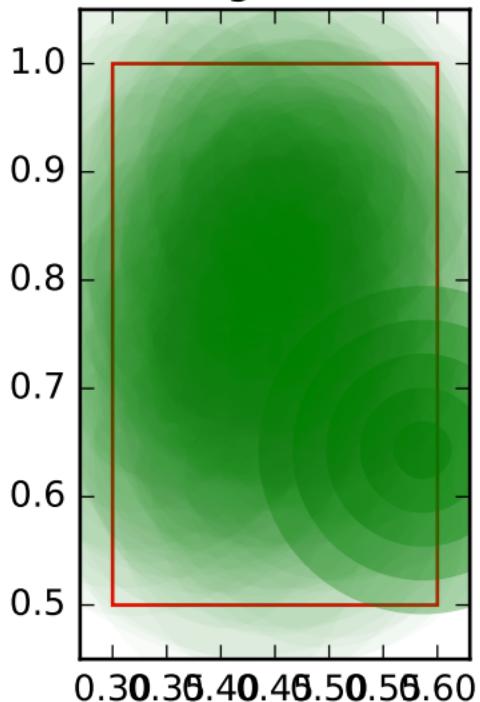
# test for min covar of gmm

GMM min covar: 0.01 ,training\_model\_1, variable name:  
rotation sibling order: 4



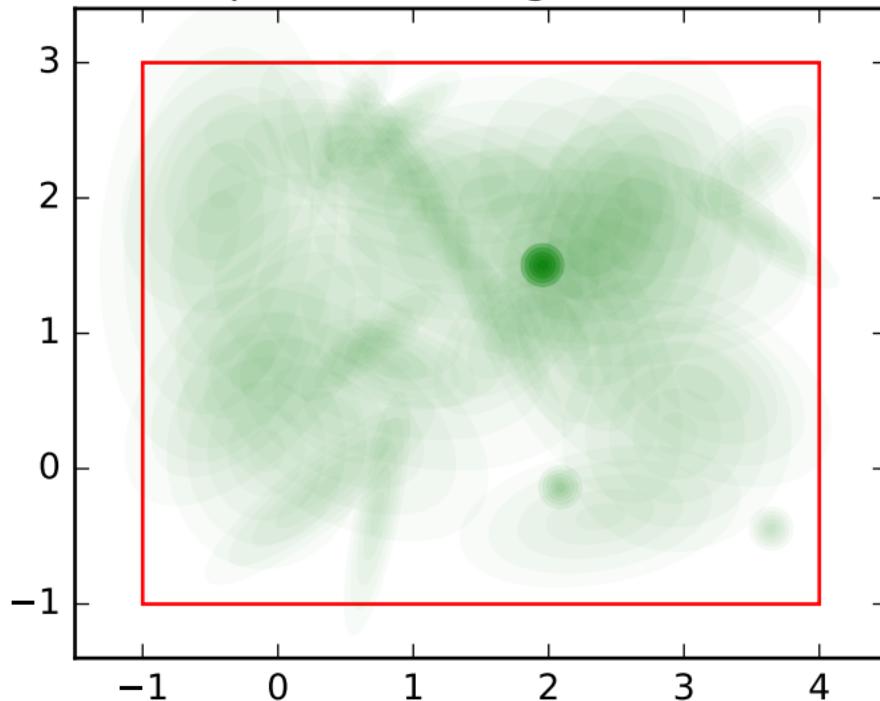
# test for min covar of gmm

GMM min covar: 0.01 ,training\_model\_3, variable name: size  
sibling order: 0



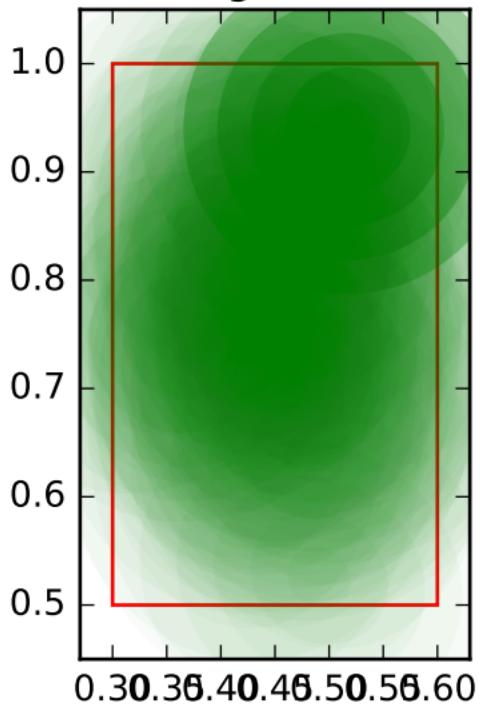
# test for min covar of gmm

GMM min covar: 0.01 ,training\_model\_3, variable name:  
position sibling order: 0



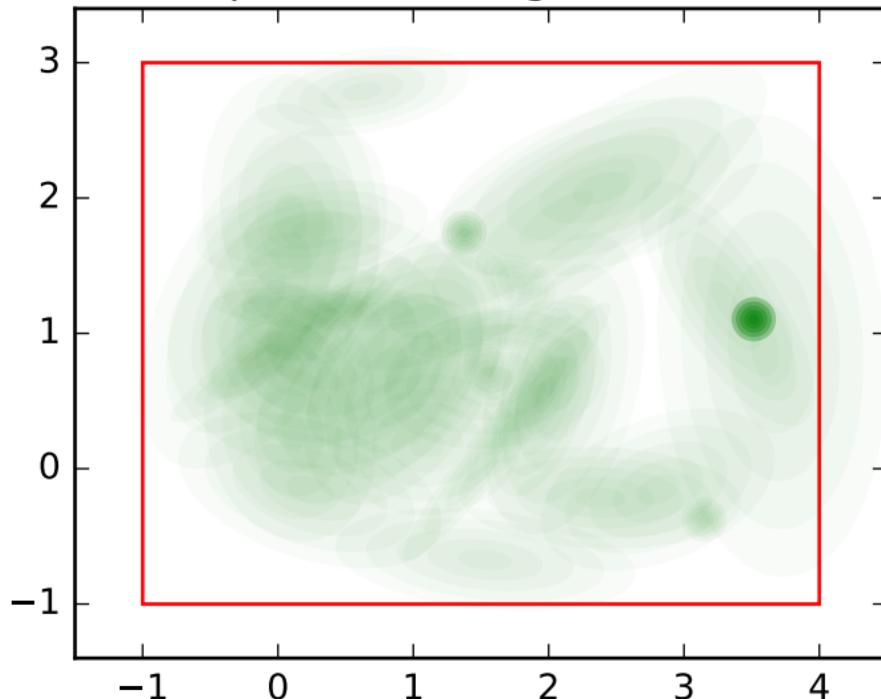
# test for min covar of gmm

GMM min covar: 0.01 ,training\_model\_3, variable name: size  
sibling order: 1



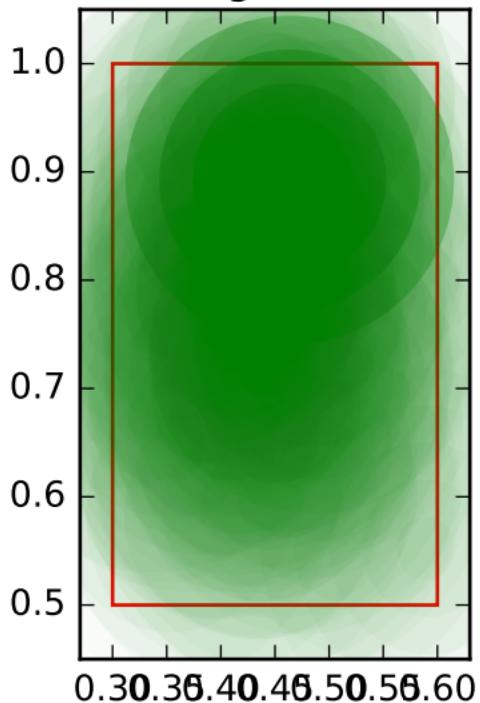
# test for min covar of gmm

GMM min covar: 0.01 ,training\_model\_3, variable name:  
position sibling order: 1



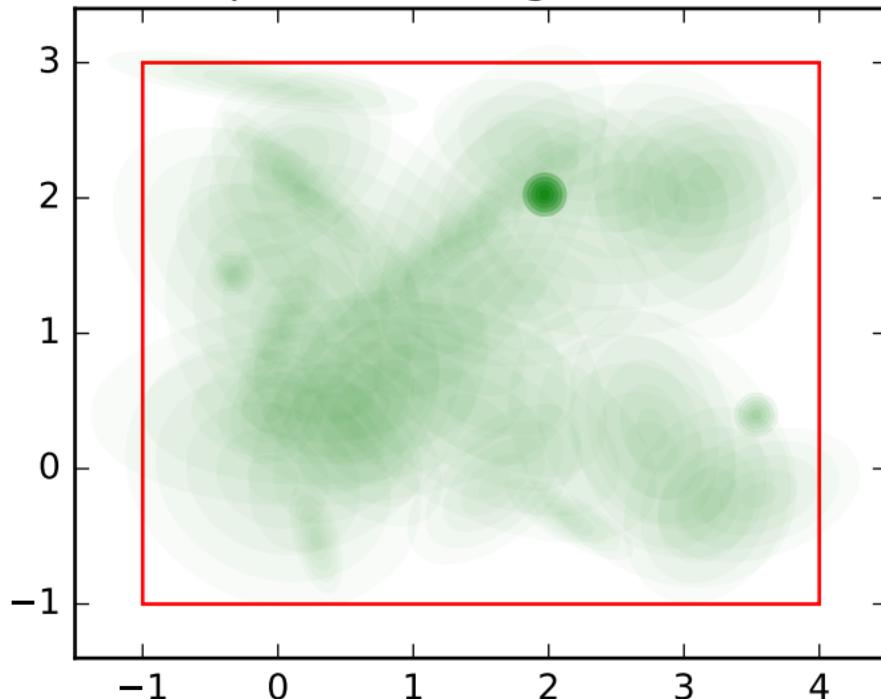
# test for min covar of gmm

GMM min covar: 0.01 ,training\_model\_3, variable name: size  
sibling order: 2



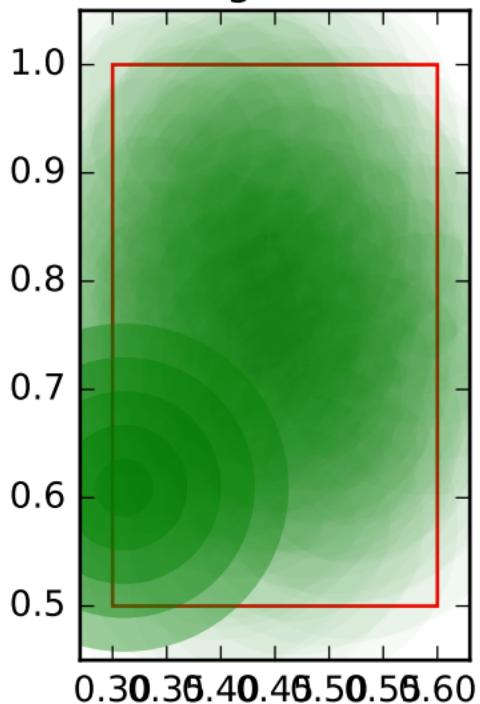
# test for min covar of gmm

GMM min covar: 0.01 ,training\_model\_3, variable name:  
position sibling order: 2



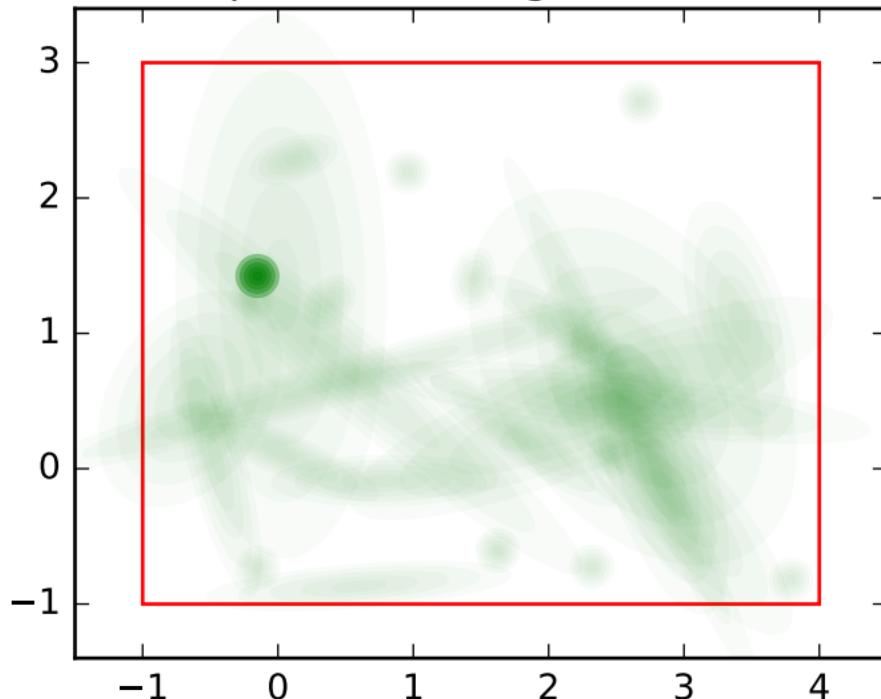
# test for min covar of gmm

GMM min covar: 0.01 ,training\_model\_3, variable name: size  
sibling order: 3



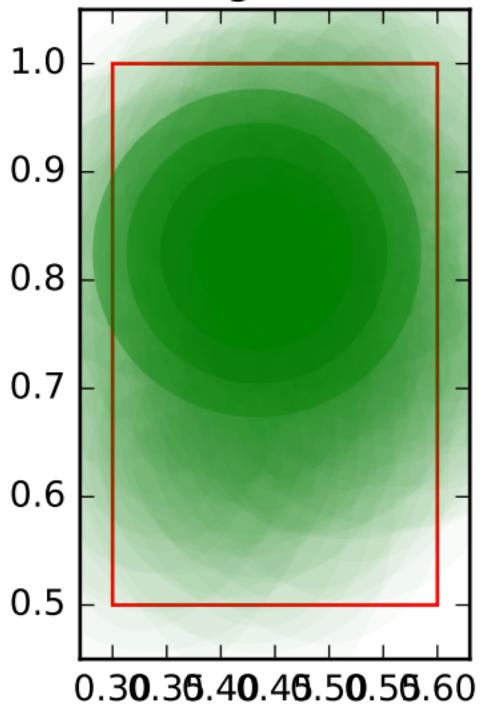
# test for min covar of gmm

GMM min covar: 0.01 ,training\_model\_3, variable name:  
position sibling order: 3



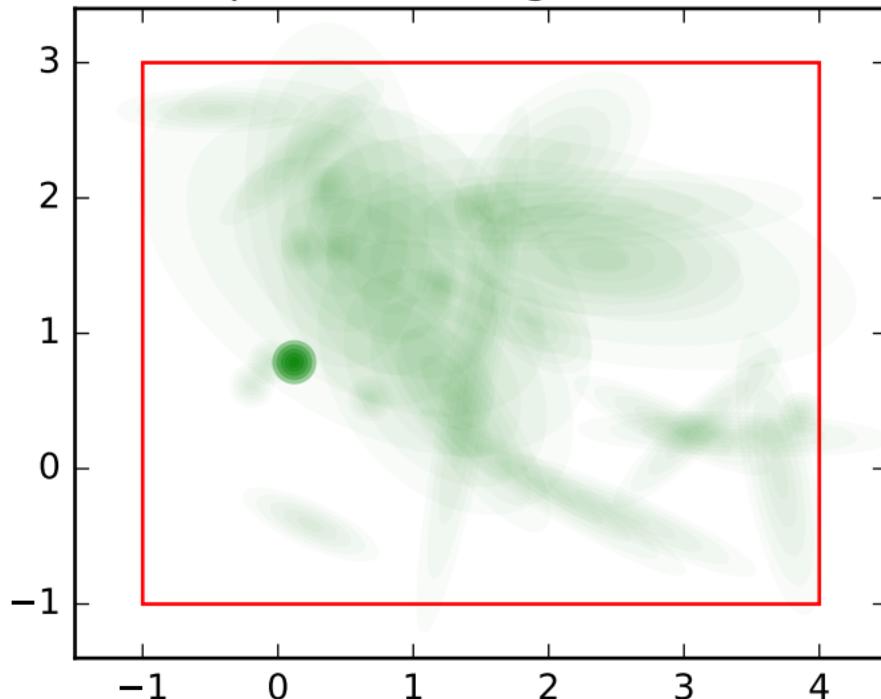
# test for min covar of gmm

GMM min covar: 0.01 ,training\_model\_3, variable name: size  
sibling order: 4



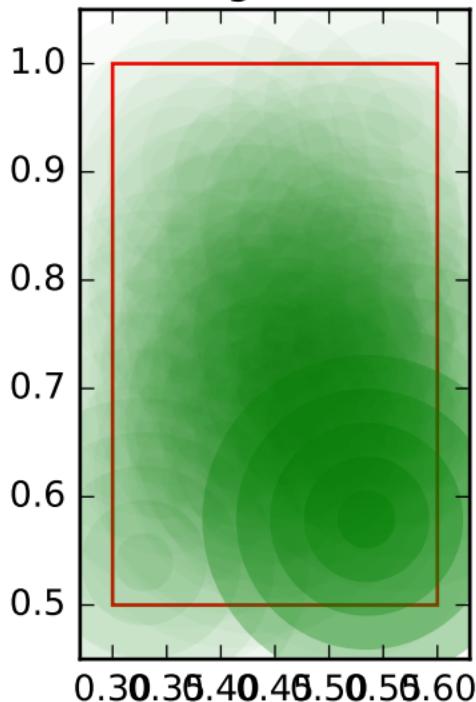
# test for min covar of gmm

GMM min covar: 0.01 ,training\_model\_3, variable name:  
position sibling order: 4



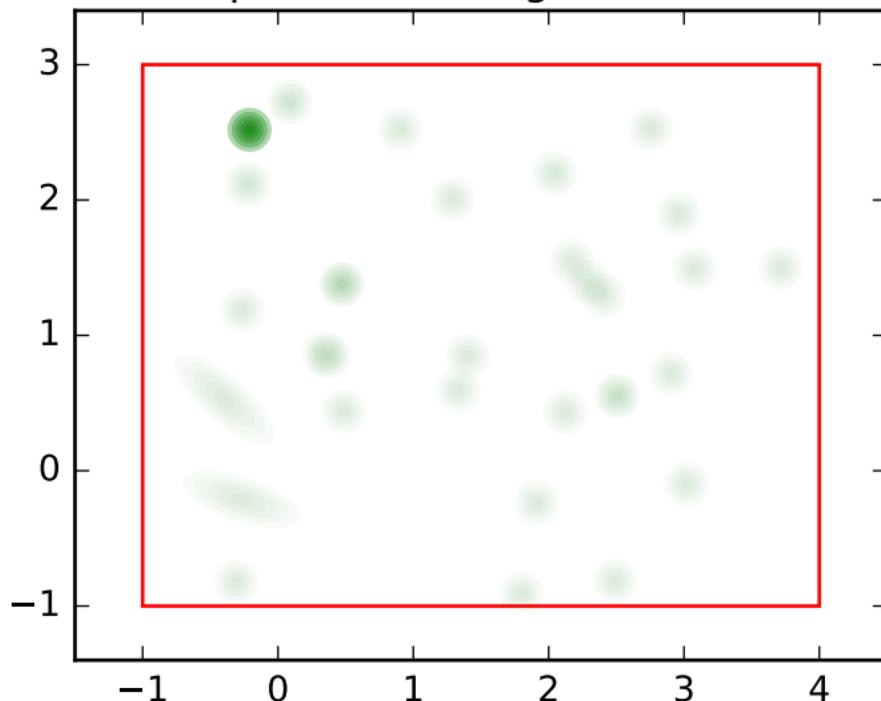
# test for min covar of gmm

GMM min covar: 0.01 ,training\_model\_4, variable name: size  
sibling order: 0



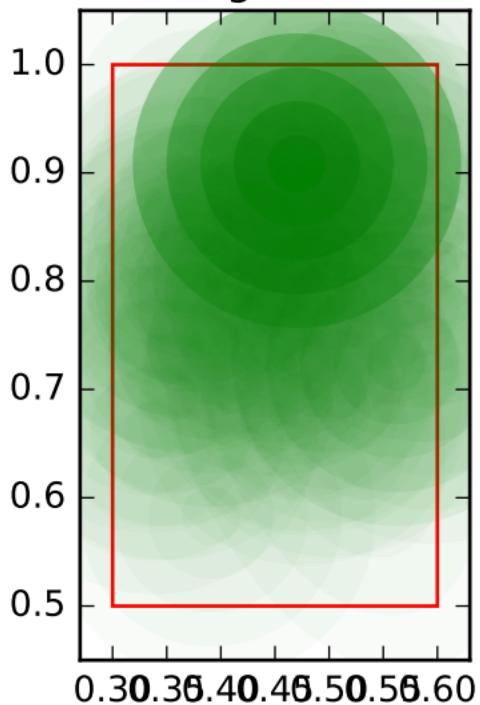
# test for min covar of gmm

GMM min covar: 0.01 ,training\_model\_4, variable name:  
position sibling order: 0



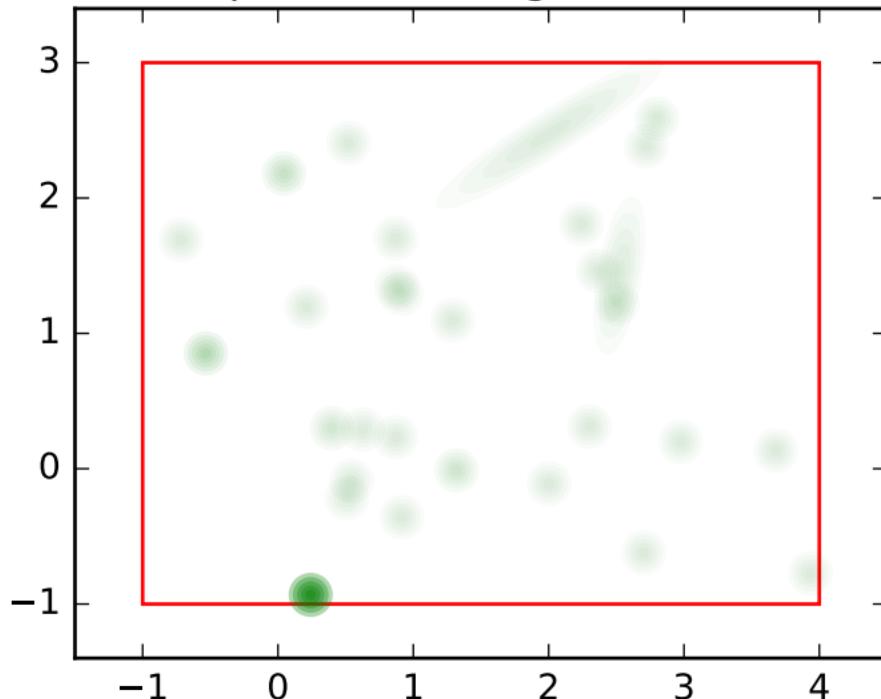
# test for min covar of gmm

GMM min covar: 0.01 ,training\_model\_4, variable name: size  
sibling order: 1



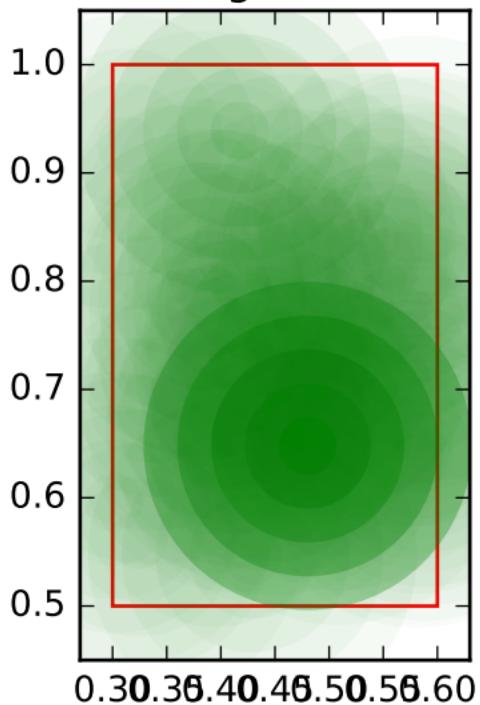
# test for min covar of gmm

GMM min covar: 0.01 ,training\_model\_4, variable name:  
position sibling order: 1



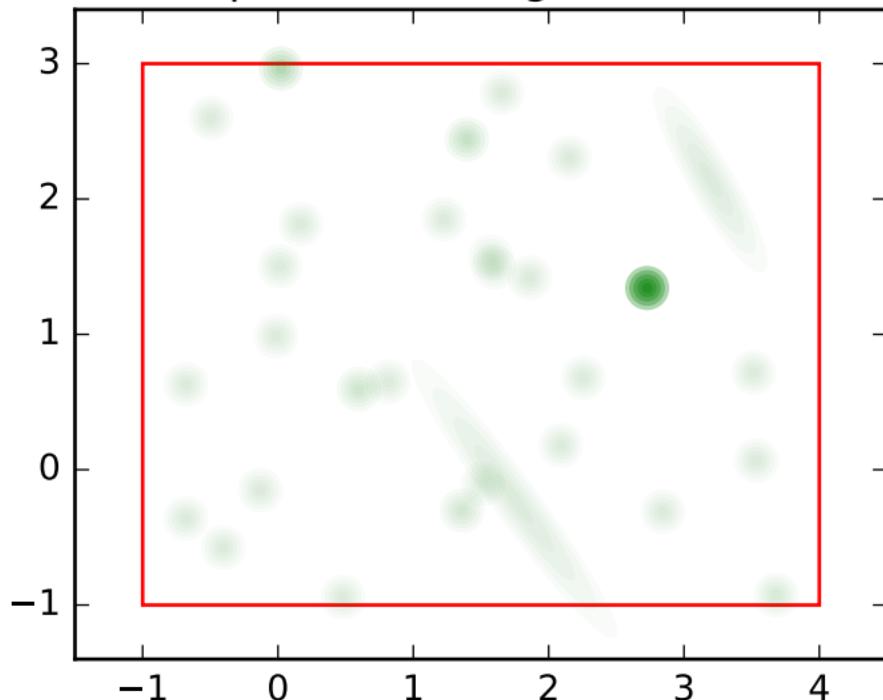
# test for min covar of gmm

GMM min covar: 0.01 ,training\_model\_4, variable name: size  
sibling order: 2



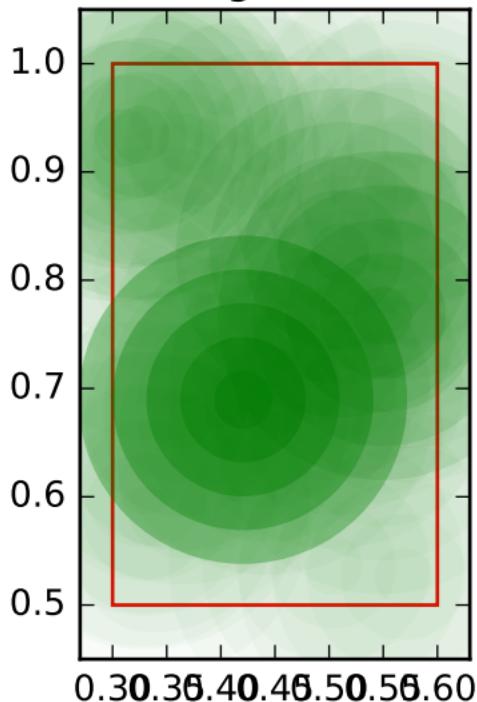
# test for min covar of gmm

GMM min covar: 0.01 ,training\_model\_4, variable name:  
position sibling order: 2



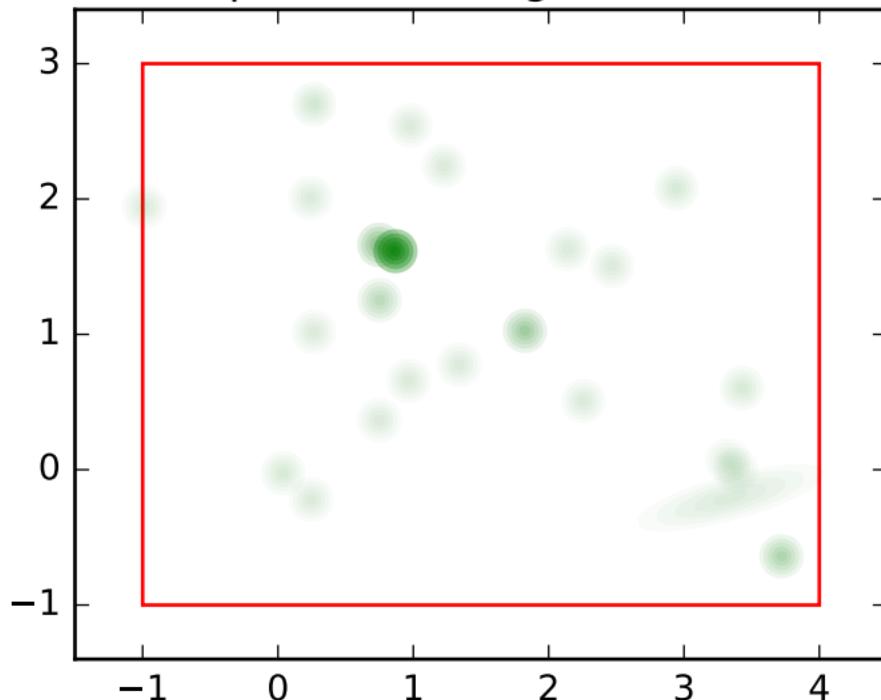
# test for min covar of gmm

GMM min covar: 0.01 ,training\_model\_4, variable name: size  
sibling order: 3



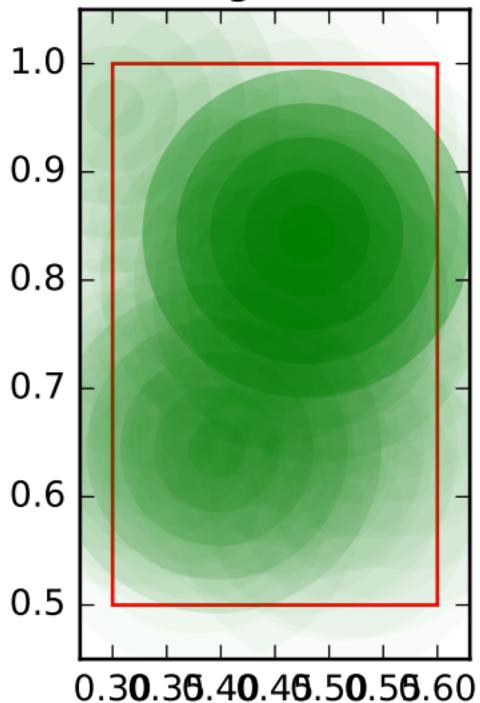
# test for min covar of gmm

GMM min covar: 0.01 ,training\_model\_4, variable name:  
position sibling order: 3



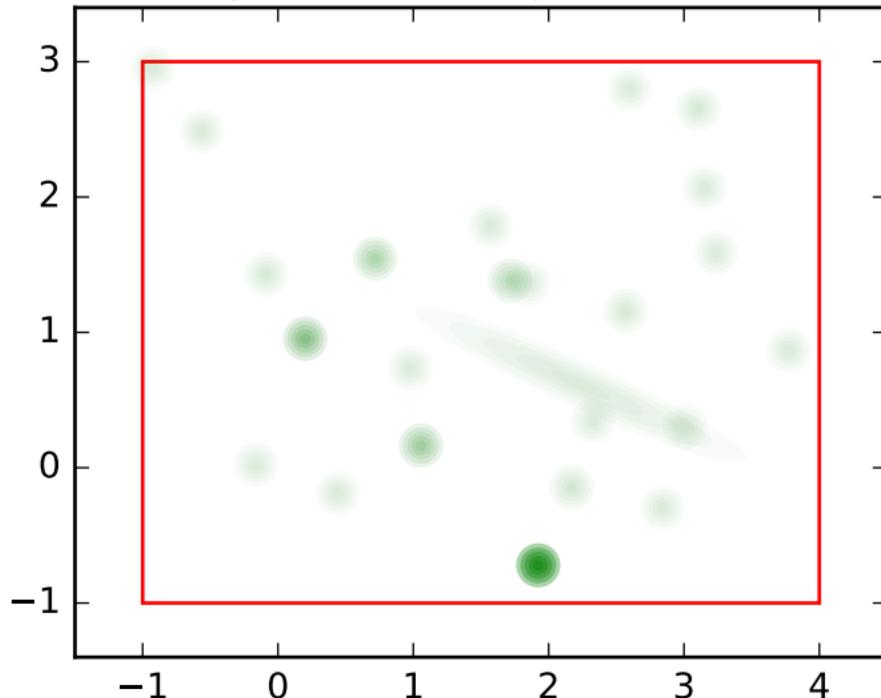
# test for min covar of gmm

GMM min covar: 0.01 ,training\_model\_4, variable name: size  
sibling order: 4



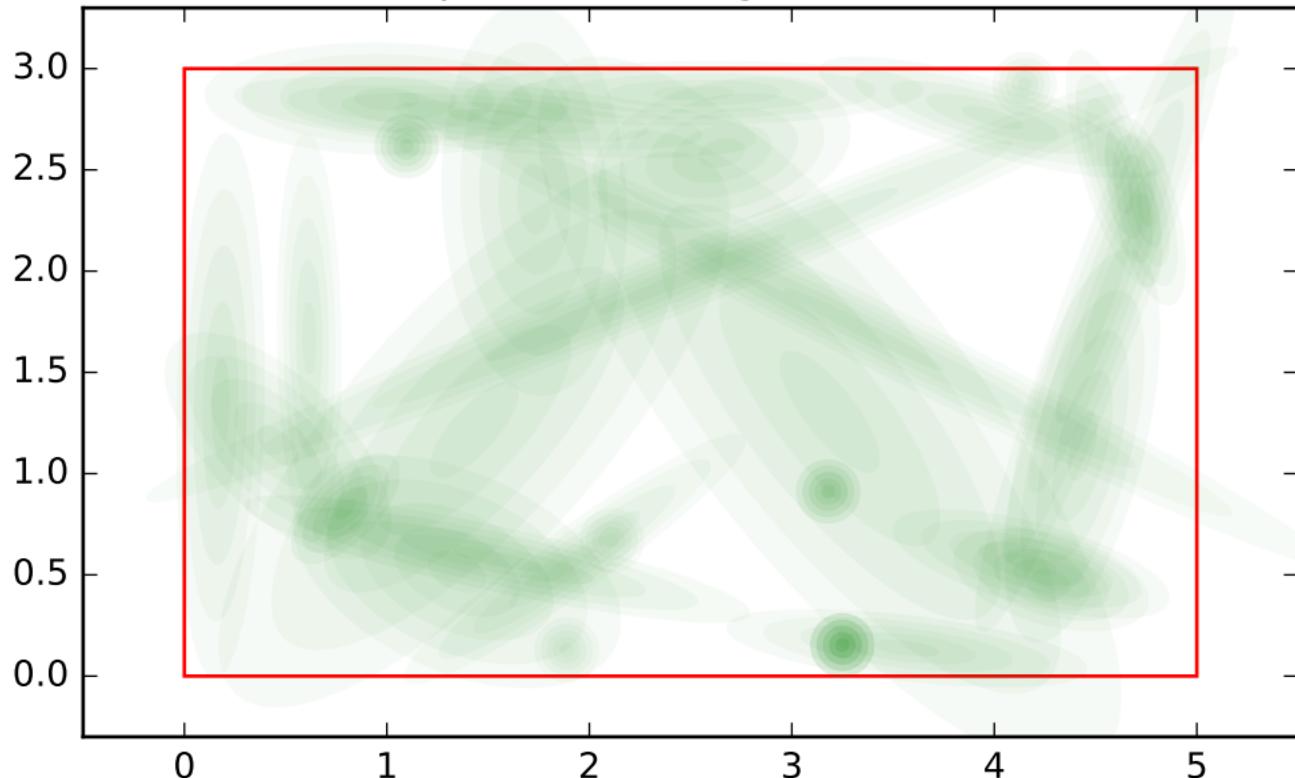
# test for min covar of gmm

GMM min covar: 0.01 ,training\_model\_4, variable name:  
position sibling order: 4



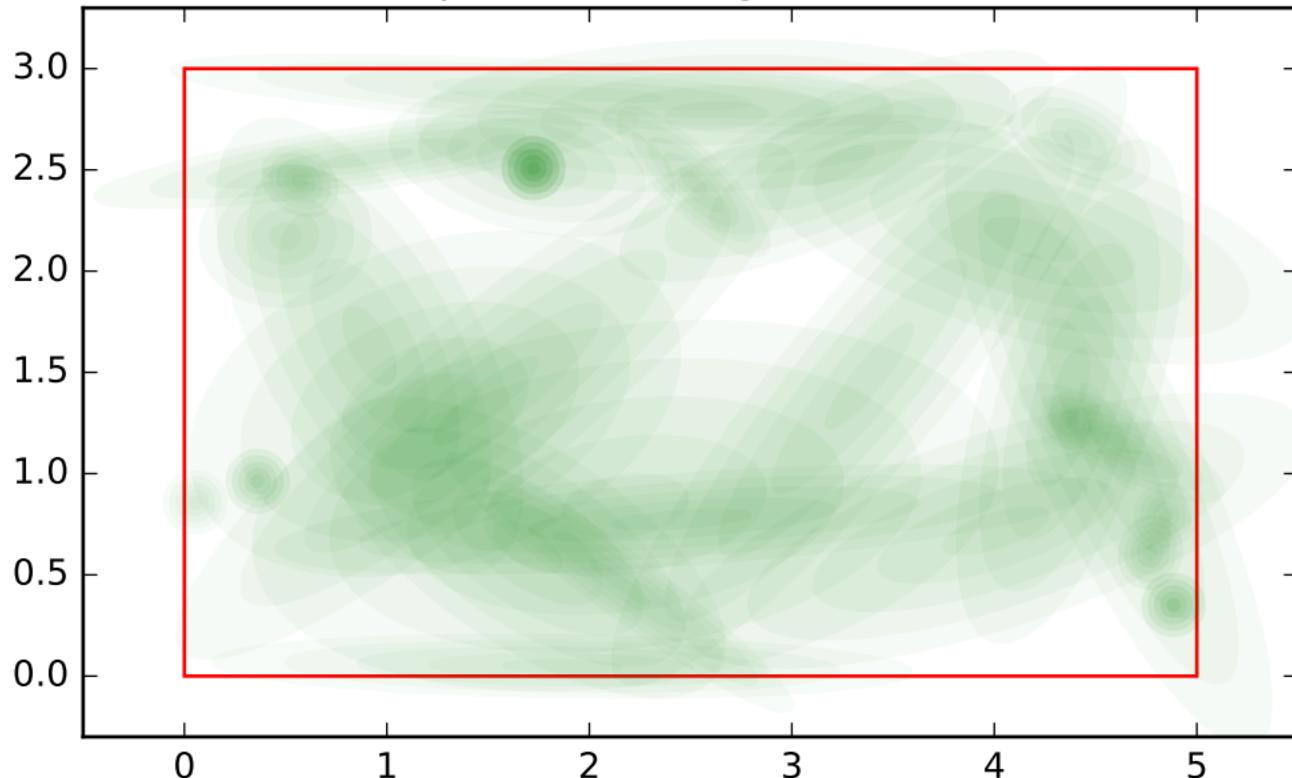
test for min covar of gmm

GMM min covar: 0.001 ,training\_model\_0, variable name:  
position sibling order: 0



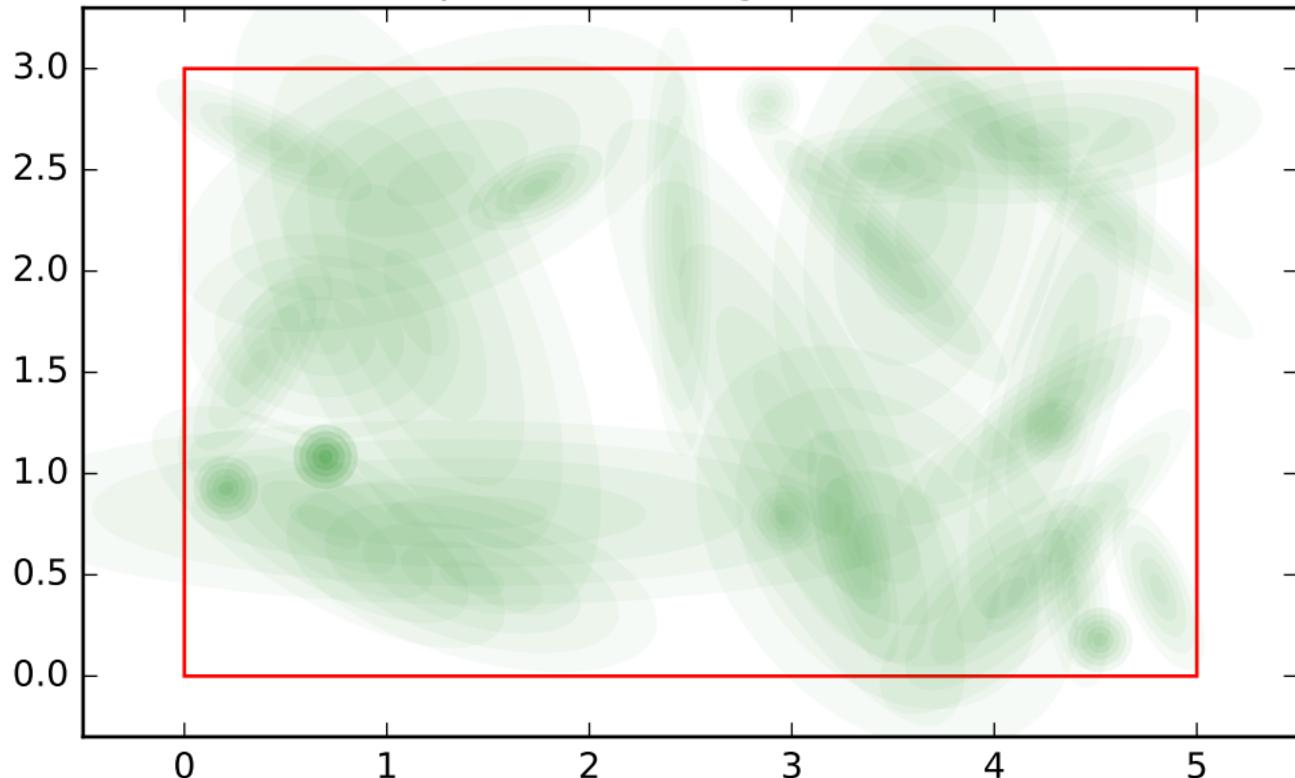
test for min covar of gmm

GMM min covar: 0.001 ,training\_model\_0, variable name:  
position sibling order: 1



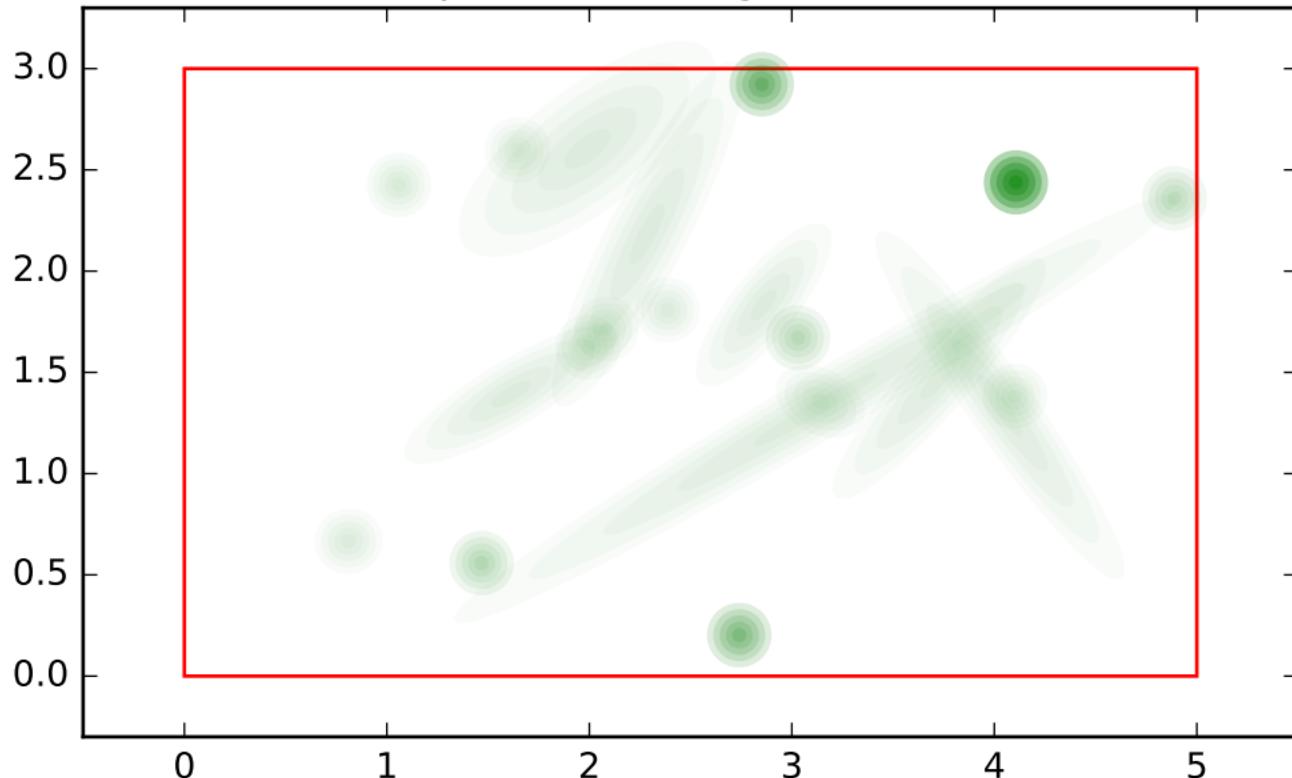
test for min covar of gmm

GMM min covar: 0.001 ,training\_model\_0, variable name:  
position sibling order: 2



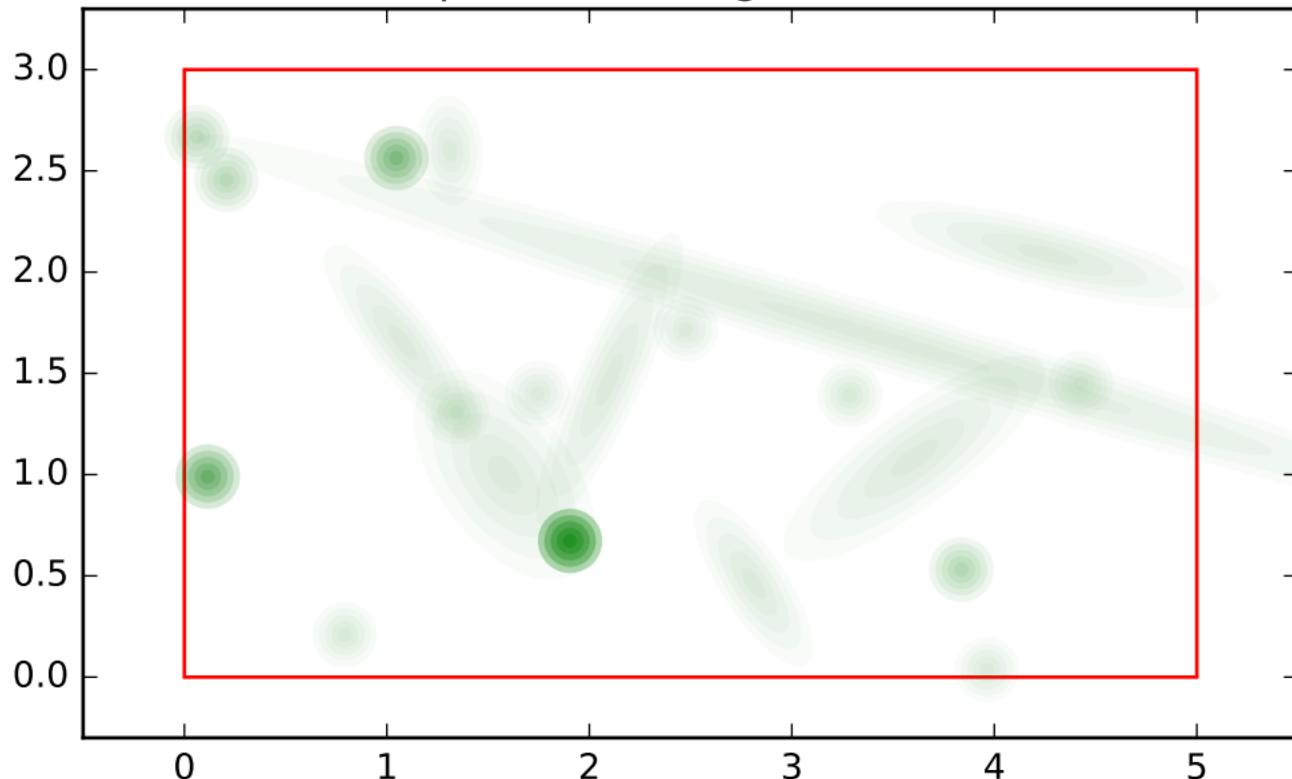
test for min covar of gmm

GMM min covar: 0.001 ,training\_model\_0, variable name:  
position sibling order: 3



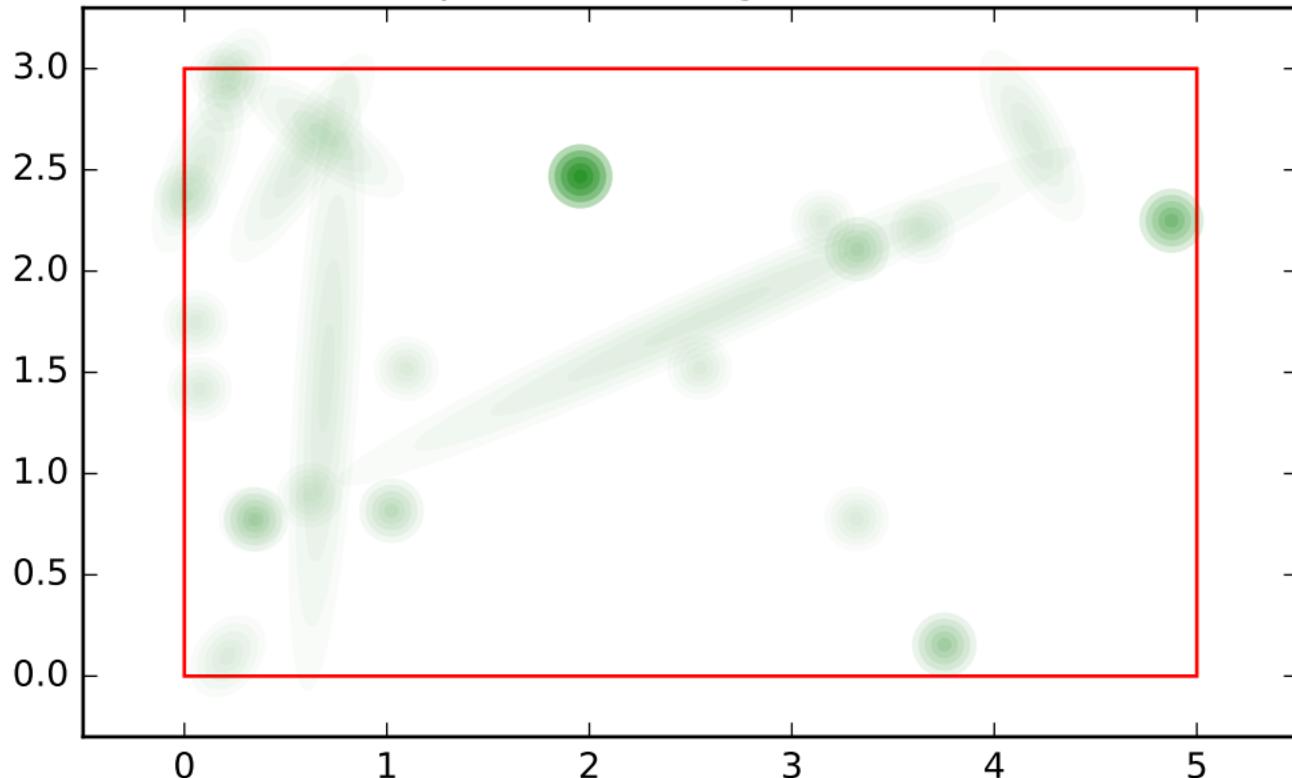
test for min covar of gmm

GMM min covar: 0.001 ,training\_model\_0, variable name:  
position sibling order: 4



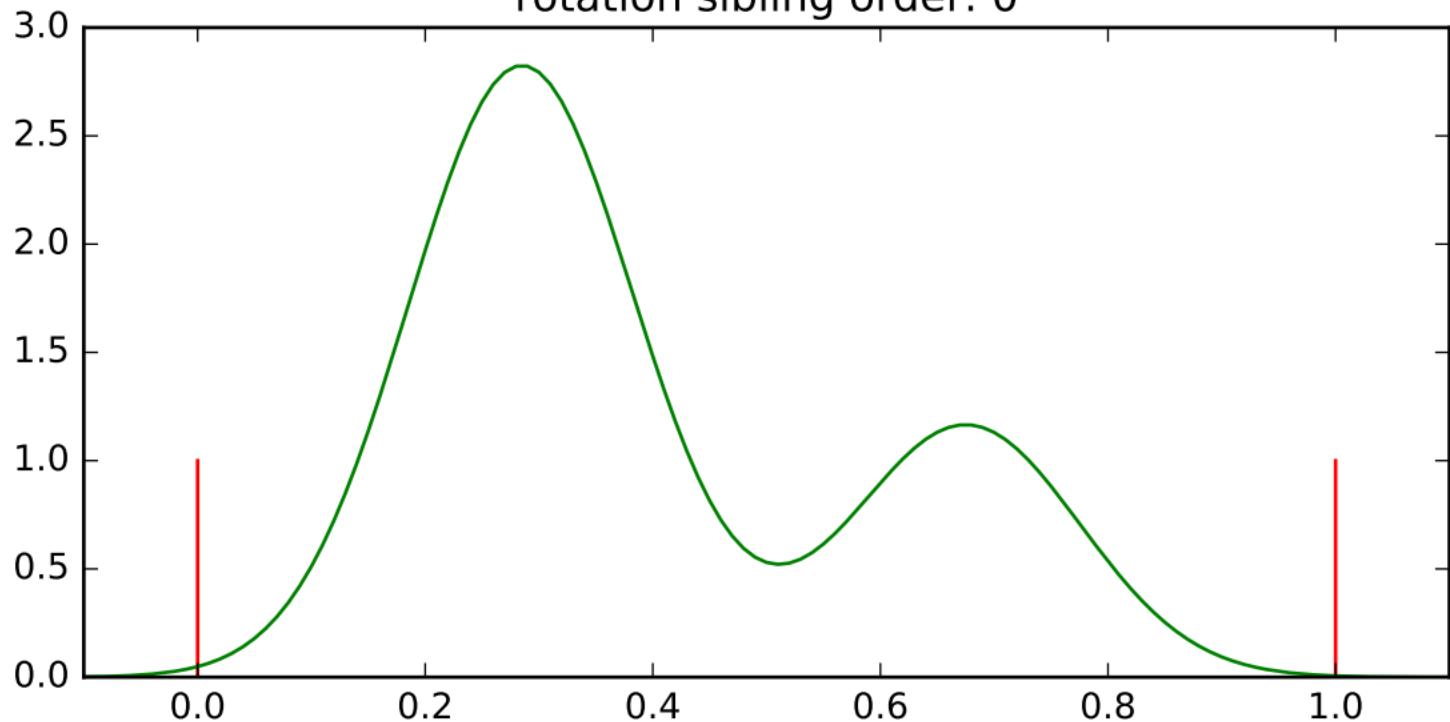
# test for min covar of gmm

GMM min covar: 0.001 ,training\_model\_1, variable name:  
position sibling order: 0



