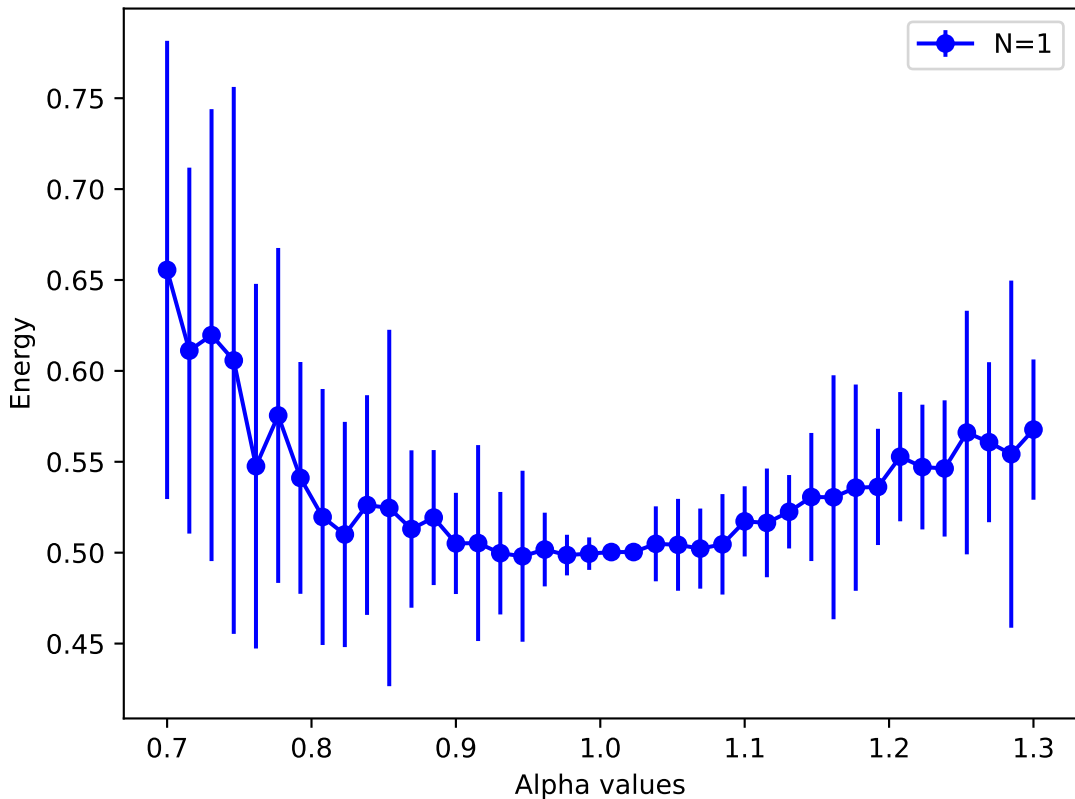
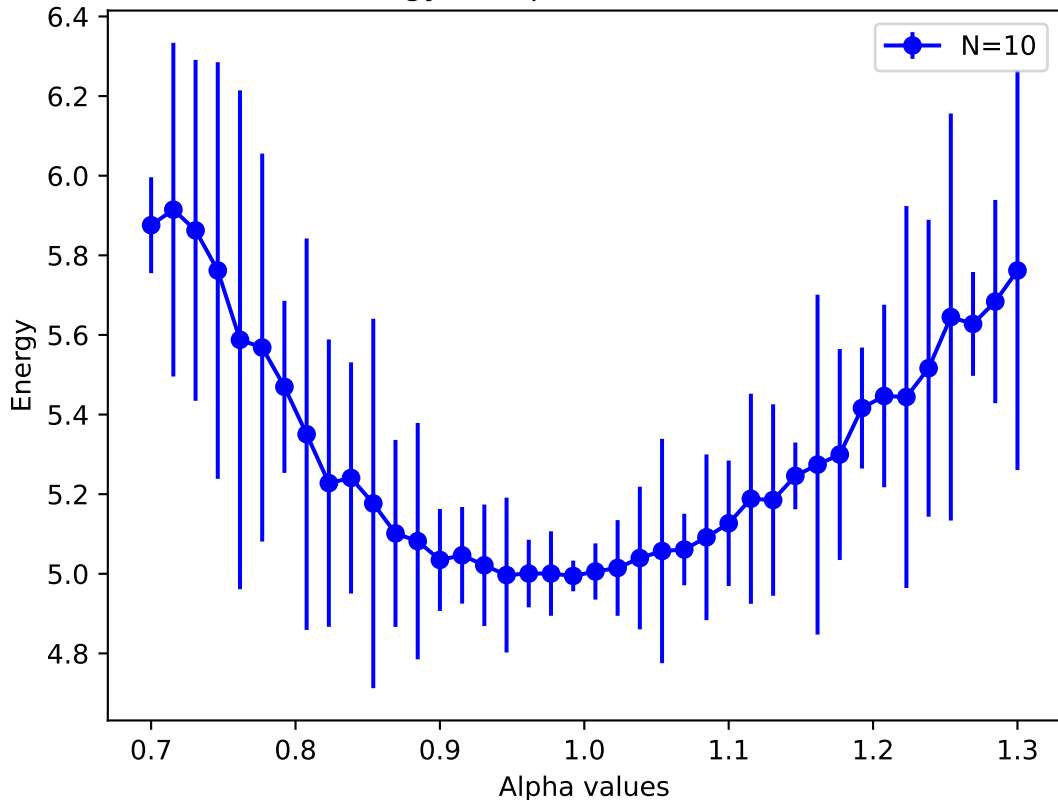