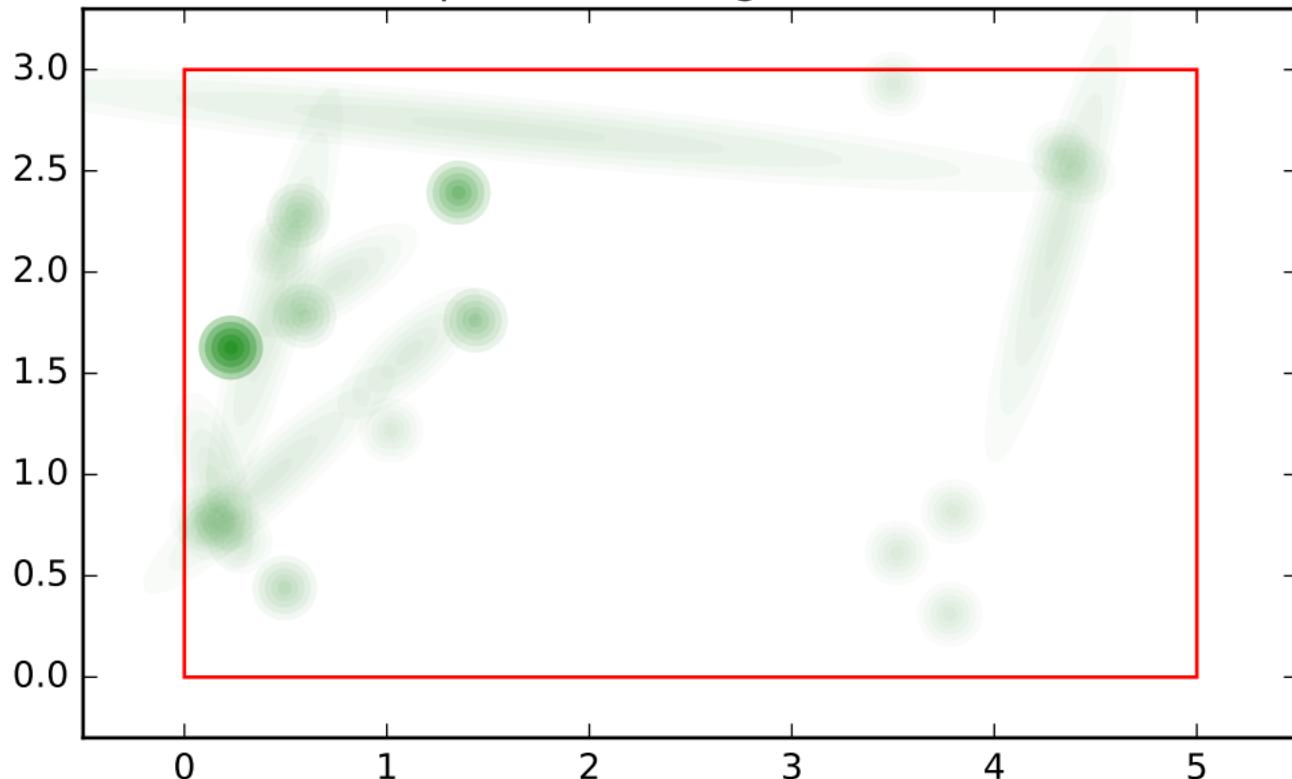
test for min covar of gmm

GMM min covar: 0.001 ,training\_model\_1, variable name:  
rotation sibling order: 0



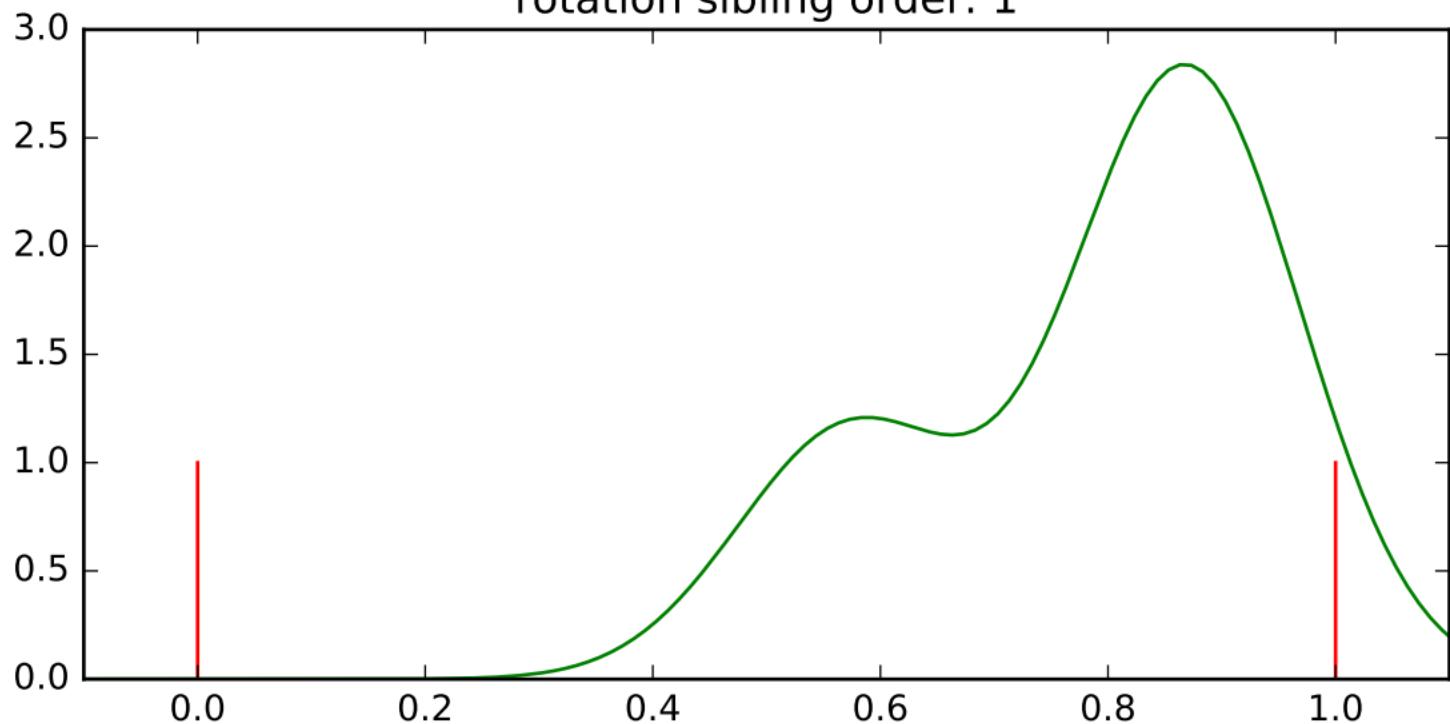
test for min covar of gmm

GMM min covar: 0.001 ,training\_model\_1, variable name:  
position sibling order: 1



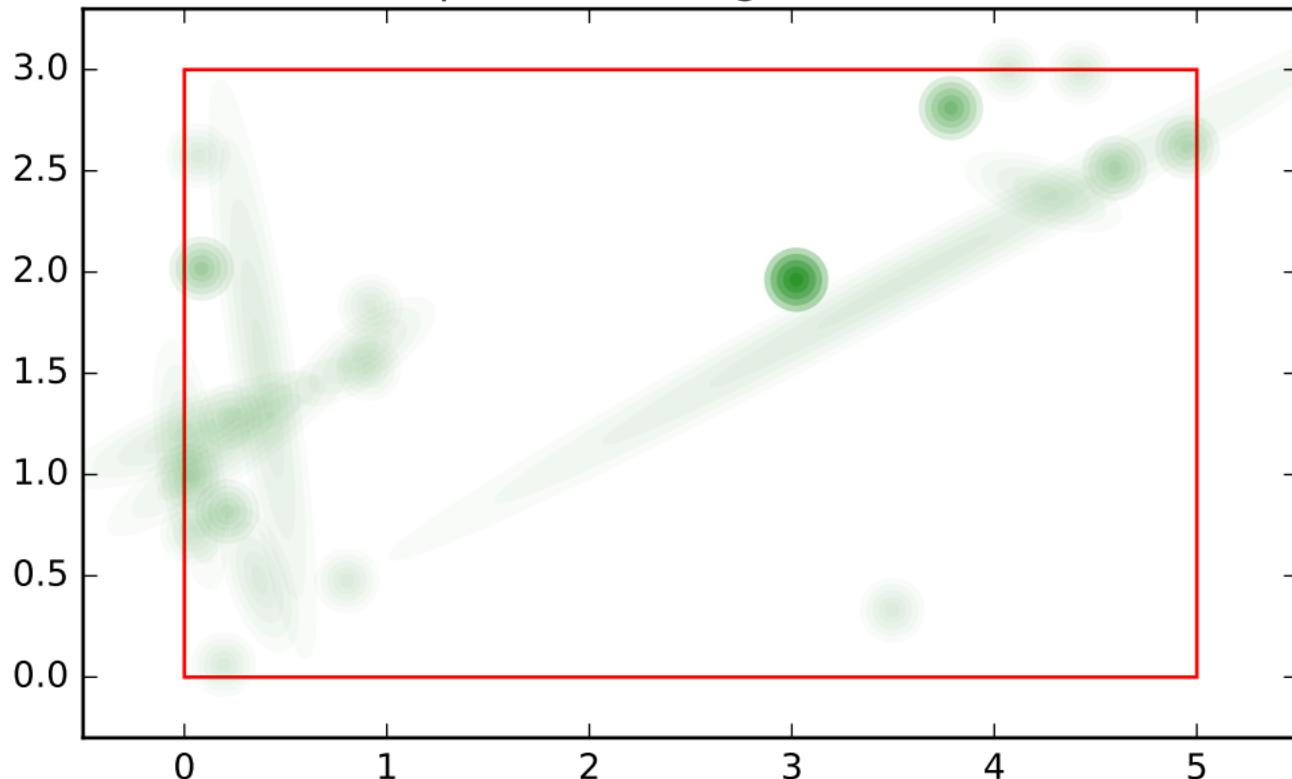
# test for min covar of gmm

GMM min covar: 0.001 ,training\_model\_1, variable name:  
rotation sibling order: 1



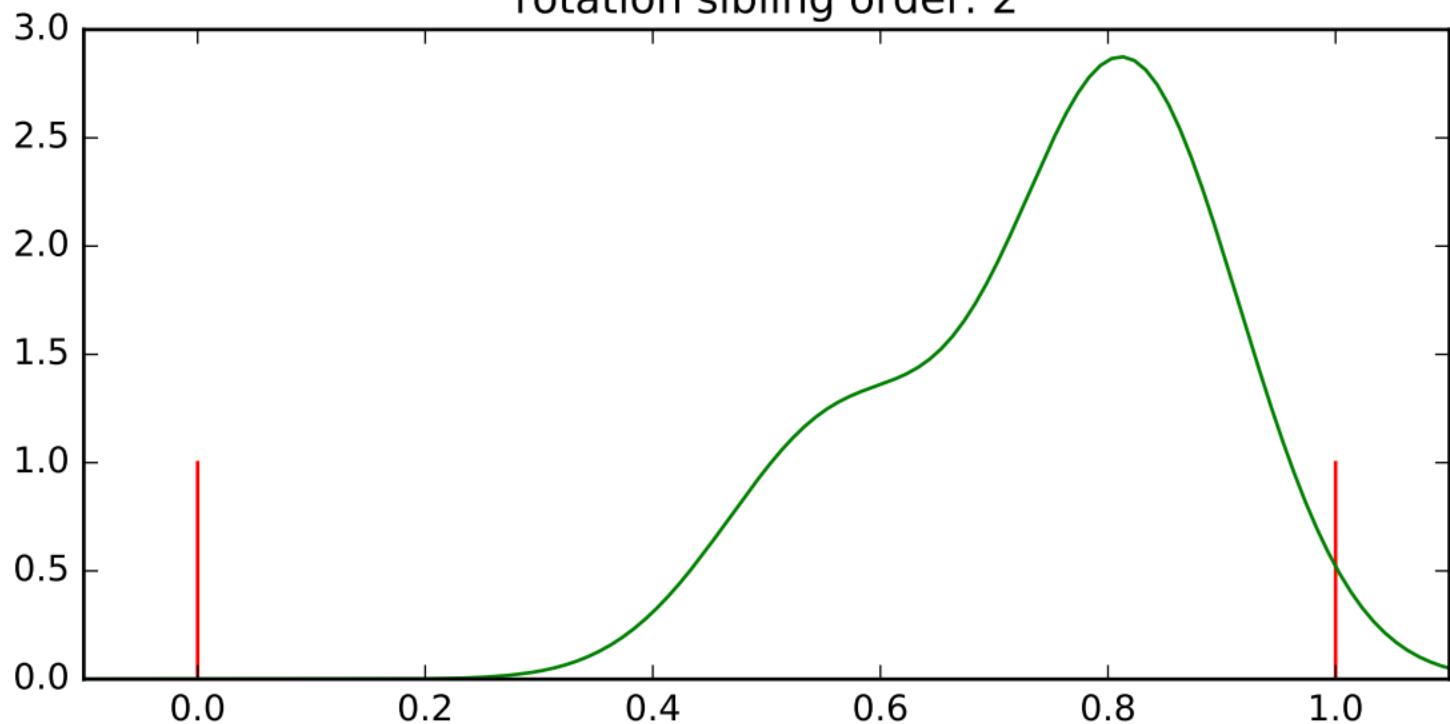
test for min covar of gmm

GMM min covar: 0.001 ,training\_model\_1, variable name:  
position sibling order: 2



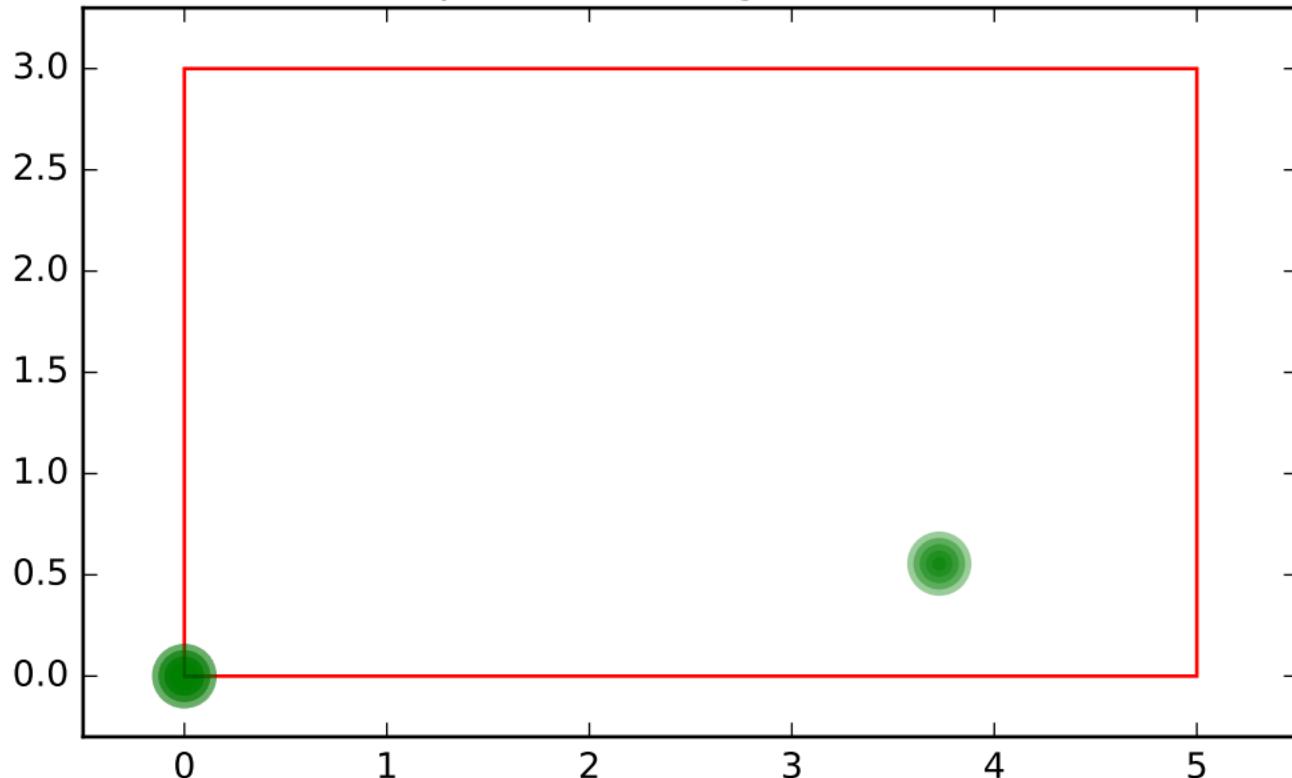
# test for min covar of gmm

GMM min covar: 0.001 ,training\_model\_1, variable name:  
rotation sibling order: 2



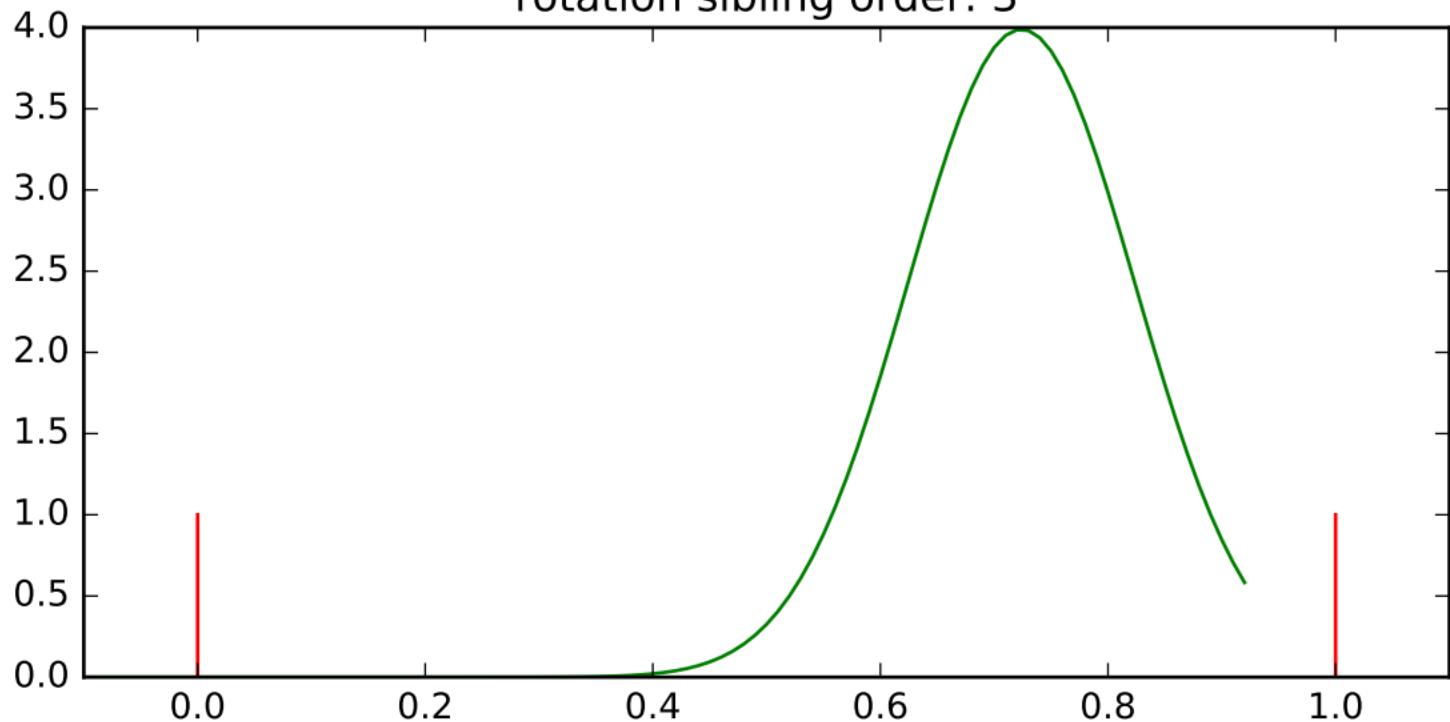
test for min covar of gmm

GMM min covar: 0.001 ,training\_model\_1, variable name:  
position sibling order: 3



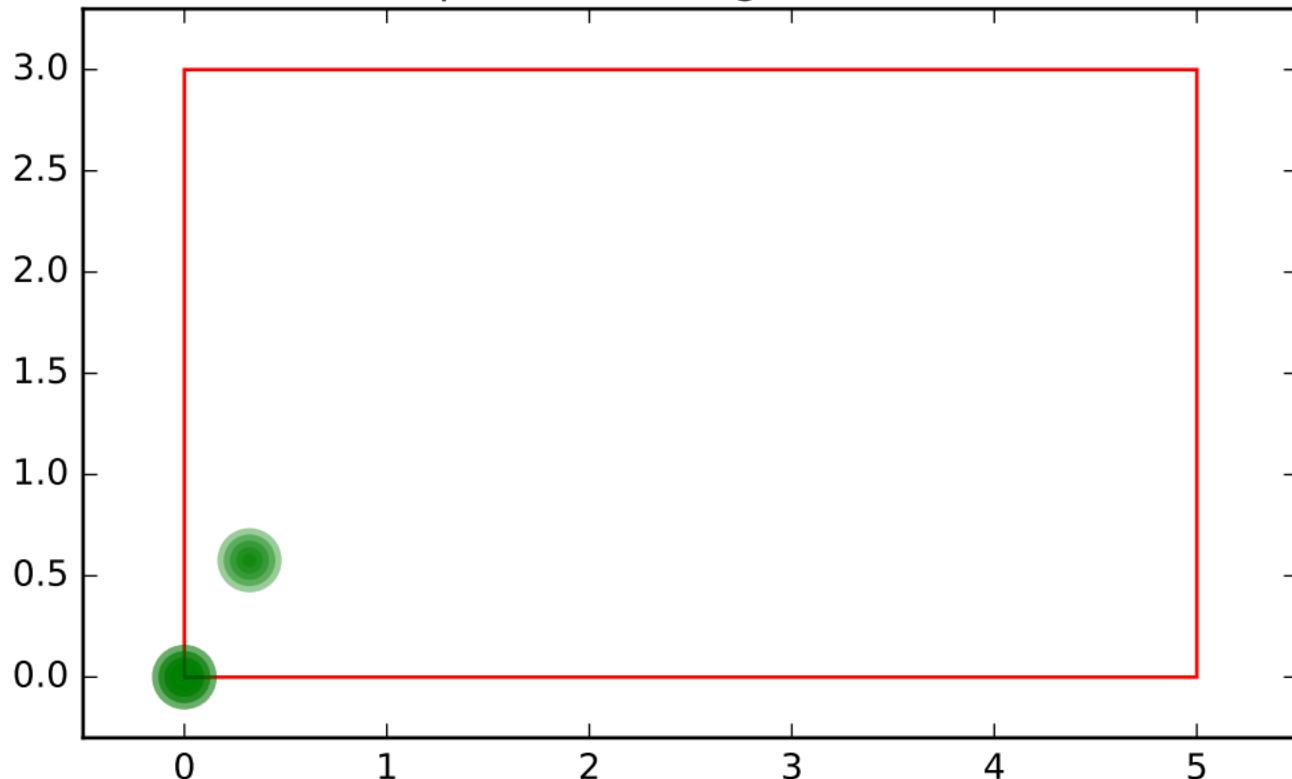
# test for min covar of gmm

GMM min covar: 0.001 ,training\_model\_1, variable name:  
rotation sibling order: 3



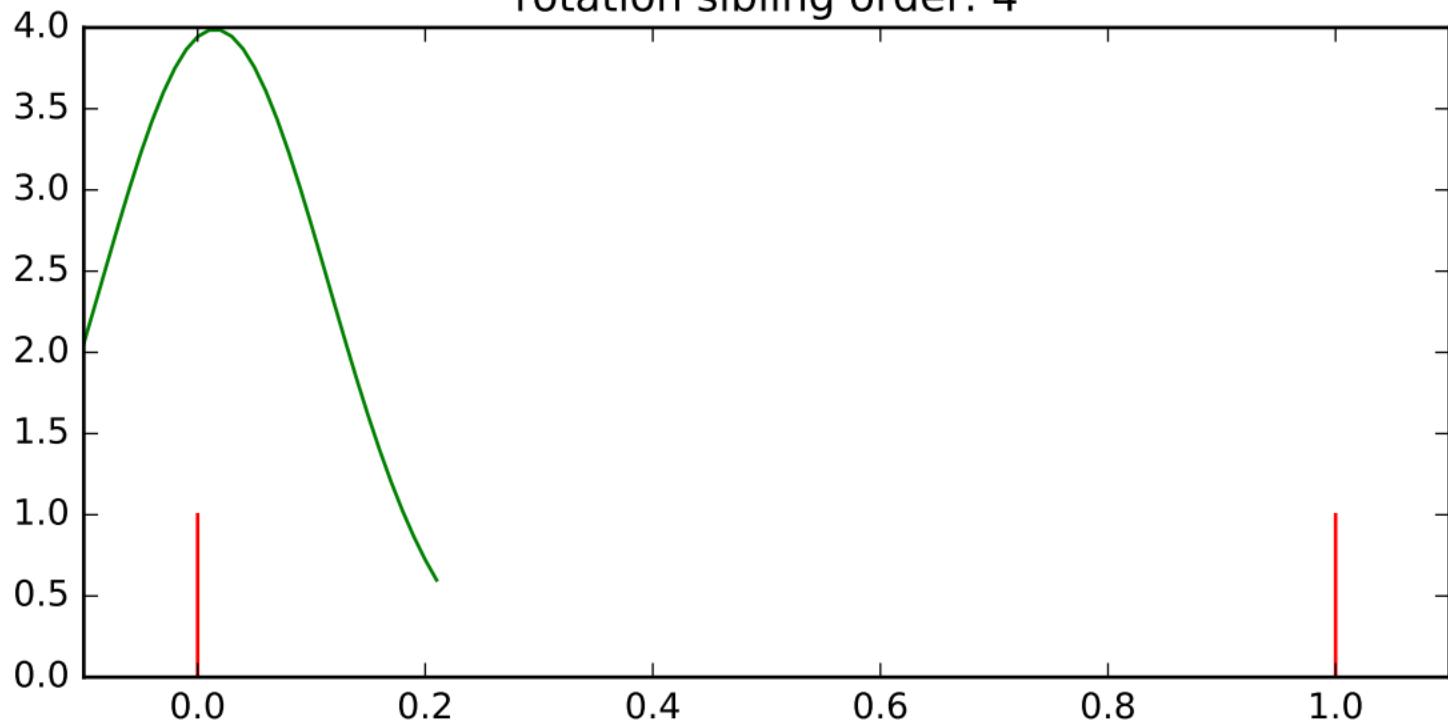
test for min covar of gmm

GMM min covar: 0.001 ,training\_model\_1, variable name:  
position sibling order: 4



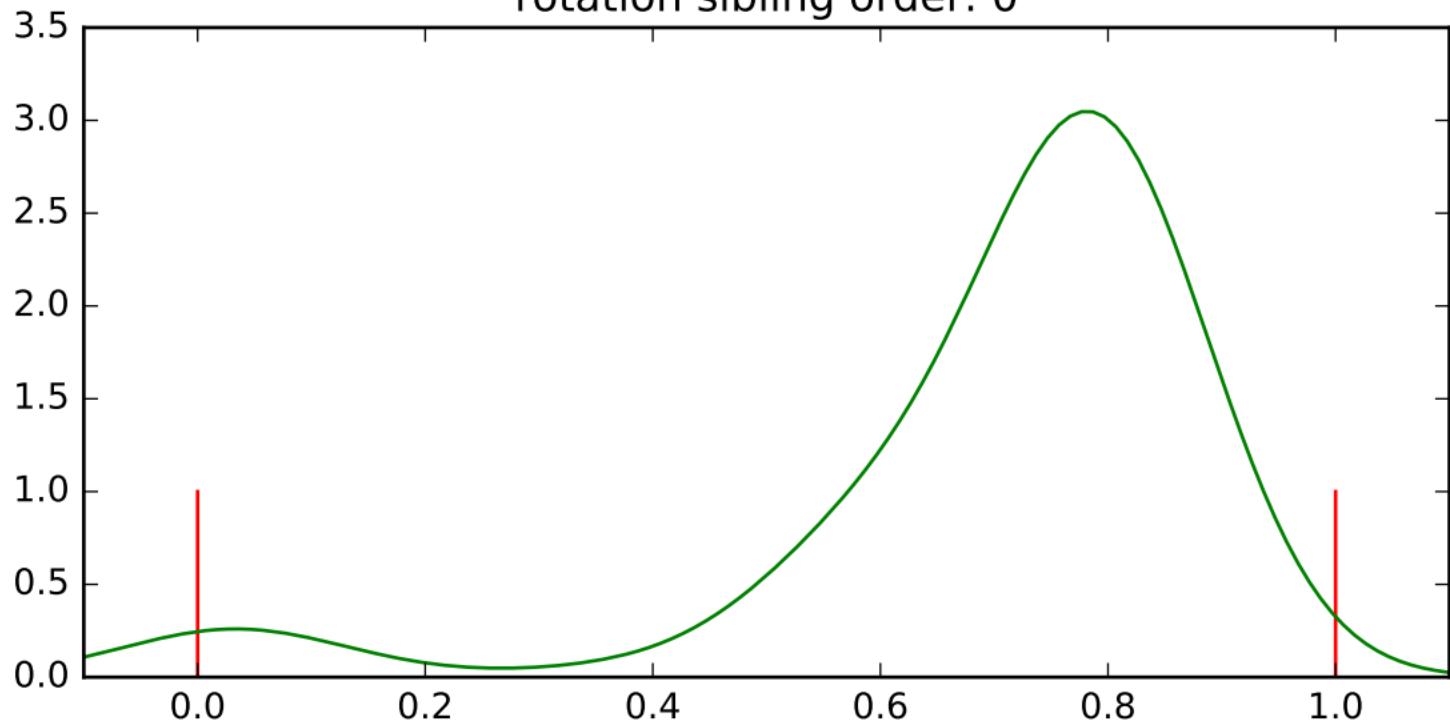
# test for min covar of gmm

GMM min covar: 0.001 ,training\_model\_1, variable name:  
rotation sibling order: 4



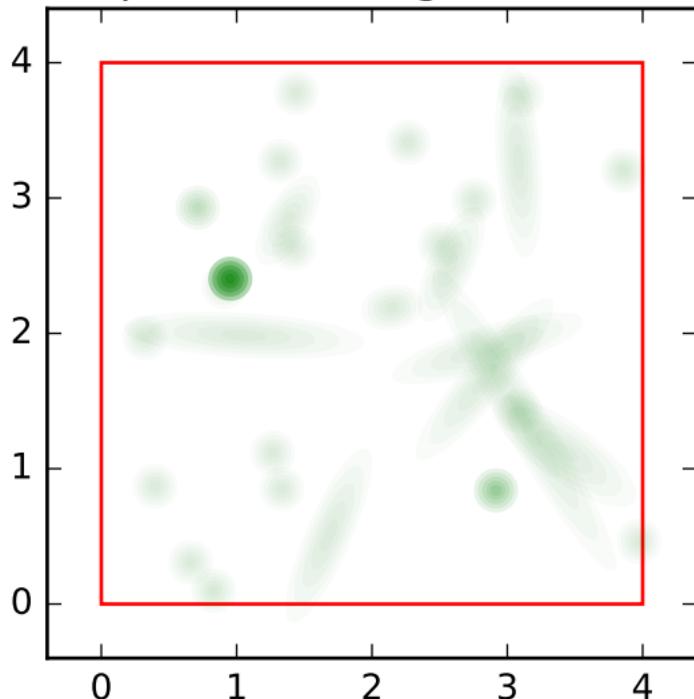
# test for min covar of gmm

GMM min covar: 0.001 ,training\_model\_2, variable name:  
rotation sibling order: 0



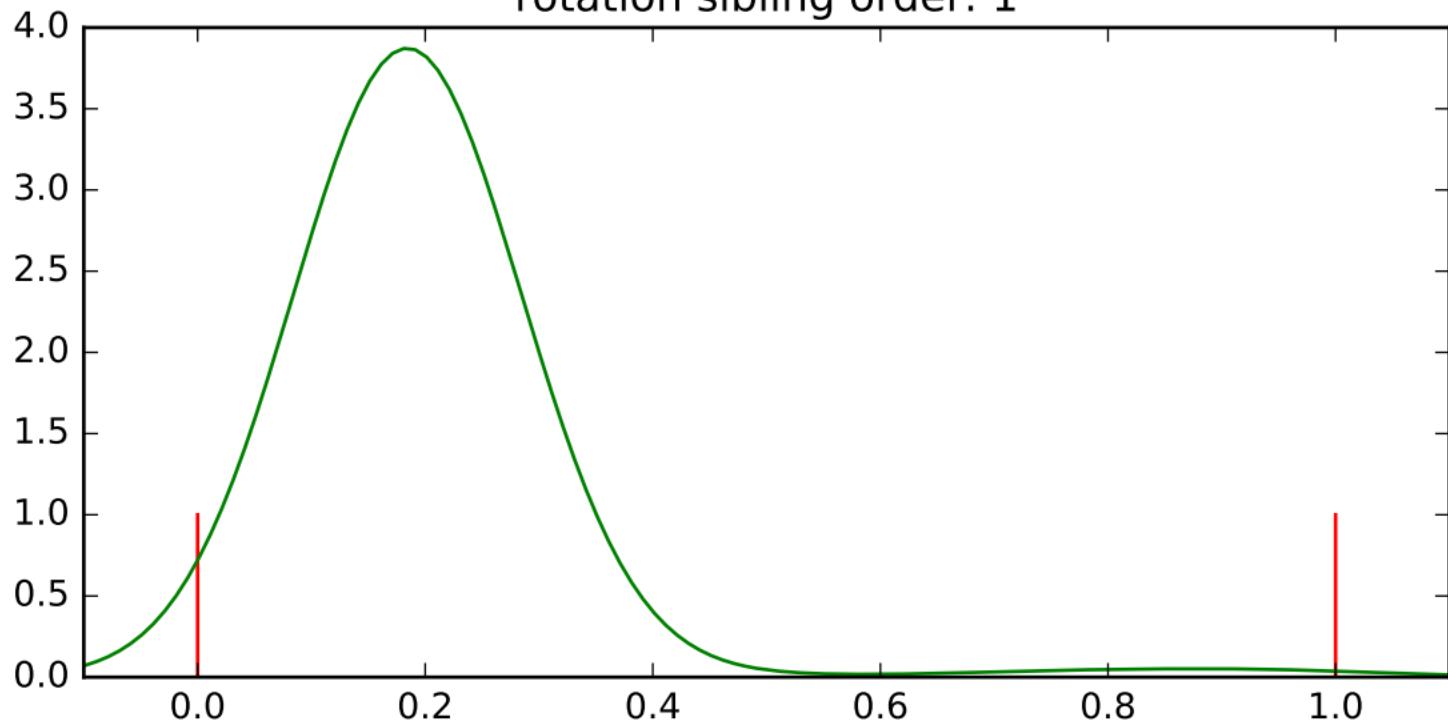
# test for min covar of gmm

GMM min covar: 0.001 ,training\_model\_2, variable name:  
position sibling order: 0



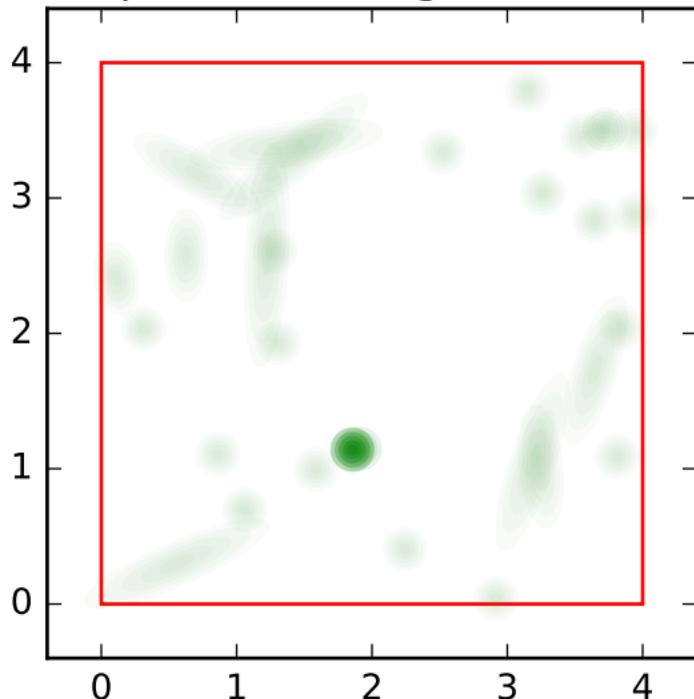
# test for min covar of gmm

GMM min covar: 0.001 ,training\_model\_2, variable name:  
rotation sibling order: 1



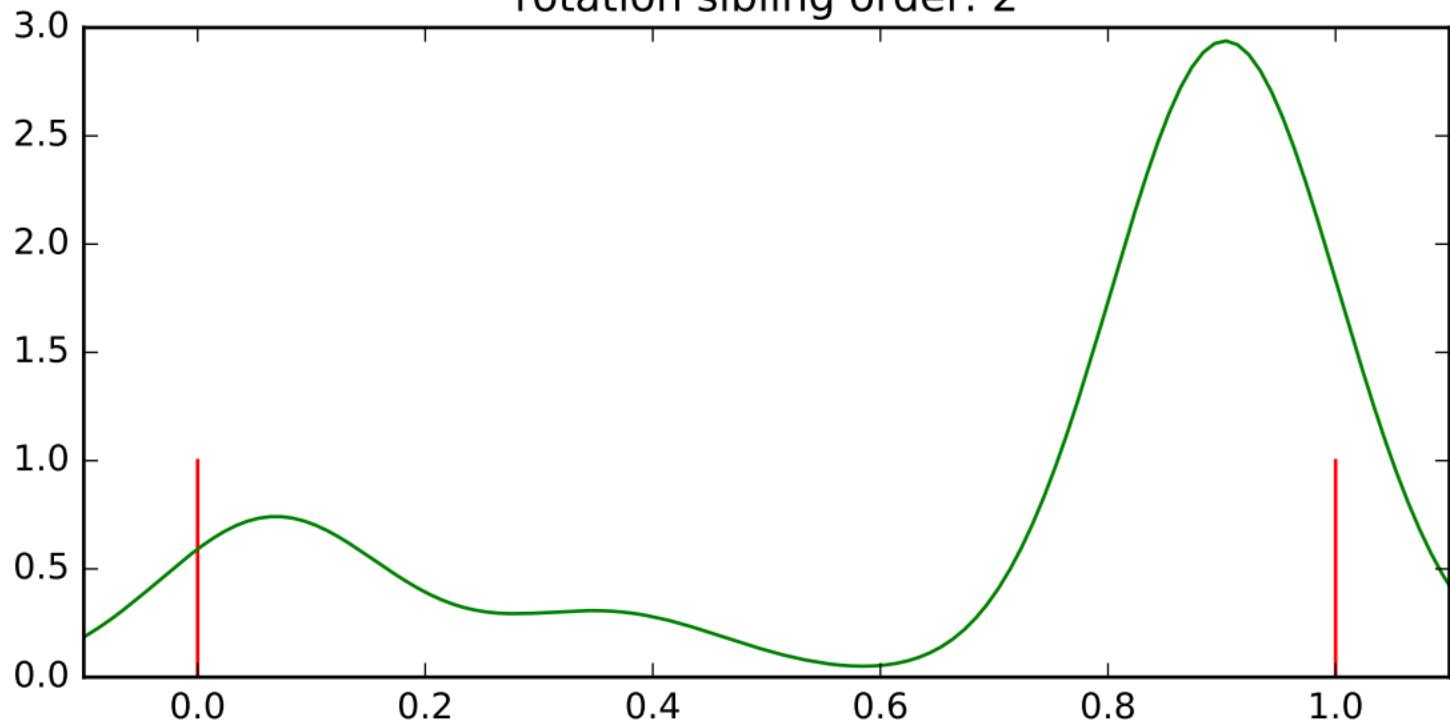
## test for min covar of gmm

GMM min covar: 0.001 ,training\_model\_2, variable name:  
position sibling order: 1



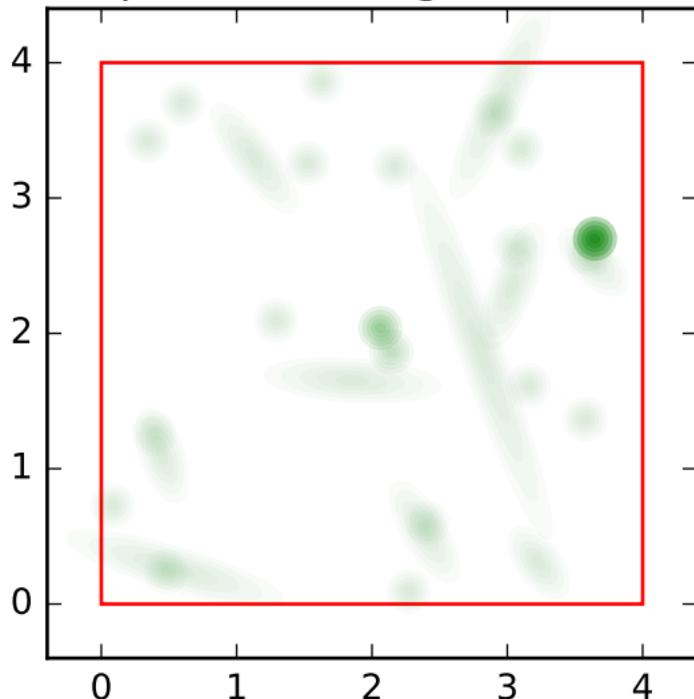
# test for min covar of gmm

GMM min covar: 0.001 ,training\_model\_2, variable name:  
rotation sibling order: 2



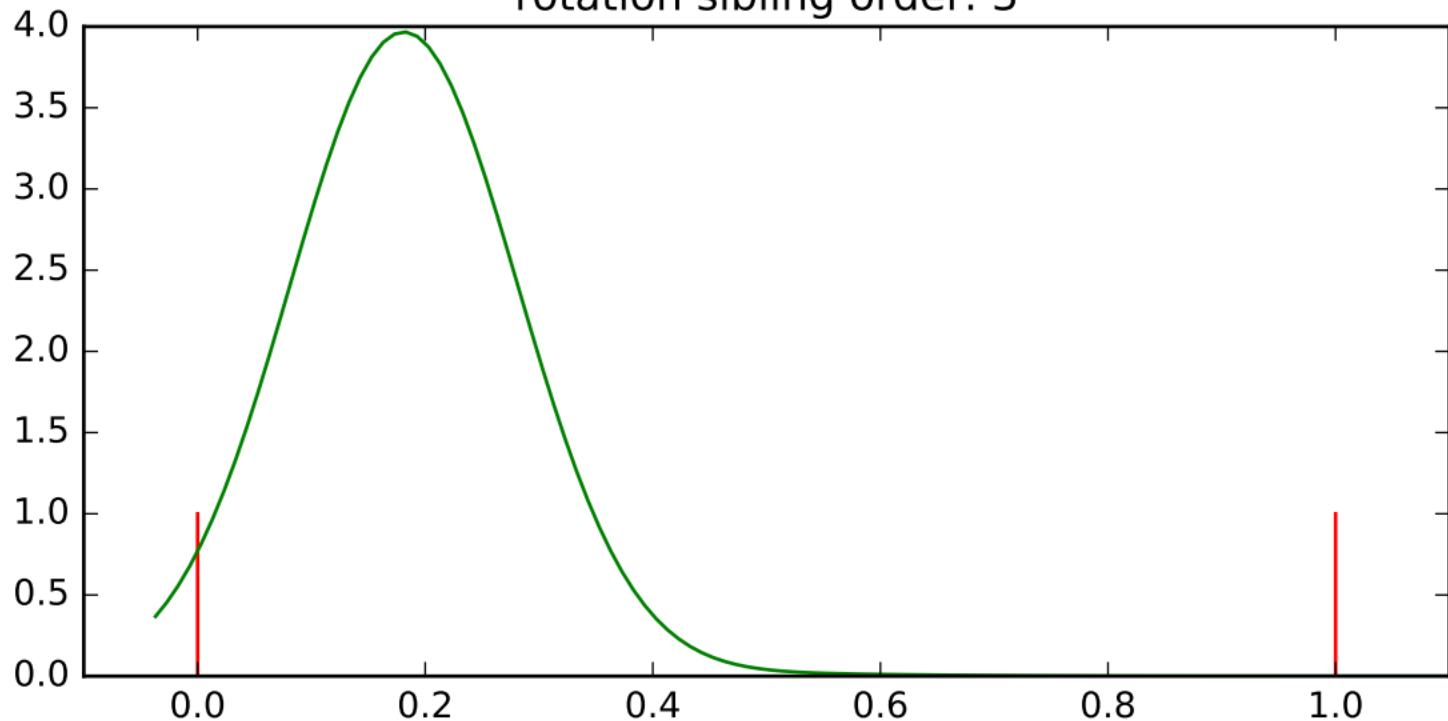
## test for min covar of gmm

GMM min covar: 0.001 ,training\_model\_2, variable name:  
position sibling order: 2



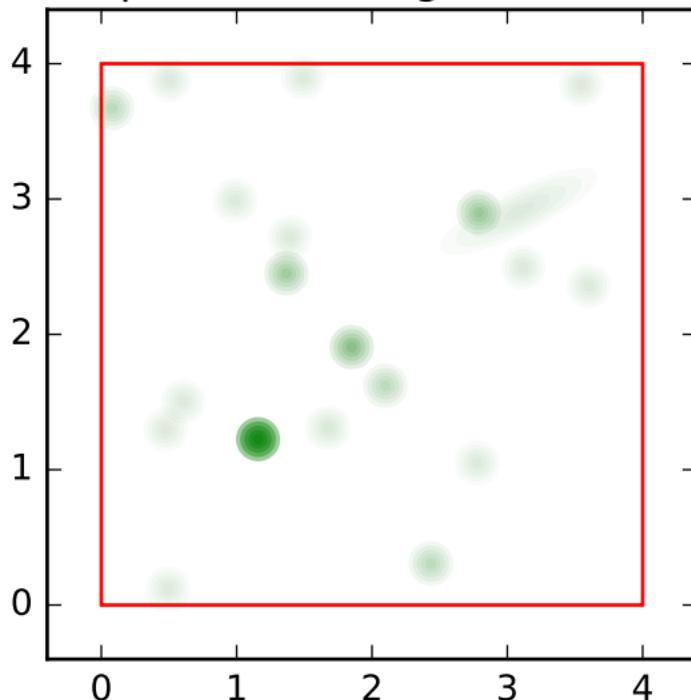
# test for min covar of gmm

GMM min covar: 0.001 ,training\_model\_2, variable name:  
rotation sibling order: 3



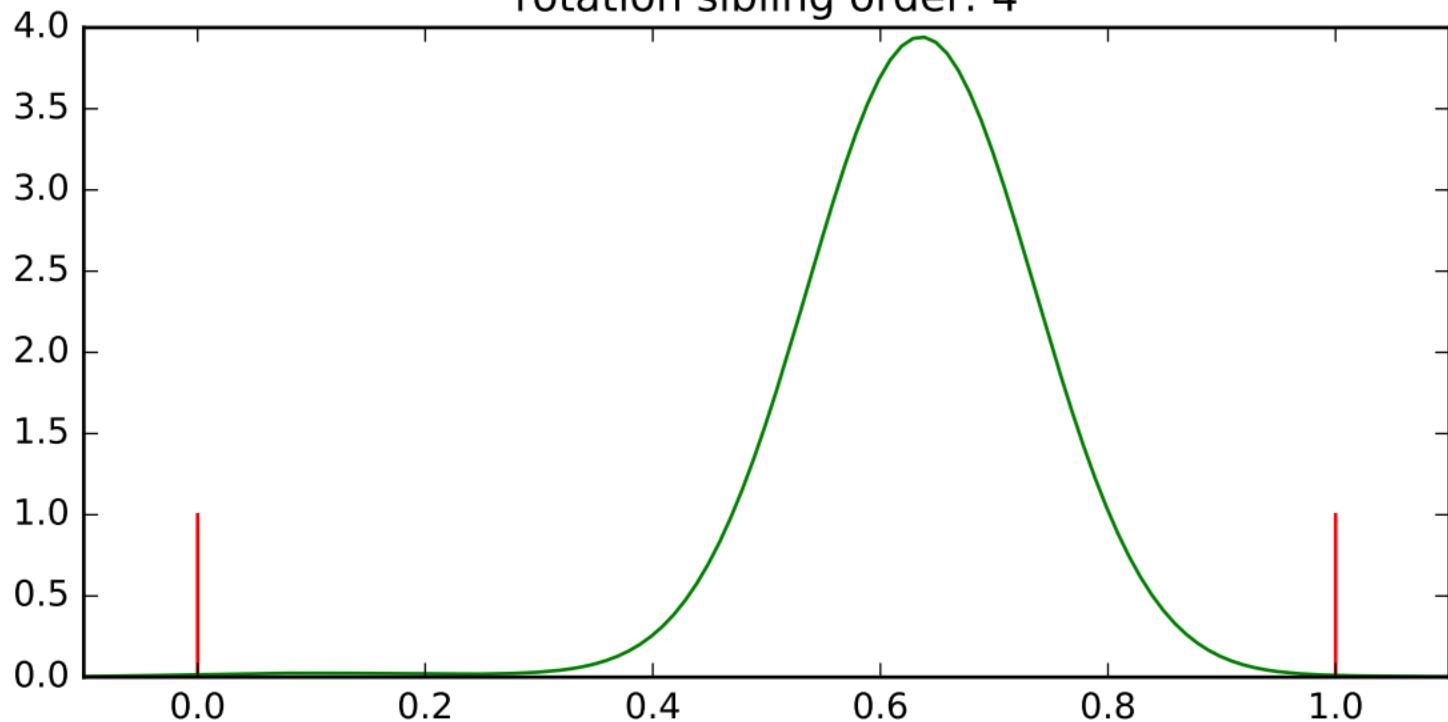
## test for min covar of gmm

GMM min covar: 0.001 ,training\_model\_2, variable name:  
position sibling order: 3



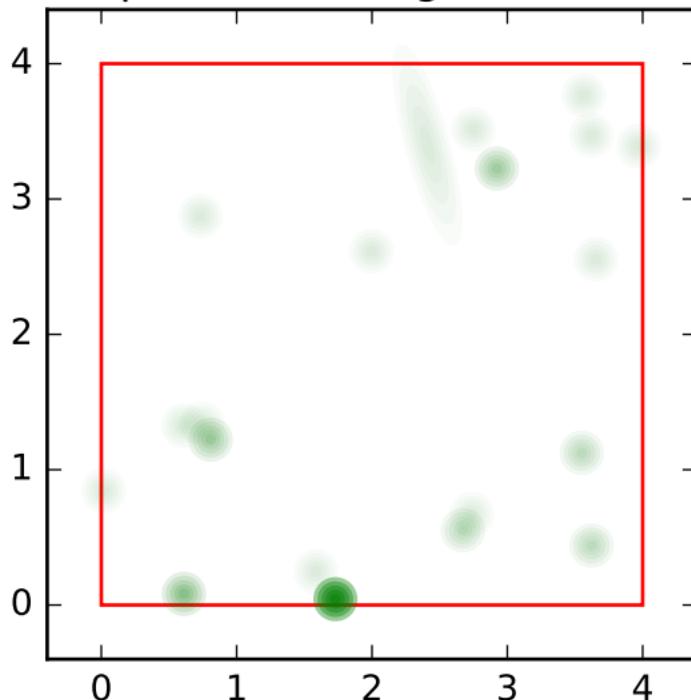
# test for min covar of gmm

GMM min covar: 0.001 ,training\_model\_2, variable name:  
rotation sibling order: 4



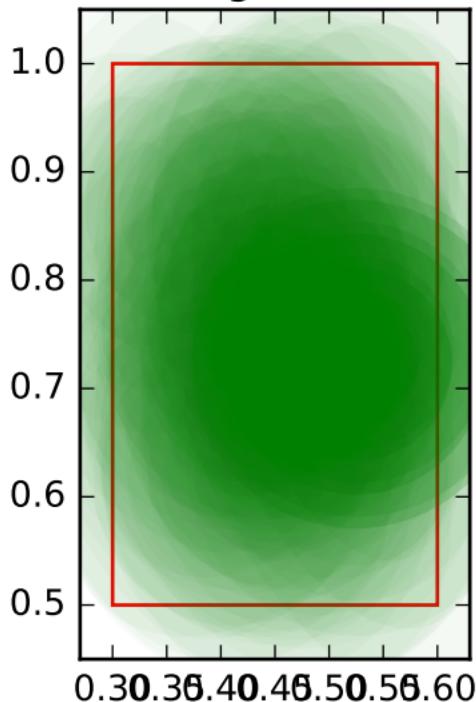
## test for min covar of gmm

GMM min covar: 0.001 ,training\_model\_2, variable name:  
position sibling order: 4



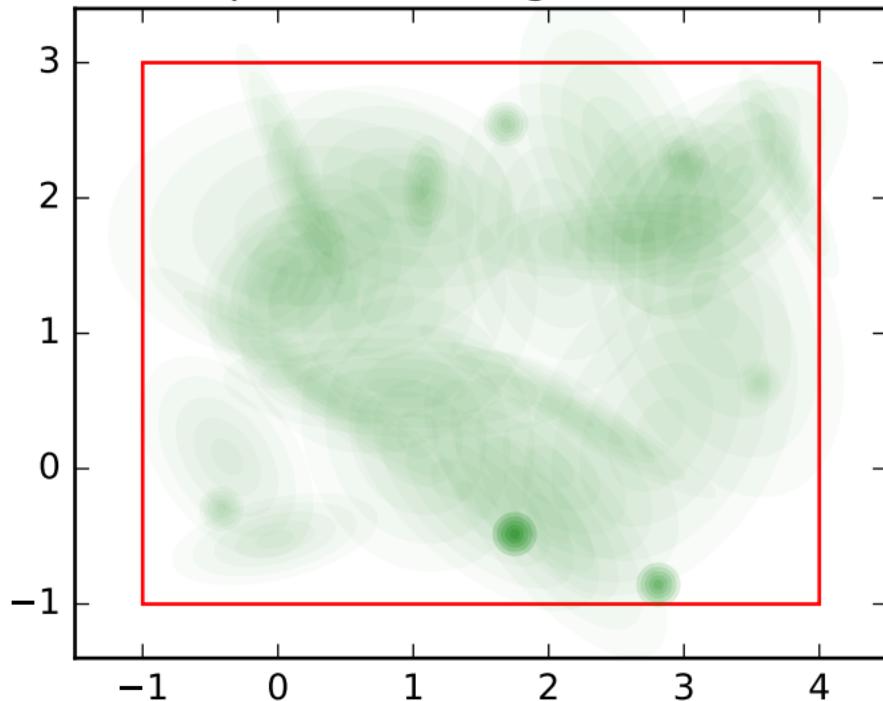
# test for min covar of gmm

GMM min covar: 0.001 ,training\_model\_3, variable name: size  
sibling order: 0



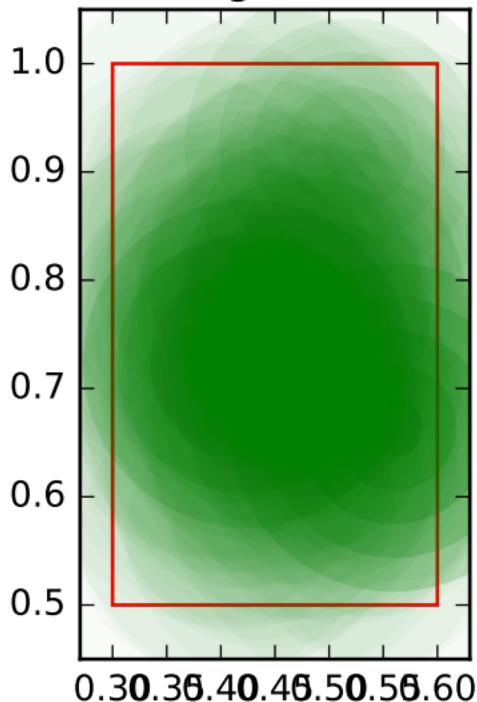
# test for min covar of gmm

GMM min covar: 0.001 ,training\_model\_3, variable name:  
position sibling order: 0



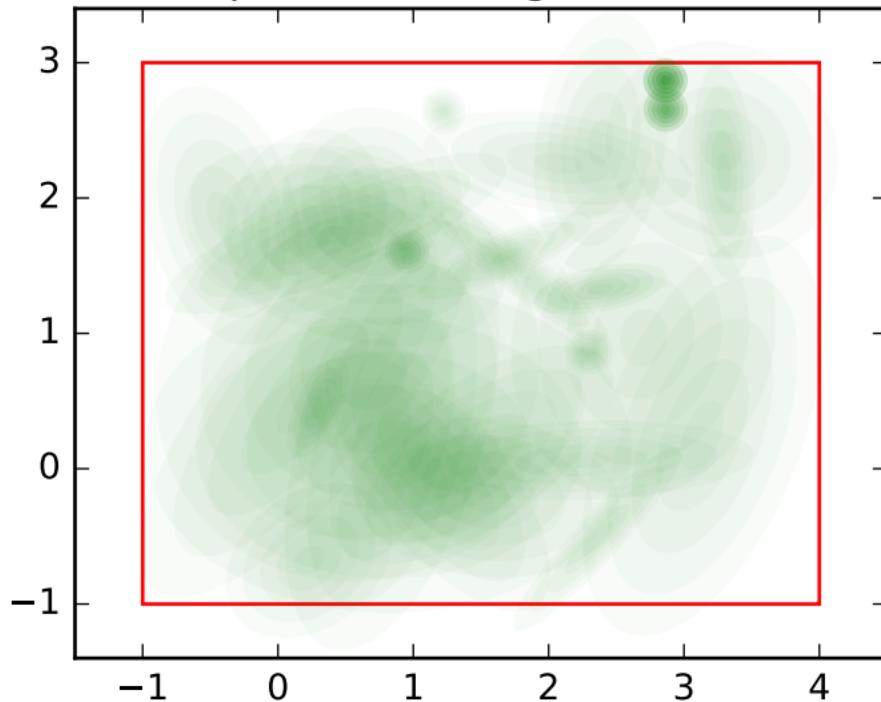
# test for min covar of gmm

GMM min covar: 0.001 ,training\_model\_3, variable name: size  
sibling order: 1



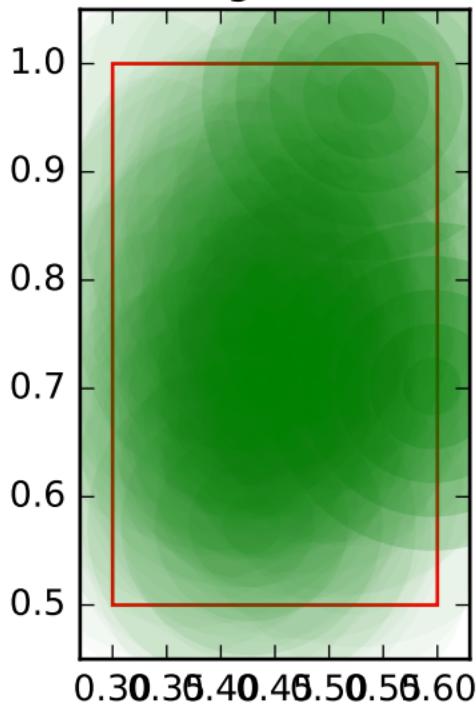
# test for min covar of gmm

GMM min covar: 0.001 ,training\_model\_3, variable name:  
position sibling order: 1



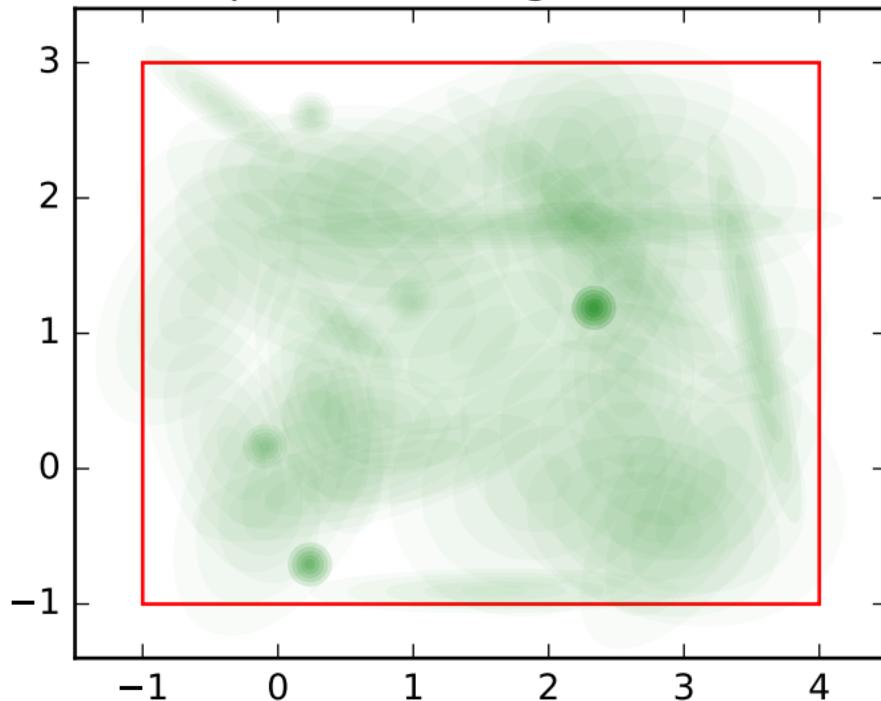
# test for min covar of gmm

GMM min covar: 0.001 ,training\_model\_3, variable name: size  
sibling order: 2



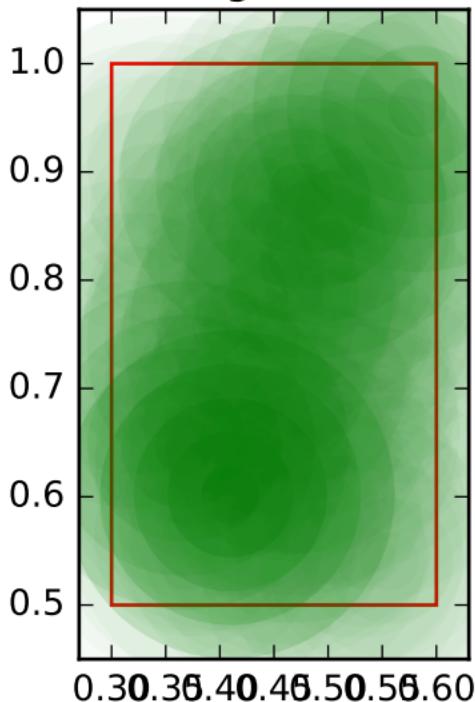
# test for min covar of gmm

GMM min covar: 0.001 ,training\_model\_3, variable name:  
position sibling order: 2



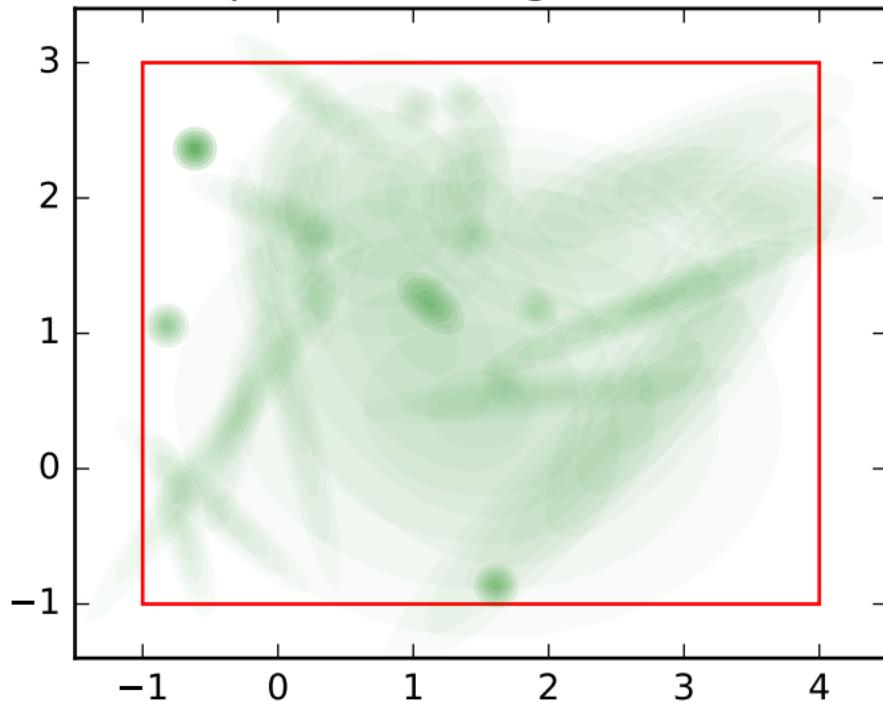
# test for min covar of gmm

GMM min covar: 0.001 ,training\_model\_3, variable name: size  
sibling order: 3



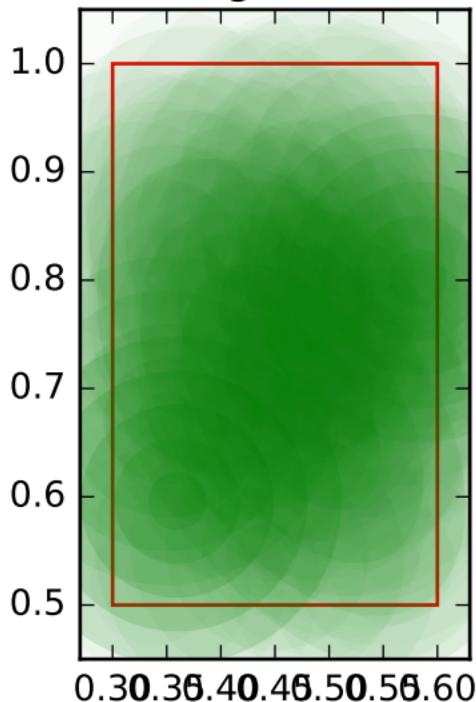
# test for min covar of gmm

GMM min covar: 0.001 ,training\_model\_3, variable name:  
position sibling order: 3



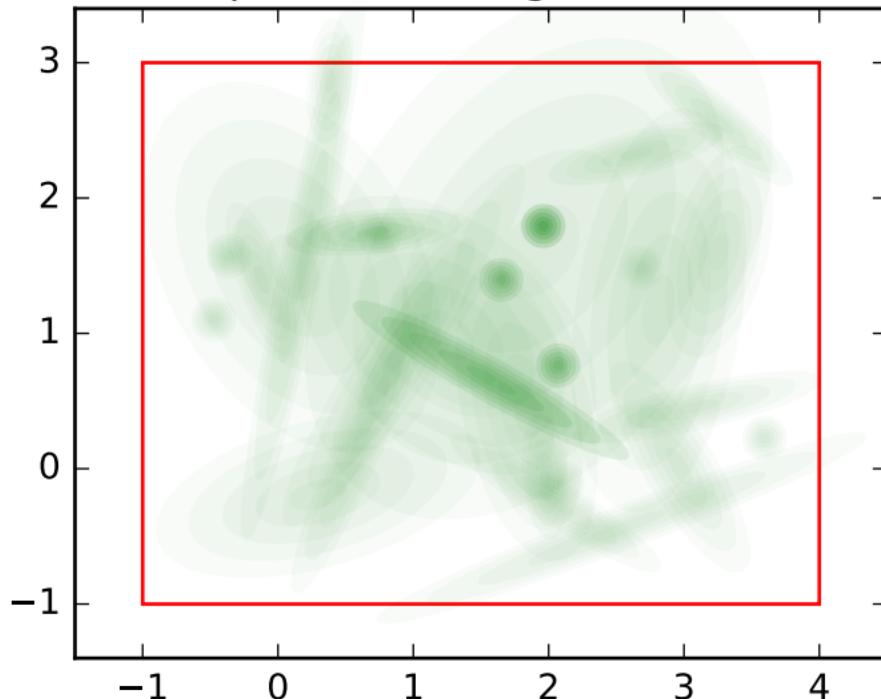
# test for min covar of gmm

GMM min covar: 0.001 ,training\_model\_3, variable name: size  
sibling order: 4



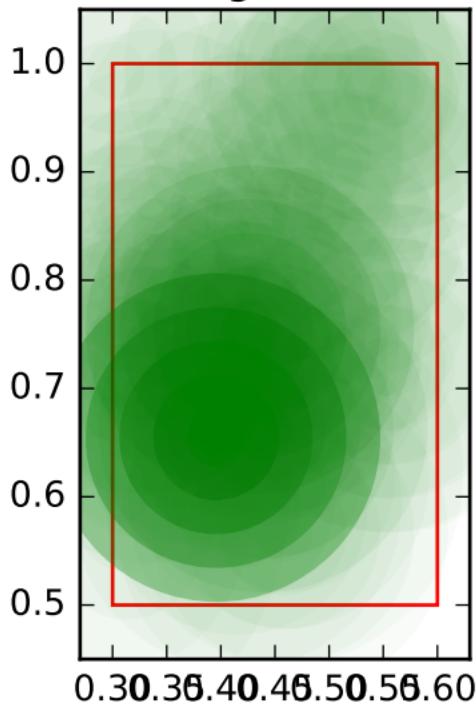
# test for min covar of gmm

GMM min covar: 0.001 ,training\_model\_3, variable name:  
position sibling order: 4



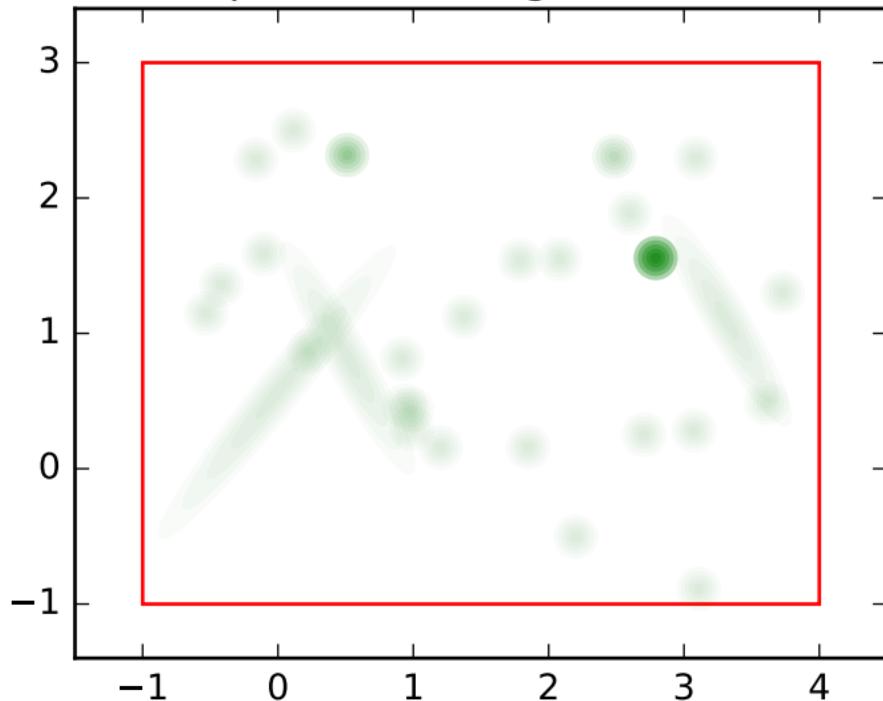
# test for min covar of gmm

GMM min covar: 0.001 ,training\_model\_4, variable name: size  
sibling order: 0



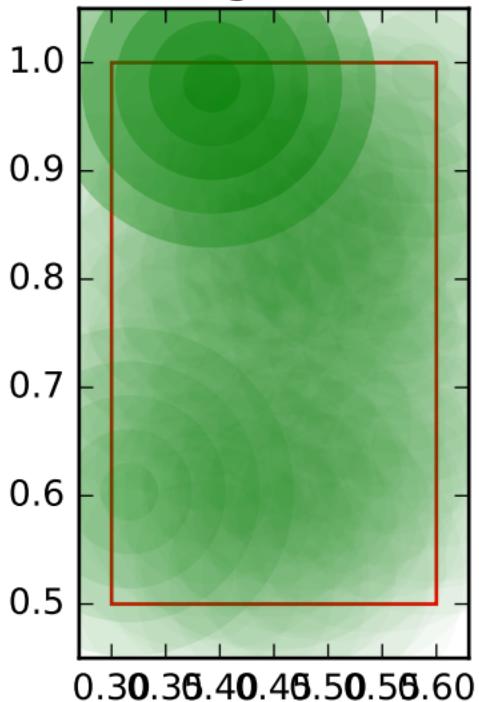
# test for min covar of gmm

GMM min covar: 0.001 ,training\_model\_4, variable name:  
position sibling order: 0



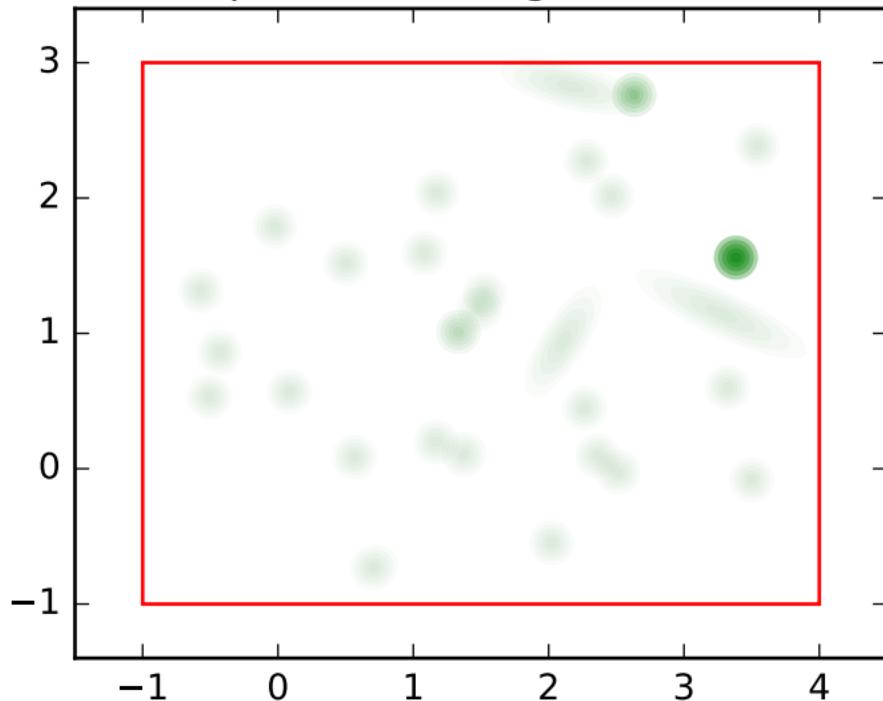
# test for min covar of gmm

GMM min covar: 0.001 ,training\_model\_4, variable name: size  
sibling order: 1



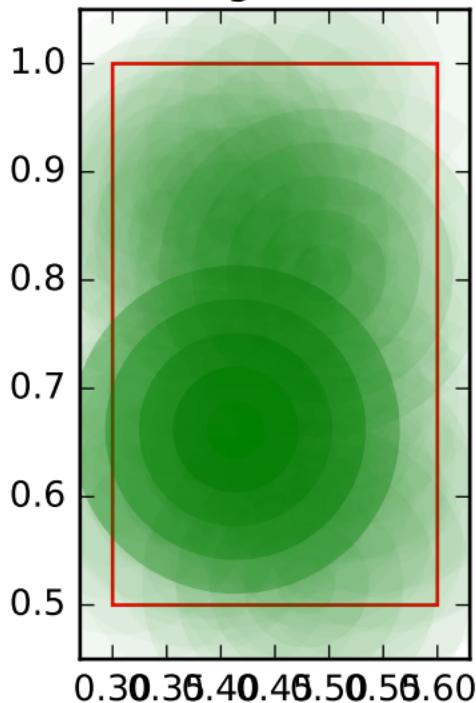
# test for min covar of gmm

GMM min covar: 0.001 ,training\_model\_4, variable name:  
position sibling order: 1



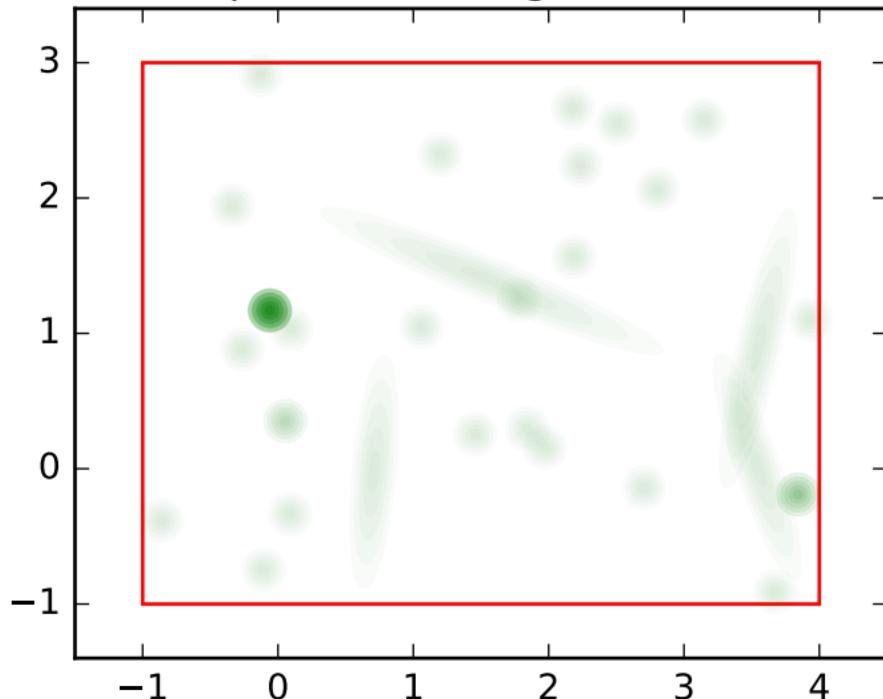
# test for min covar of gmm

GMM min covar: 0.001 ,training\_model\_4, variable name: size  
sibling order: 2



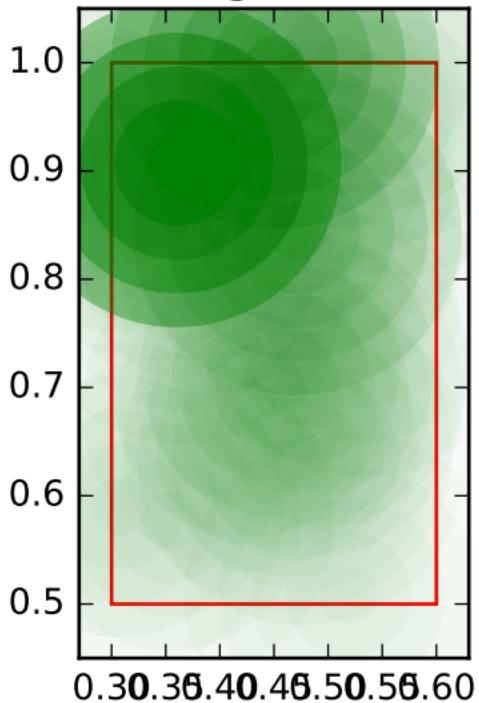
# test for min covar of gmm

GMM min covar: 0.001 ,training\_model\_4, variable name:  
position sibling order: 2



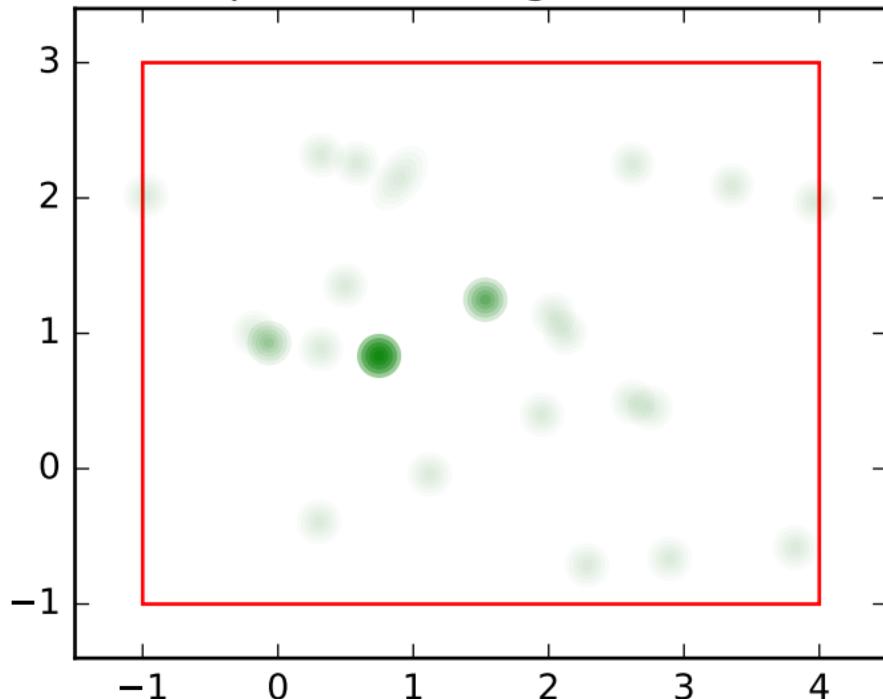
# test for min covar of gmm

GMM min covar: 0.001 ,training\_model\_4, variable name: size  
sibling order: 3



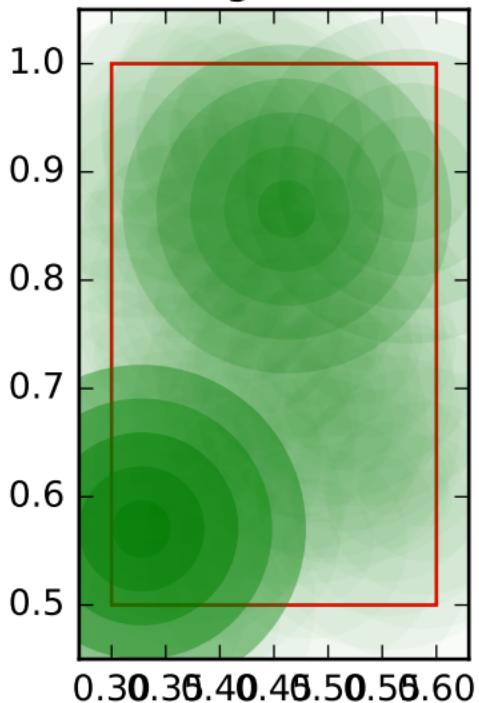
# test for min covar of gmm

GMM min covar: 0.001 ,training\_model\_4, variable name:  
position sibling order: 3



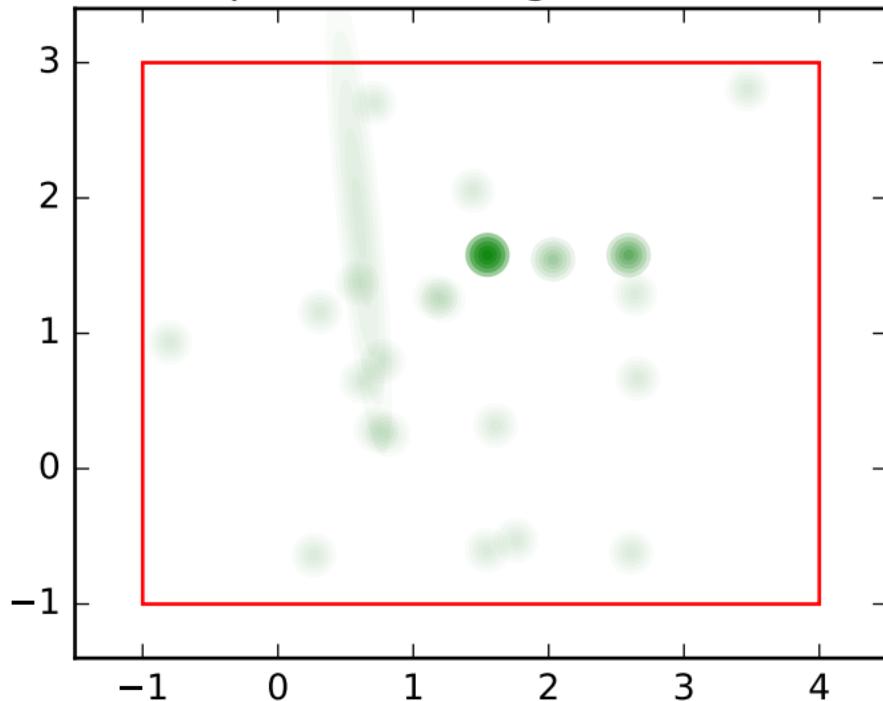
# test for min covar of gmm

GMM min covar: 0.001 ,training\_model\_4, variable name: size  
sibling order: 4



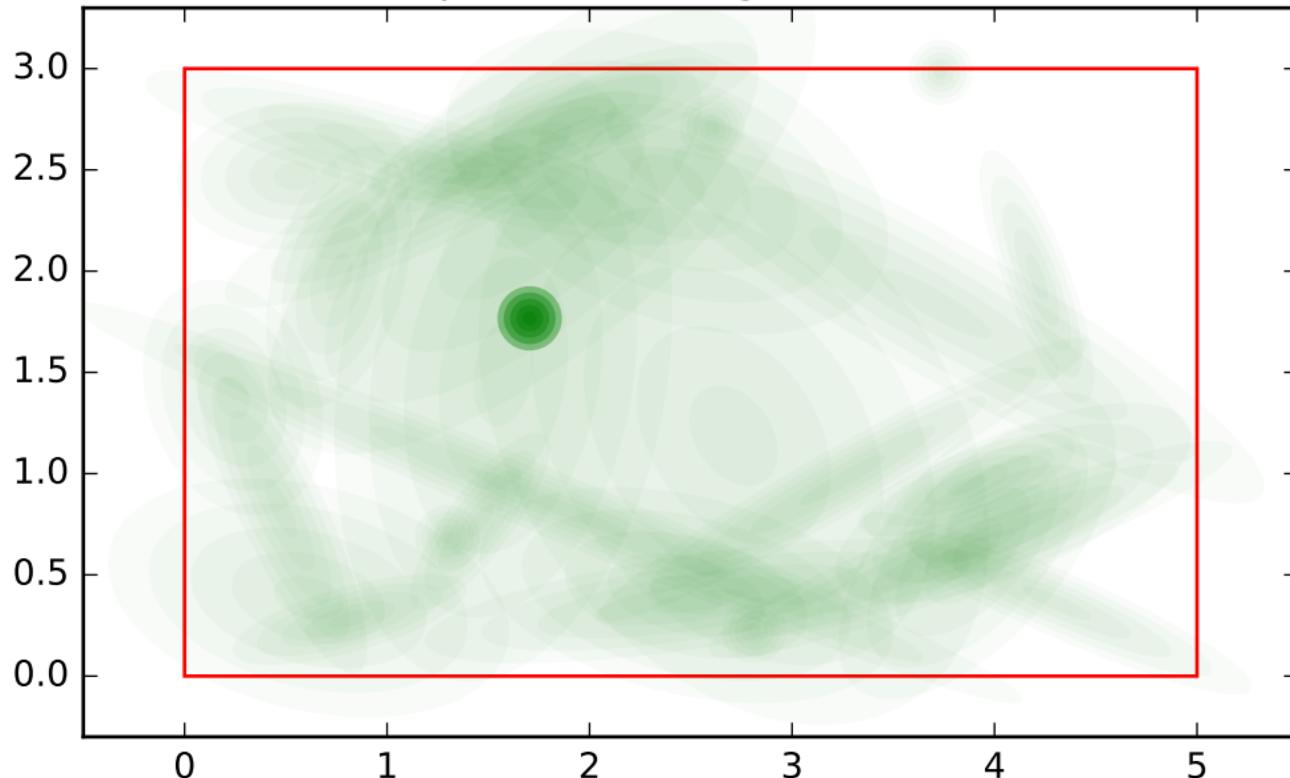
# test for min covar of gmm

GMM min covar: 0.001 ,training\_model\_4, variable name:  
position sibling order: 4



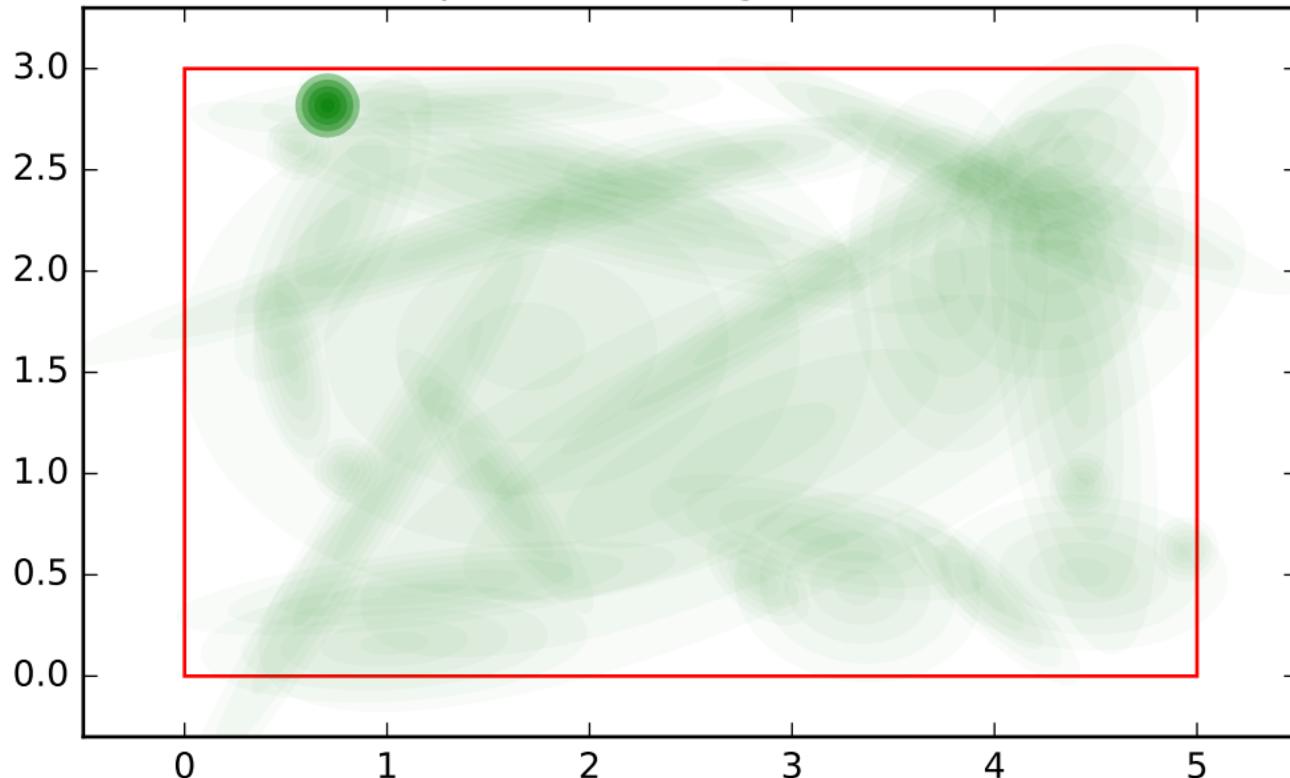
test for min covar of gmm

GMM min covar: 0.0001 ,training\_model\_0, variable name:  
position sibling order: 0



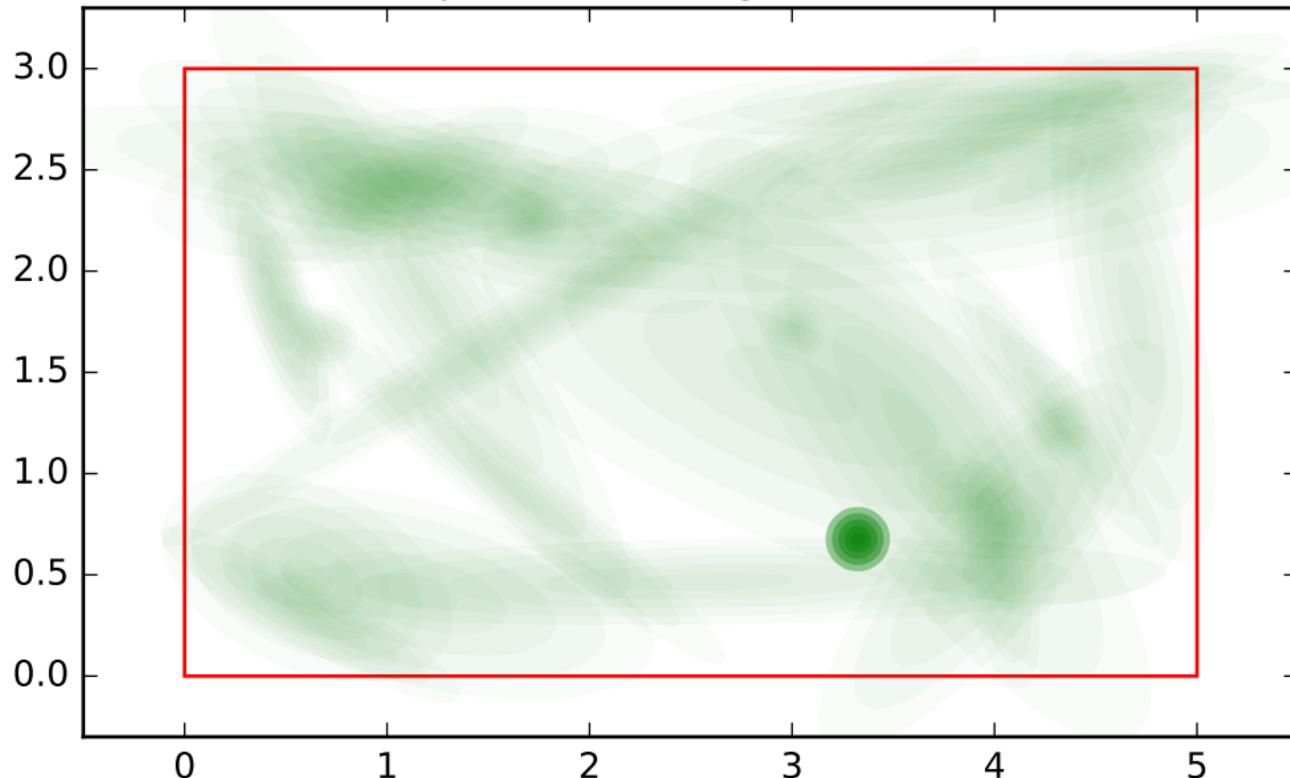
test for min covar of gmm

GMM min covar: 0.0001 ,training\_model\_0, variable name:  
position sibling order: 1



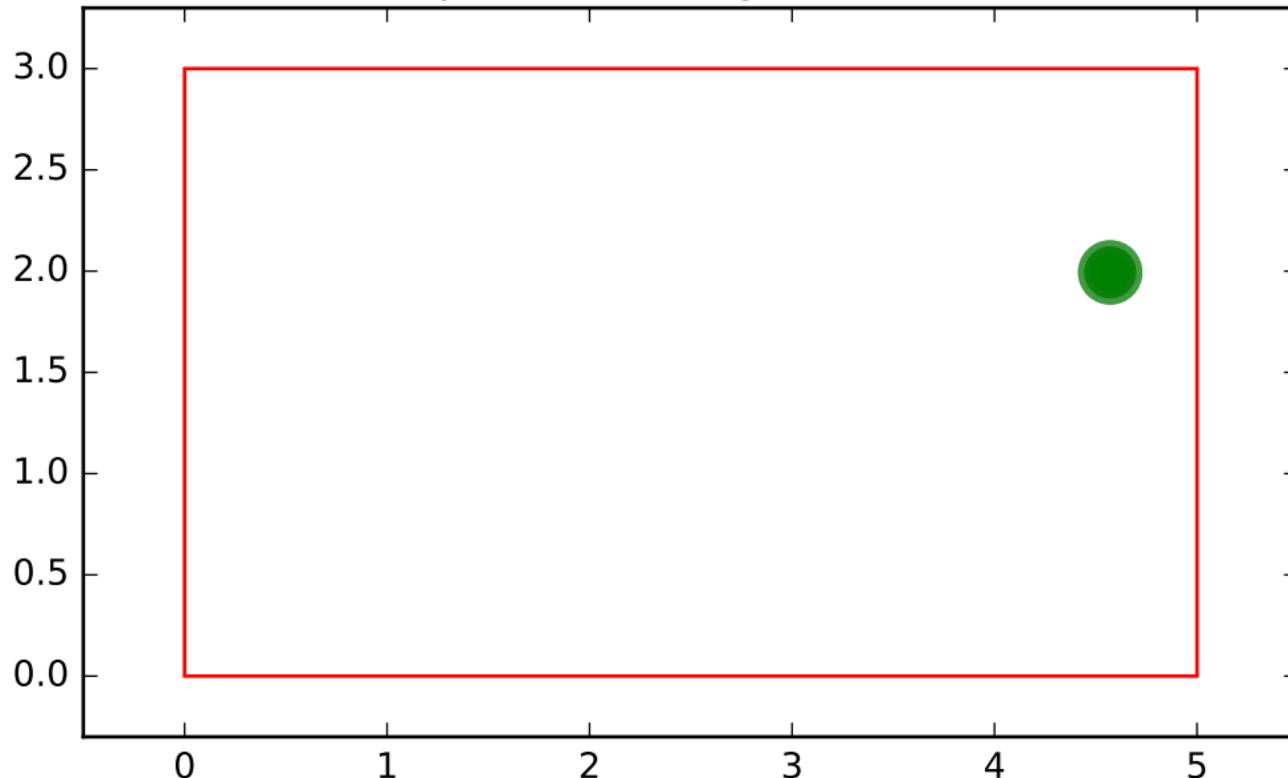
test for min covar of gmm

GMM min covar: 0.0001 ,training\_model\_0, variable name:  
position sibling order: 2



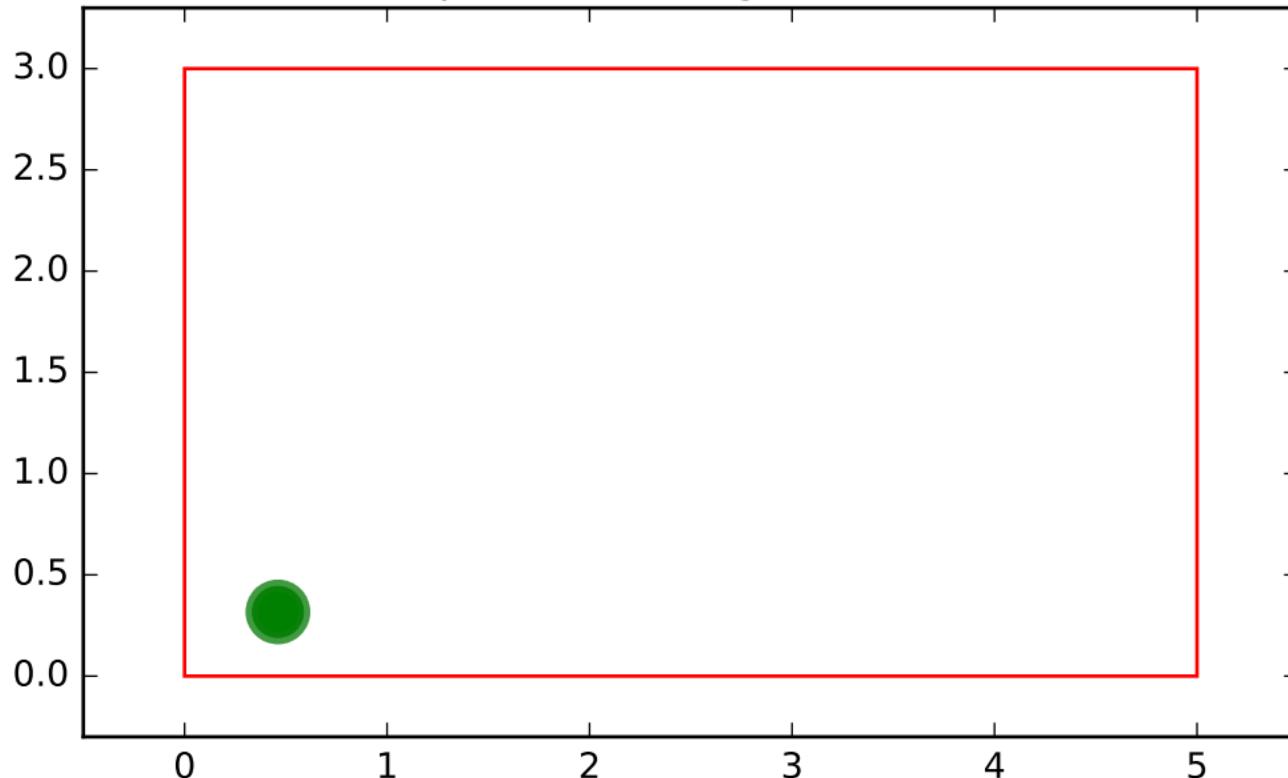
test for min covar of gmm

GMM min covar: 0.0001 ,training\_model\_0, variable name:  
position sibling order: 3



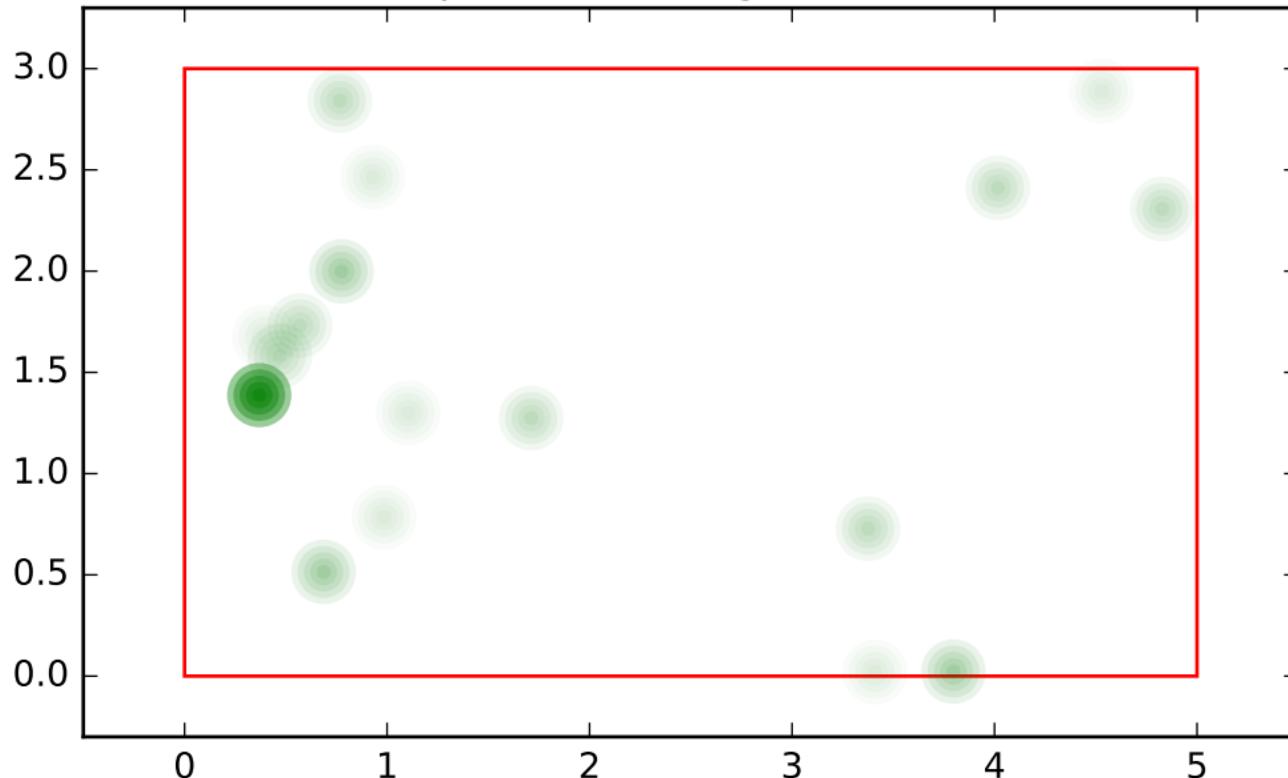
test for min covar of gmm

GMM min covar: 0.0001 ,training\_model\_0, variable name:  
position sibling order: 4



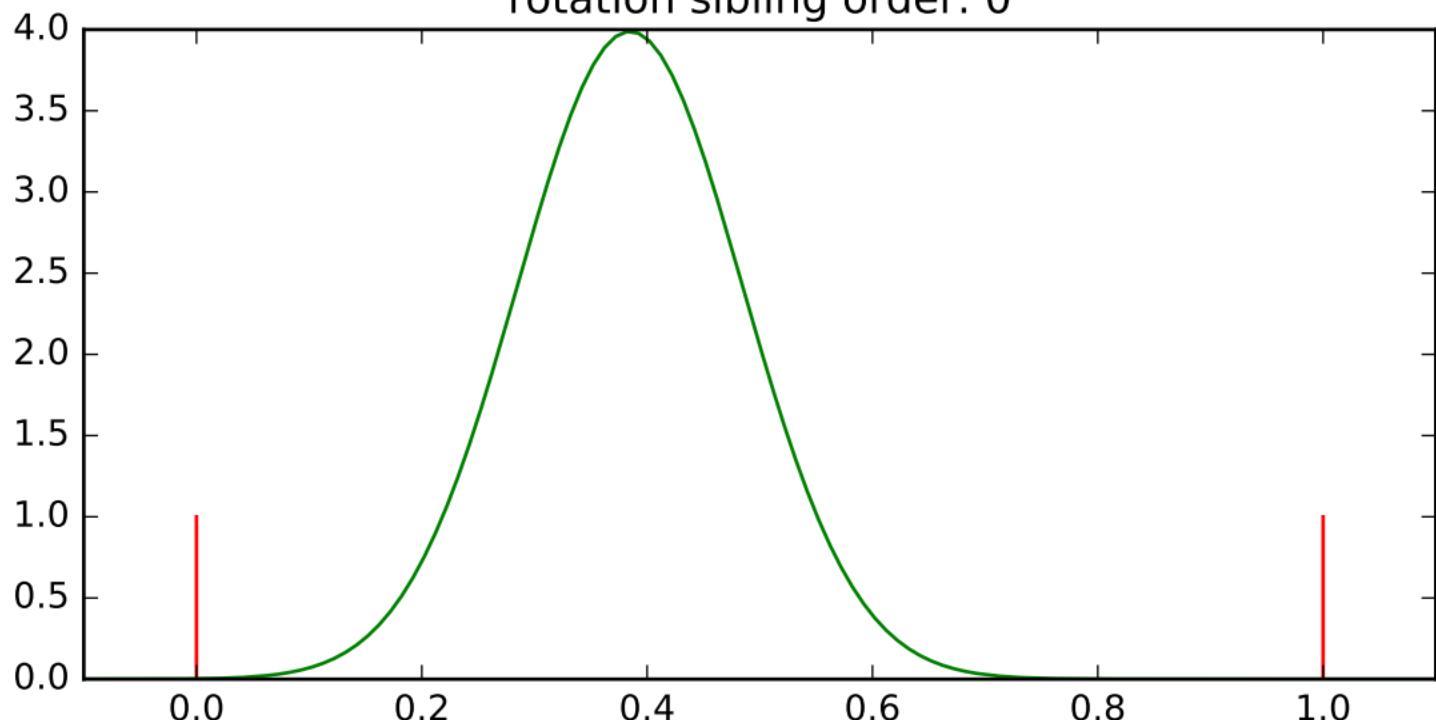
test for min covar of gmm

GMM min covar: 0.0001 ,training\_model\_1, variable name:  
position sibling order: 0