Energy vs Alpha for N=1, D=1



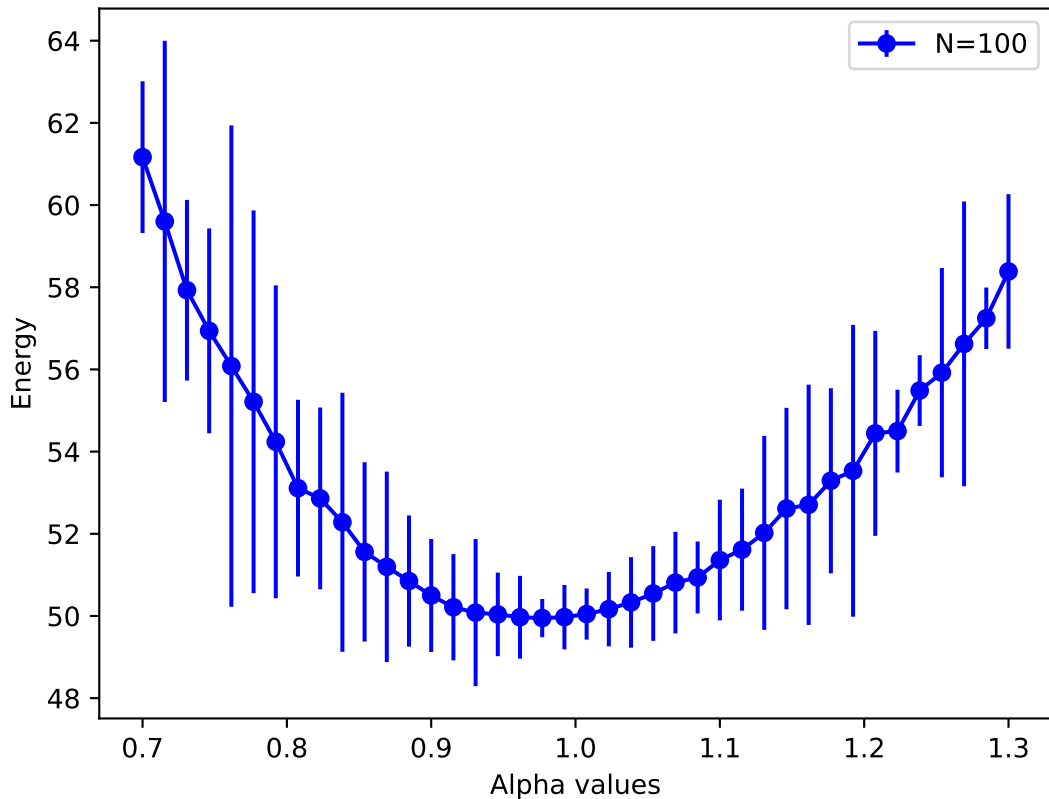
Optimal alpha: 0.9462  
Minimum energy: 0.4980  
Error: 0.0470  
Rejection rate: 16.12%