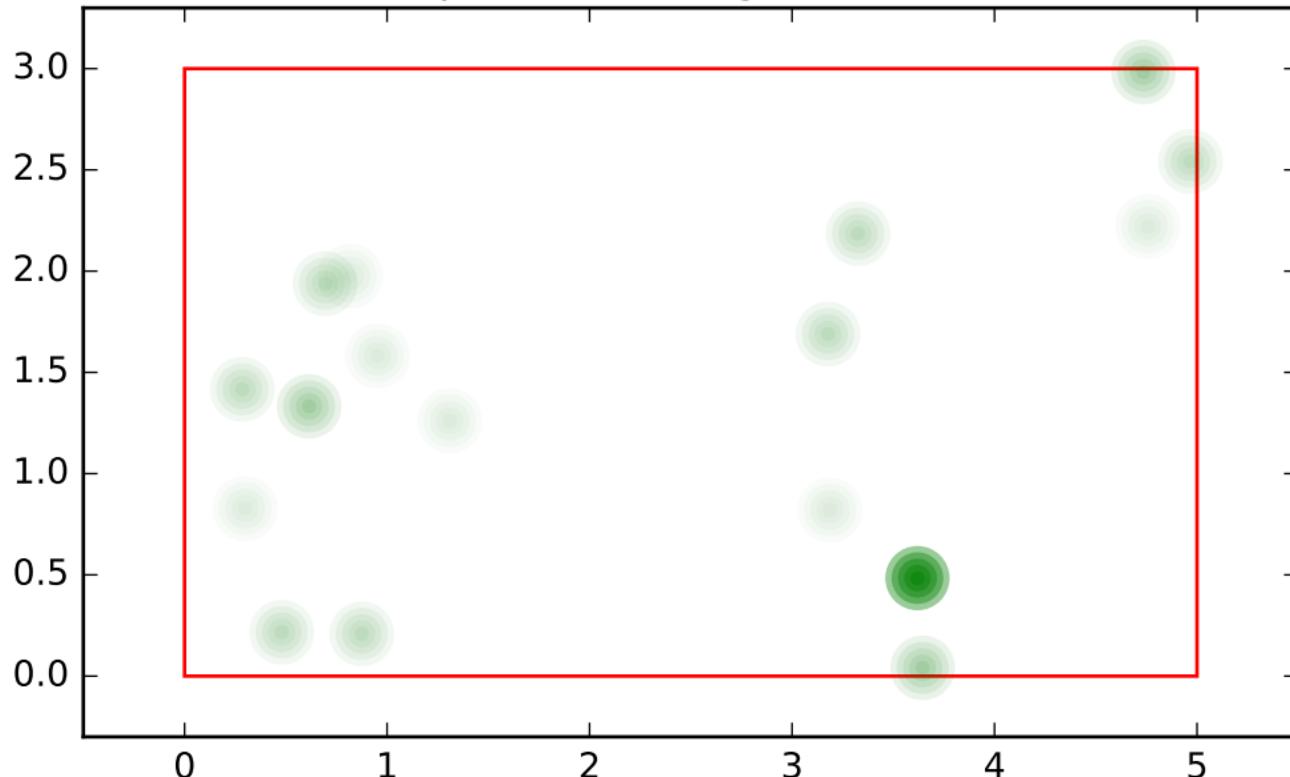
# test for min covar of gmm

GMM min covar: 0.0001 ,training\_model\_1, variable name:  
rotation sibling order: 0



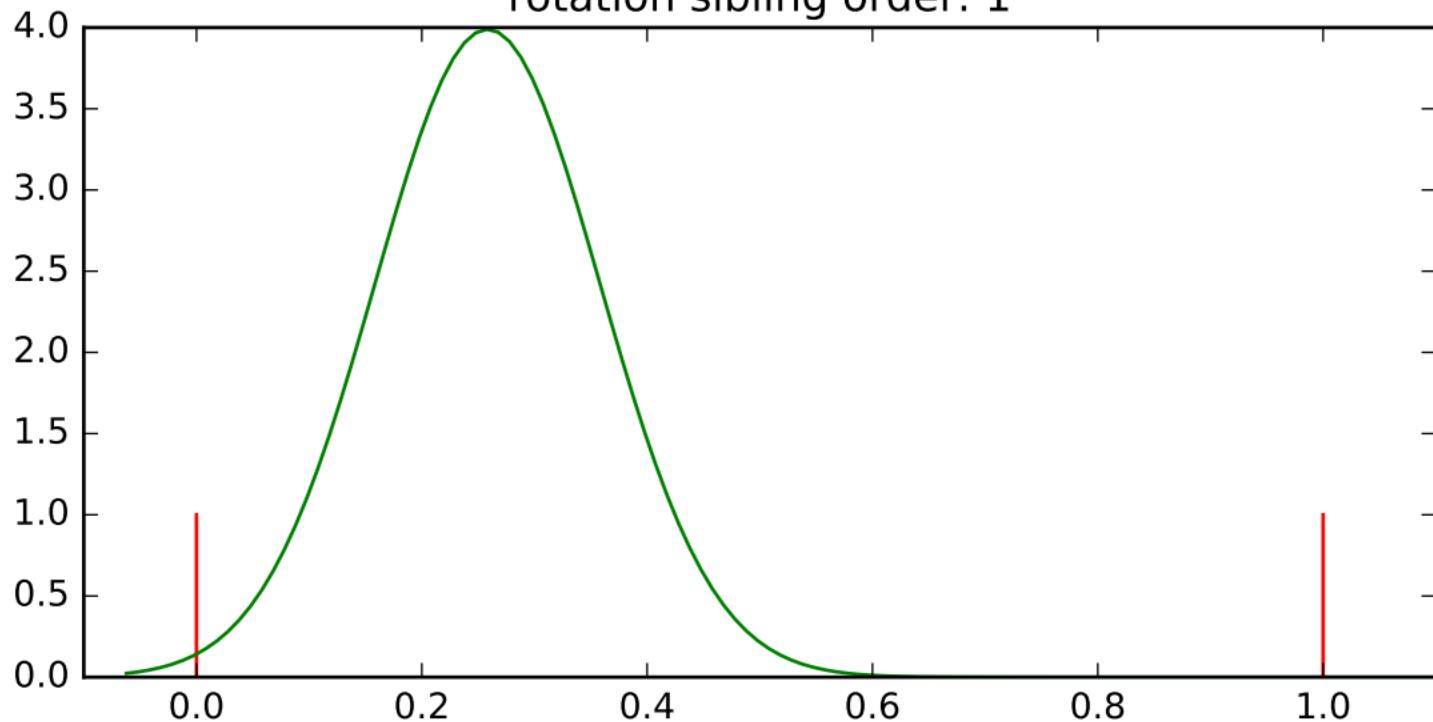
# test for min covar of gmm

GMM min covar: 0.0001 ,training\_model\_1, variable name:  
position sibling order: 1



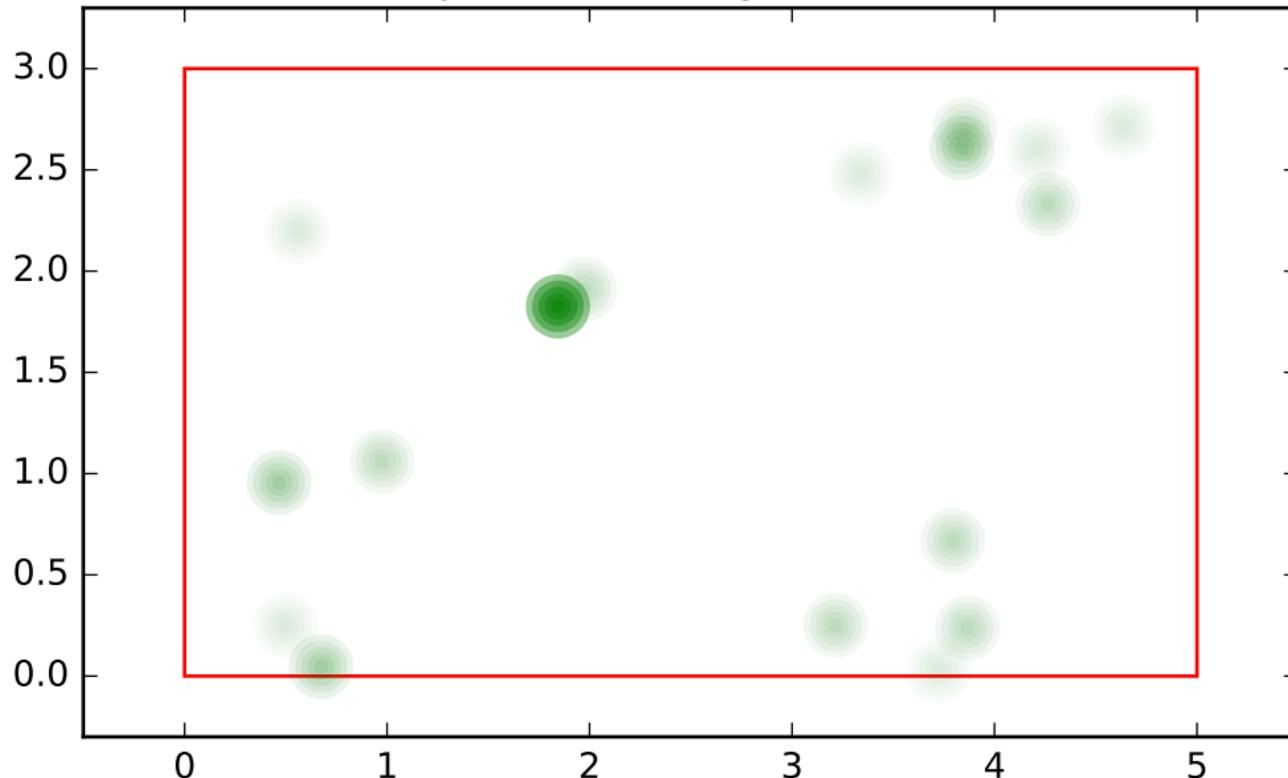
# test for min covar of gmm

GMM min covar: 0.0001 ,training\_model\_1, variable name:  
rotation sibling order: 1



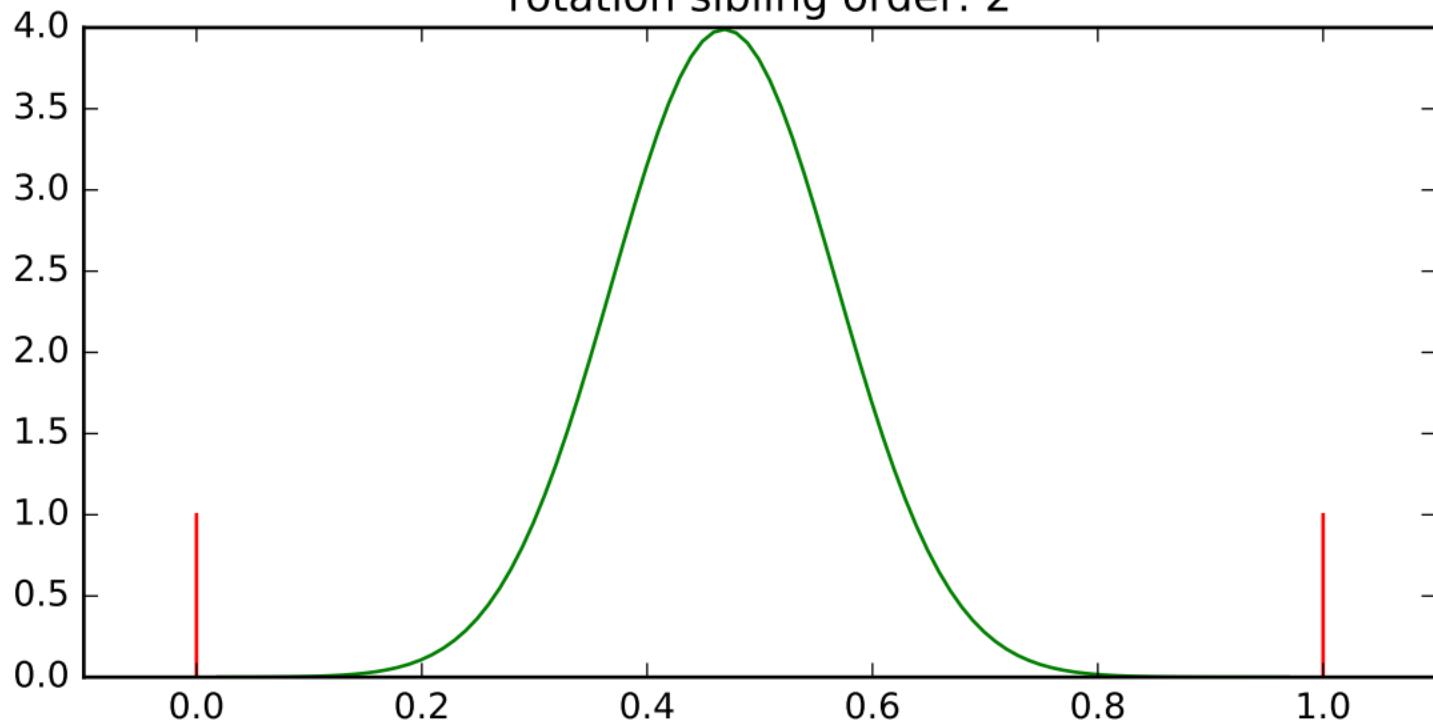
test for min covar of gmm

GMM min covar: 0.0001 ,training\_model\_1, variable name:  
position sibling order: 2



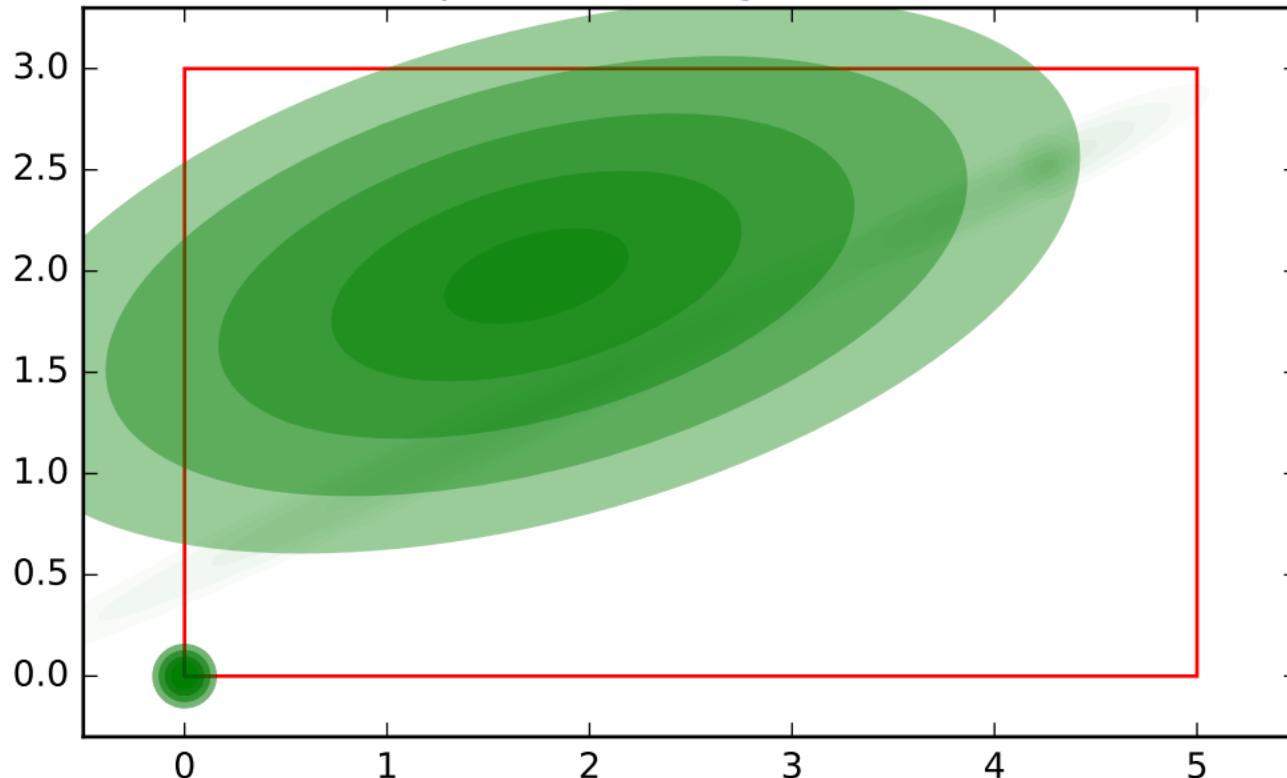
# test for min covar of gmm

GMM min covar: 0.0001 ,training\_model\_1, variable name:  
rotation sibling order: 2



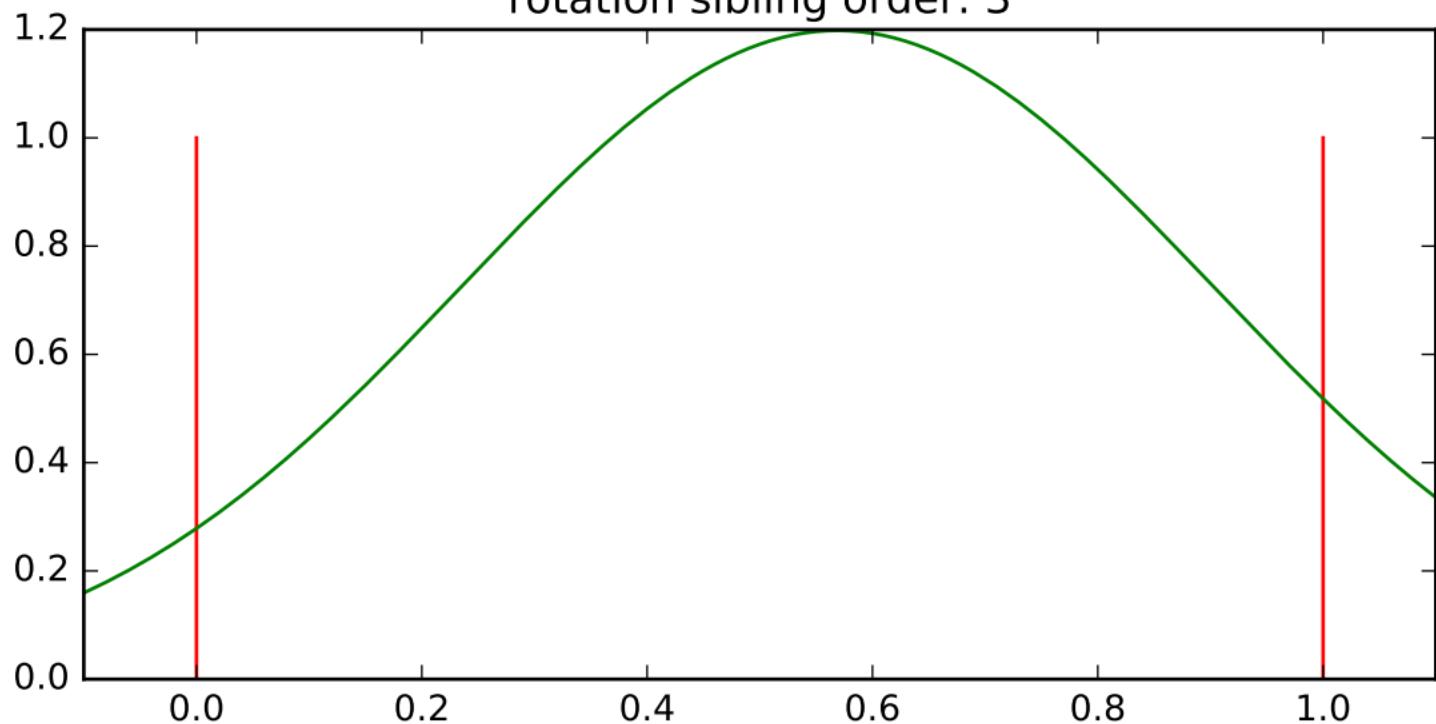
# test for min covar of gmm

GMM min covar: 0.0001 ,training\_model\_1, variable name:  
position sibling order: 3



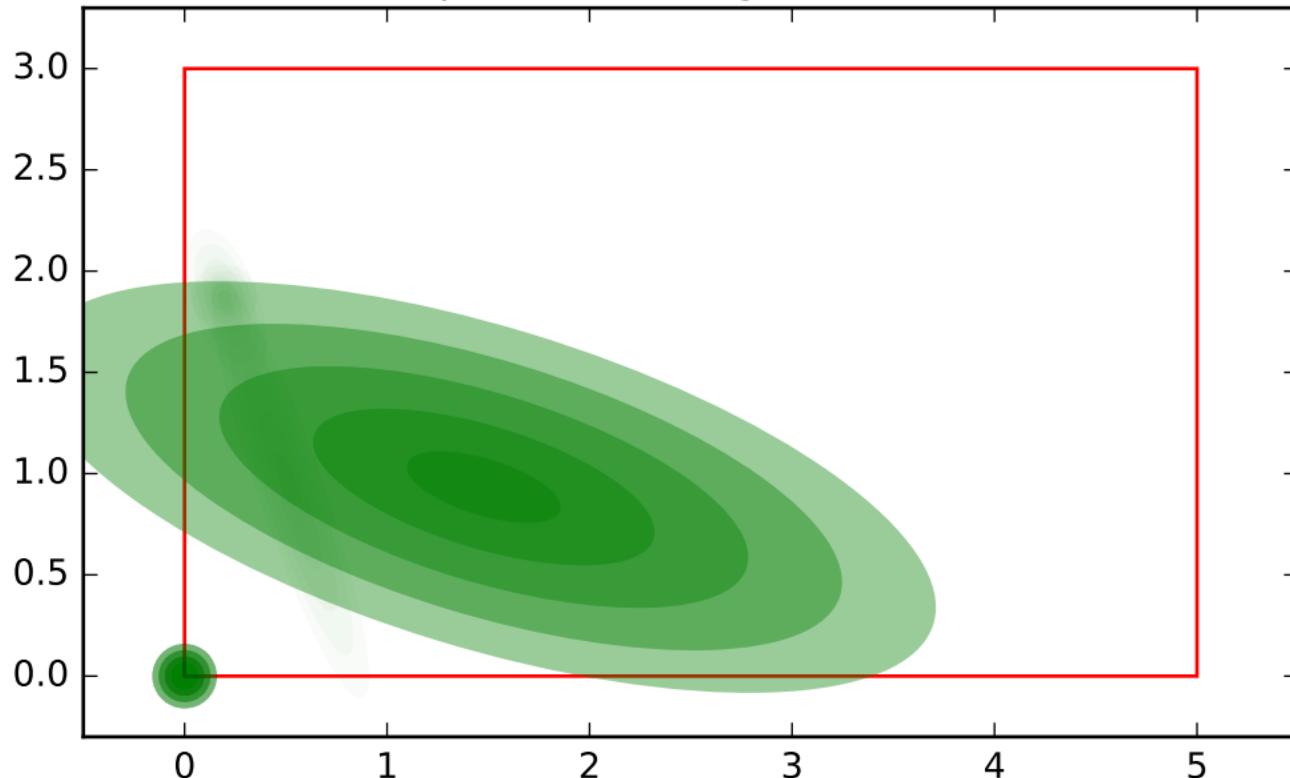
# test for min covar of gmm

GMM min covar: 0.0001 ,training\_model\_1, variable name:  
rotation sibling order: 3



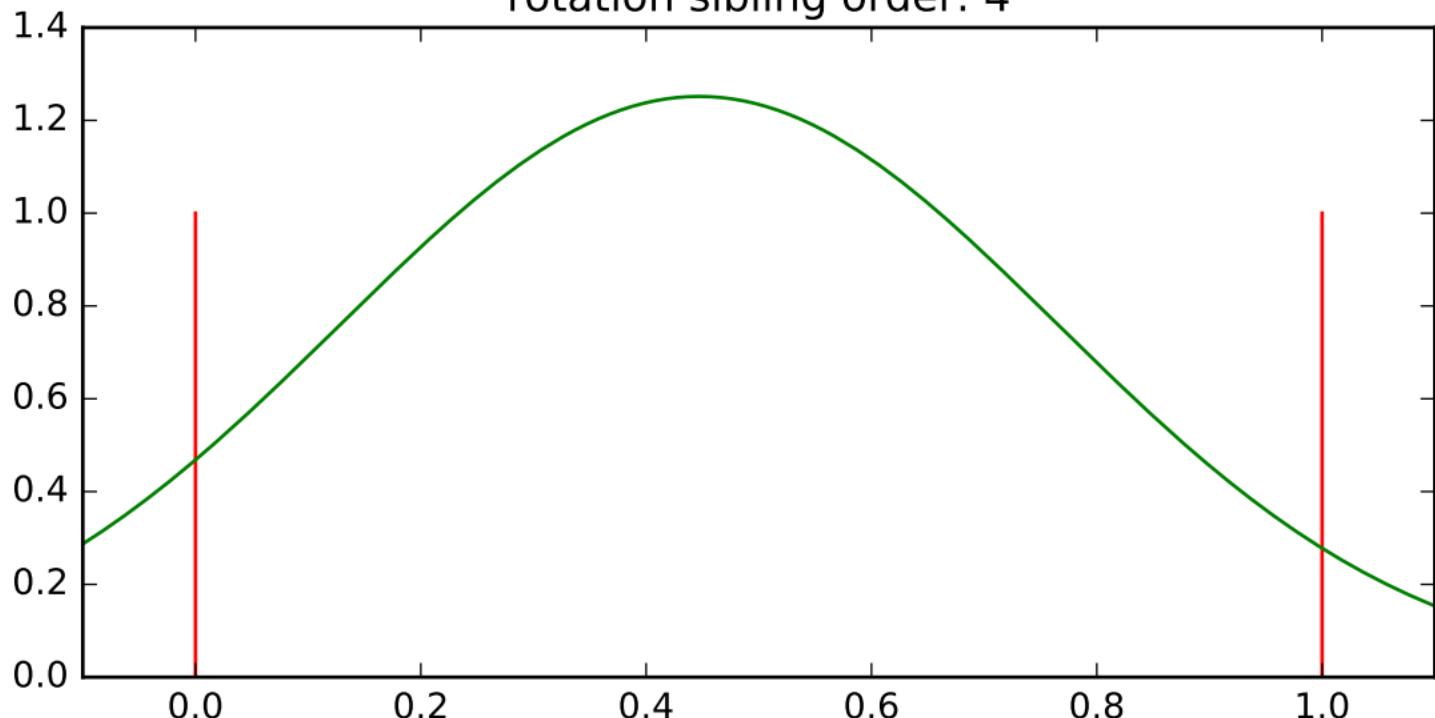
test for min covar of gmm

GMM min covar: 0.0001 ,training\_model\_1, variable name:  
position sibling order: 4



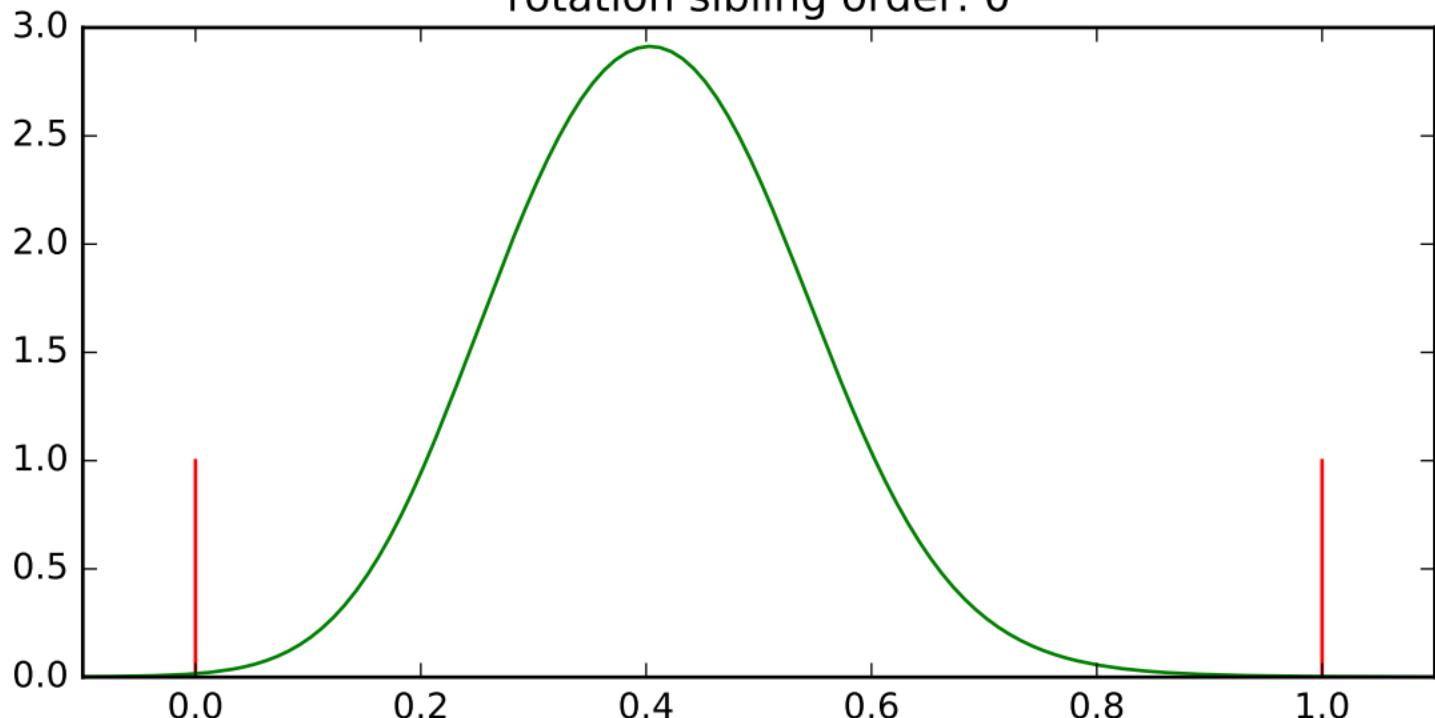
# test for min covar of gmm

GMM min covar: 0.0001 ,training\_model\_1, variable name:  
rotation sibling order: 4



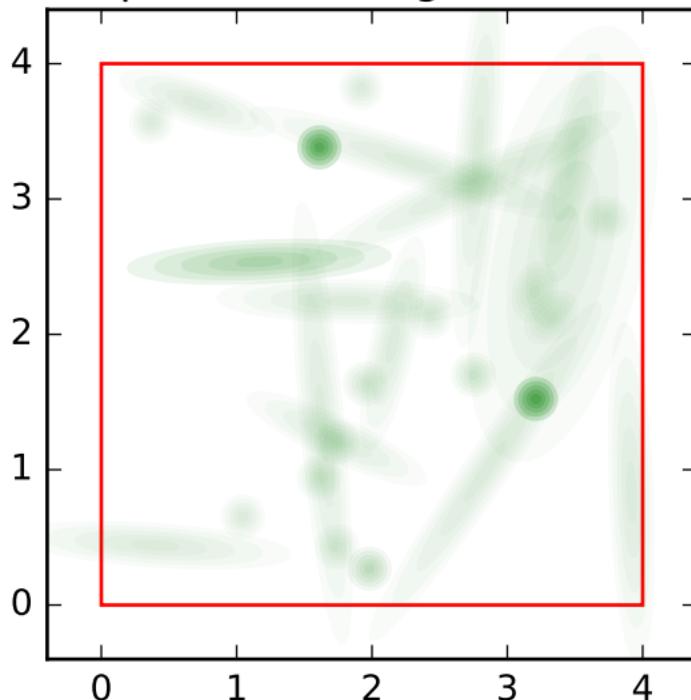
# test for min covar of gmm

GMM min covar: 0.0001 ,training\_model\_2, variable name:  
rotation sibling order: 0



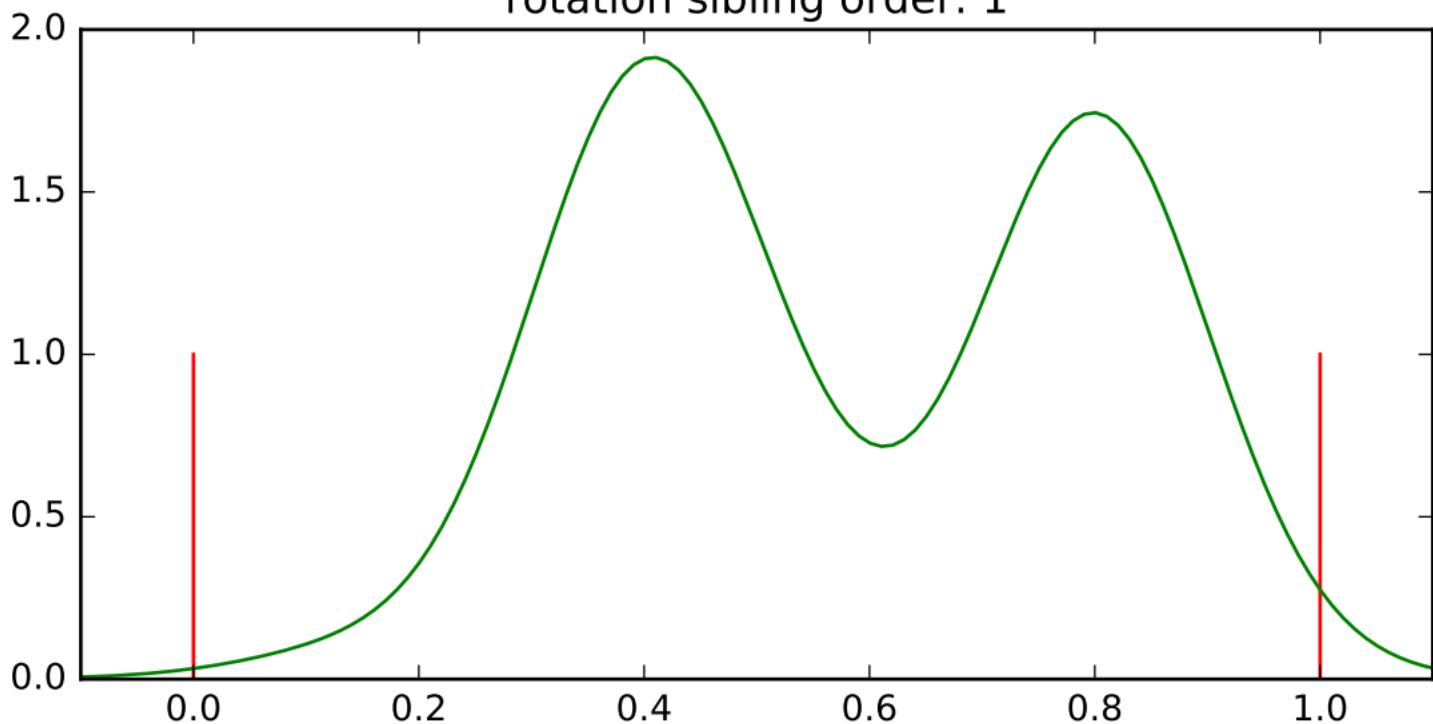
# test for min covar of gmm

GMM min covar: 0.0001 ,training\_model\_2, variable name:  
position sibling order: 0



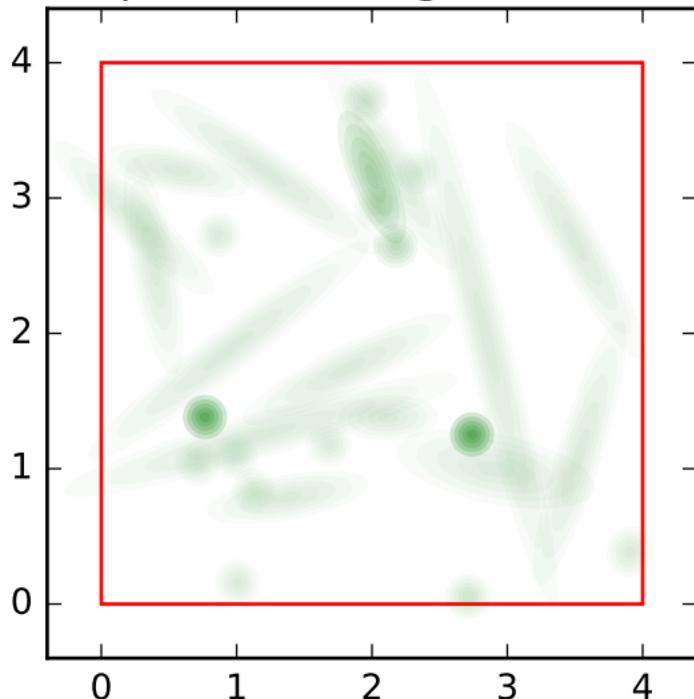
# test for min covar of gmm

GMM min covar: 0.0001 ,training\_model\_2, variable name:  
rotation sibling order: 1



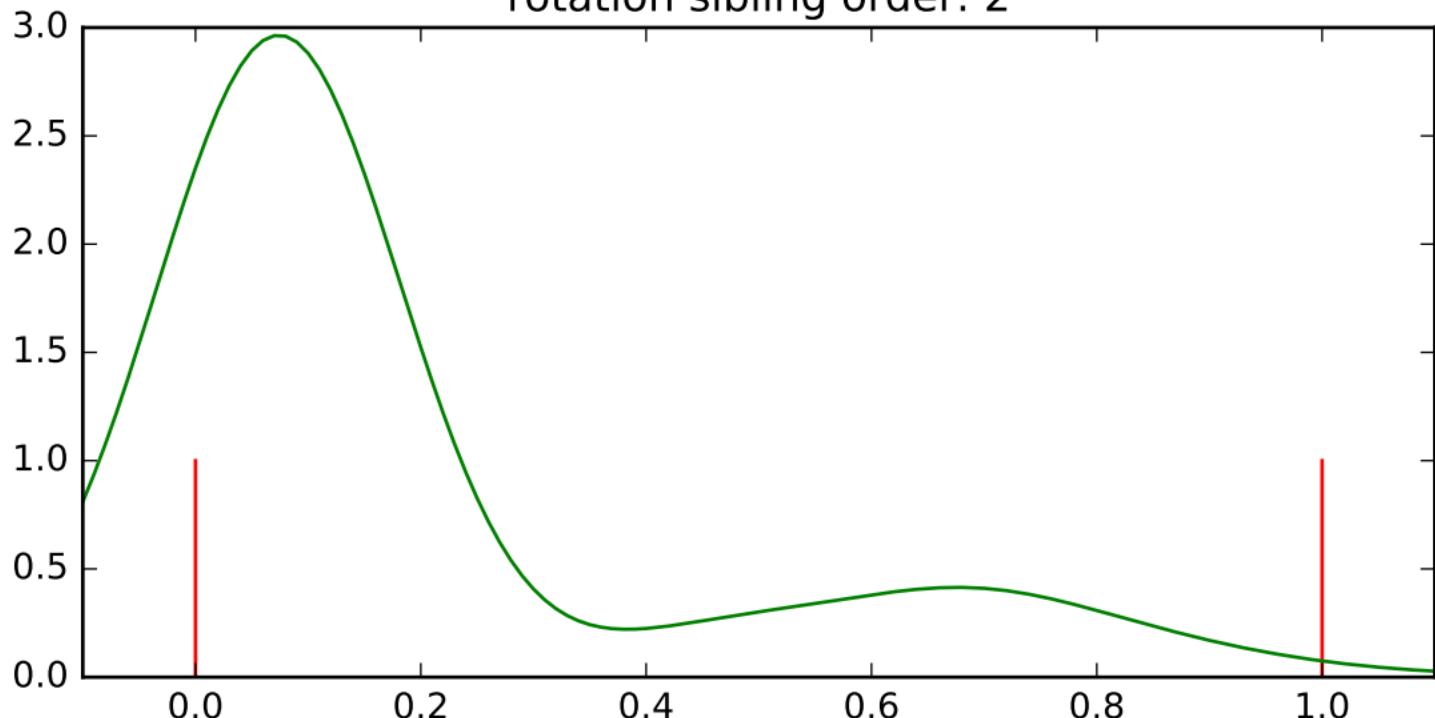
# test for min covar of gmm

GMM min covar: 0.0001 ,training\_model\_2, variable name:  
position sibling order: 1



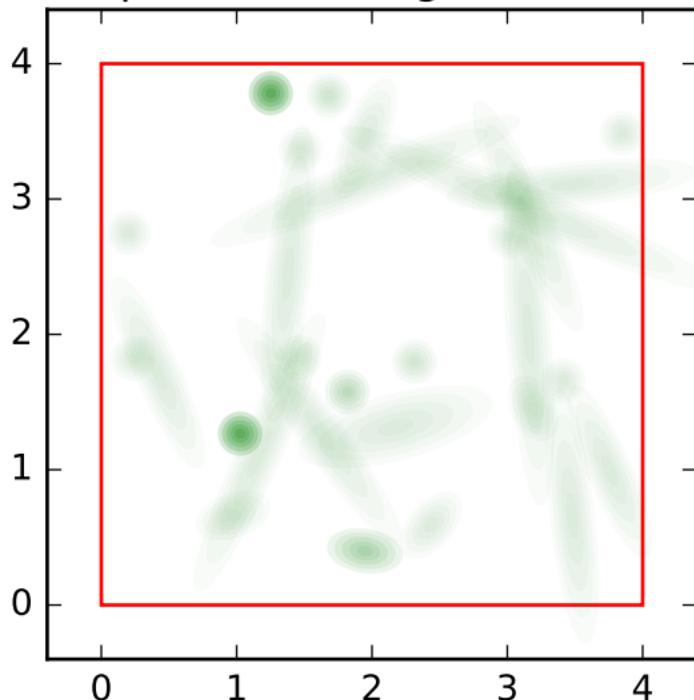
test for min covar of gmm

GMM min covar: 0.0001 ,training\_model\_2, variable name:  
rotation sibling order: 2



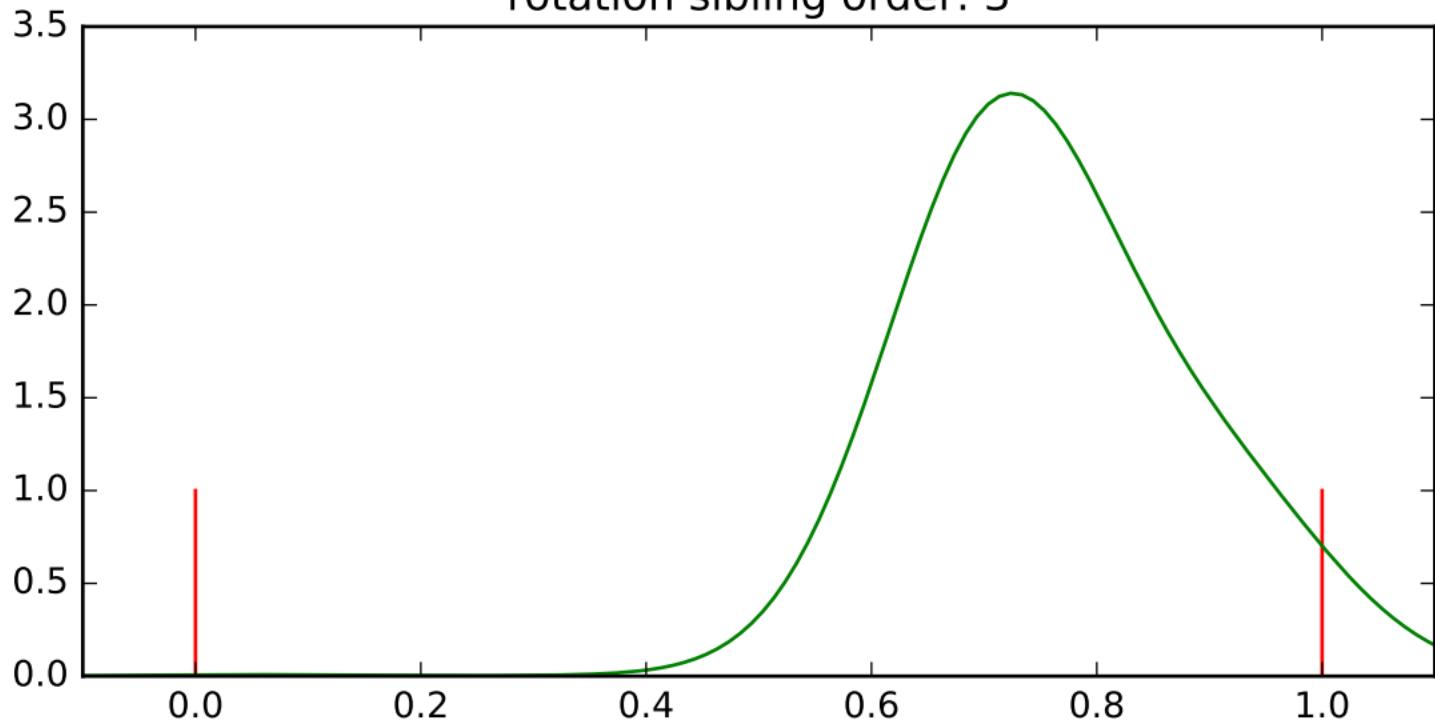
# test for min covar of gmm

GMM min covar: 0.0001 ,training\_model\_2, variable name:  
position sibling order: 2



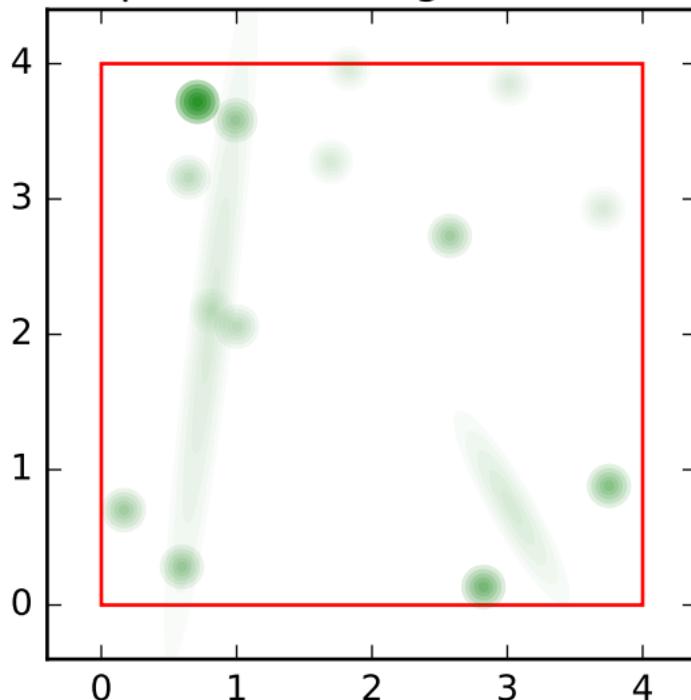
# test for min covar of gmm

GMM min covar: 0.0001 ,training\_model\_2, variable name:  
rotation sibling order: 3



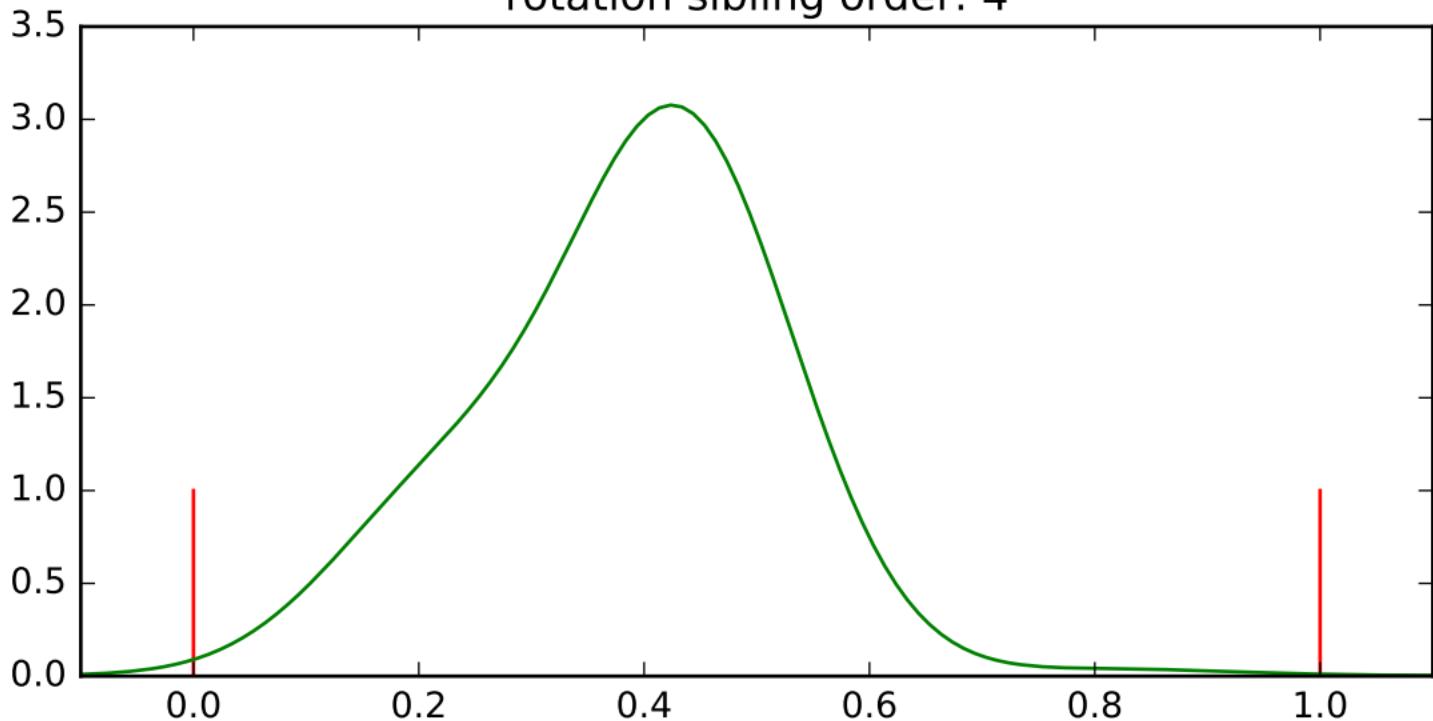
# test for min covar of gmm

GMM min covar: 0.0001 ,training\_model\_2, variable name:  
position sibling order: 3



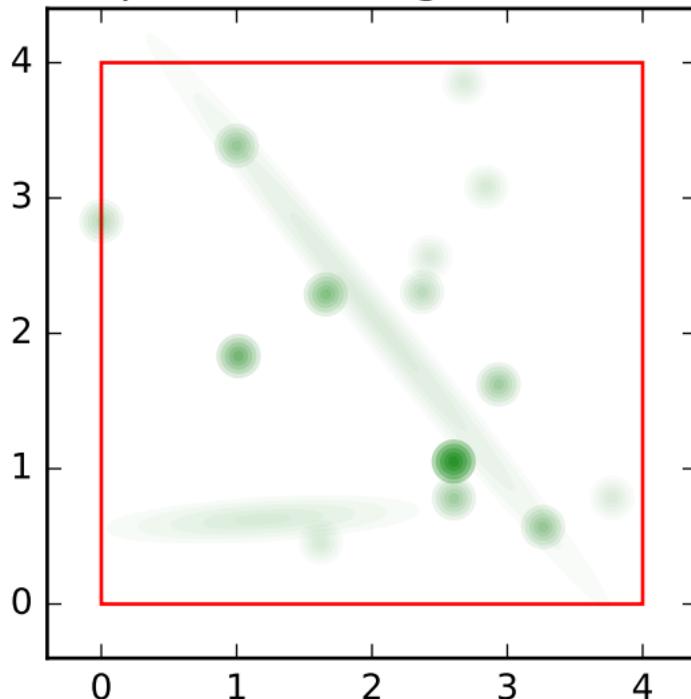
# test for min covar of gmm

GMM min covar: 0.0001 ,training\_model\_2, variable name:  
rotation sibling order: 4



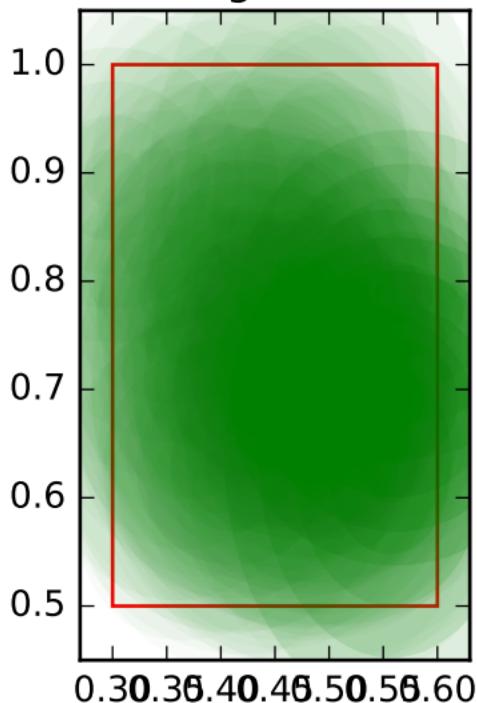
# test for min covar of gmm

GMM min covar: 0.0001 ,training\_model\_2, variable name:  
position sibling order: 4



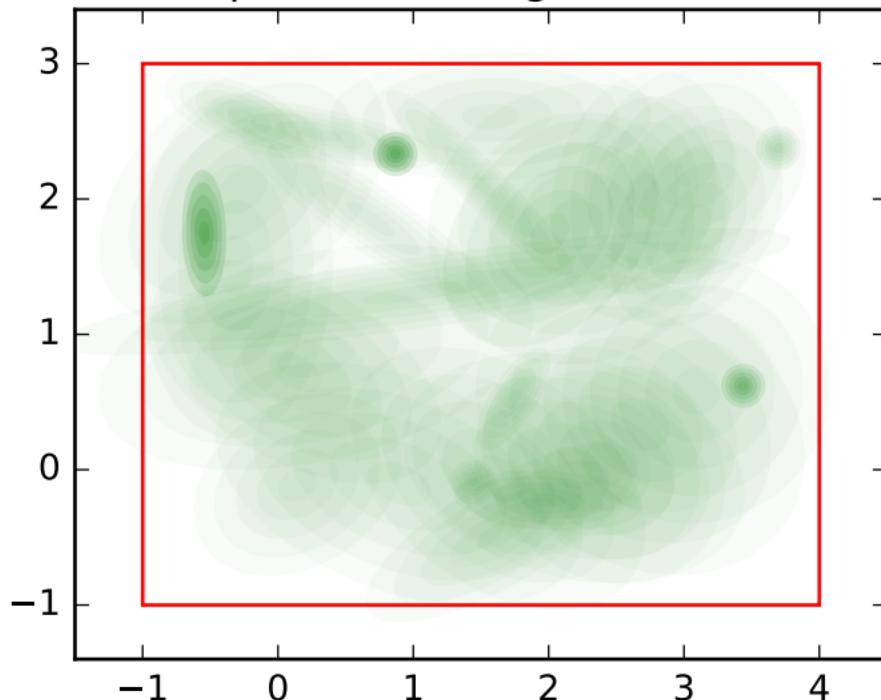
# test for min covar of gmm

GMM min covar: 0.0001 ,training\_model\_3, variable name: size  
sibling order: 0



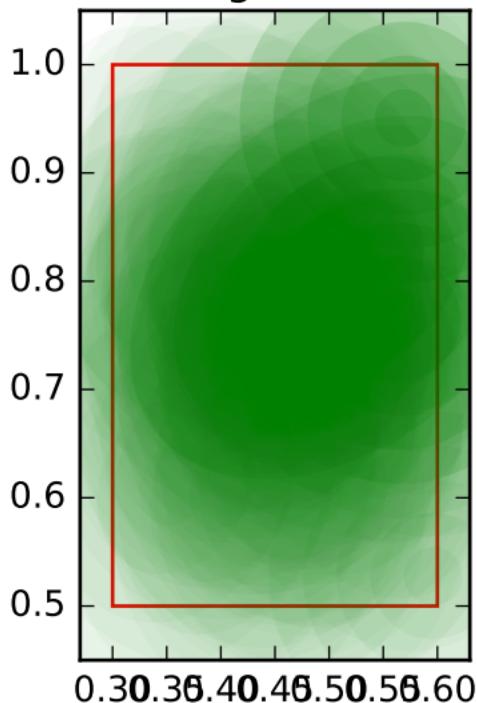
# test for min covar of gmm

GMM min covar: 0.0001 ,training\_model\_3, variable name:  
position sibling order: 0



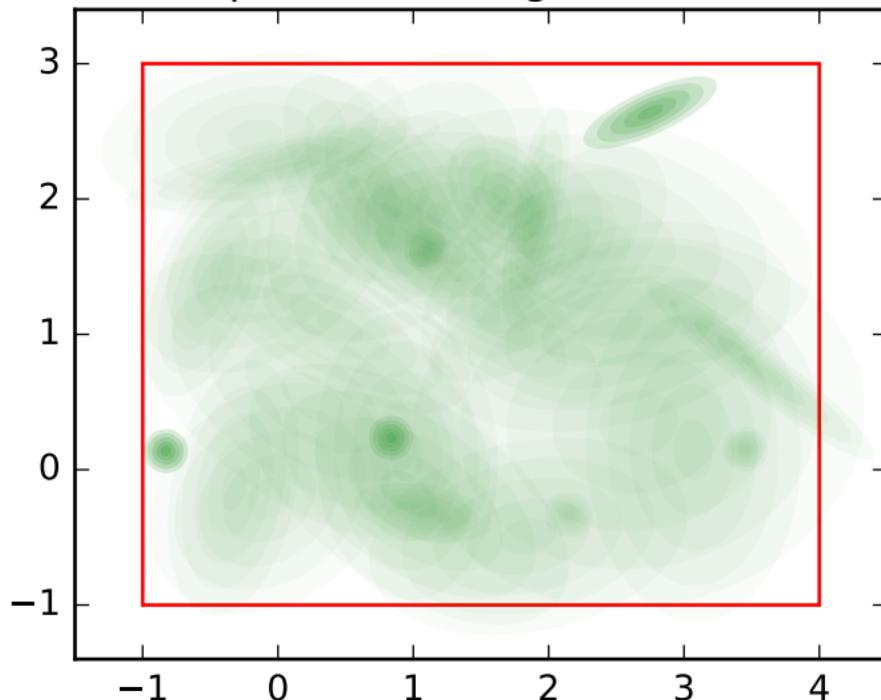
# test for min covar of gmm

GMM min covar: 0.0001 ,training\_model\_3, variable name: size  
sibling order: 1



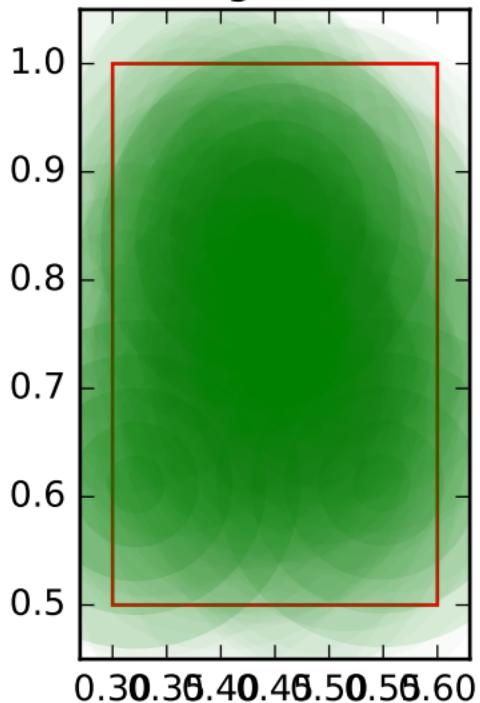
# test for min covar of gmm

GMM min covar: 0.0001 ,training\_model\_3, variable name:  
position sibling order: 1



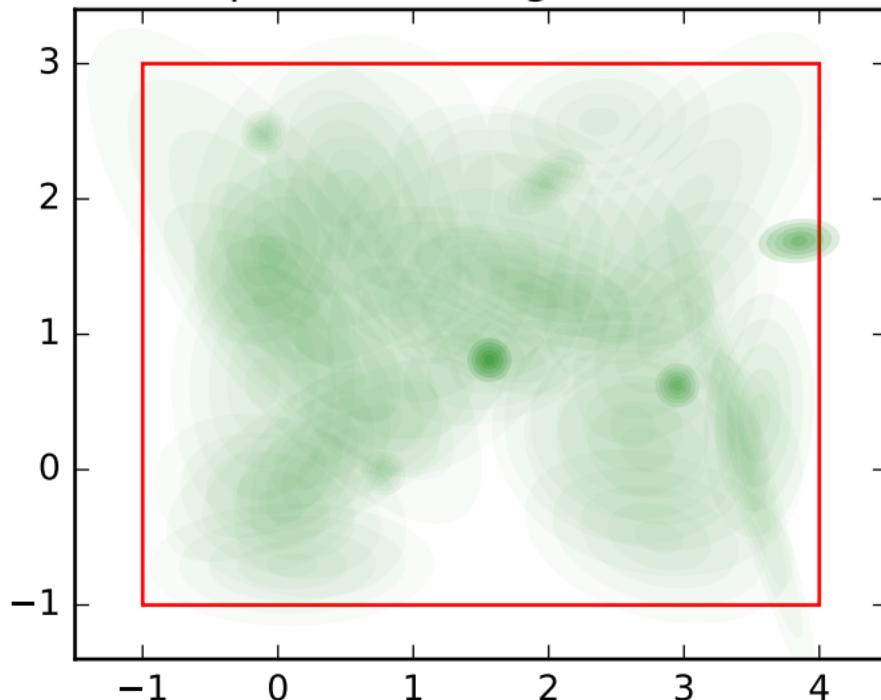
# test for min covar of gmm

GMM min covar: 0.0001 ,training\_model\_3, variable name: size  
sibling order: 2



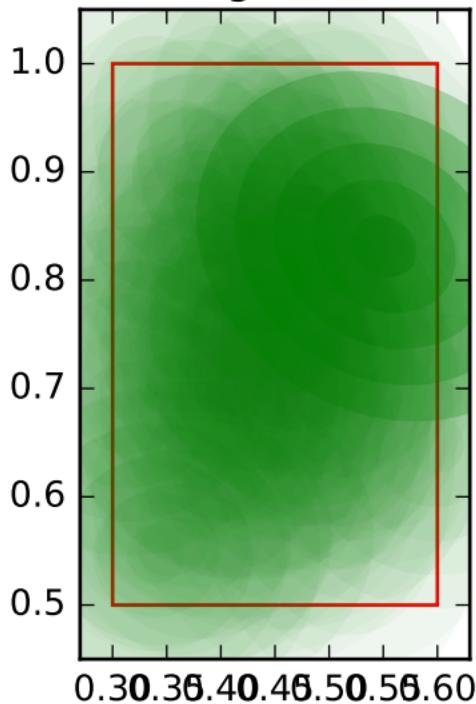
# test for min covar of gmm

GMM min covar: 0.0001 ,training\_model\_3, variable name:  
position sibling order: 2



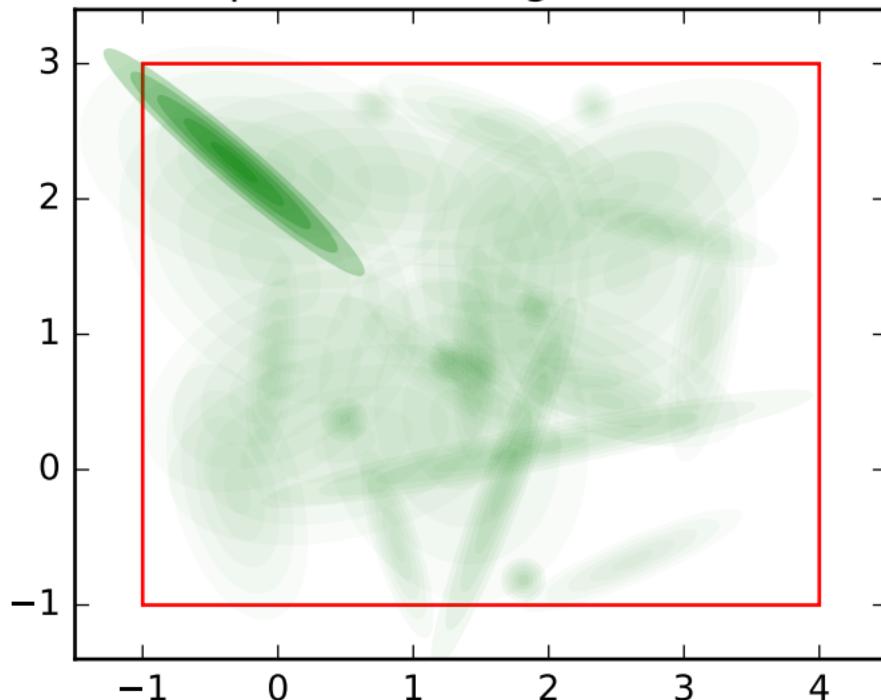
# test for min covar of gmm

GMM min covar: 0.0001 ,training\_model\_3, variable name: size  
sibling order: 3



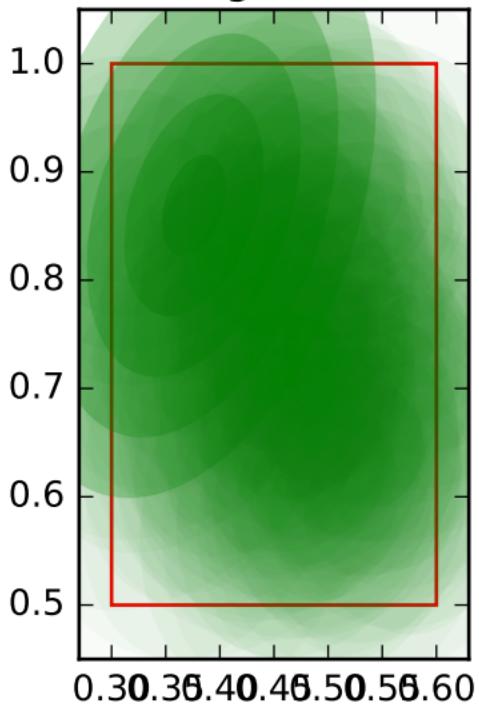
# test for min covar of gmm

GMM min covar: 0.0001 ,training\_model\_3, variable name:  
position sibling order: 3



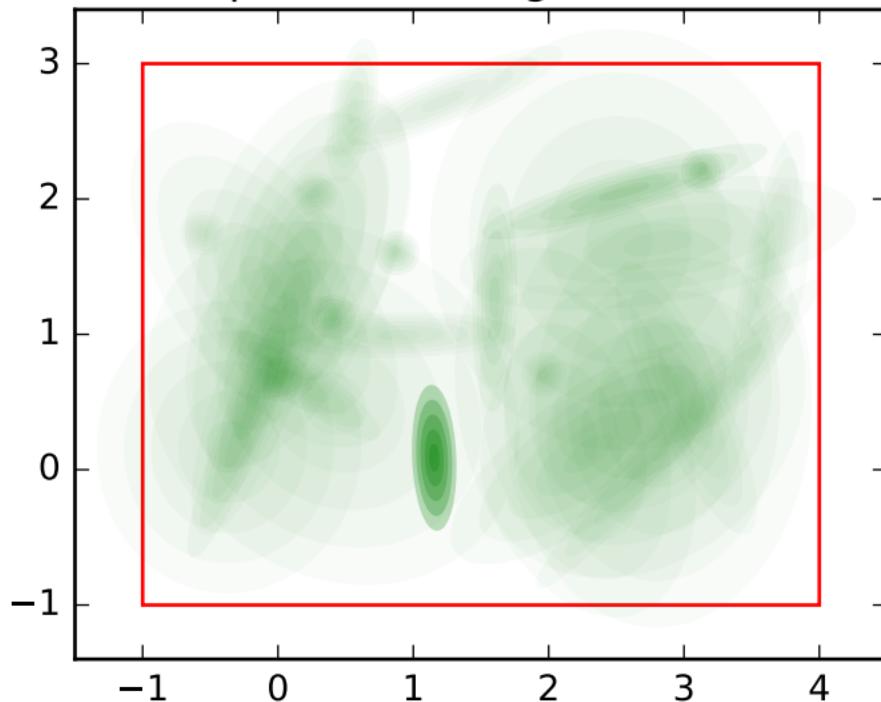
# test for min covar of gmm

GMM min covar: 0.0001 ,training\_model\_3, variable name: size  
sibling order: 4



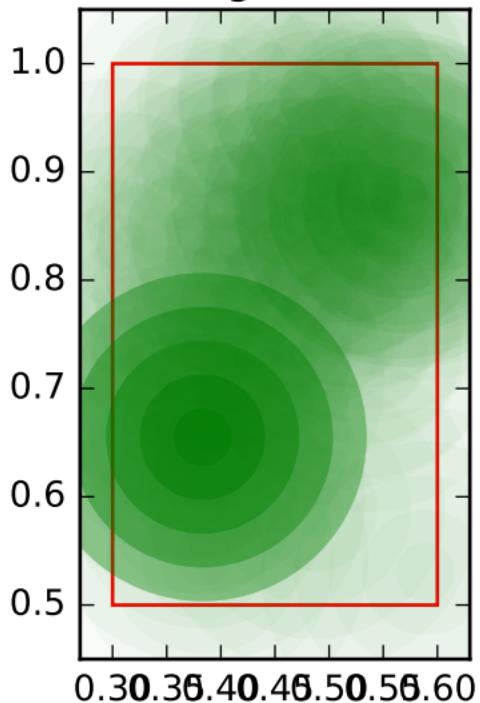
# test for min covar of gmm

GMM min covar: 0.0001 ,training\_model\_3, variable name:  
position sibling order: 4



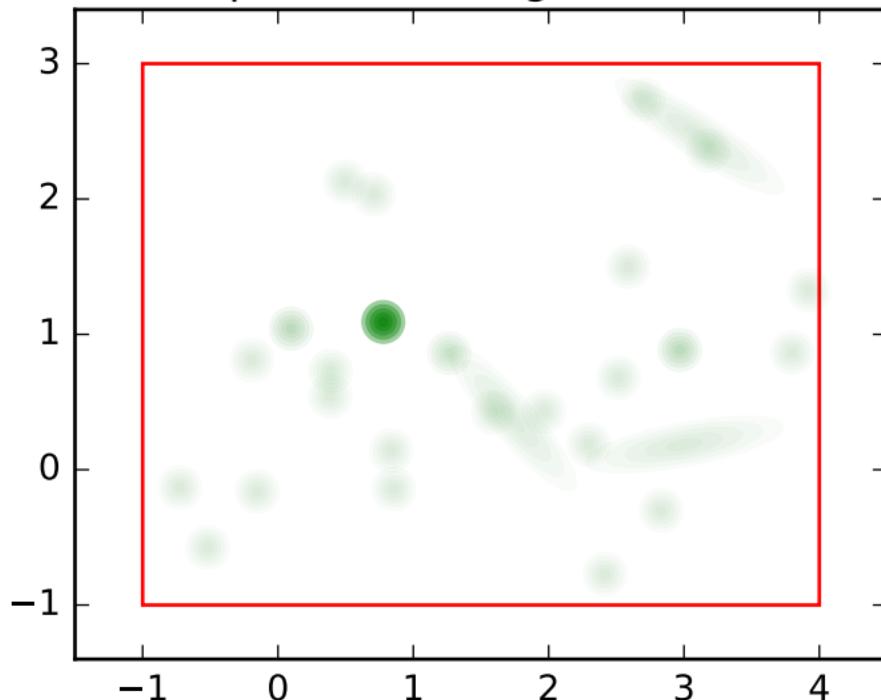
# test for min covar of gmm

GMM min covar: 0.0001 ,training\_model\_4, variable name: size  
sibling order: 0



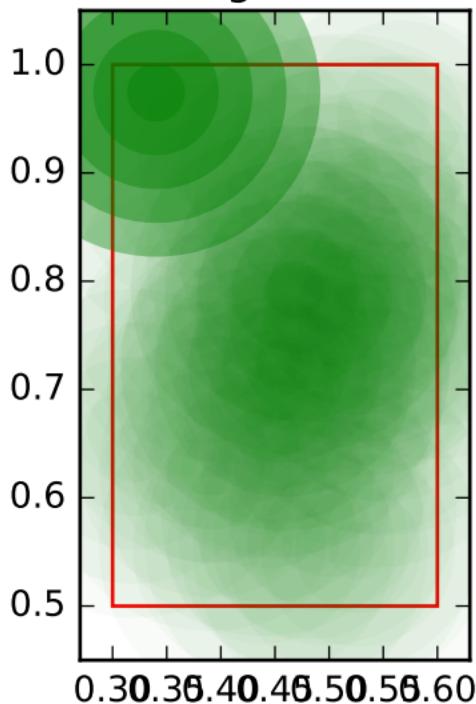
# test for min covar of gmm

GMM min covar: 0.0001 ,training\_model\_4, variable name:  
position sibling order: 0



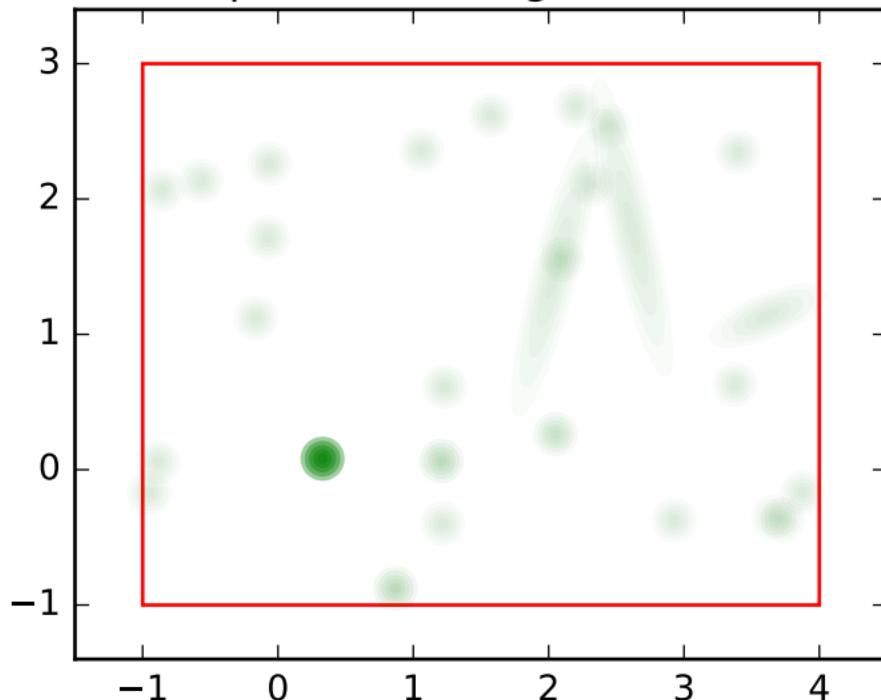
# test for min covar of gmm

GMM min covar: 0.0001 ,training\_model\_4, variable name: size  
sibling order: 1



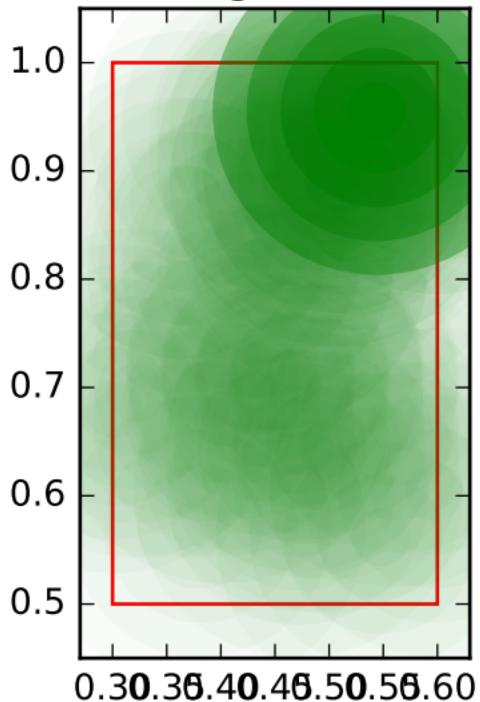
# test for min covar of gmm

GMM min covar: 0.0001 ,training\_model\_4, variable name:  
position sibling order: 1



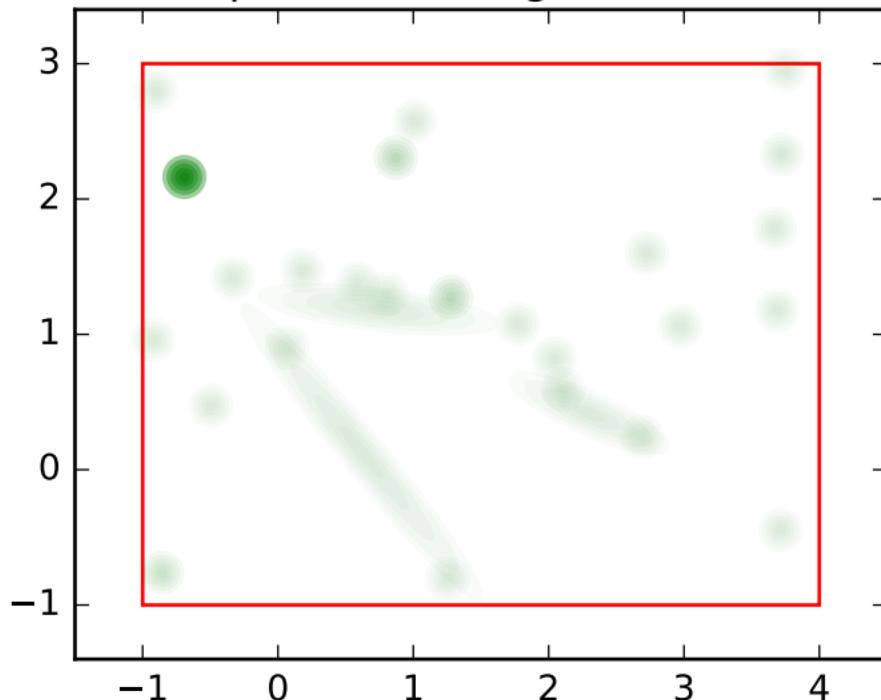
# test for min covar of gmm

GMM min covar: 0.0001 ,training\_model\_4, variable name: size  
sibling order: 2



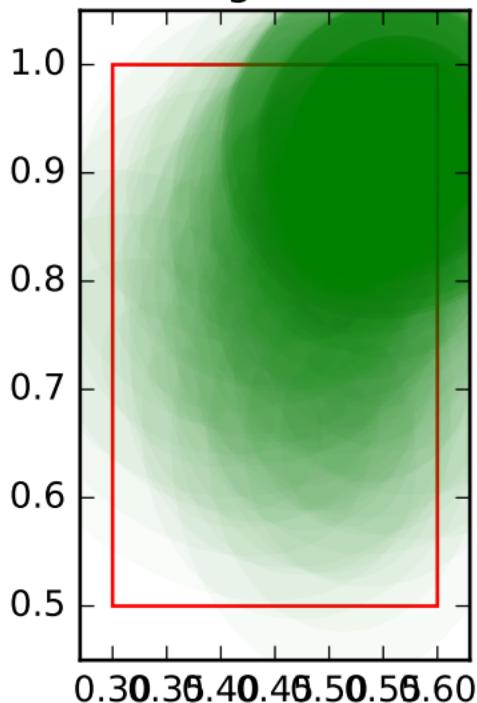
# test for min covar of gmm

GMM min covar: 0.0001 ,training\_model\_4, variable name:  
position sibling order: 2



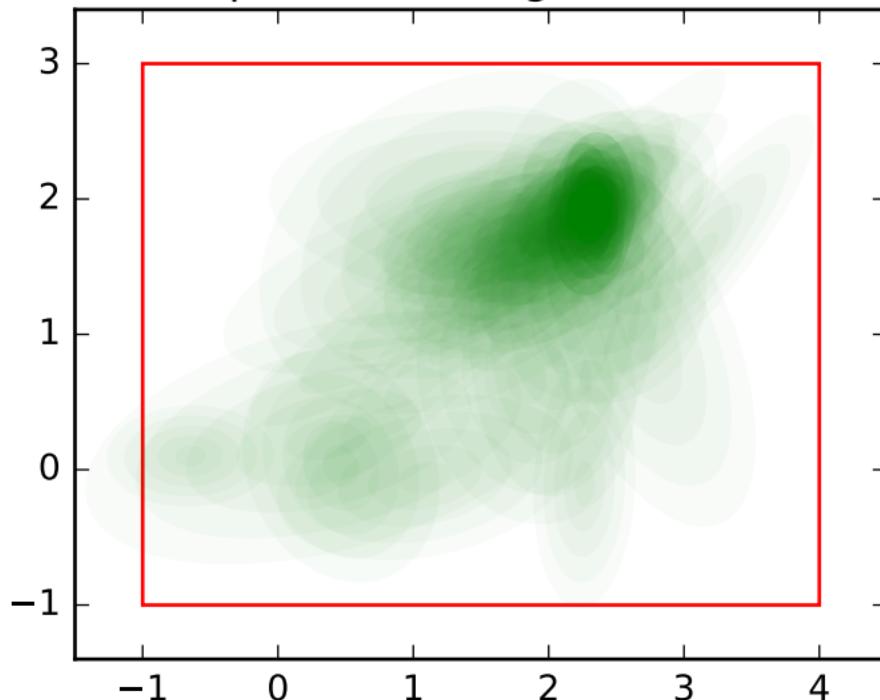
# test for min covar of gmm

GMM min covar: 0.0001 ,training\_model\_4, variable name: size  
sibling order: 3



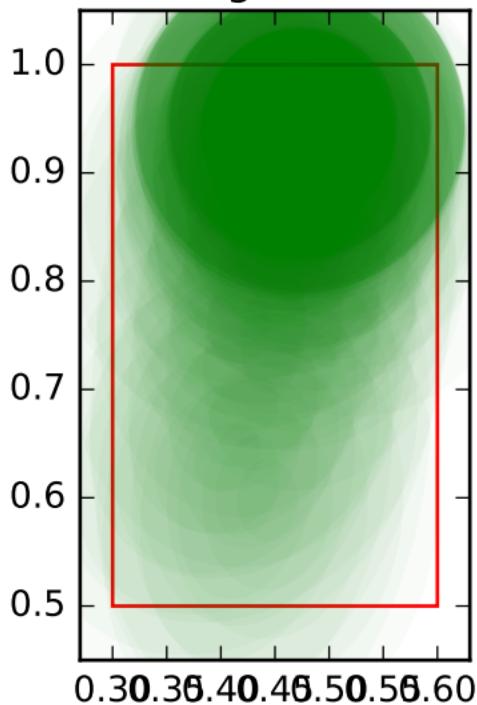
# test for min covar of gmm

GMM min covar: 0.0001 ,training\_model\_4, variable name:  
position sibling order: 3



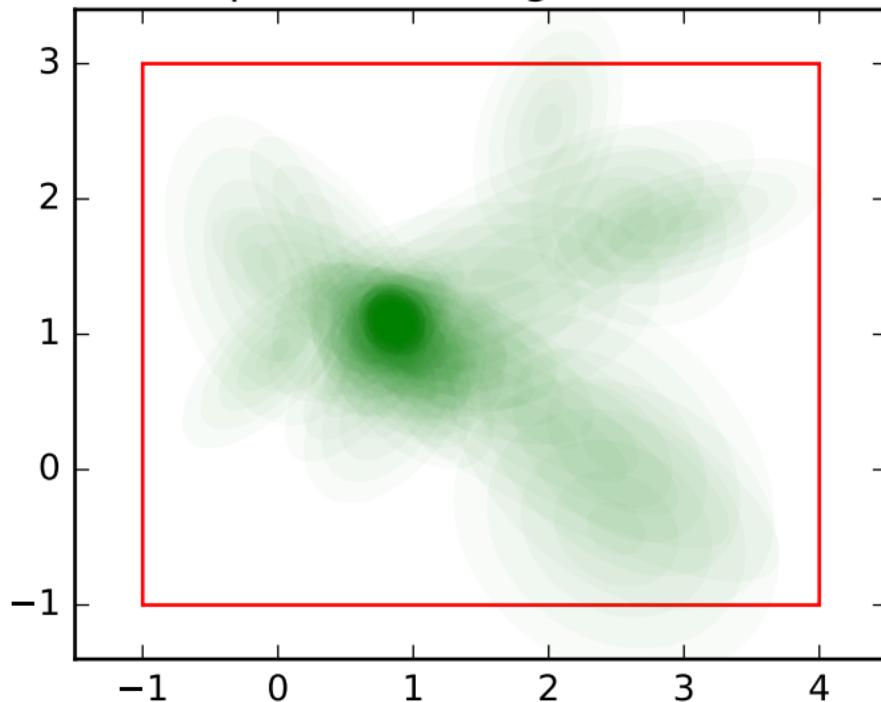
# test for min covar of gmm

GMM min covar: 0.0001 ,training\_model\_4, variable name: size  
sibling order: 4



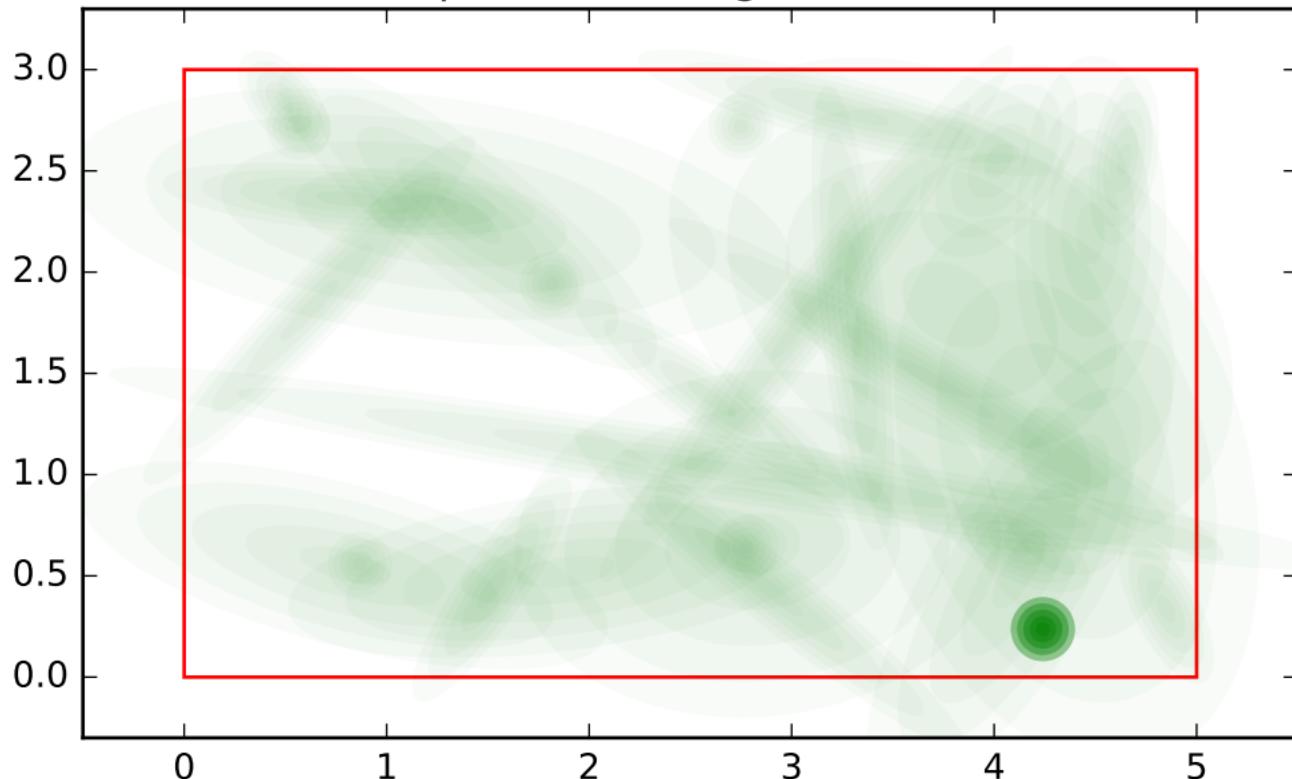
# test for min covar of gmm

GMM min covar: 0.0001 ,training\_model\_4, variable name:  
position sibling order: 4



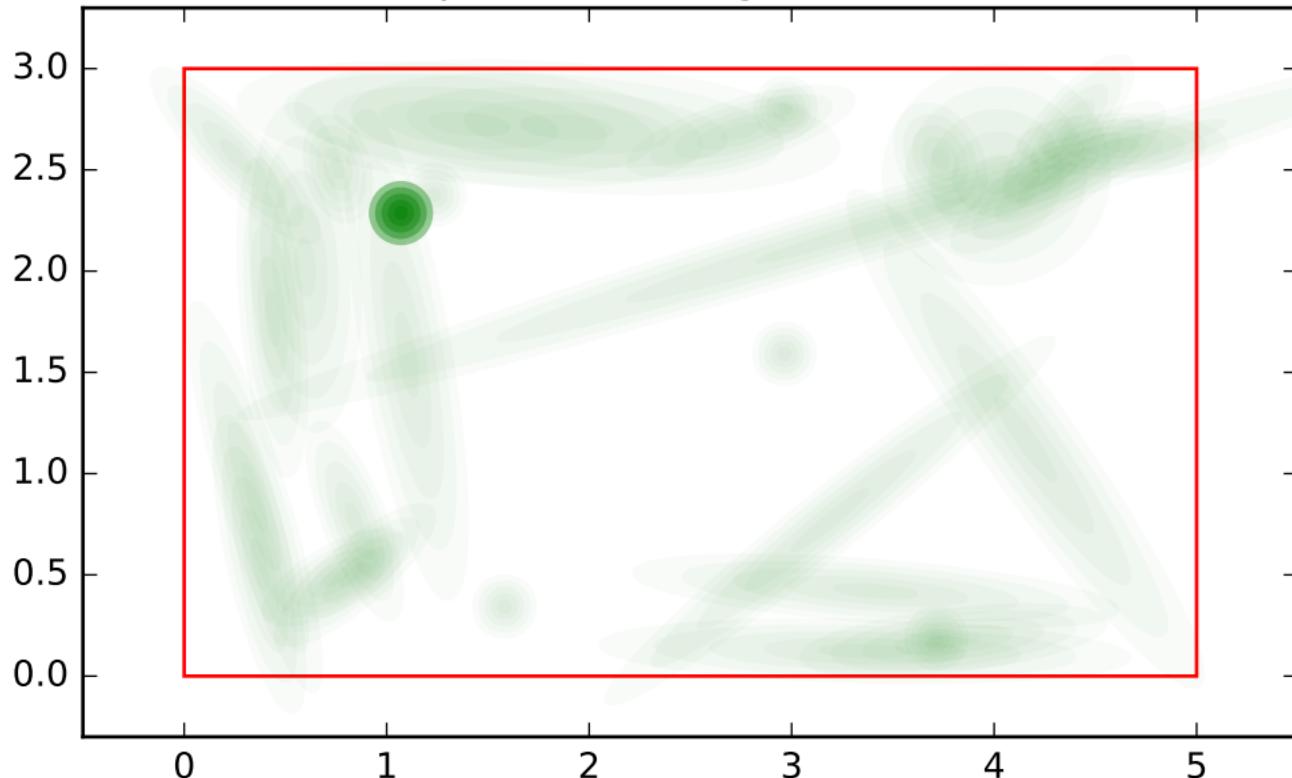
test for min covar of gmm

GMM min covar: 1e-05 ,training\_model\_0, variable name:  
position sibling order: 0



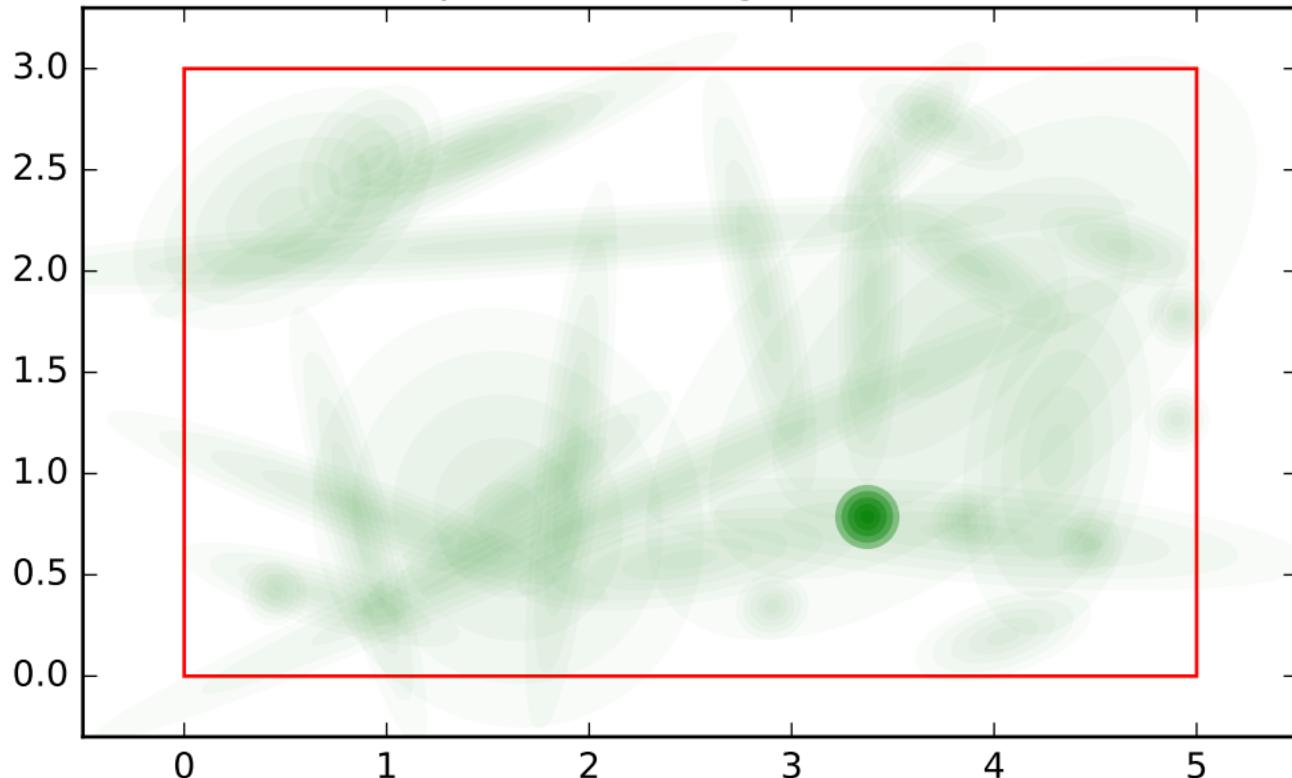
test for min covar of gmm

GMM min covar: 1e-05 ,training\_model\_0, variable name:  
position sibling order: 1



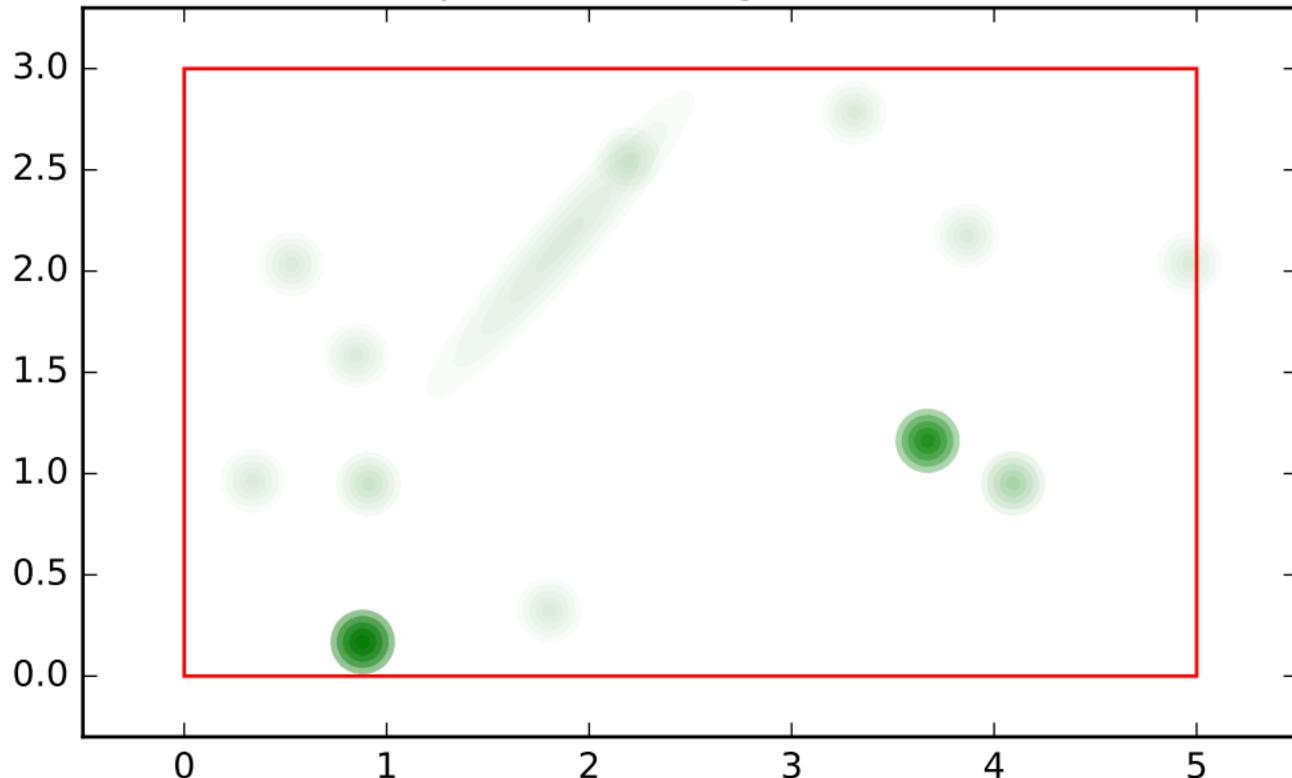
test for min covar of gmm

GMM min covar: 1e-05 ,training\_model\_0, variable name:  
position sibling order: 2



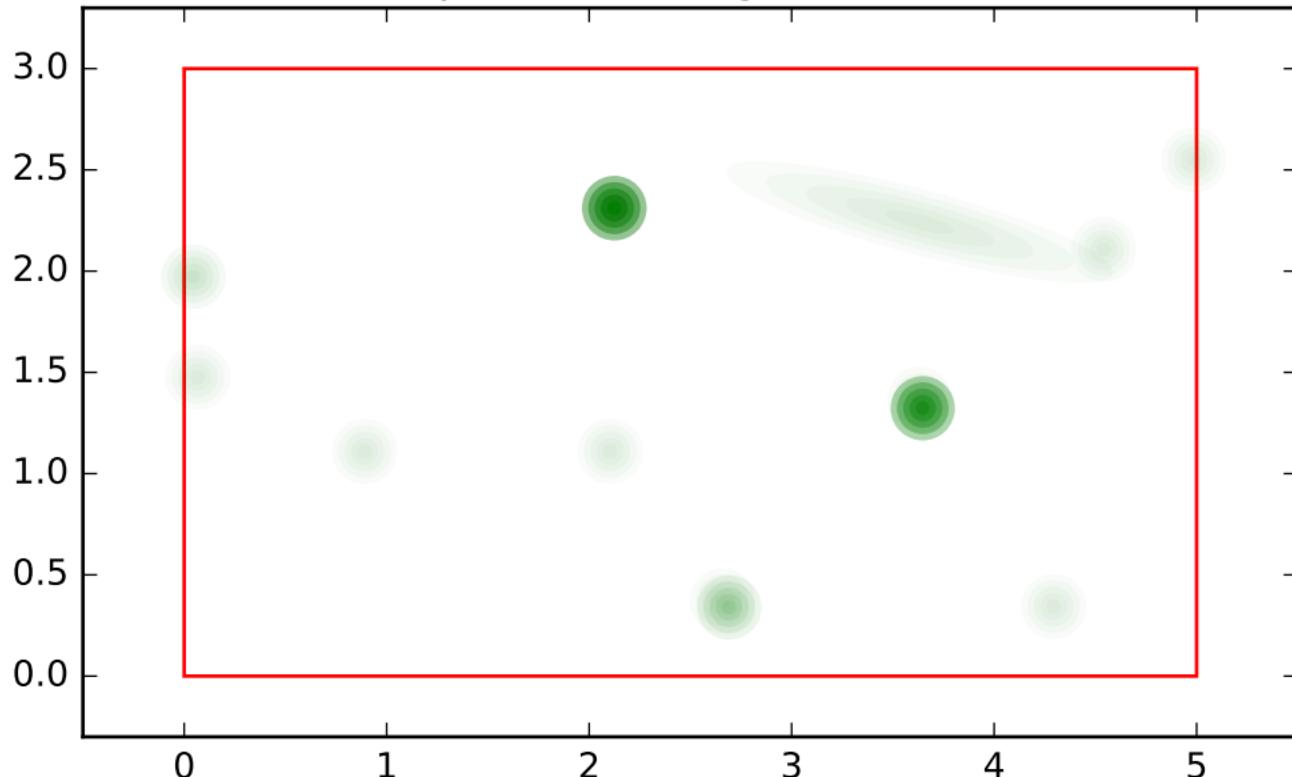
test for min covar of gmm

GMM min covar: 1e-05 ,training\_model\_0, variable name:  
position sibling order: 3



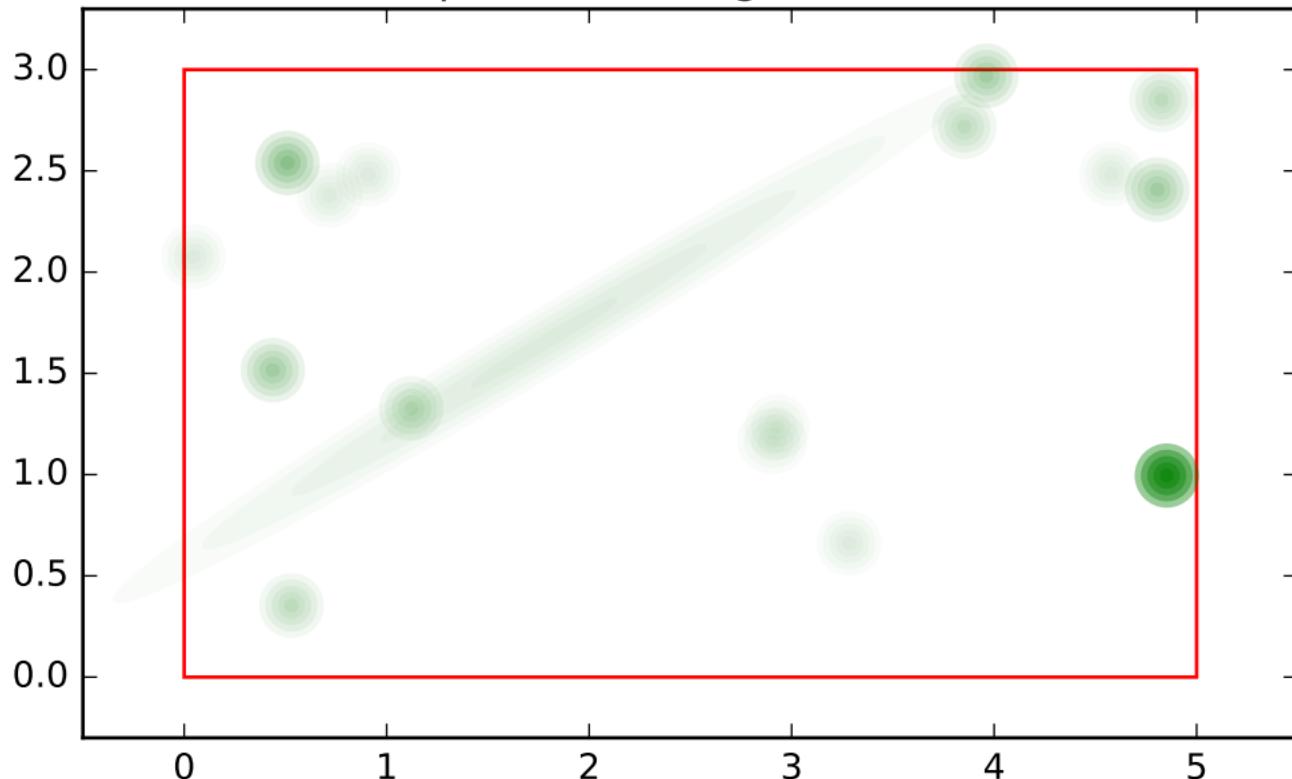
test for min covar of gmm

GMM min covar: 1e-05 ,training\_model\_0, variable name:  
position sibling order: 4



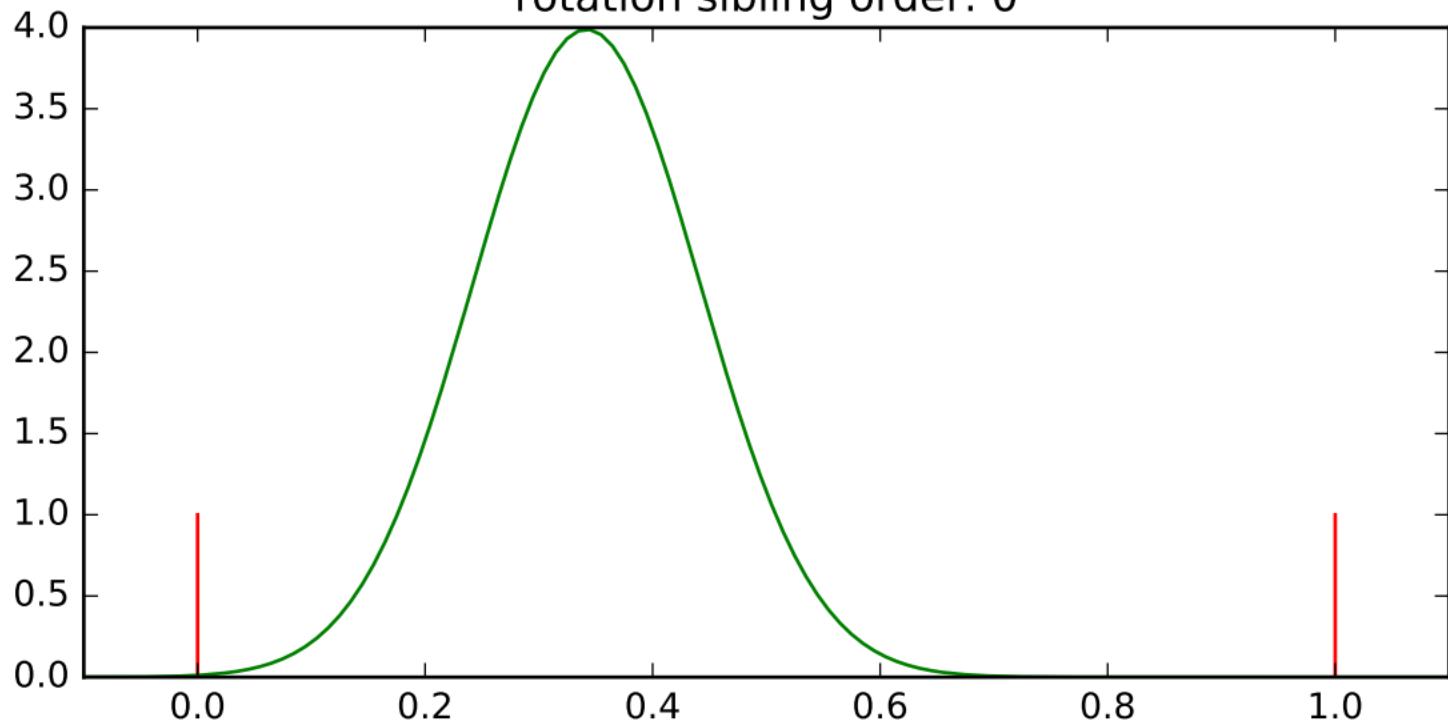
# test for min covar of gmm

GMM min covar: 1e-05 ,training\_model\_1, variable name:  
position sibling order: 0



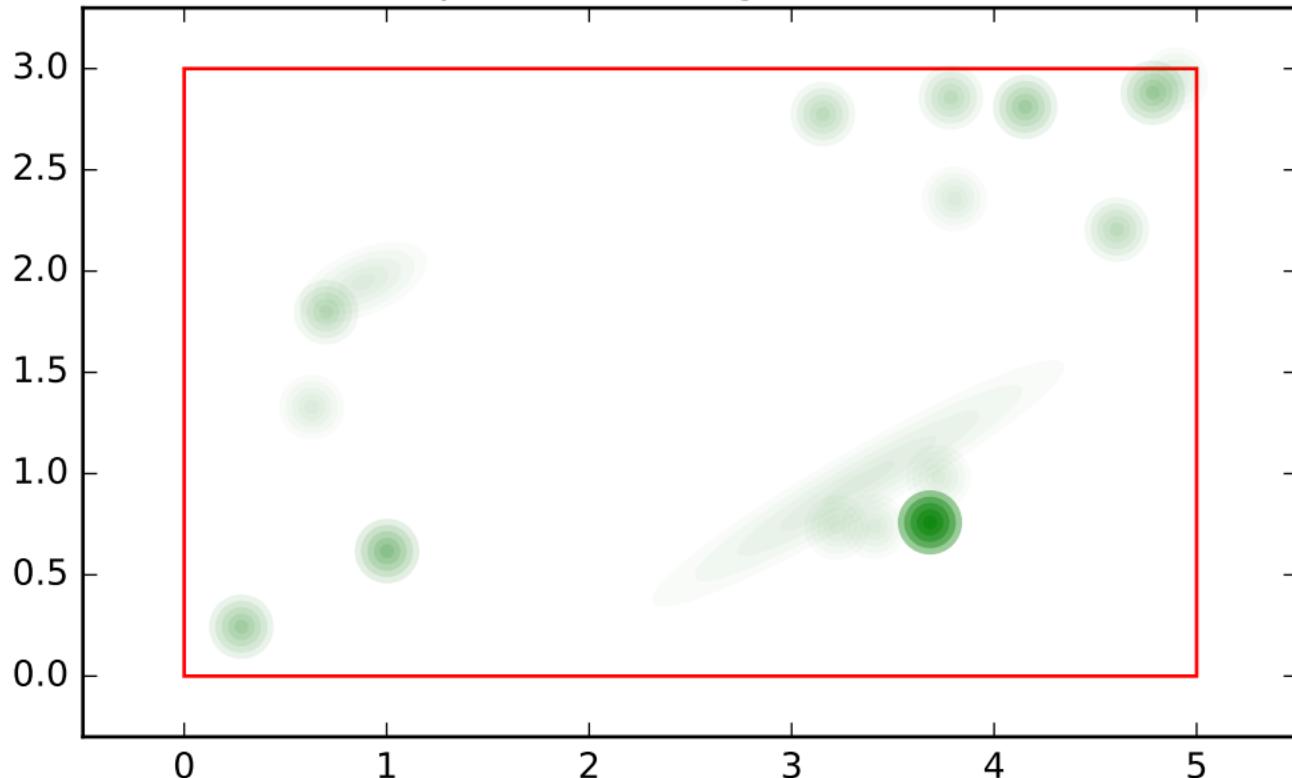
# test for min covar of gmm

GMM min covar: 1e-05 ,training\_model\_1, variable name:  
rotation sibling order: 0