Energy vs Alpha for N=10, D=1



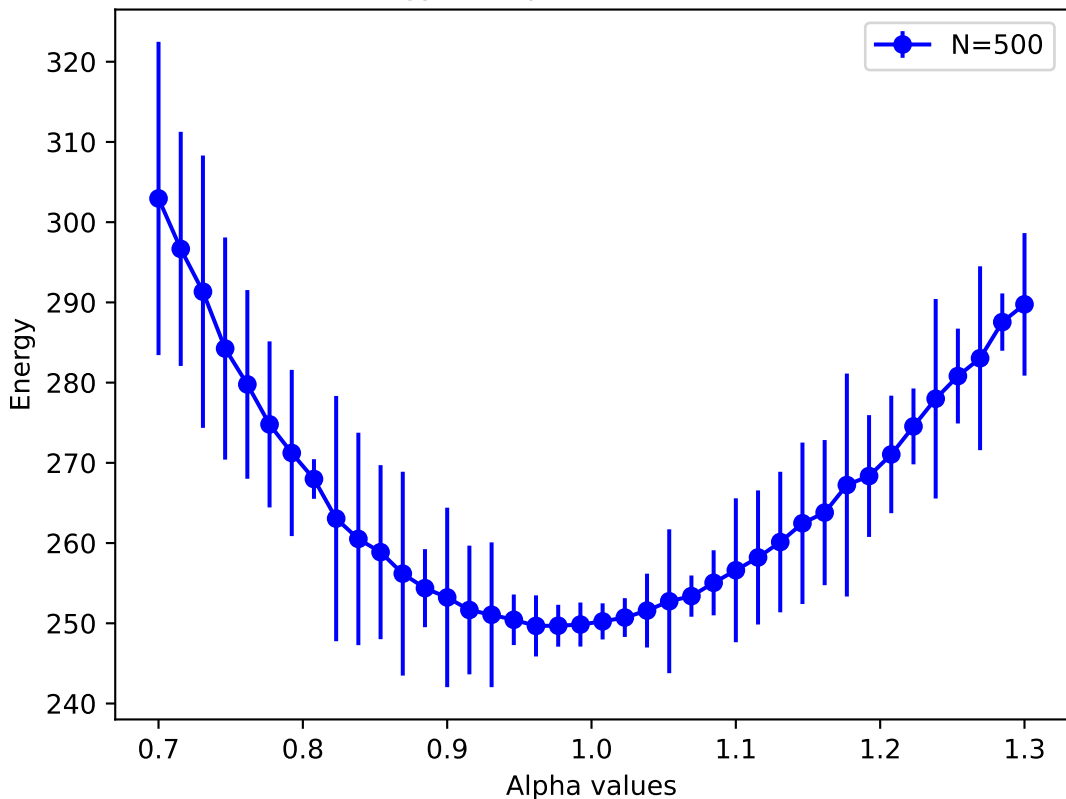
Optimal alpha: 0.9923  
Minimum energy: 4.9946  
Error: 0.0385  
Rejection rate: 11.32%

Energy vs Alpha for N=100, D=1



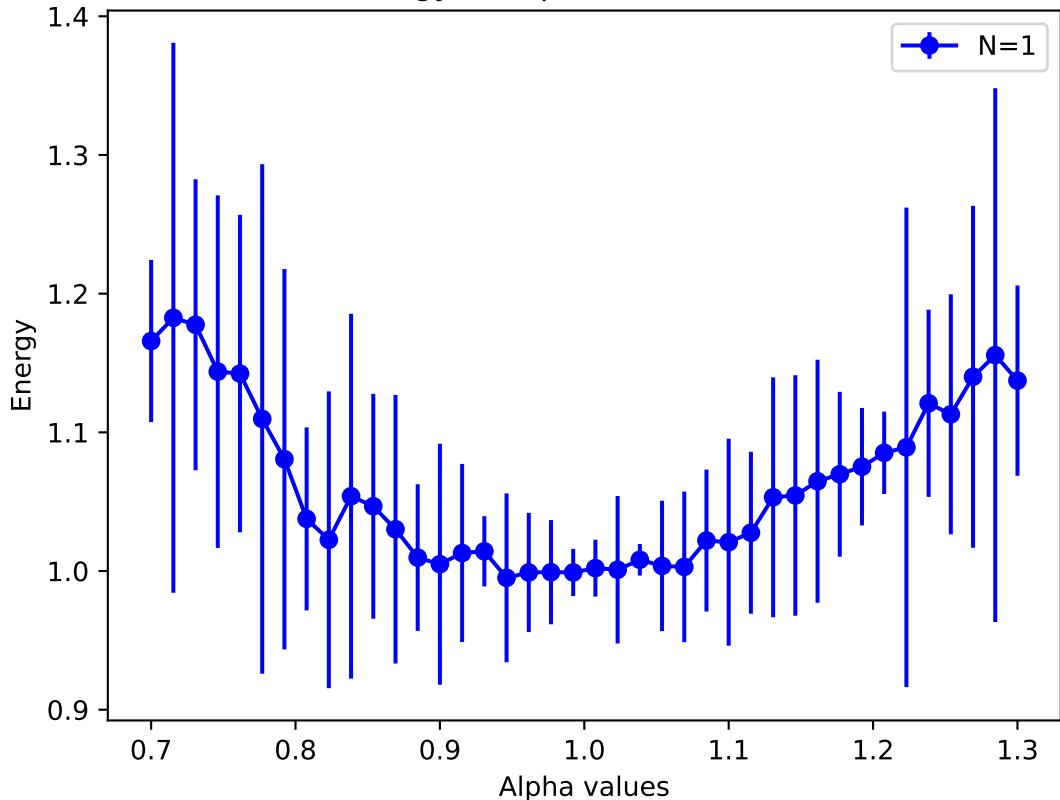
Optimal alpha: 0.9769  
Minimum energy: 49.9491  
Error: 0.4652  
Rejection rate: 6.35%