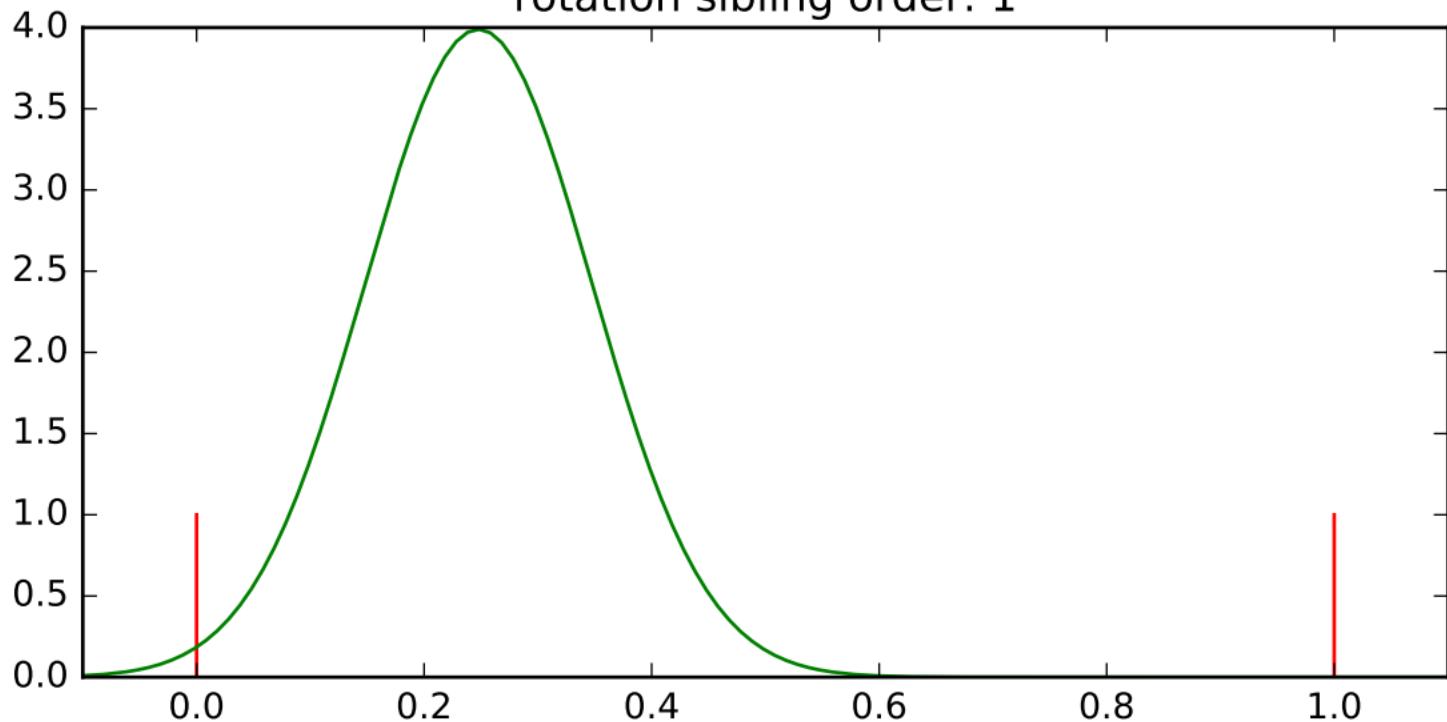
test for min covar of gmm

GMM min covar: 1e-05 ,training\_model\_1, variable name:  
position sibling order: 1



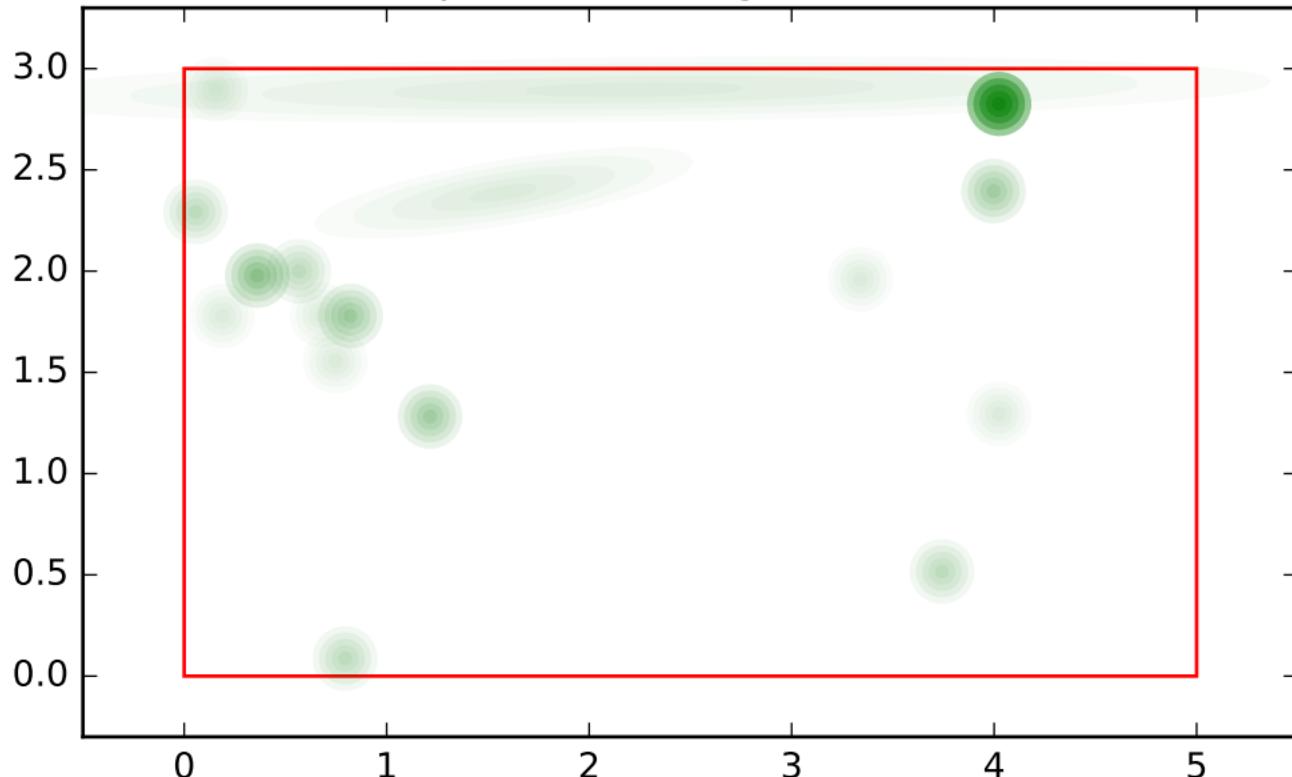
# test for min covar of gmm

GMM min covar: 1e-05 ,training\_model\_1, variable name:  
rotation sibling order: 1



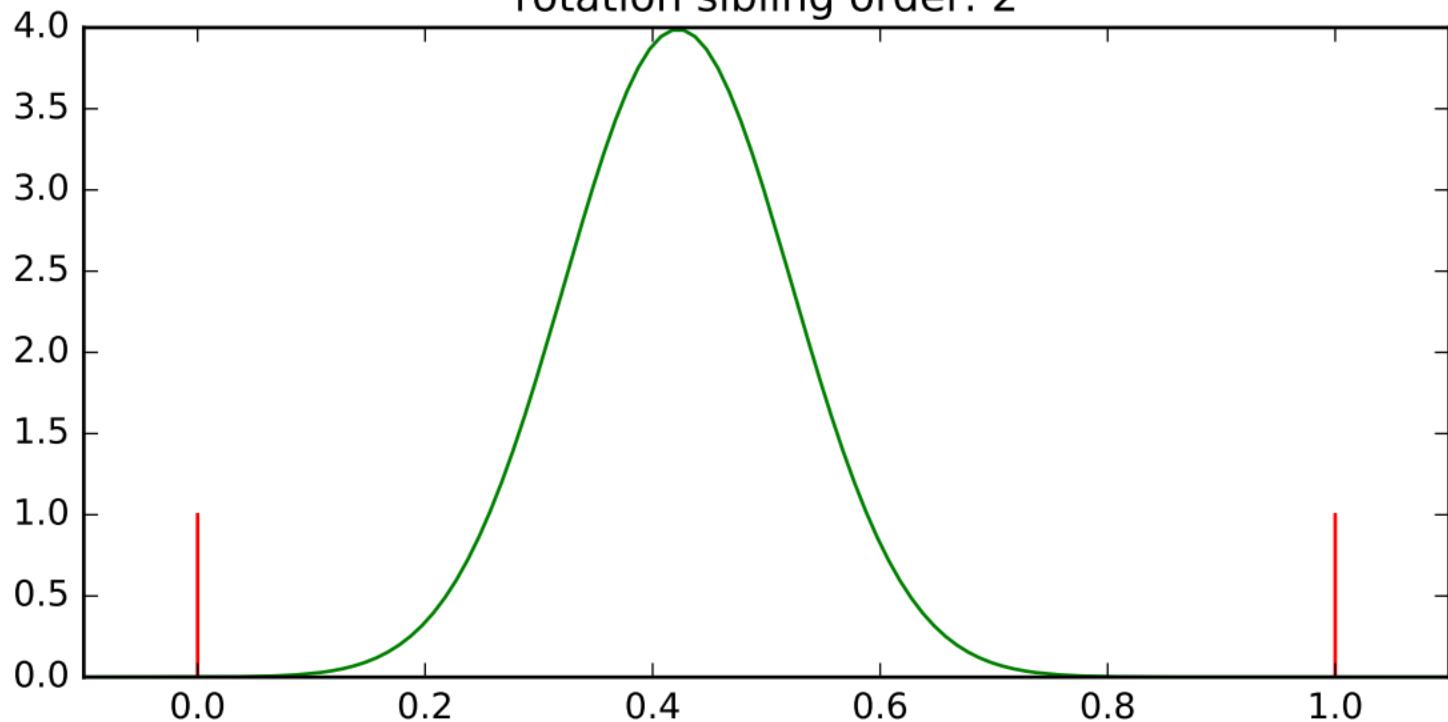
test for min covar of gmm

GMM min covar: 1e-05 ,training\_model\_1, variable name:  
position sibling order: 2



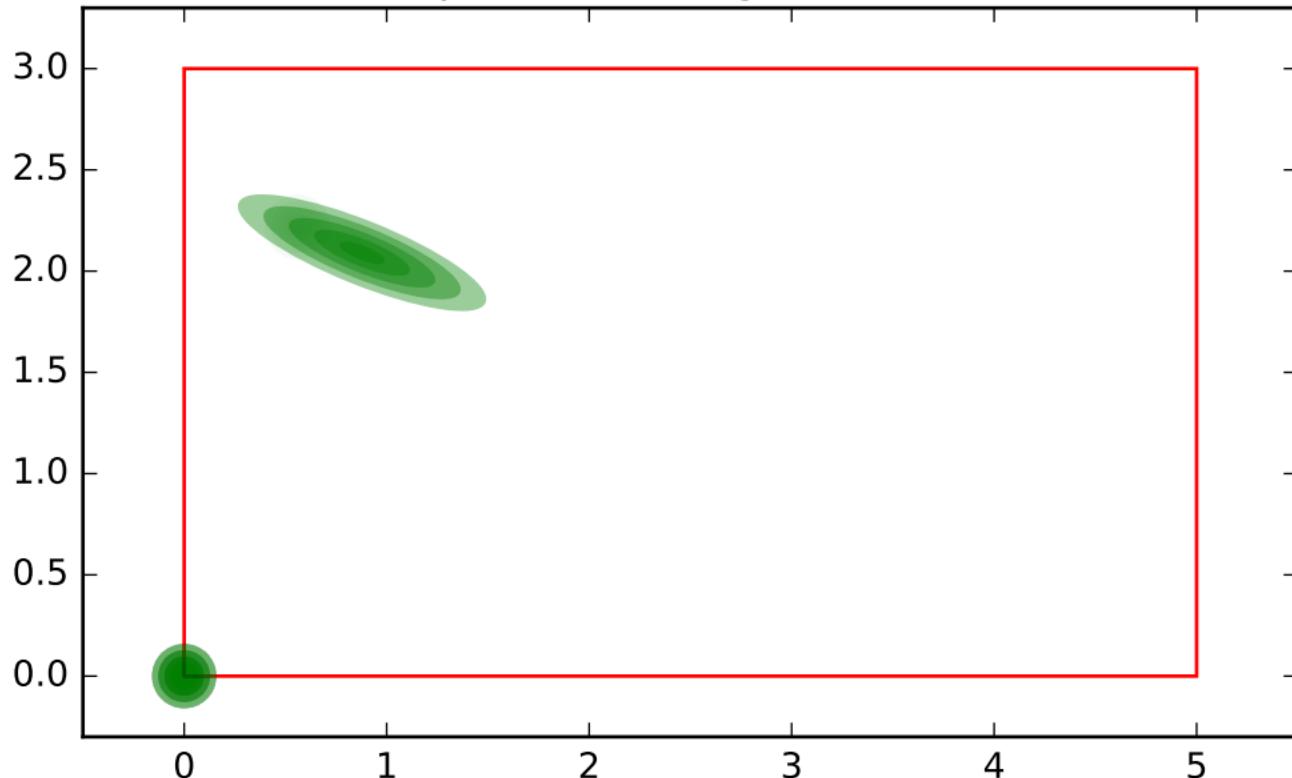
# test for min covar of gmm

GMM min covar: 1e-05 ,training\_model\_1, variable name:  
rotation sibling order: 2



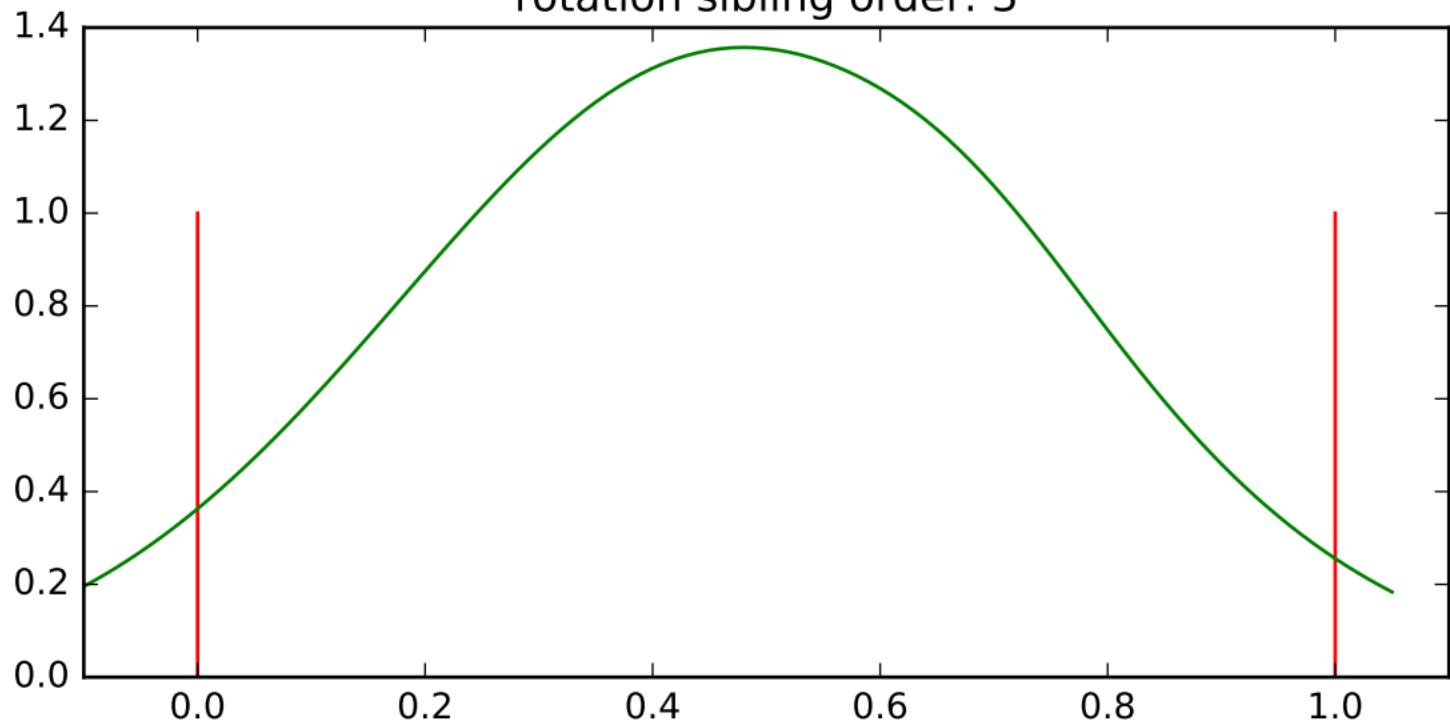
test for min covar of gmm

GMM min covar: 1e-05 ,training\_model\_1, variable name:  
position sibling order: 3



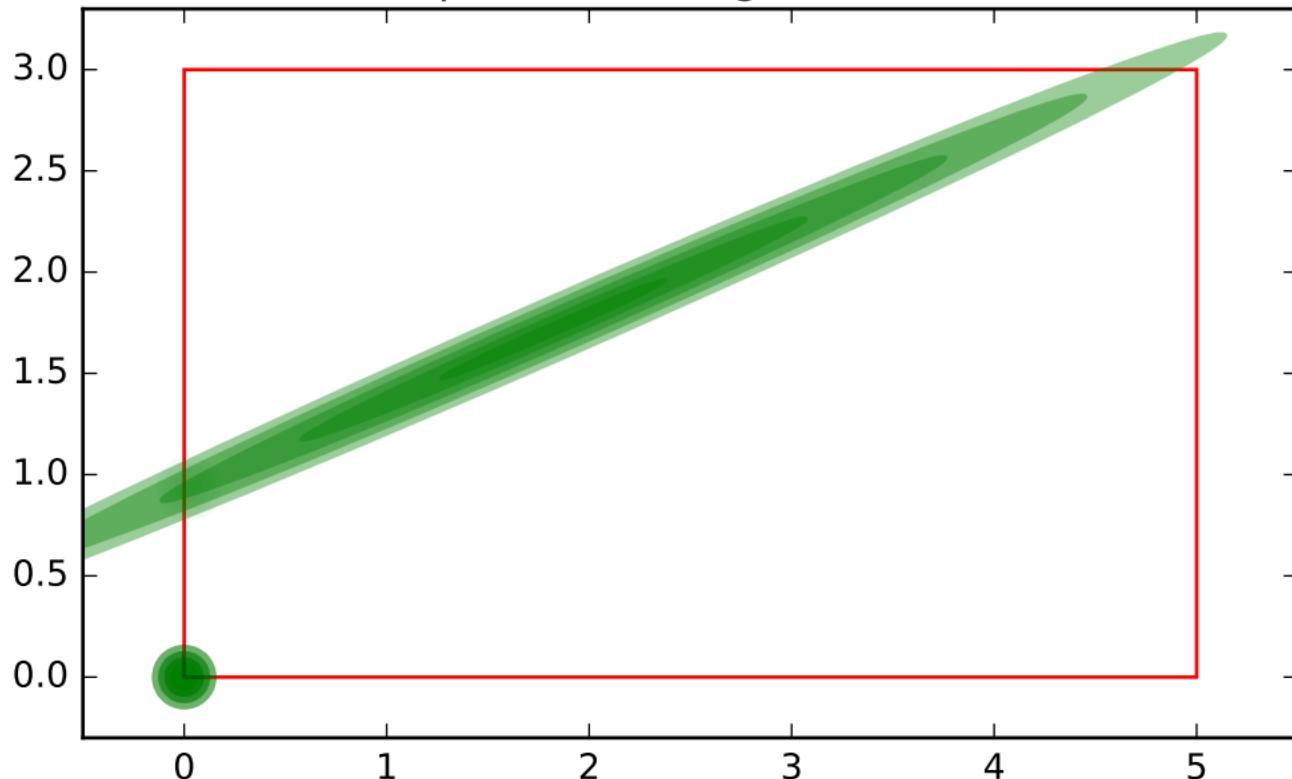
# test for min covar of gmm

GMM min covar: 1e-05 ,training\_model\_1, variable name:  
rotation sibling order: 3



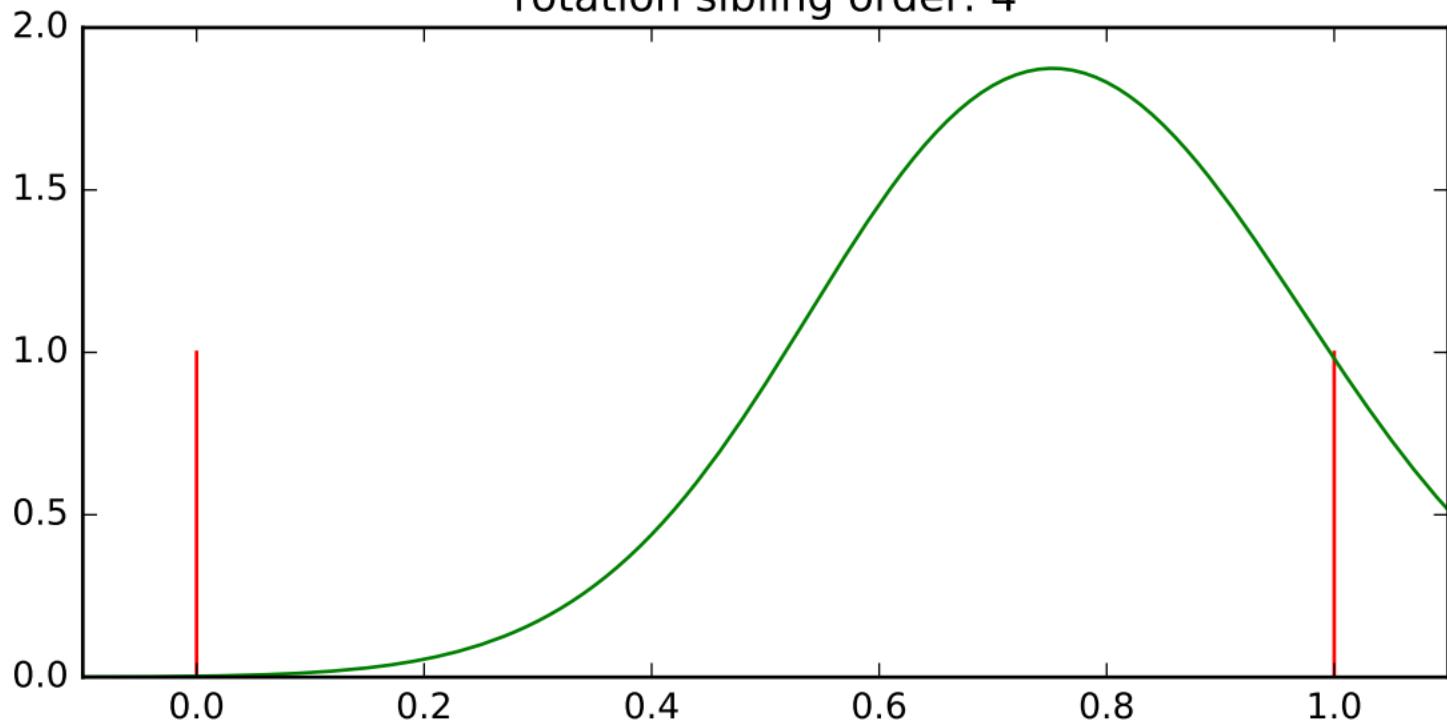
test for min covar of gmm

GMM min covar: 1e-05 ,training\_model\_1, variable name:  
position sibling order: 4



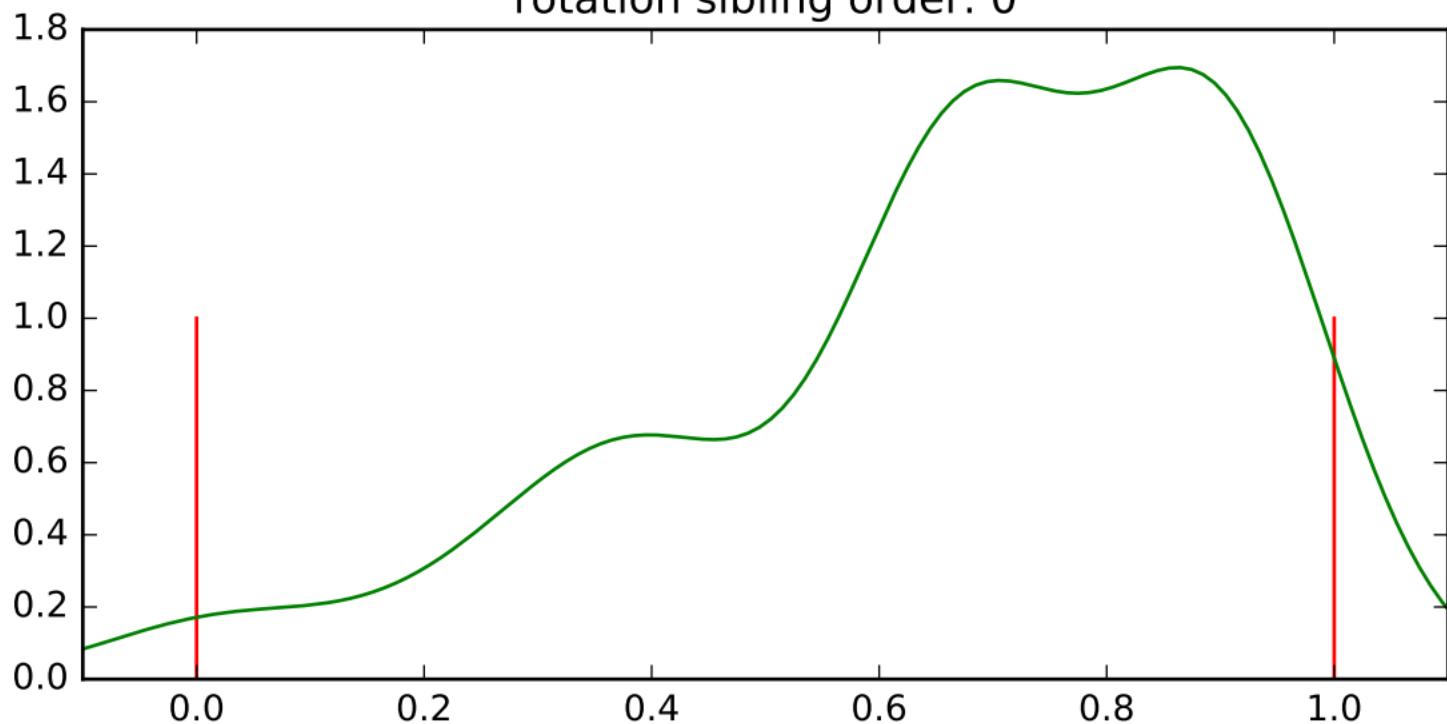
# test for min covar of gmm

GMM min covar: 1e-05 ,training\_model\_1, variable name:  
rotation sibling order: 4



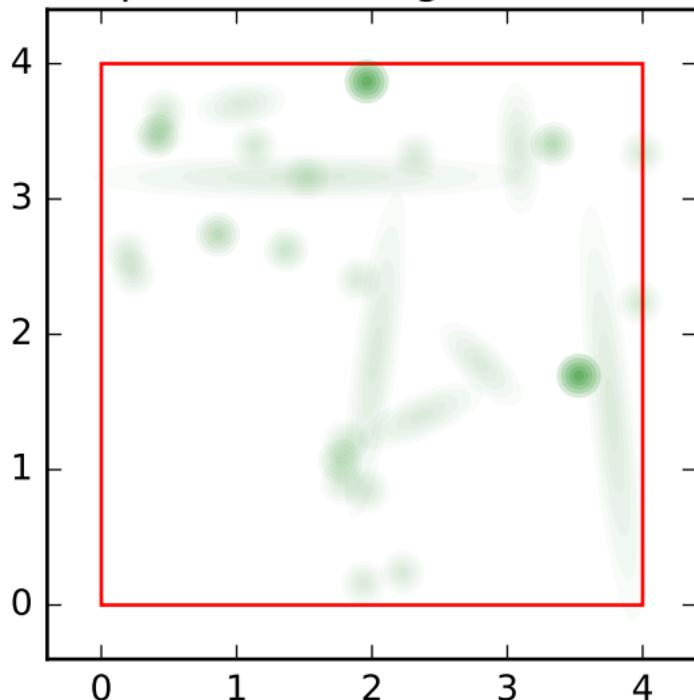
# test for min covar of gmm

GMM min covar: 1e-05 ,training\_model\_2, variable name:  
rotation sibling order: 0



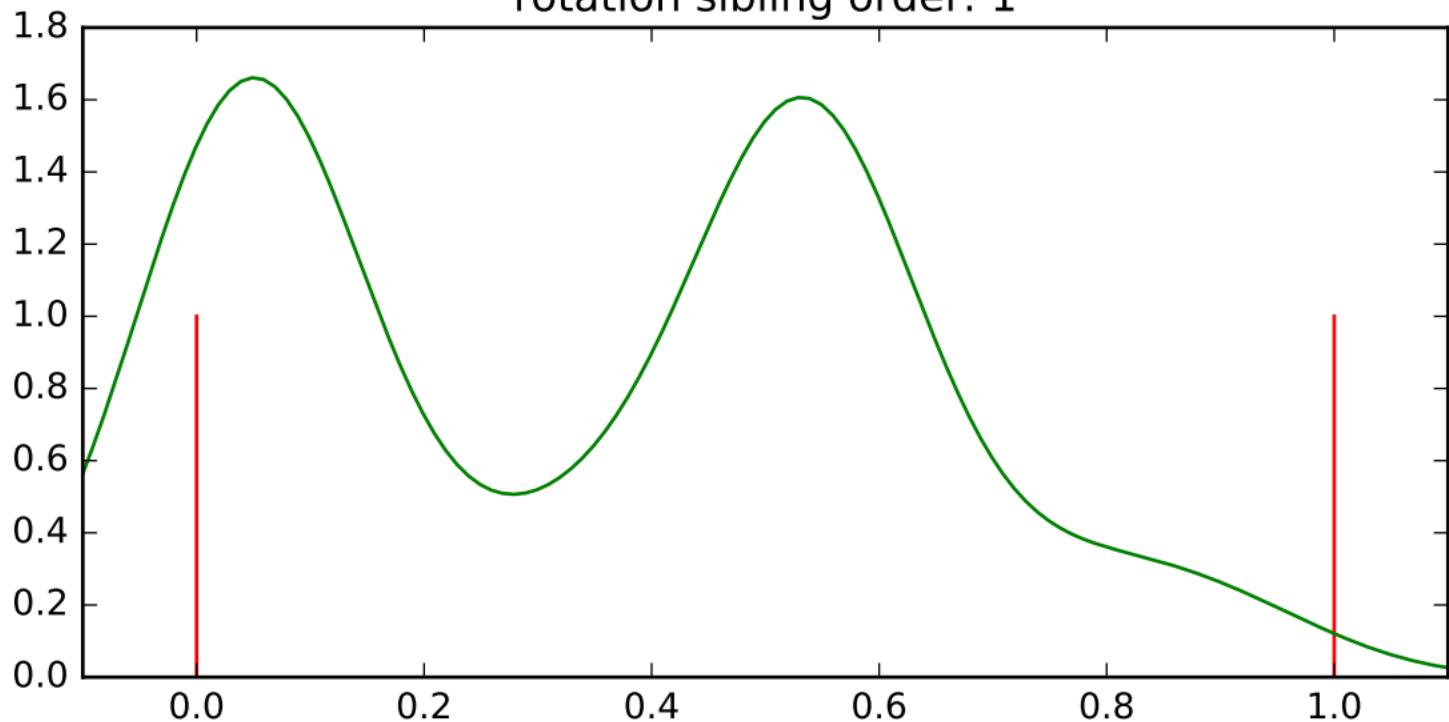
# test for min covar of gmm

GMM min covar:  $1e-05$ , training\_model\_2, variable name:  
position sibling order: 0



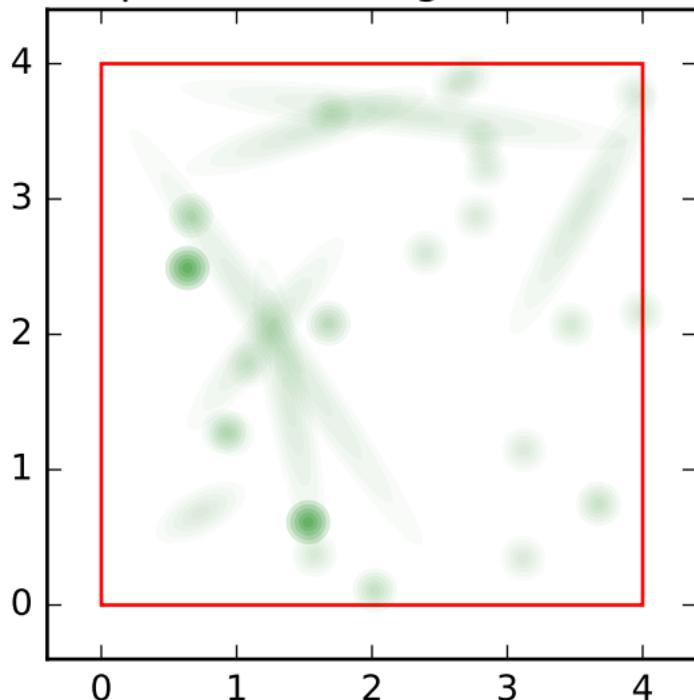
# test for min covar of gmm

GMM min covar: 1e-05 ,training\_model\_2, variable name:  
rotation sibling order: 1



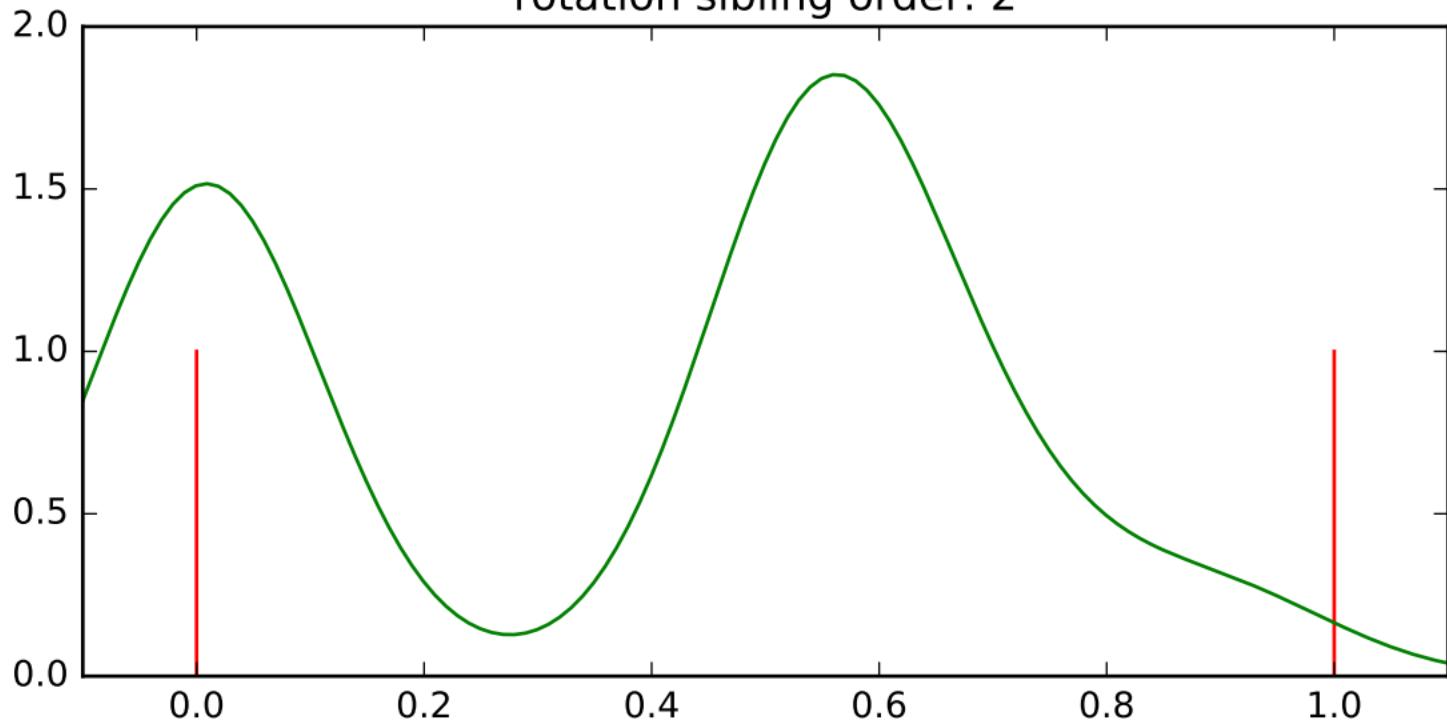
# test for min covar of gmm

GMM min covar: 1e-05 ,training\_model\_2, variable name:  
position sibling order: 1



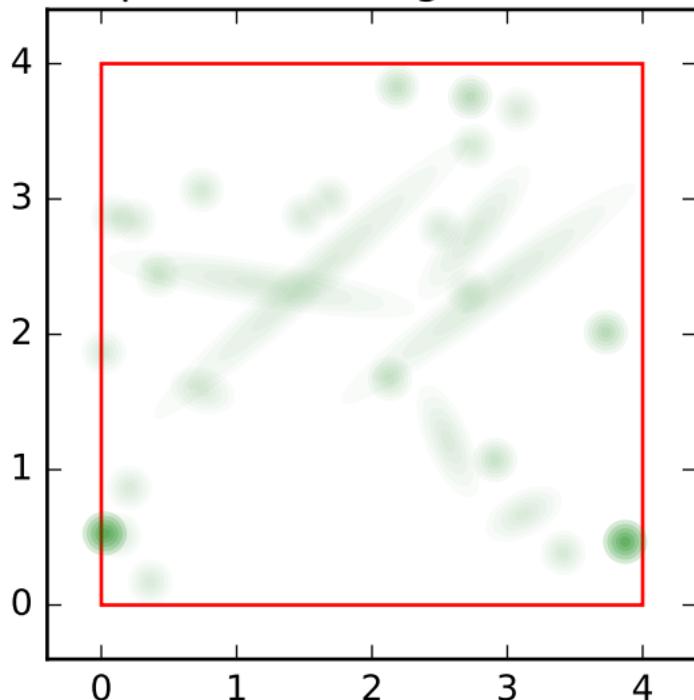
# test for min covar of gmm

GMM min covar: 1e-05 ,training\_model\_2, variable name:  
rotation sibling order: 2



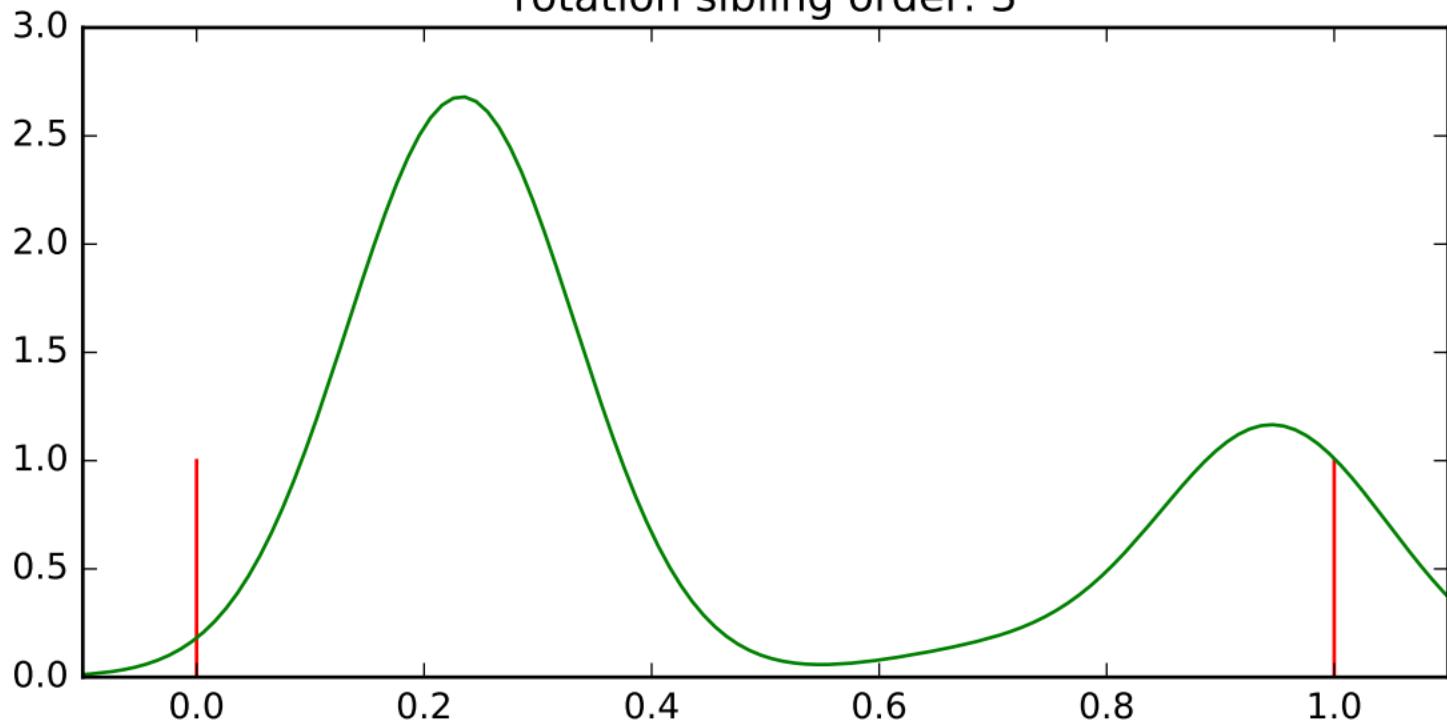
# test for min covar of gmm

GMM min covar: 1e-05 ,training\_model\_2, variable name:  
position sibling order: 2



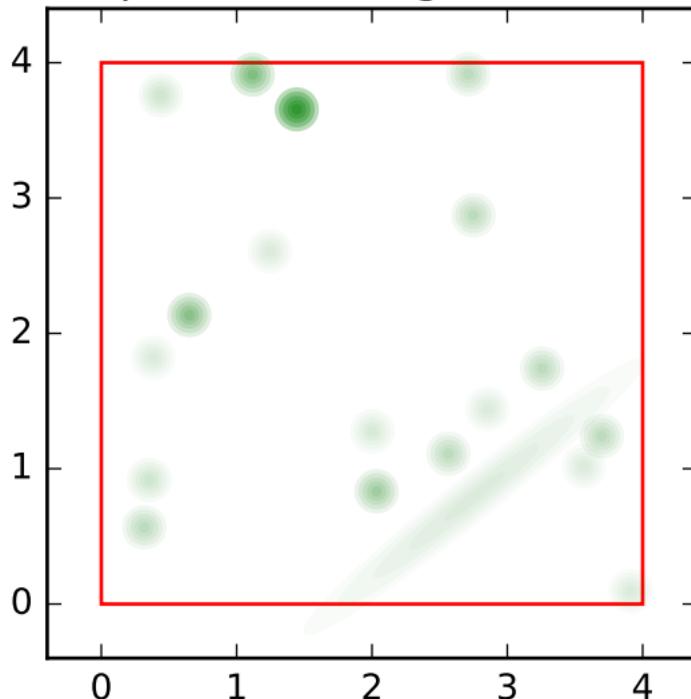
# test for min covar of gmm

GMM min covar: 1e-05 ,training\_model\_2, variable name:  
rotation sibling order: 3



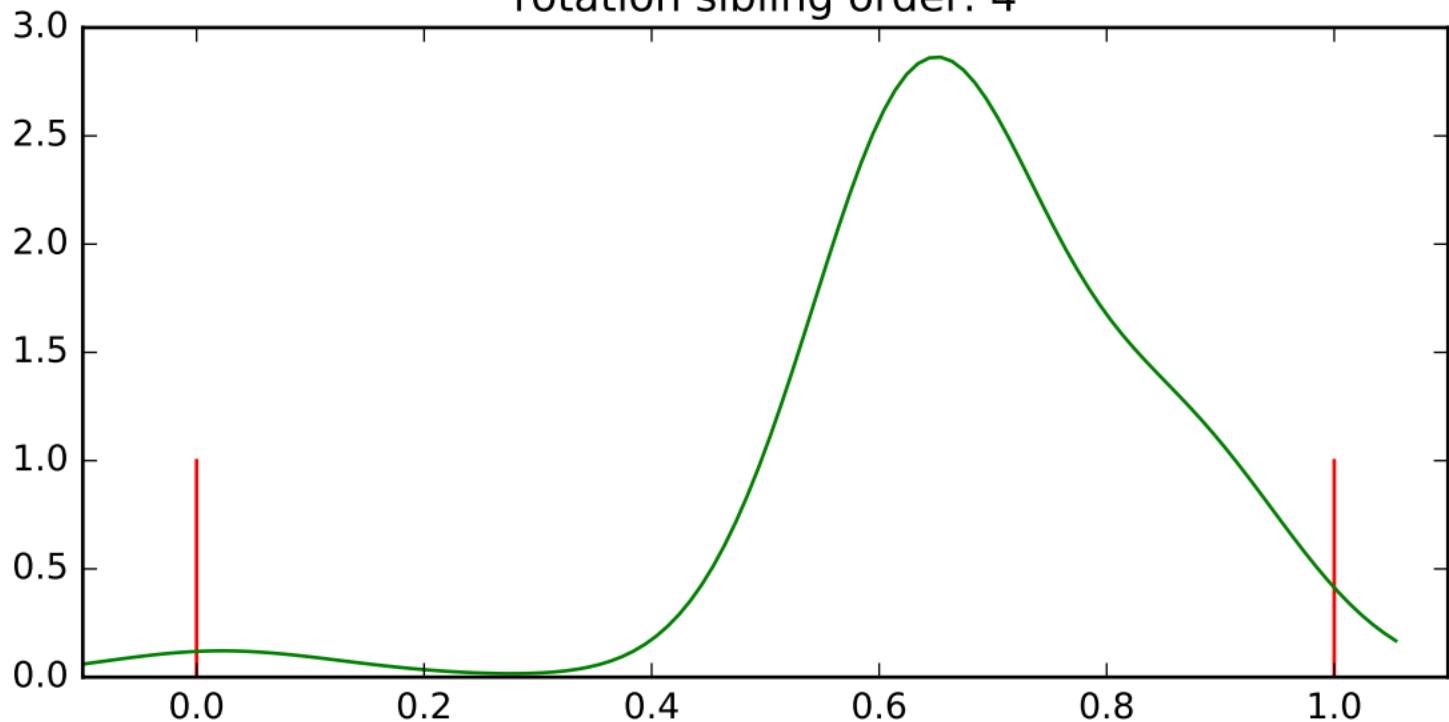
# test for min covar of gmm

GMM min covar: 1e-05 ,training\_model\_2, variable name:  
position sibling order: 3



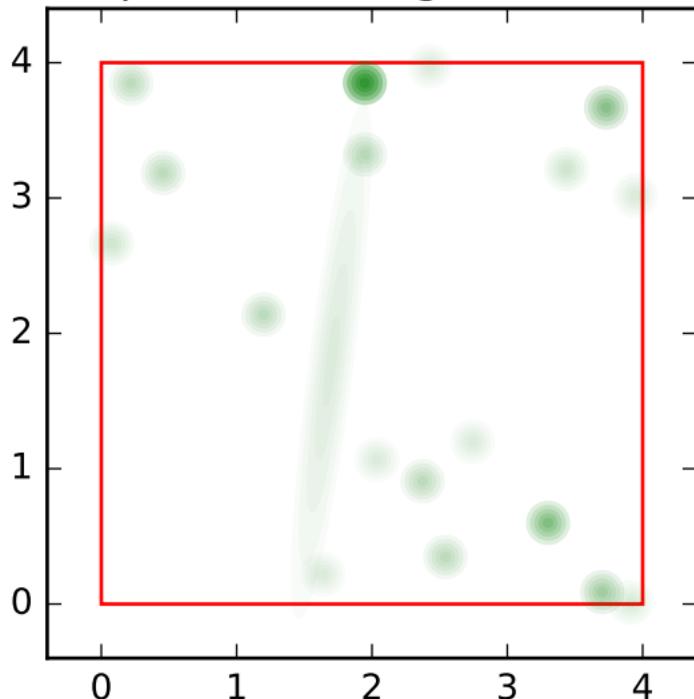
# test for min covar of gmm

GMM min covar: 1e-05 ,training\_model\_2, variable name:  
rotation sibling order: 4



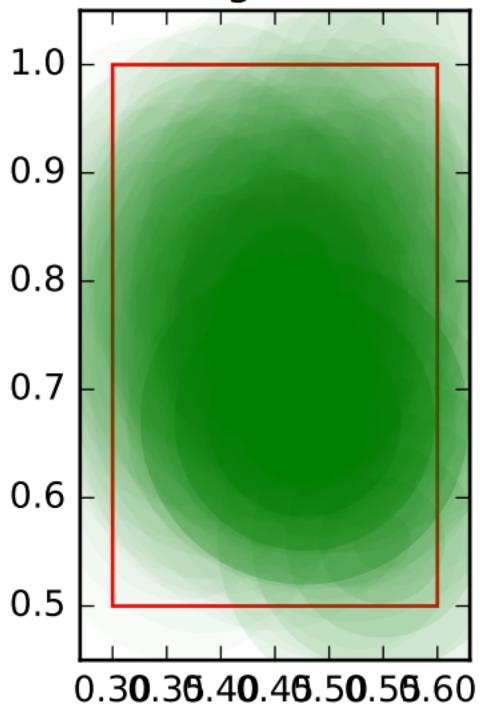
# test for min covar of gmm

GMM min covar: 1e-05 ,training\_model\_2, variable name:  
position sibling order: 4



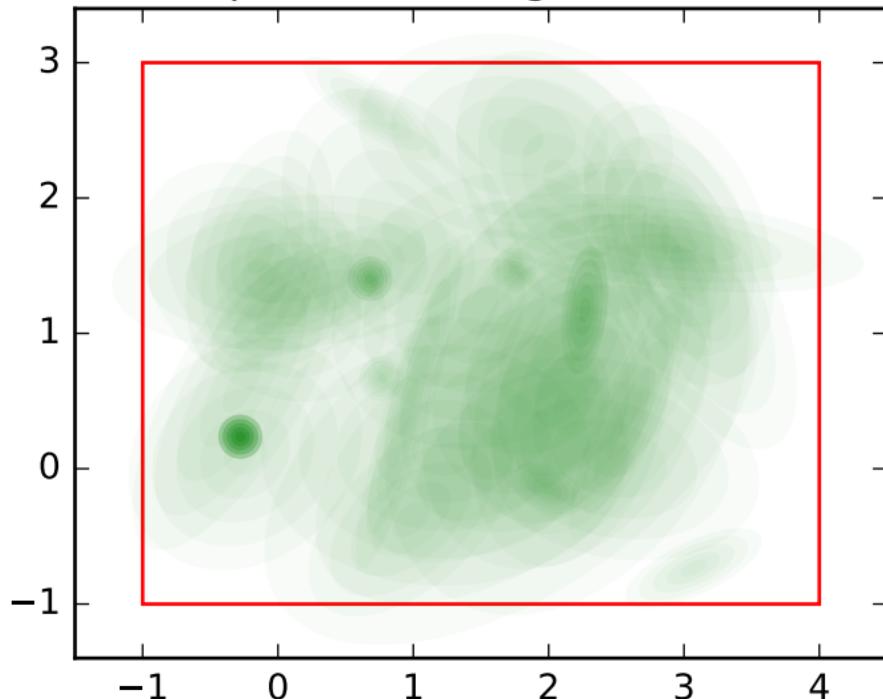
# test for min covar of gmm

GMM min covar: 1e-05 ,training\_model\_3, variable name: size  
sibling order: 0



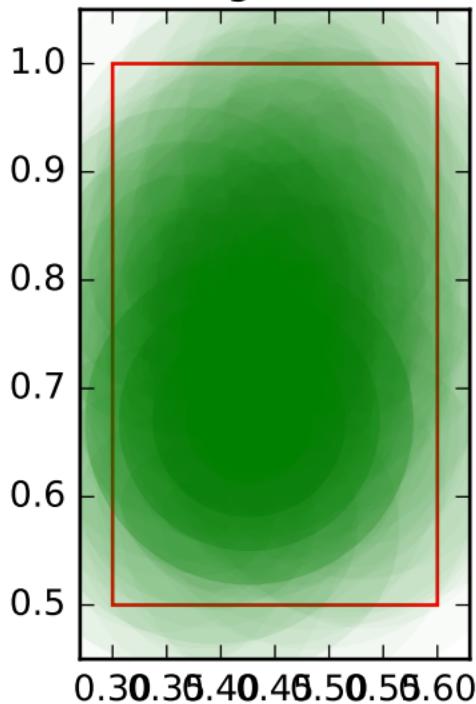
# test for min covar of gmm

GMM min covar: 1e-05 ,training\_model\_3, variable name:  
position sibling order: 0



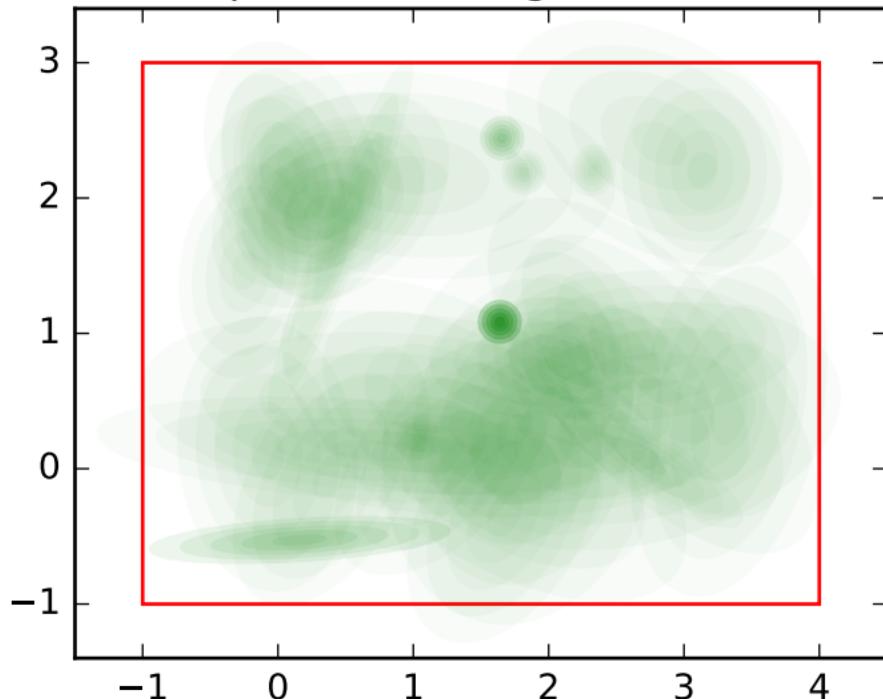
# test for min covar of gmm

GMM min covar: 1e-05 ,training\_model\_3, variable name: size  
sibling order: 1



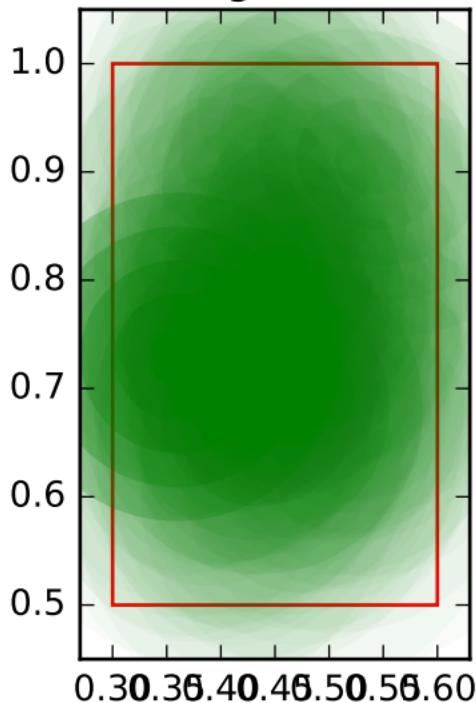
# test for min covar of gmm

GMM min covar:  $1e-05$ , training\_model\_3, variable name:  
position sibling order: 1



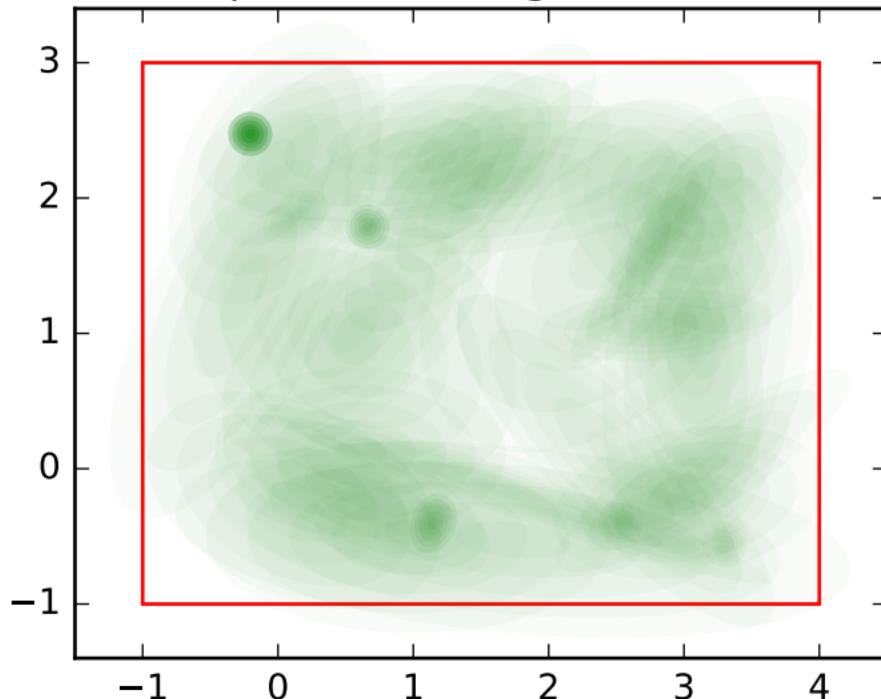
# test for min covar of gmm

GMM min covar: 1e-05 ,training\_model\_3, variable name: size  
sibling order: 2



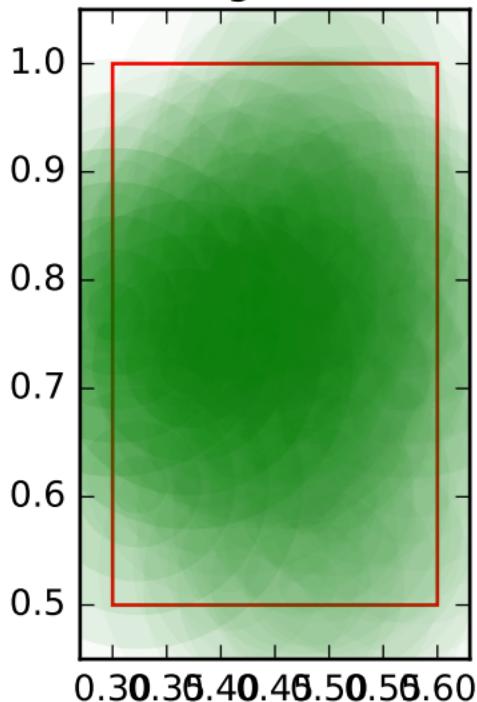
# test for min covar of gmm

GMM min covar: 1e-05 ,training\_model\_3, variable name:  
position sibling order: 2



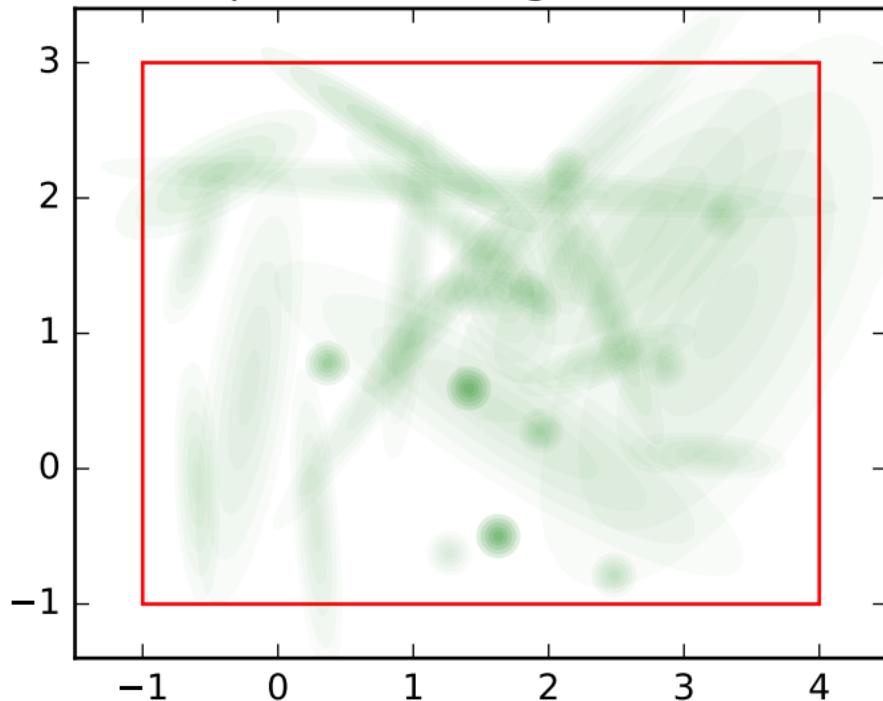
# test for min covar of gmm

GMM min covar: 1e-05 ,training\_model\_3, variable name: size  
sibling order: 3



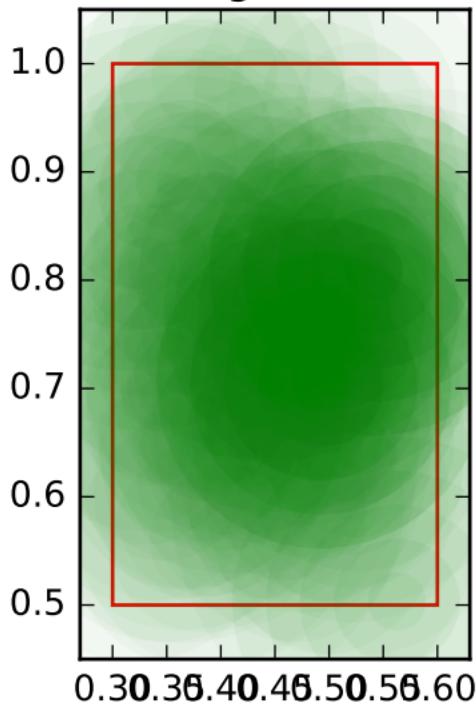
# test for min covar of gmm

GMM min covar: 1e-05 ,training\_model\_3, variable name:  
position sibling order: 3



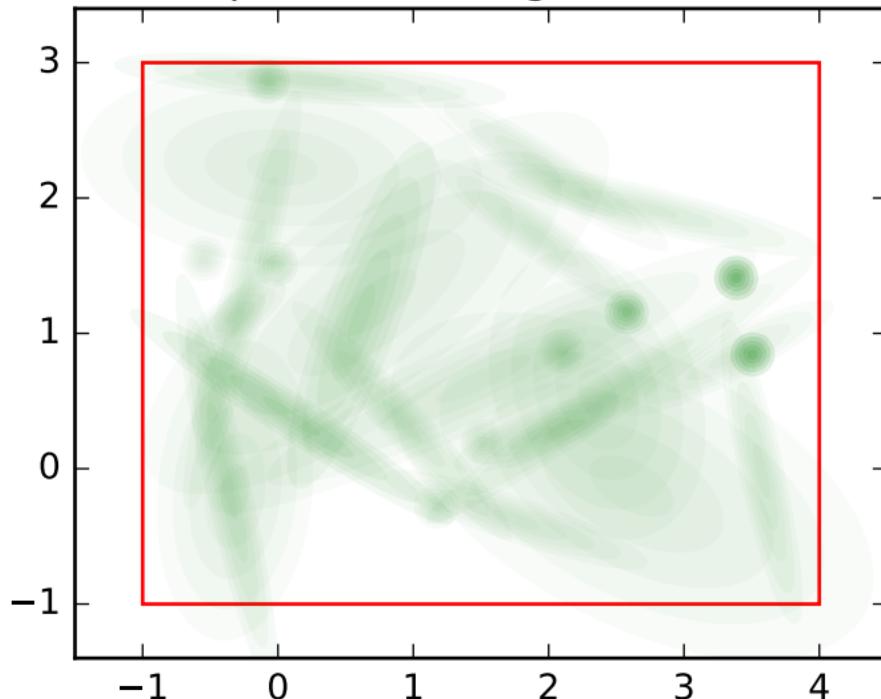
# test for min covar of gmm

GMM min covar: 1e-05 ,training\_model\_3, variable name: size  
sibling order: 4



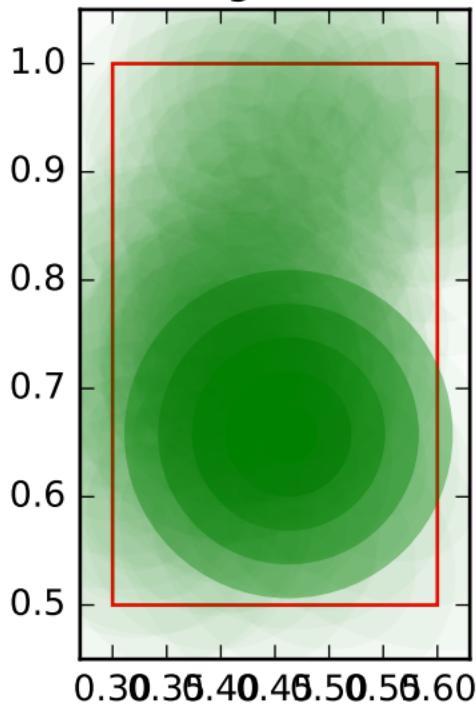
# test for min covar of gmm

GMM min covar: 1e-05 ,training\_model\_3, variable name:  
position sibling order: 4



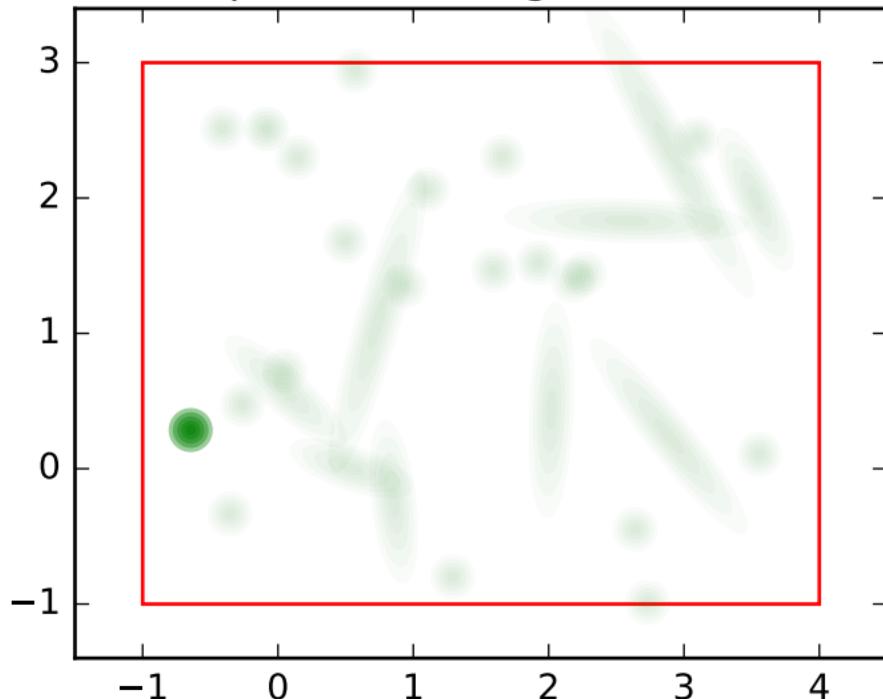
# test for min covar of gmm

GMM min covar: 1e-05 ,training\_model\_4, variable name: size  
sibling order: 0



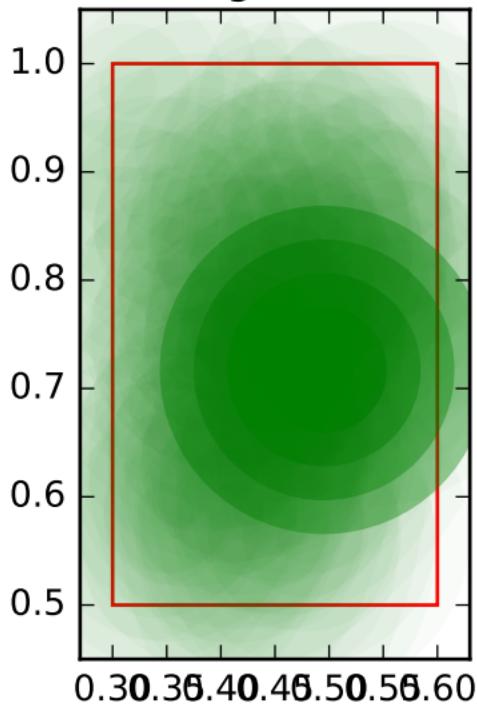
# test for min covar of gmm

GMM min covar: 1e-05 ,training\_model\_4, variable name:  
position sibling order: 0



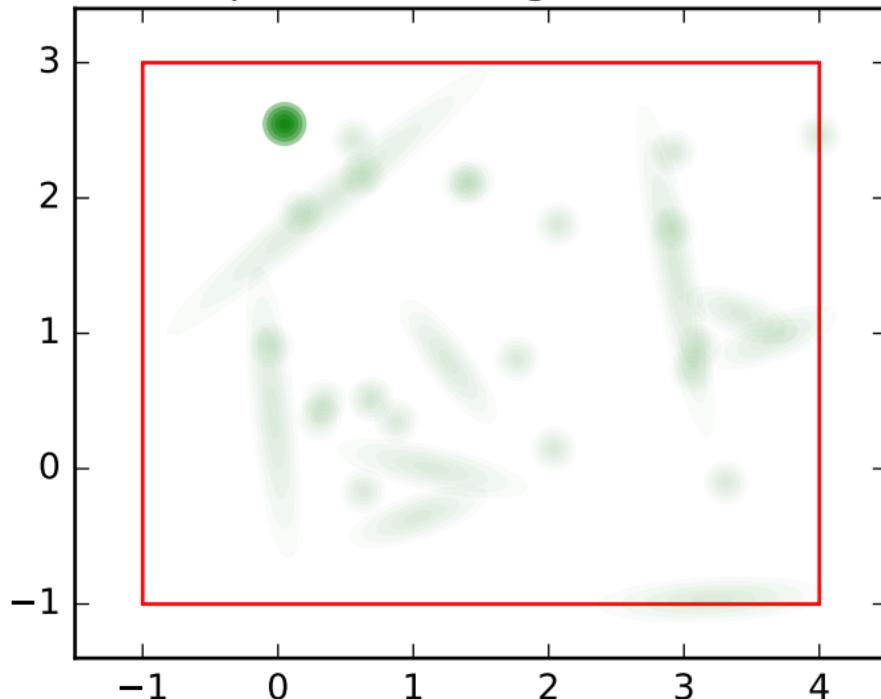
# test for min covar of gmm

GMM min covar: 1e-05 ,training\_model\_4, variable name: size  
sibling order: 1



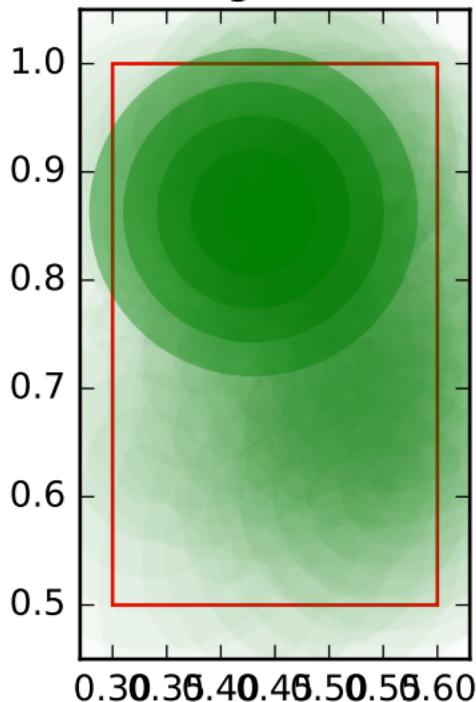
# test for min covar of gmm

GMM min covar: 1e-05 ,training\_model\_4, variable name:  
position sibling order: 1



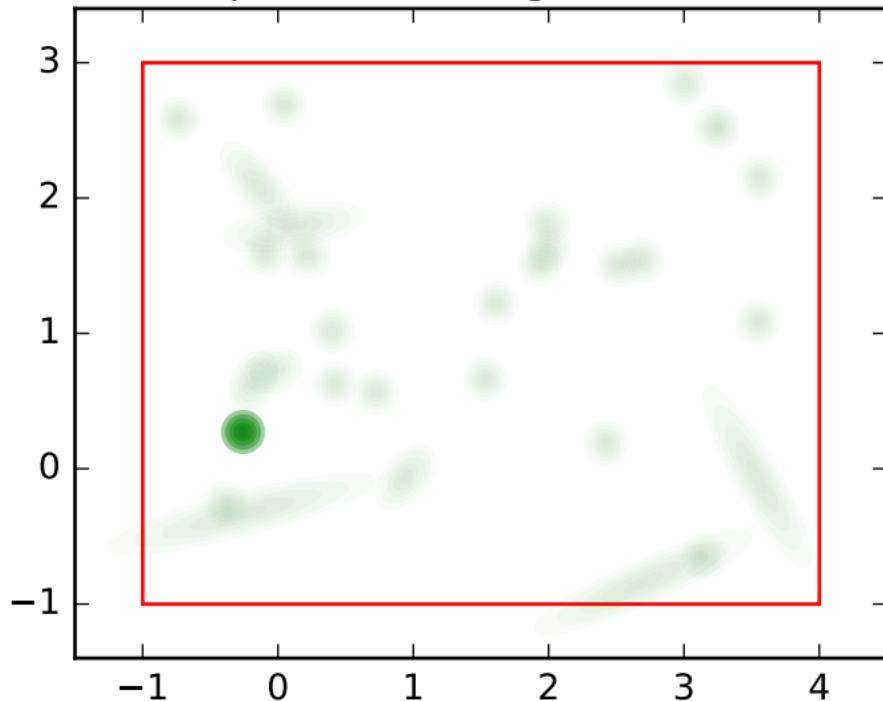
# test for min covar of gmm

GMM min covar: 1e-05 ,training\_model\_4, variable name: size  
sibling order: 2



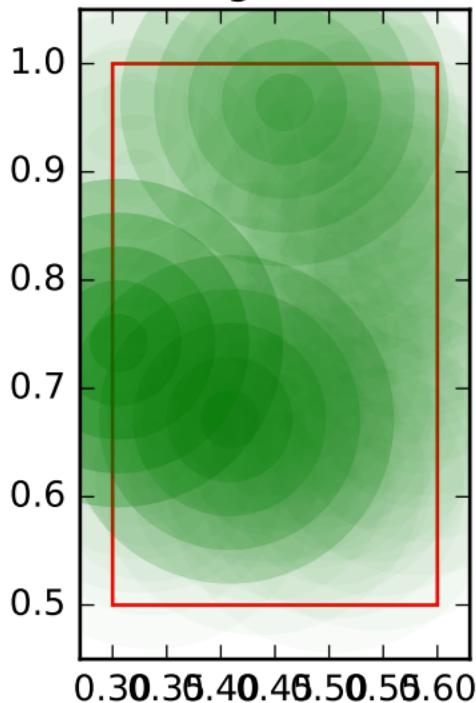
# test for min covar of gmm

GMM min covar: 1e-05 ,training\_model\_4, variable name:  
position sibling order: 2



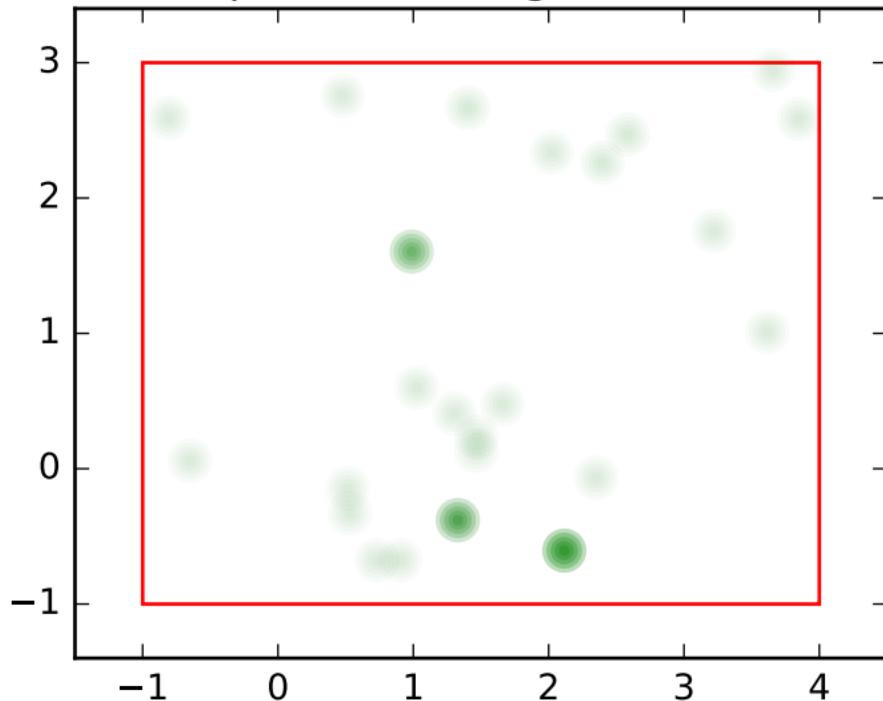
# test for min covar of gmm

GMM min covar: 1e-05 ,training\_model\_4, variable name: size  
sibling order: 3



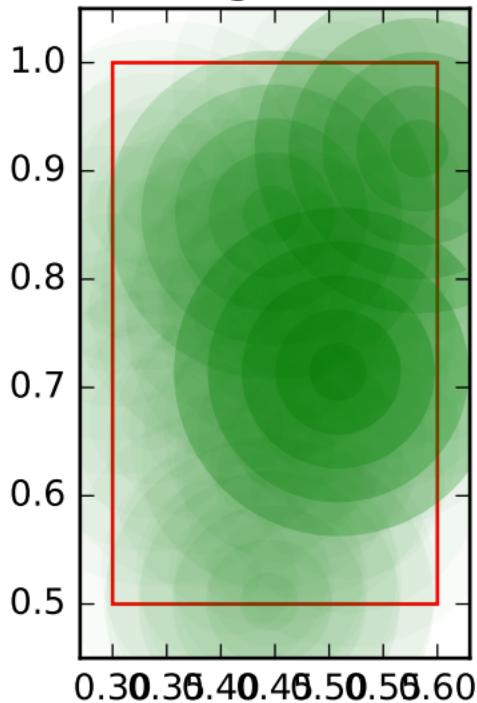
# test for min covar of gmm

GMM min covar: 1e-05 ,training\_model\_4, variable name:  
position sibling order: 3



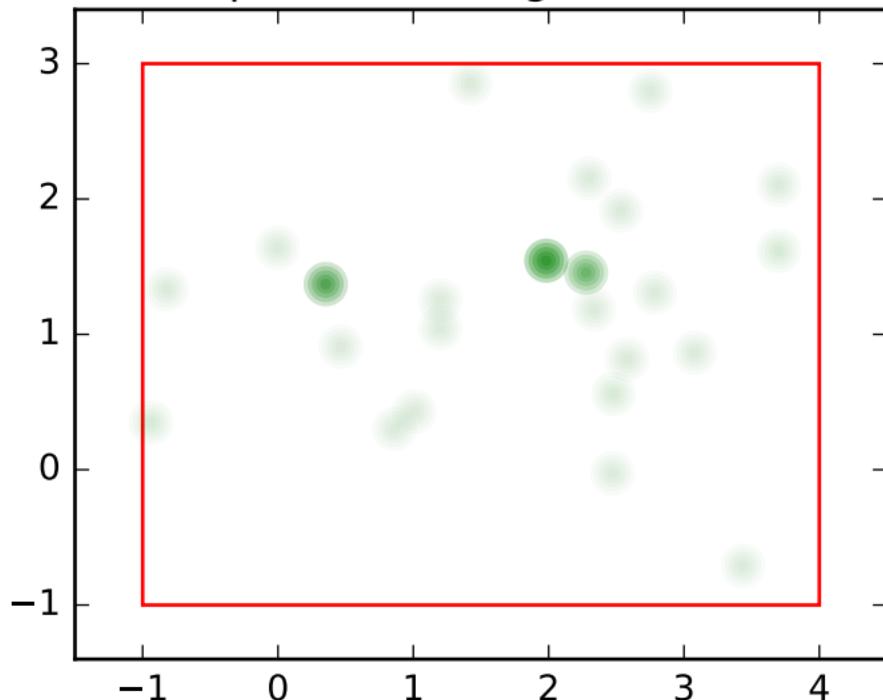
# test for min covar of gmm

GMM min covar: 1e-05 ,training\_model\_4, variable name: size  
sibling order: 4



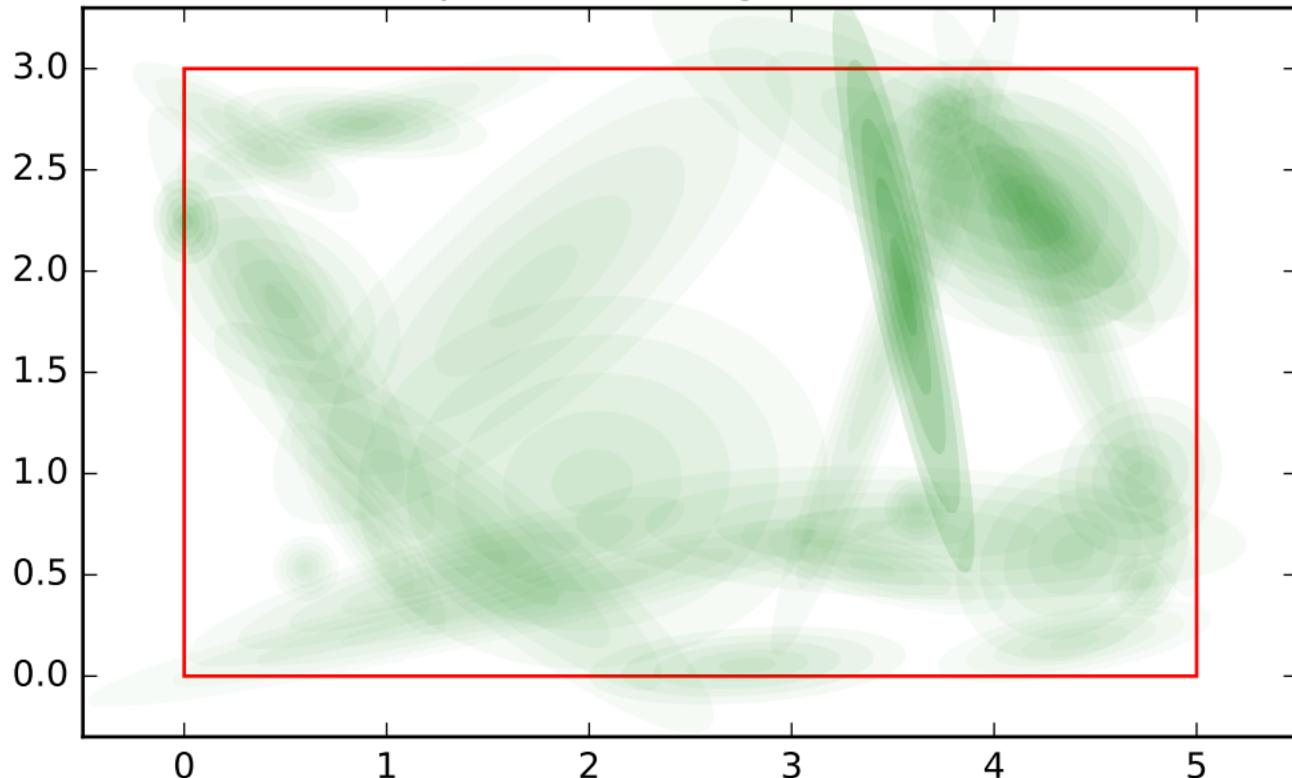
# test for min covar of gmm

GMM min covar: 1e-05 ,training\_model\_4, variable name:  
position sibling order: 4



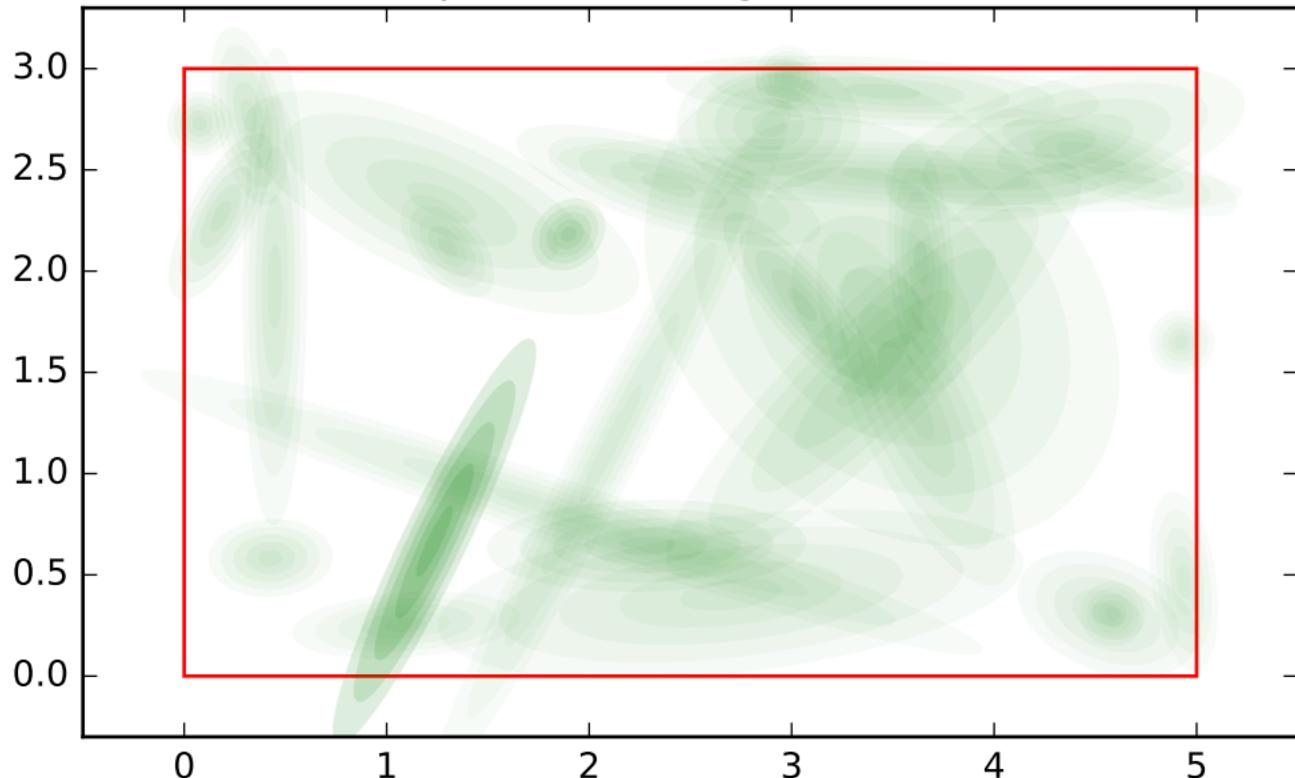
test for min covar of gmm

GMM min covar: 1e-06 ,training\_model\_0, variable name:  
position sibling order: 0



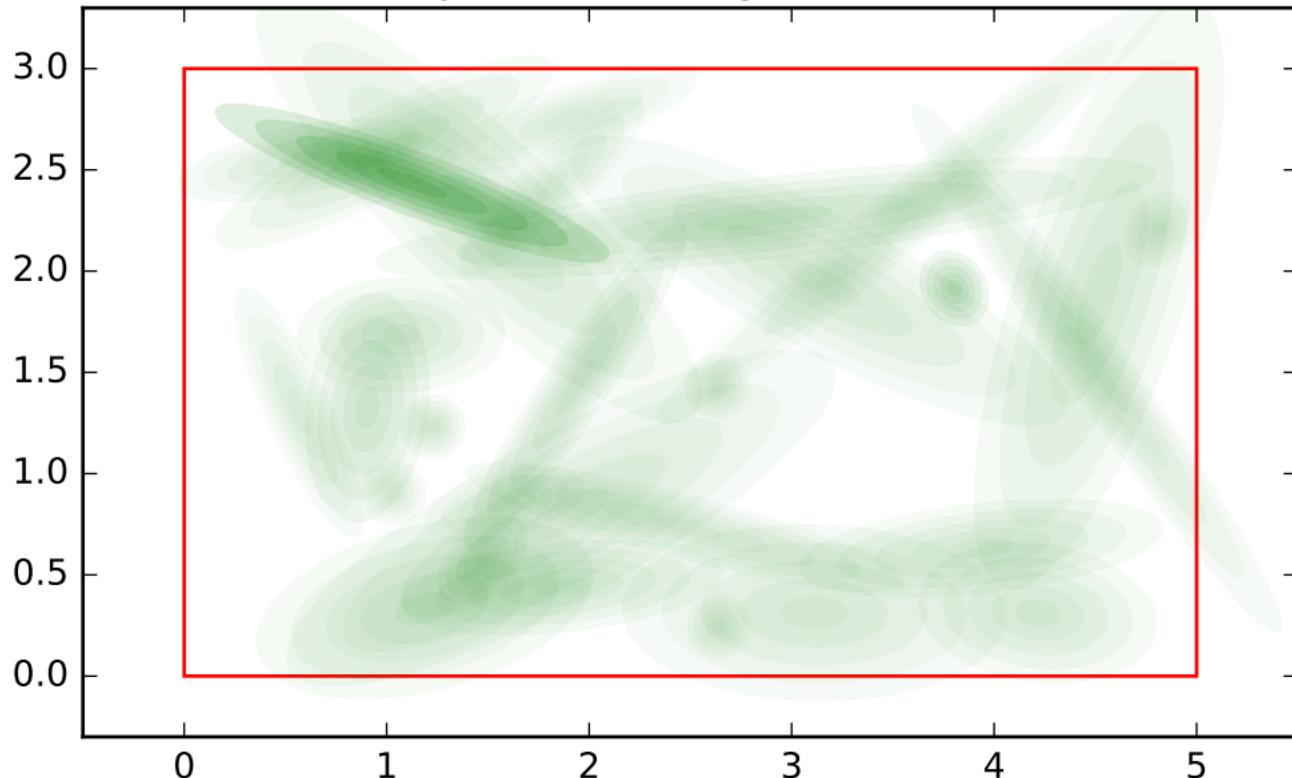
test for min covar of gmm

GMM min covar: 1e-06 ,training\_model\_0, variable name:  
position sibling order: 1



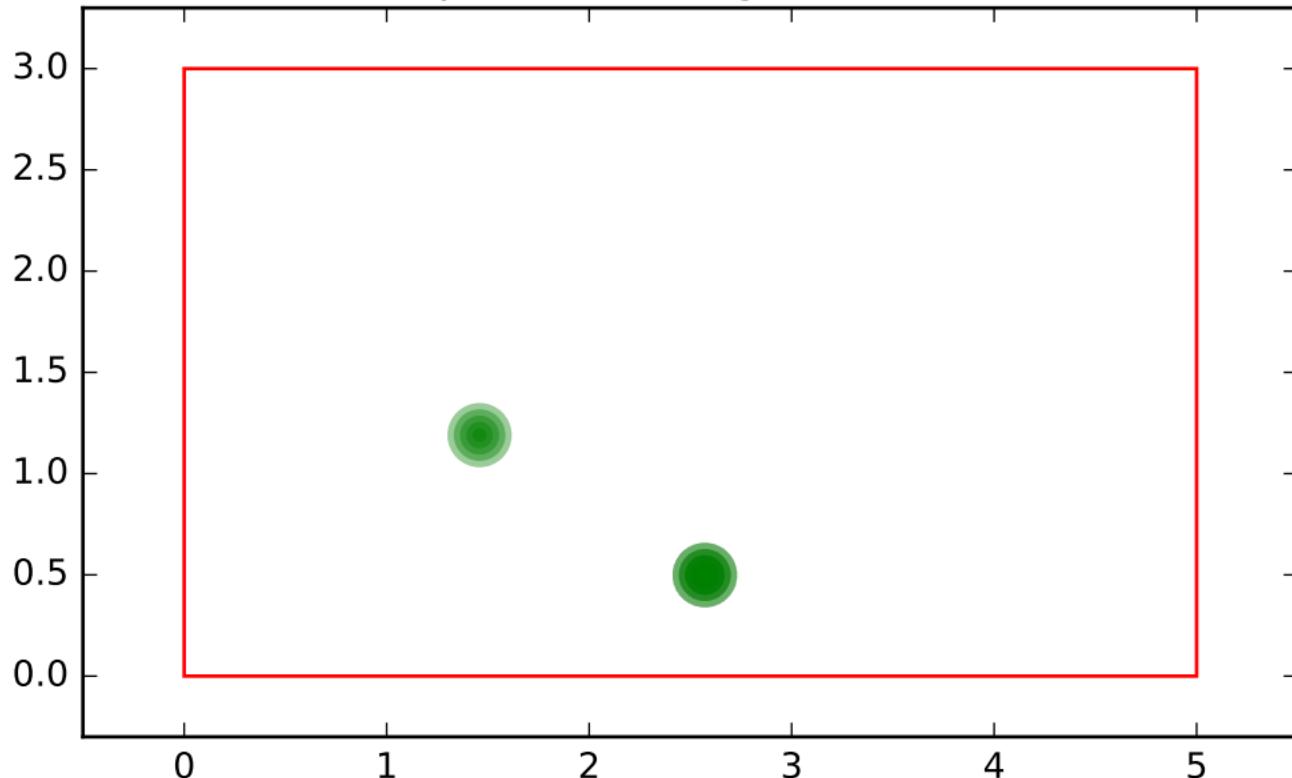
test for min covar of gmm

GMM min covar: 1e-06 ,training\_model\_0, variable name:  
position sibling order: 2



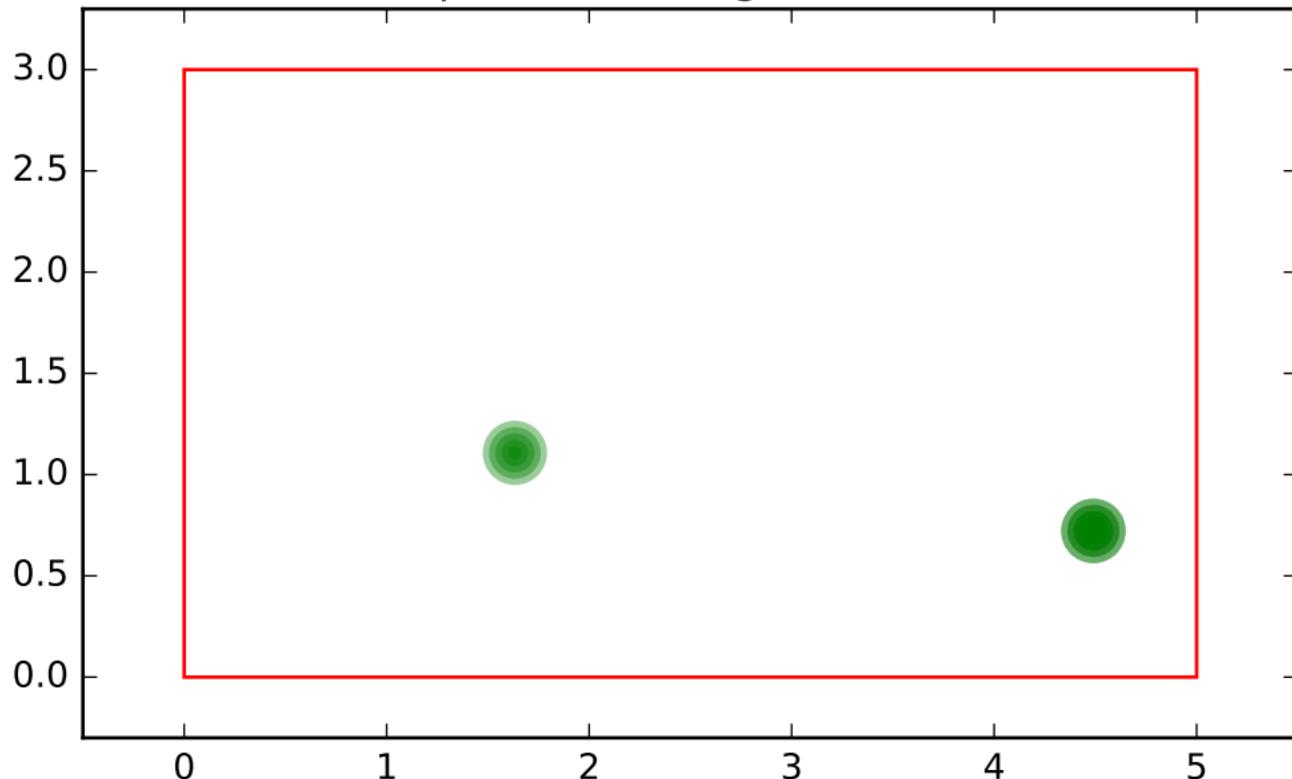
test for min covar of gmm

GMM min covar: 1e-06 ,training\_model\_0, variable name:  
position sibling order: 3



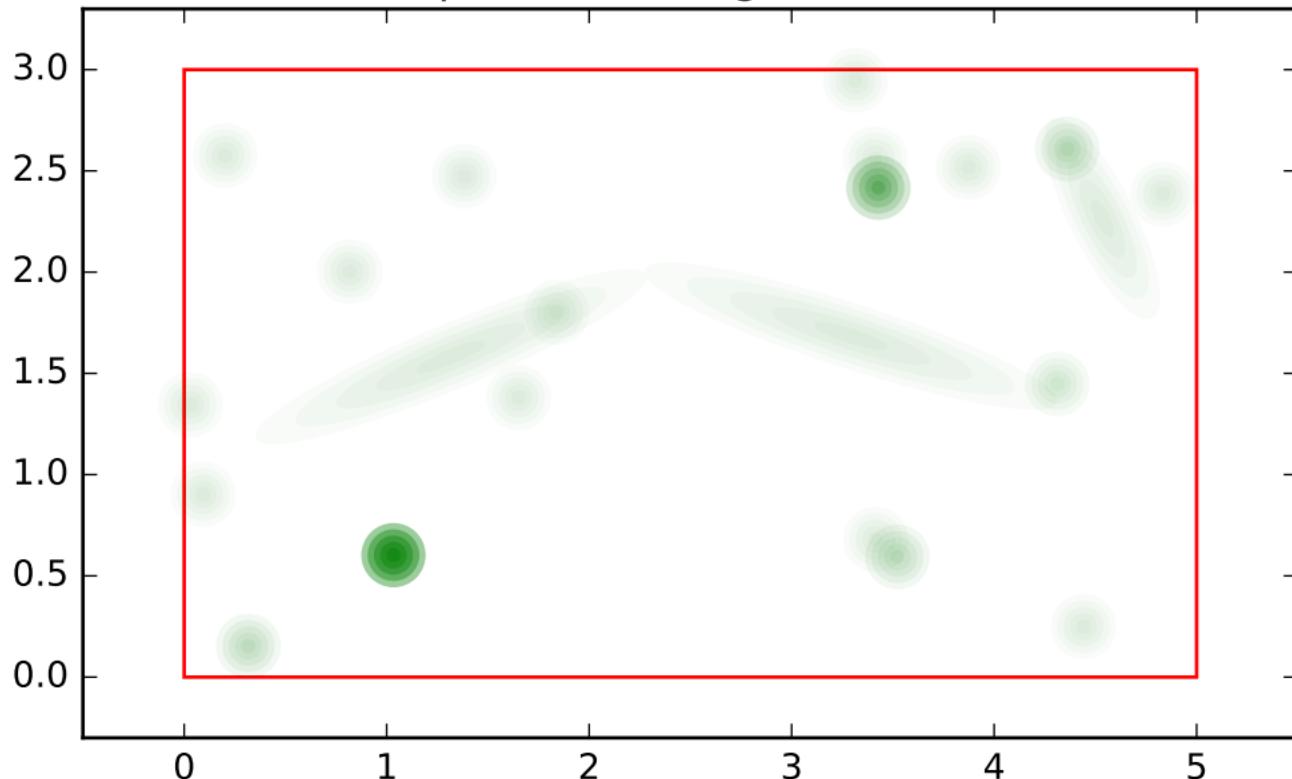
test for min covar of gmm

GMM min covar: 1e-06 ,training\_model\_0, variable name:  
position sibling order: 4



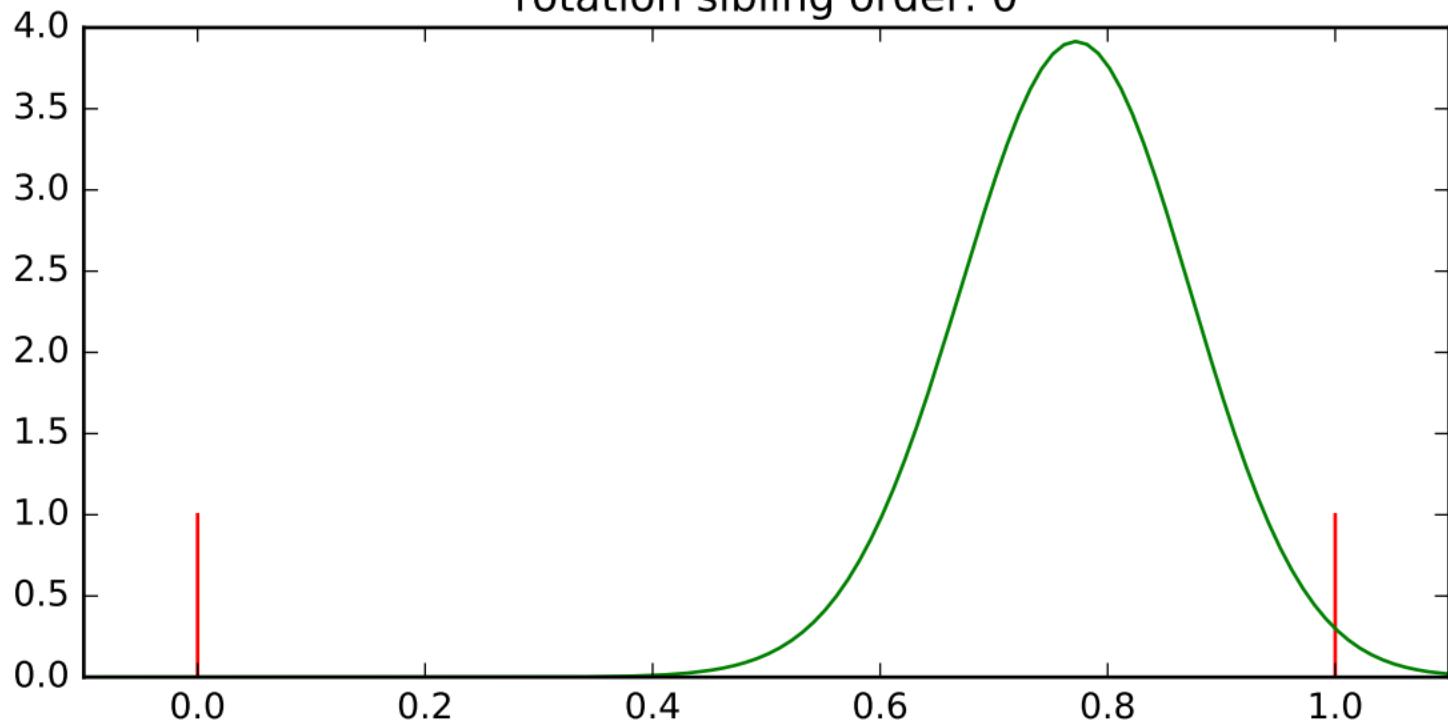
test for min covar of gmm

GMM min covar: 1e-06 ,training\_model\_1, variable name:  
position sibling order: 0



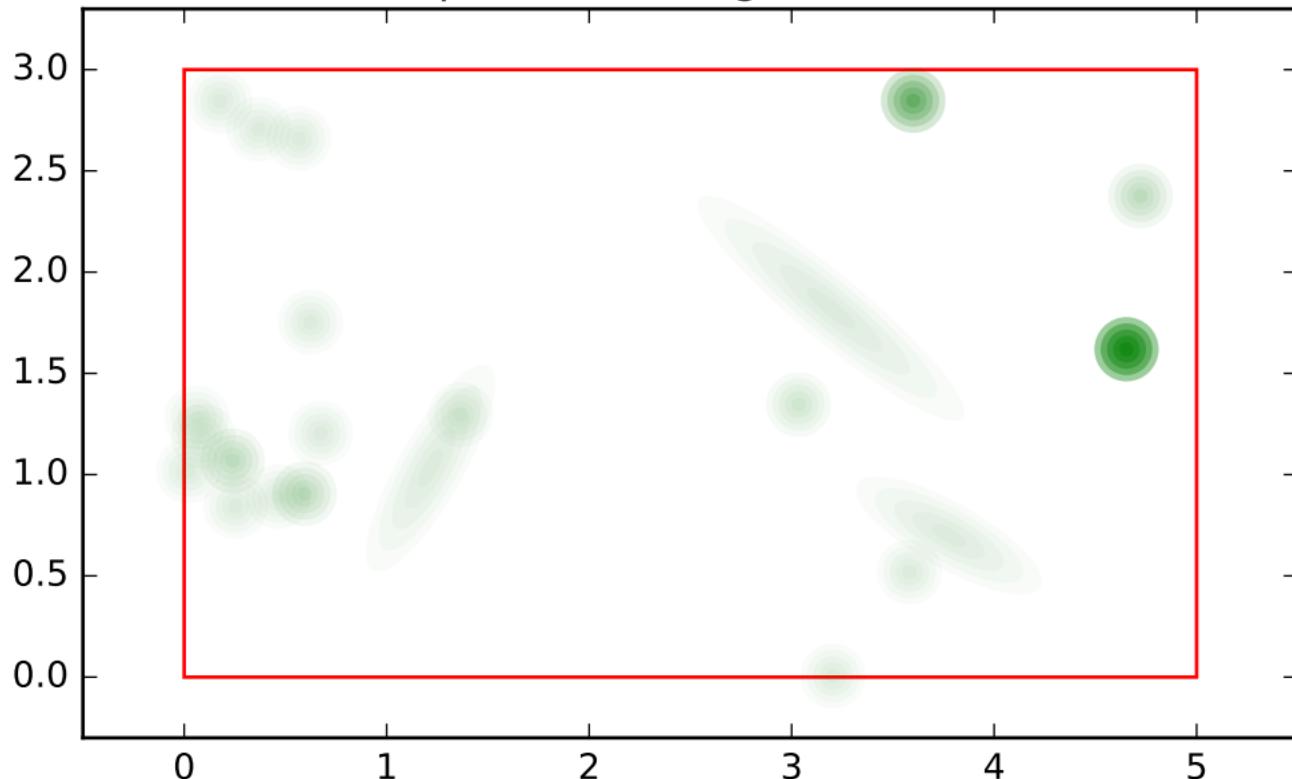
# test for min covar of gmm

GMM min covar: 1e-06 ,training\_model\_1, variable name:  
rotation sibling order: 0



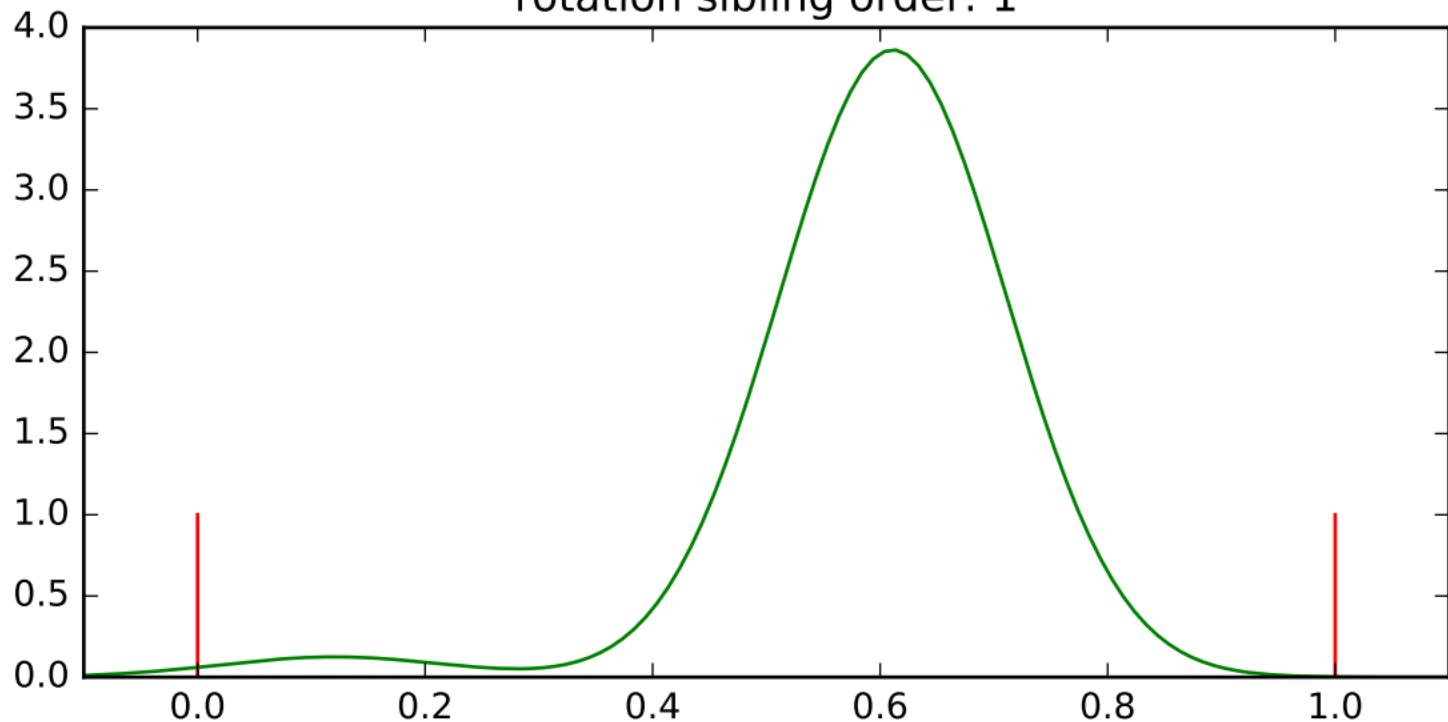
test for min covar of gmm

GMM min covar: 1e-06 ,training\_model\_1, variable name:  
position sibling order: 1



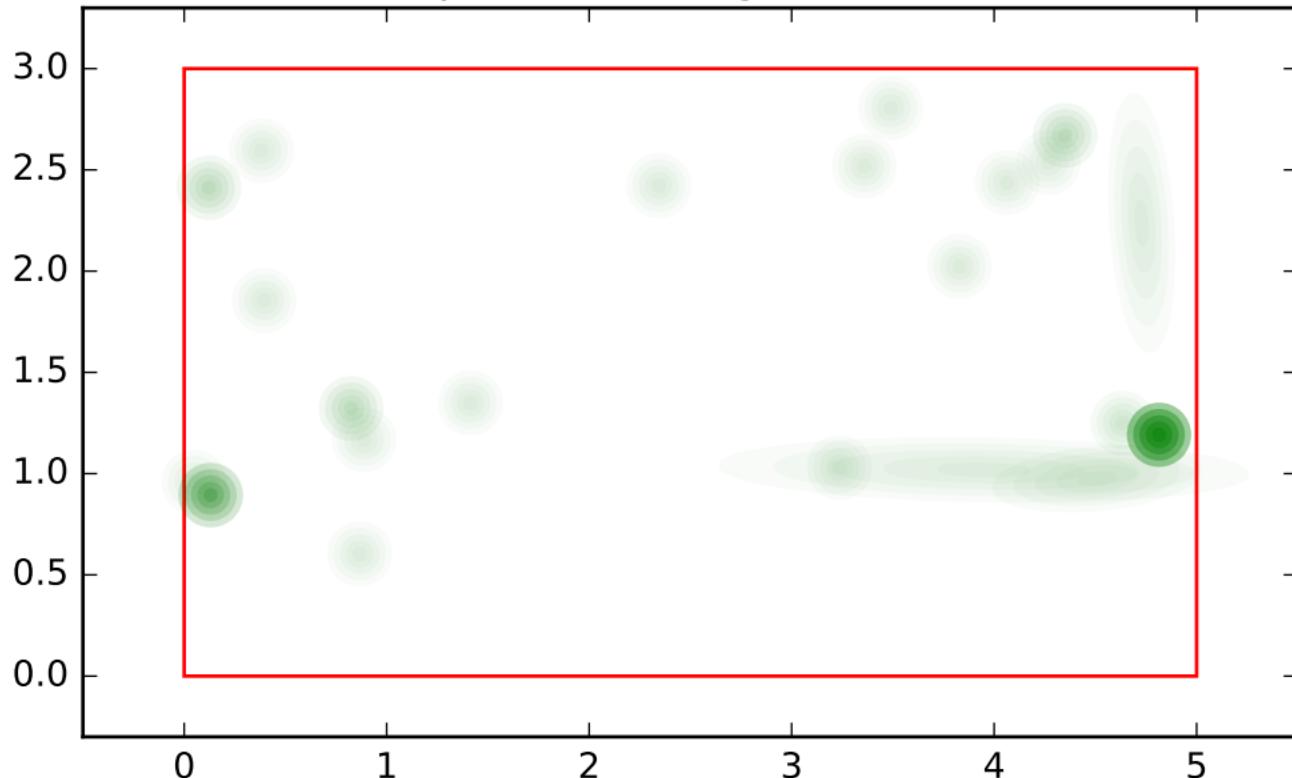
# test for min covar of gmm

GMM min covar: 1e-06 ,training\_model\_1, variable name:  
rotation sibling order: 1



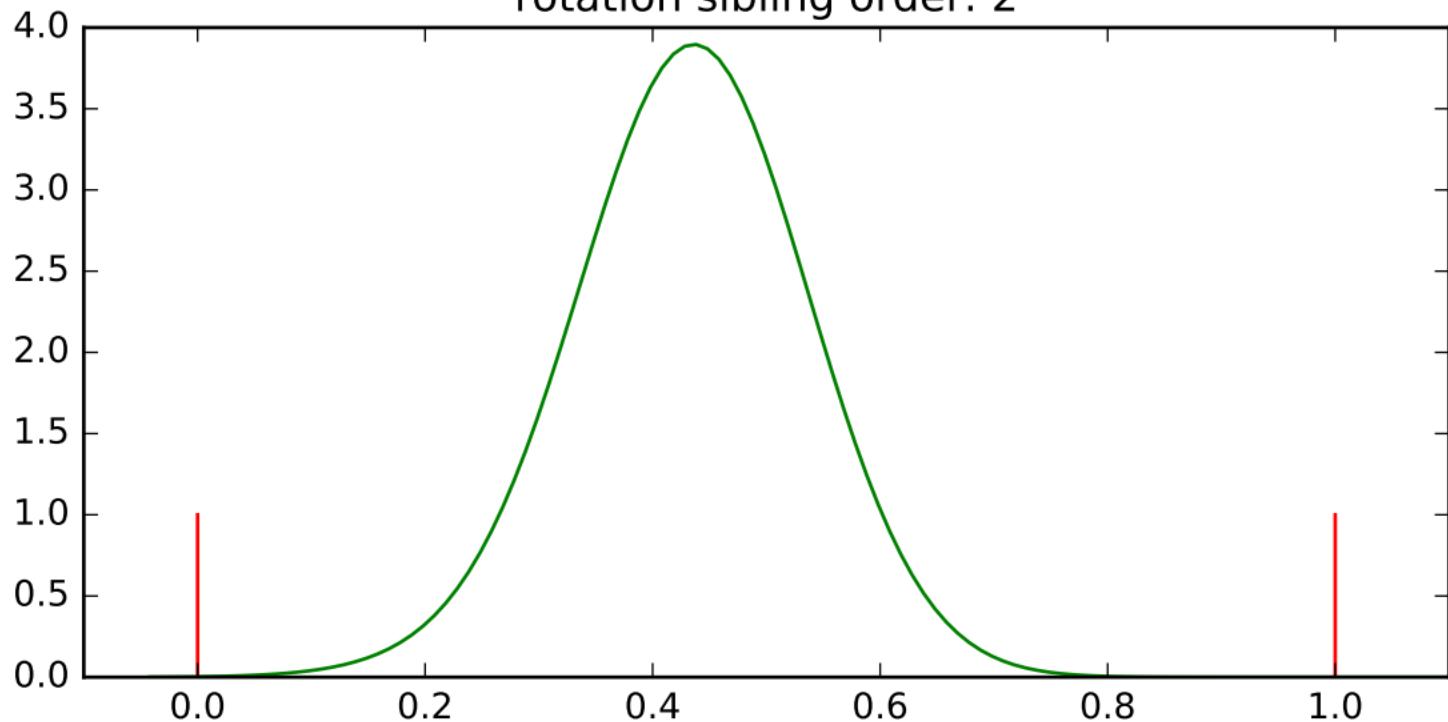
test for min covar of gmm

GMM min covar: 1e-06 ,training\_model\_1, variable name:  
position sibling order: 2



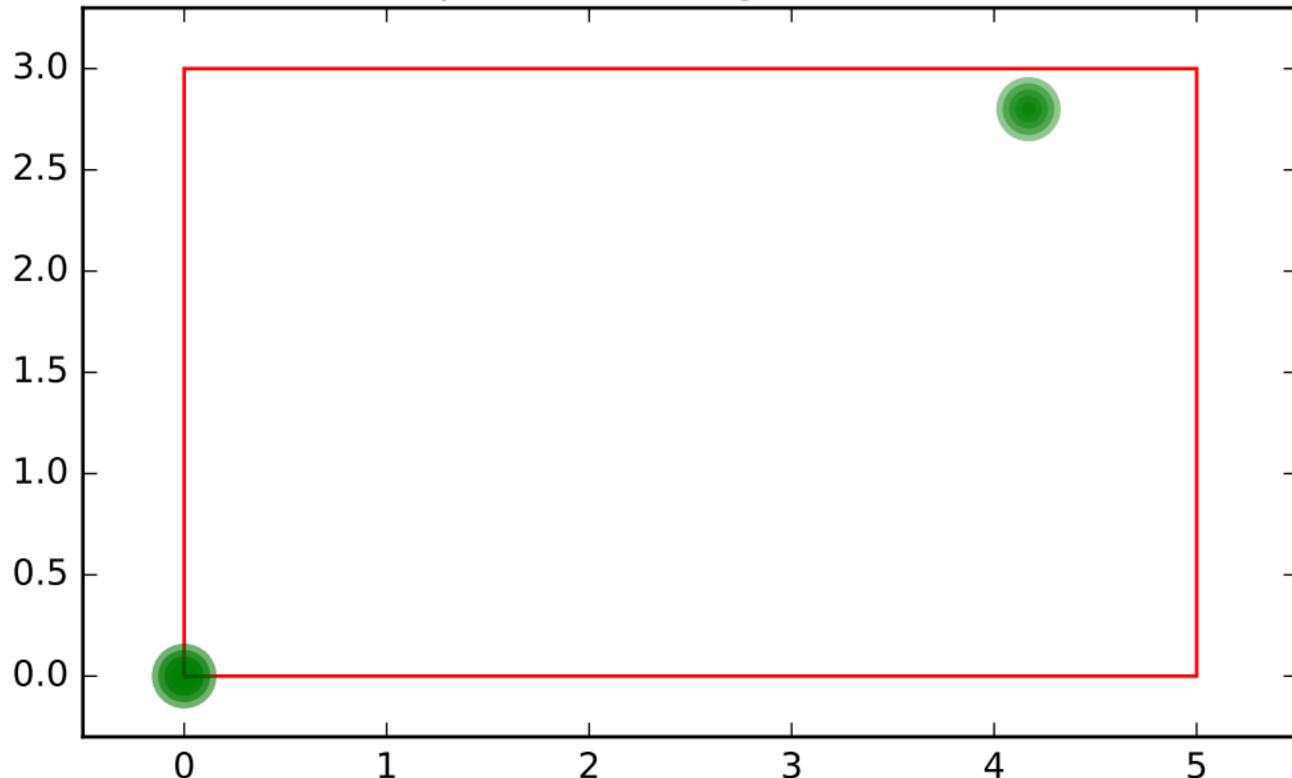
# test for min covar of gmm

GMM min covar: 1e-06 ,training\_model\_1, variable name:  
rotation sibling order: 2



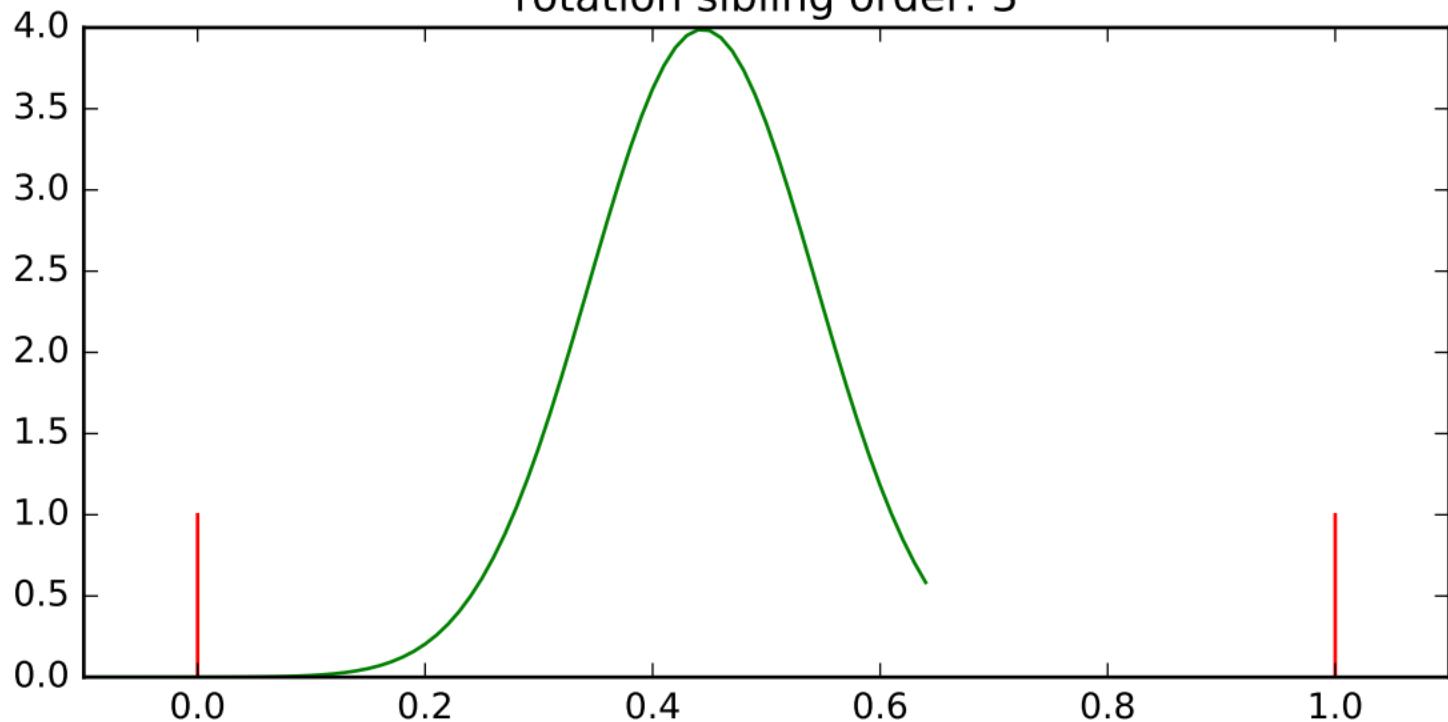
test for min covar of gmm

GMM min covar: 1e-06 ,training\_model\_1, variable name:  
position sibling order: 3



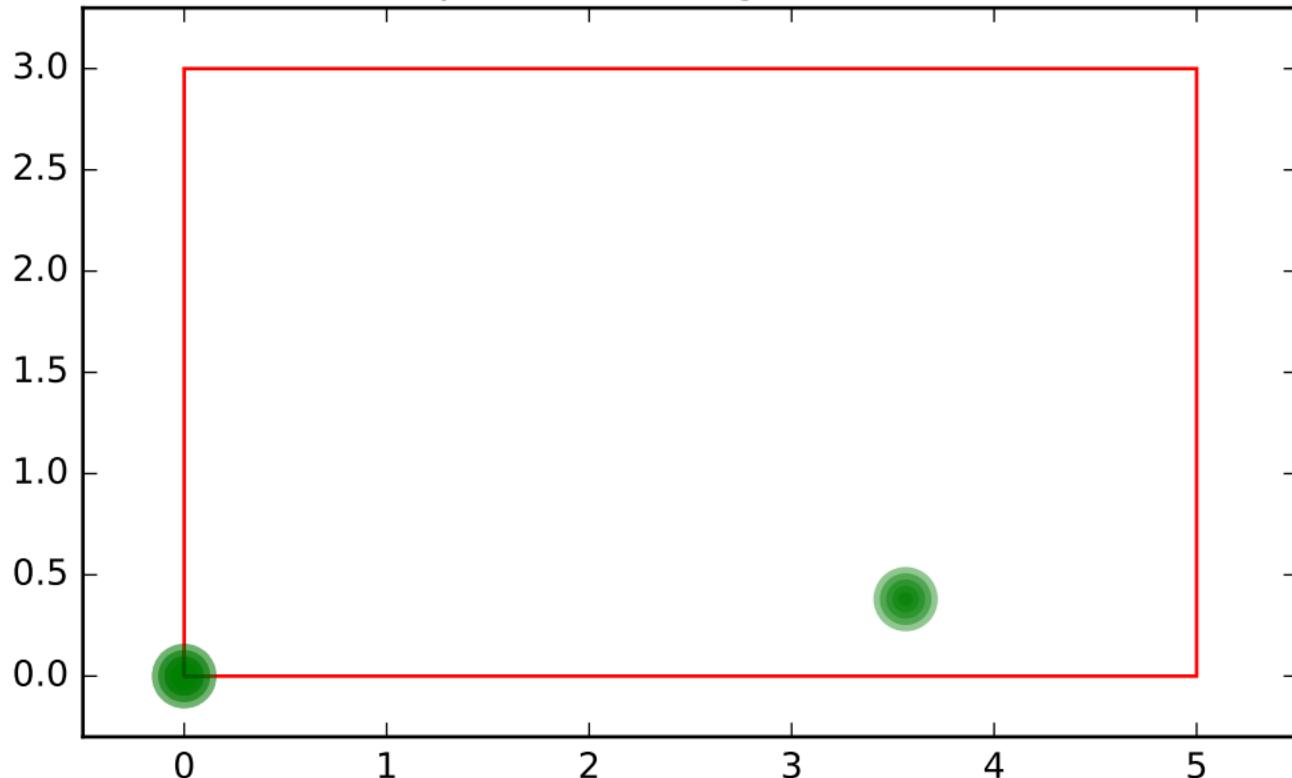
# test for min covar of gmm

GMM min covar: 1e-06 ,training\_model\_1, variable name:  
rotation sibling order: 3



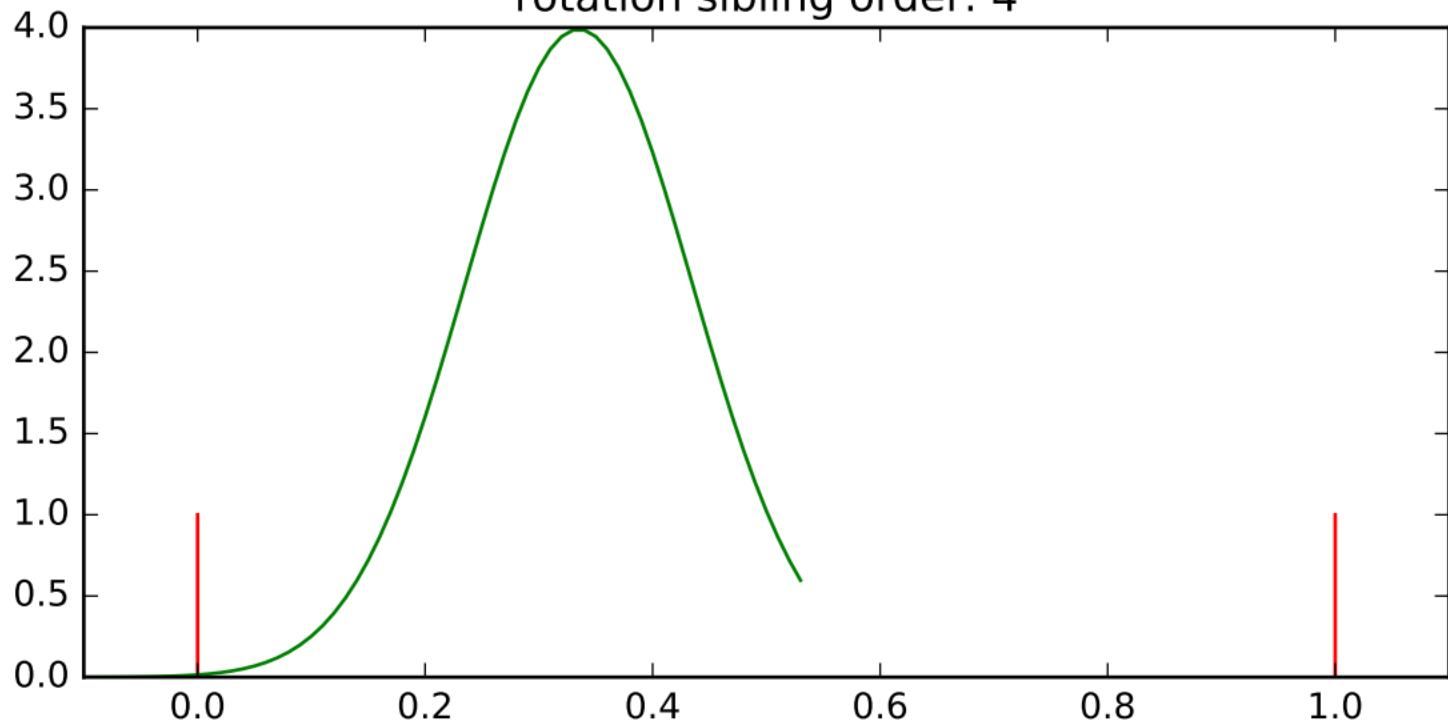
test for min covar of gmm

GMM min covar: 1e-06 ,training\_model\_1, variable name:  
position sibling order: 4



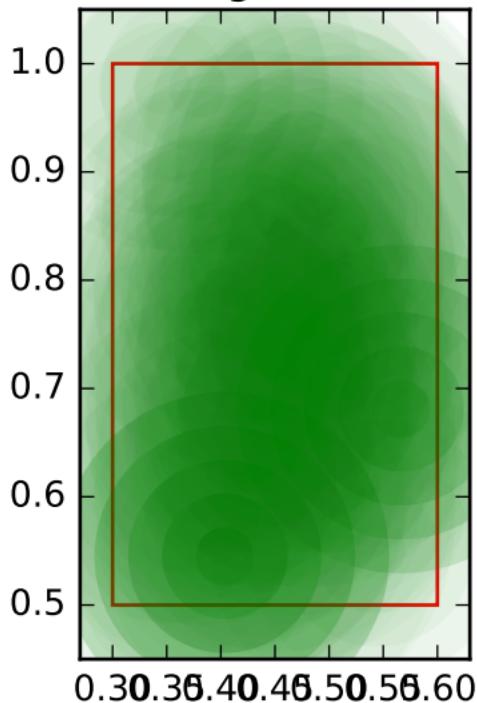
# test for min covar of gmm

GMM min covar: 1e-06 ,training\_model\_1, variable name:  
rotation sibling order: 4



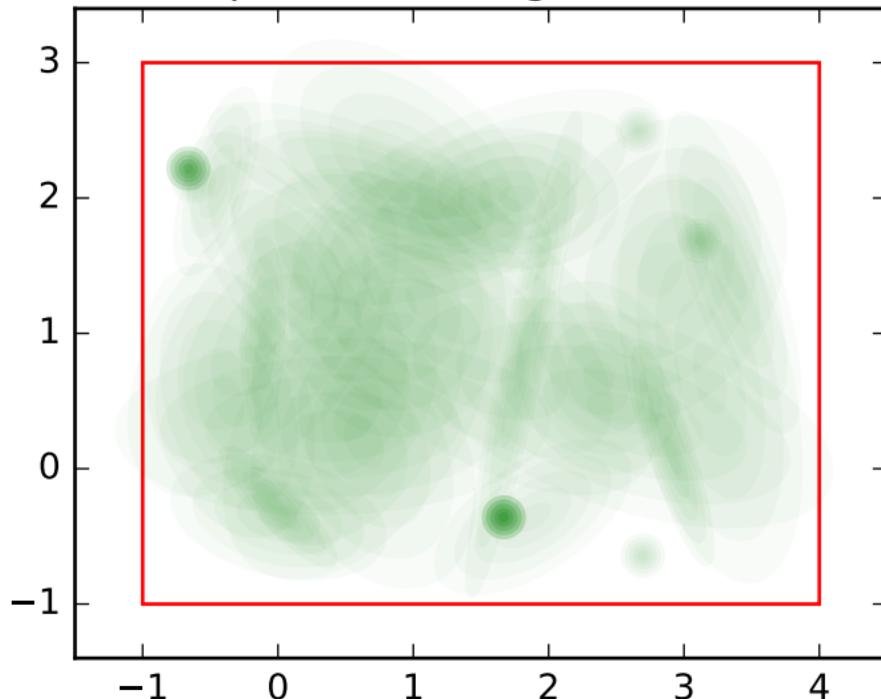
# test for min covar of gmm

GMM min covar: 1e-06 ,training\_model\_3, variable name: size  
sibling order: 0



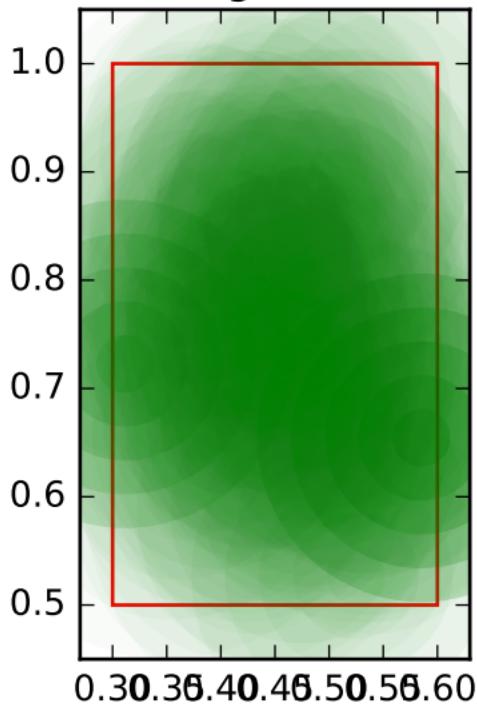
# test for min covar of gmm

GMM min covar: 1e-06 ,training\_model\_3, variable name:  
position sibling order: 0



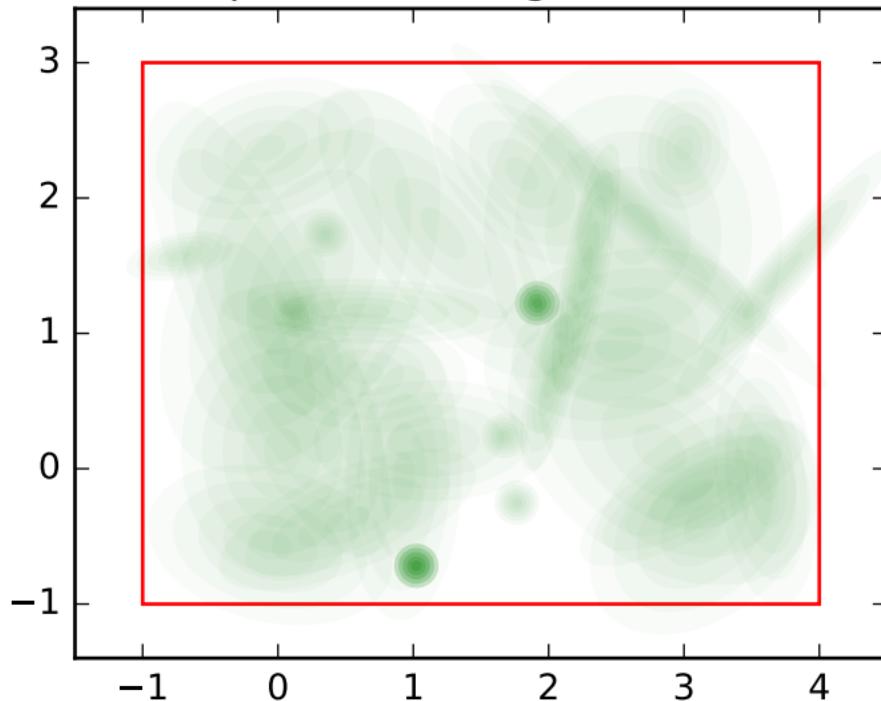
# test for min covar of gmm

GMM min covar: 1e-06 ,training\_model\_3, variable name: size  
sibling order: 1



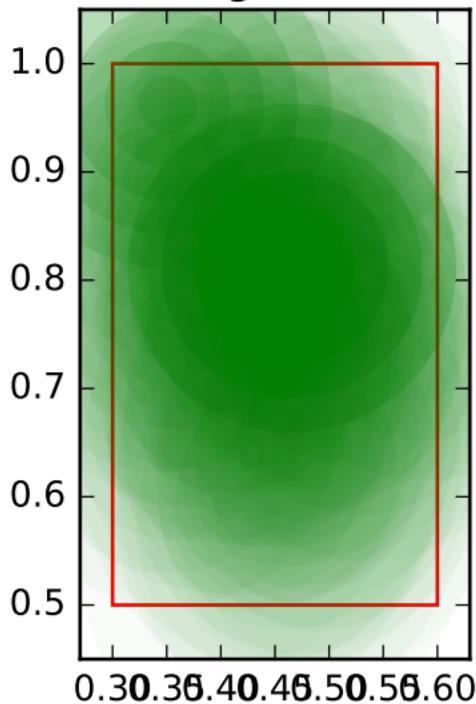
# test for min covar of gmm

GMM min covar: 1e-06 ,training\_model\_3, variable name:  
position sibling order: 1



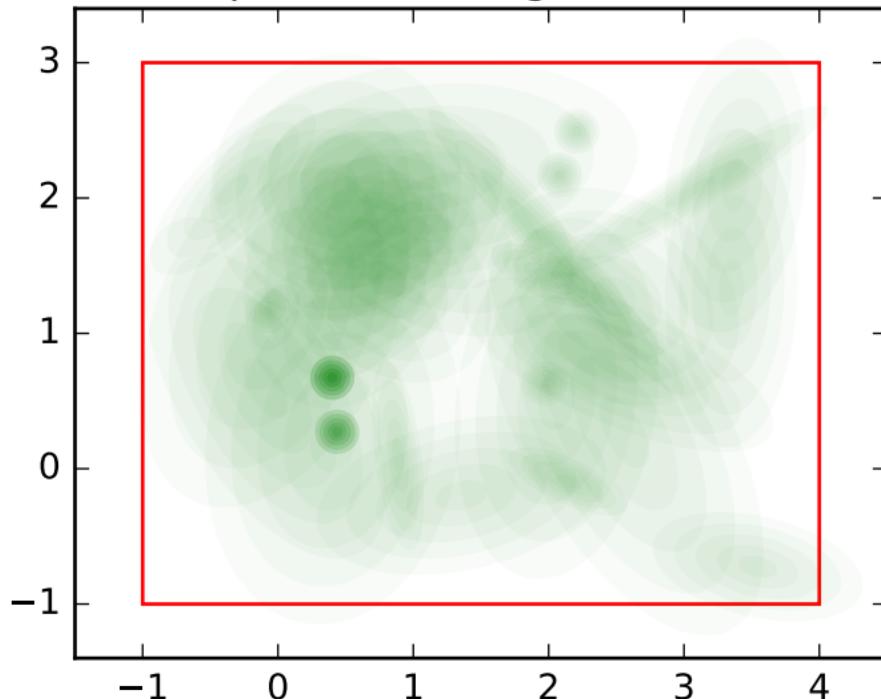
# test for min covar of gmm

GMM min covar: 1e-06 ,training\_model\_3, variable name: size  
sibling order: 2



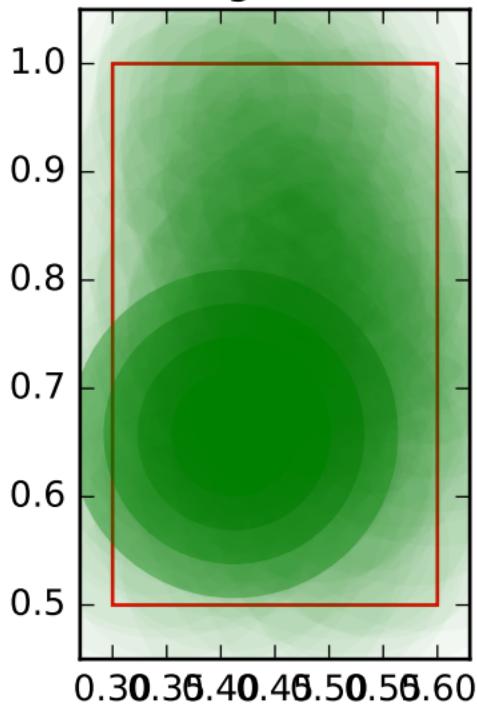
# test for min covar of gmm

GMM min covar: 1e-06 ,training\_model\_3, variable name:  
position sibling order: 2



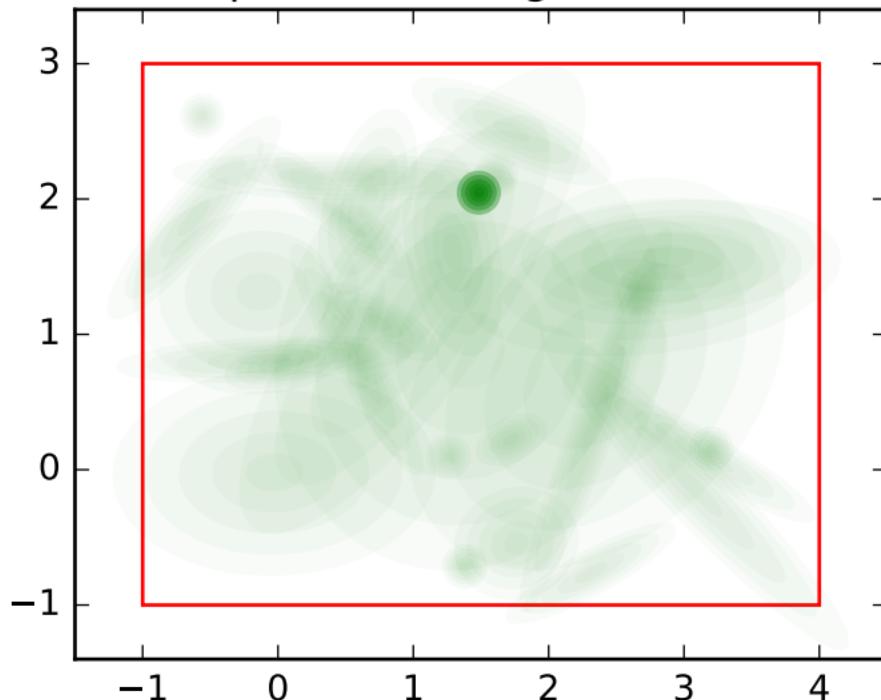
# test for min covar of gmm

GMM min covar: 1e-06 ,training\_model\_3, variable name: size  
sibling order: 3



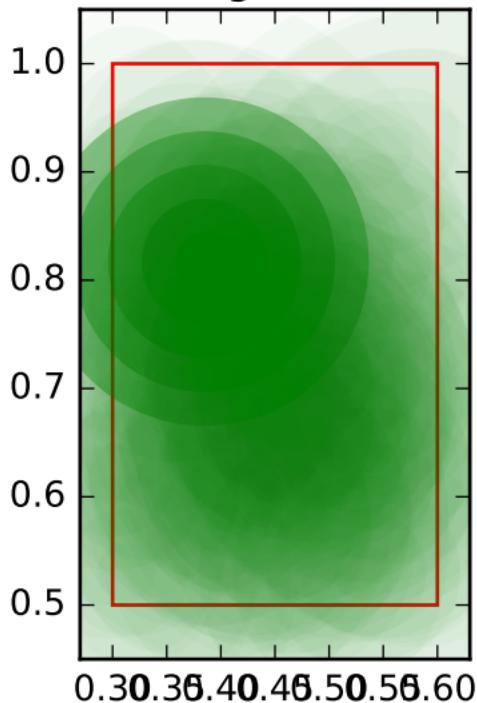
# test for min covar of gmm

GMM min covar: 1e-06 ,training\_model\_3, variable name:  
position sibling order: 3



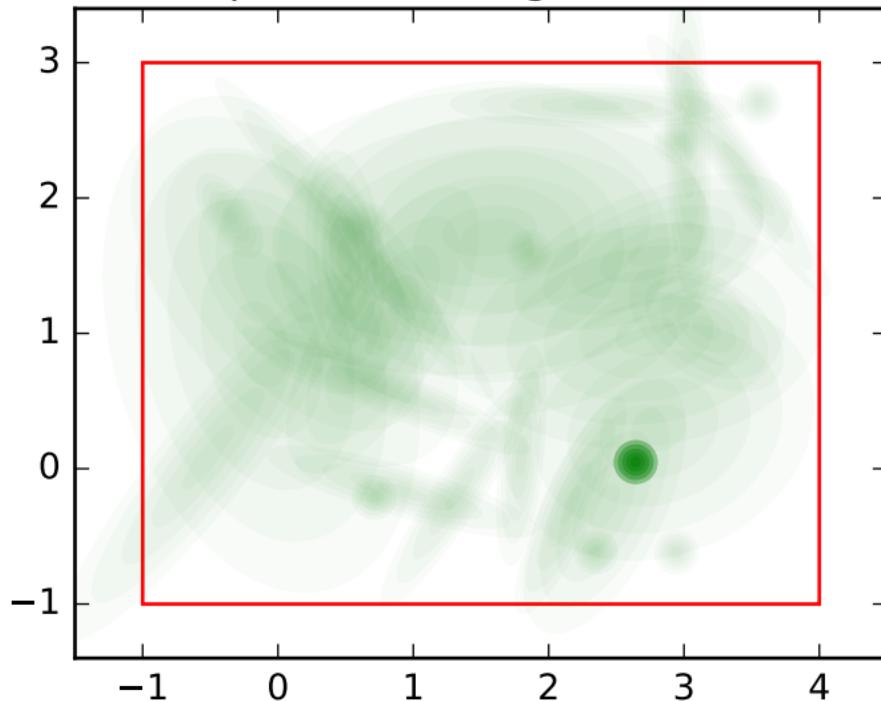
# test for min covar of gmm

GMM min covar: 1e-06 ,training\_model\_3, variable name: size  
sibling order: 4



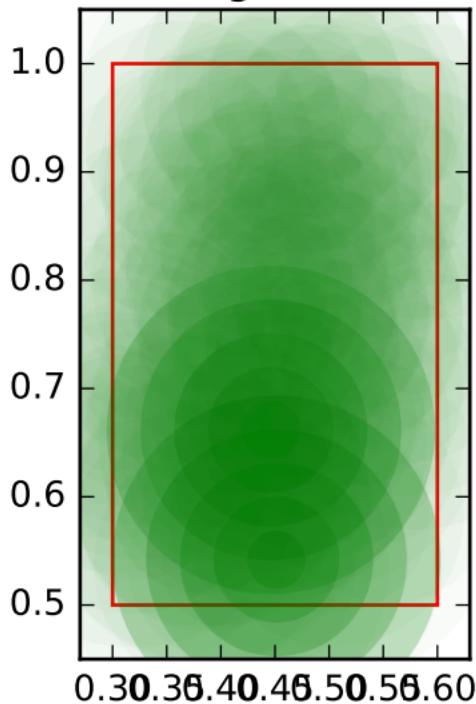
# test for min covar of gmm

GMM min covar: 1e-06 ,training\_model\_3, variable name:  
position sibling order: 4



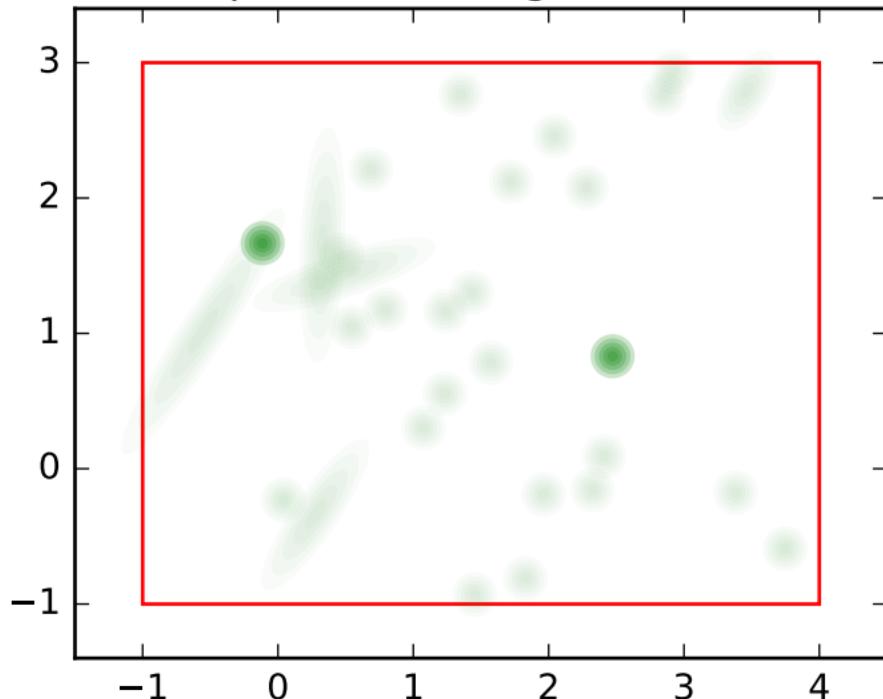
# test for min covar of gmm

GMM min covar: 1e-06 ,training\_model\_4, variable name: size  
sibling order: 0



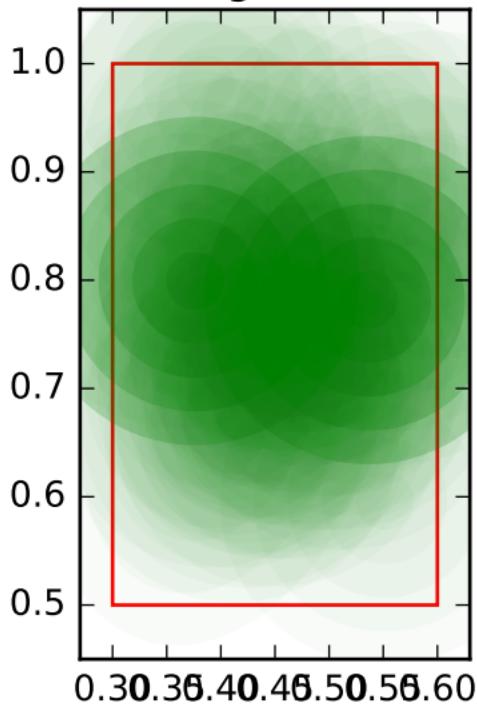
# test for min covar of gmm

GMM min covar: 1e-06 ,training\_model\_4, variable name:  
position sibling order: 0



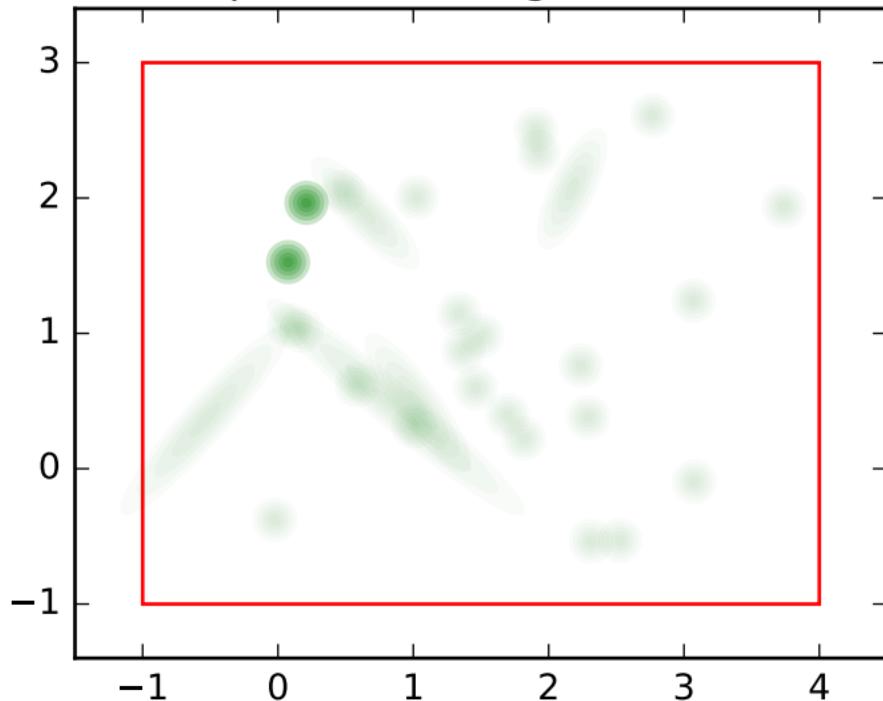
# test for min covar of gmm

GMM min covar: 1e-06 ,training\_model\_4, variable name: size  
sibling order: 1



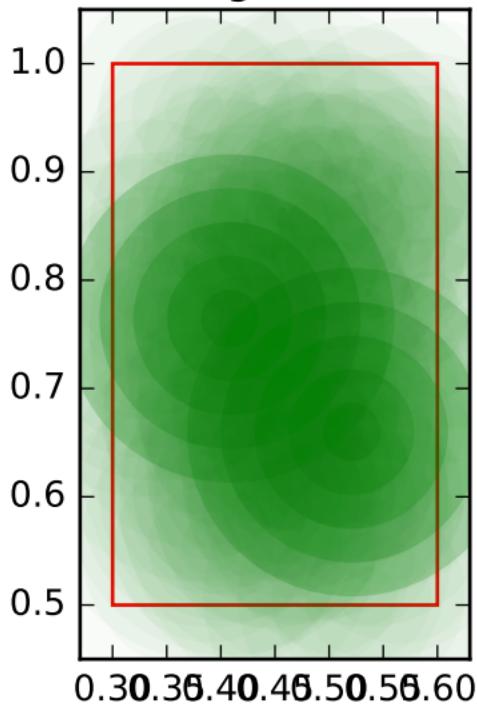
# test for min covar of gmm

GMM min covar: 1e-06 ,training\_model\_4, variable name:  
position sibling order: 1



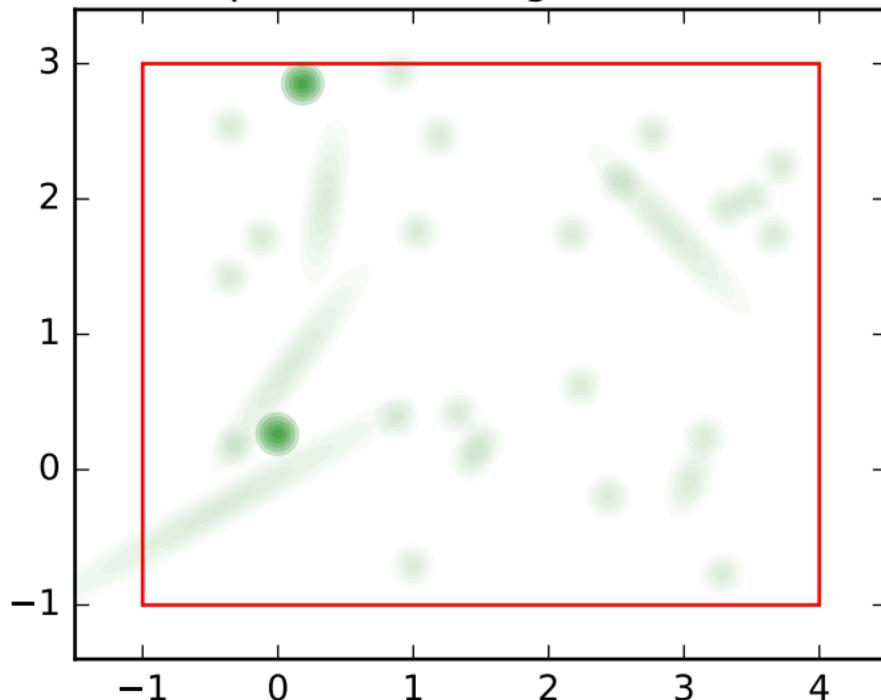
# test for min covar of gmm

GMM min covar: 1e-06 ,training\_model\_4, variable name: size  
sibling order: 2



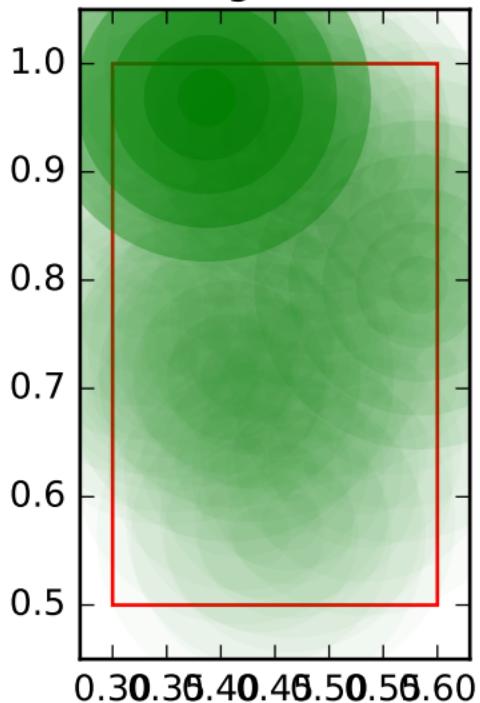
# test for min covar of gmm

GMM min covar: 1e-06 ,training\_model\_4, variable name:  
position sibling order: 2



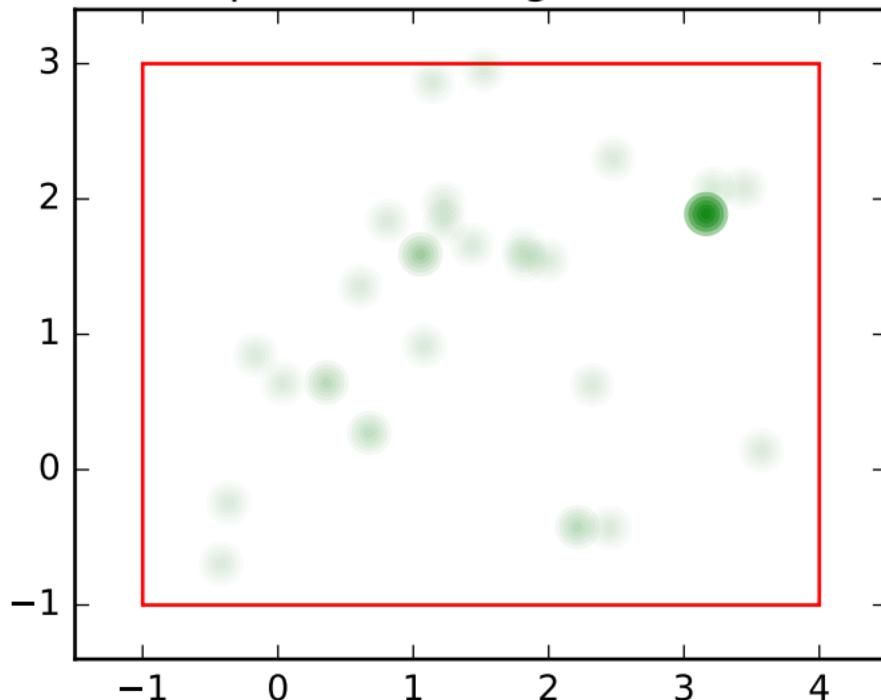
# test for min covar of gmm

GMM min covar: 1e-06 ,training\_model\_4, variable name: size  
sibling order: 3



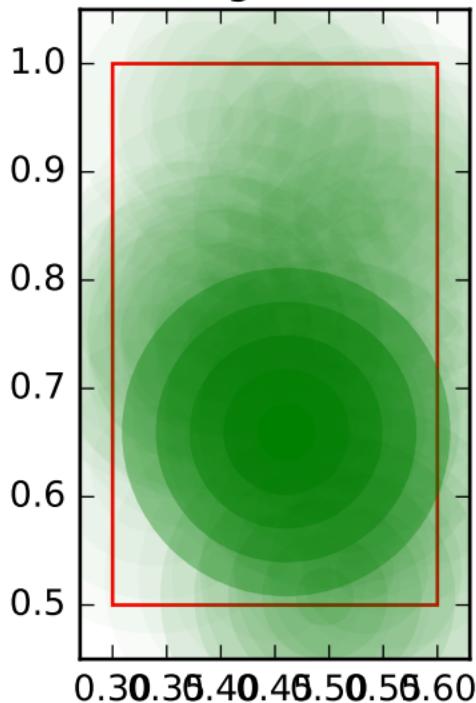
# test for min covar of gmm

GMM min covar: 1e-06 ,training\_model\_4, variable name:  
position sibling order: 3



# test for min covar of gmm

GMM min covar: 1e-06 ,training\_model\_4, variable name: size  
sibling order: 4



# test for min covar of gmm

GMM min covar: 1e-06 ,training\_model\_4, variable name:  
position sibling order: 4