Energy vs Alpha for N=500, D=1



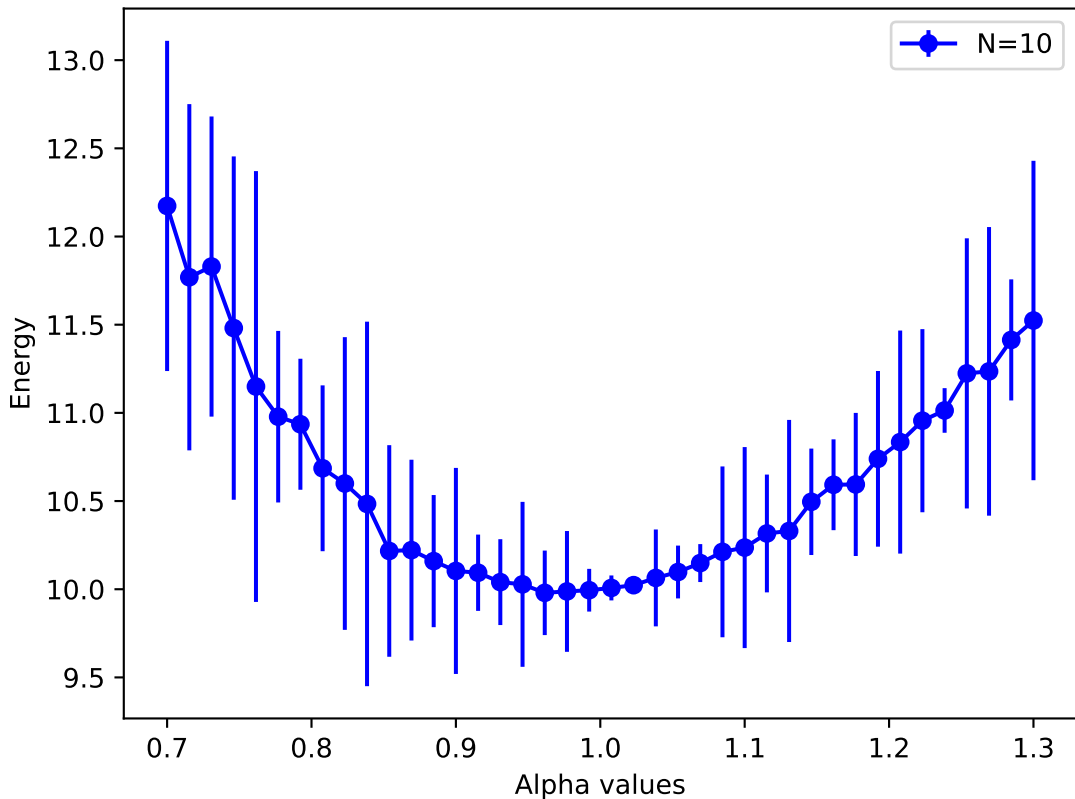
Optimal alpha: 0.9615  
Minimum energy: 249.6734  
Error: 3.8095  
Rejection rate: 3.56%

Energy vs Alpha for N=1, D=2



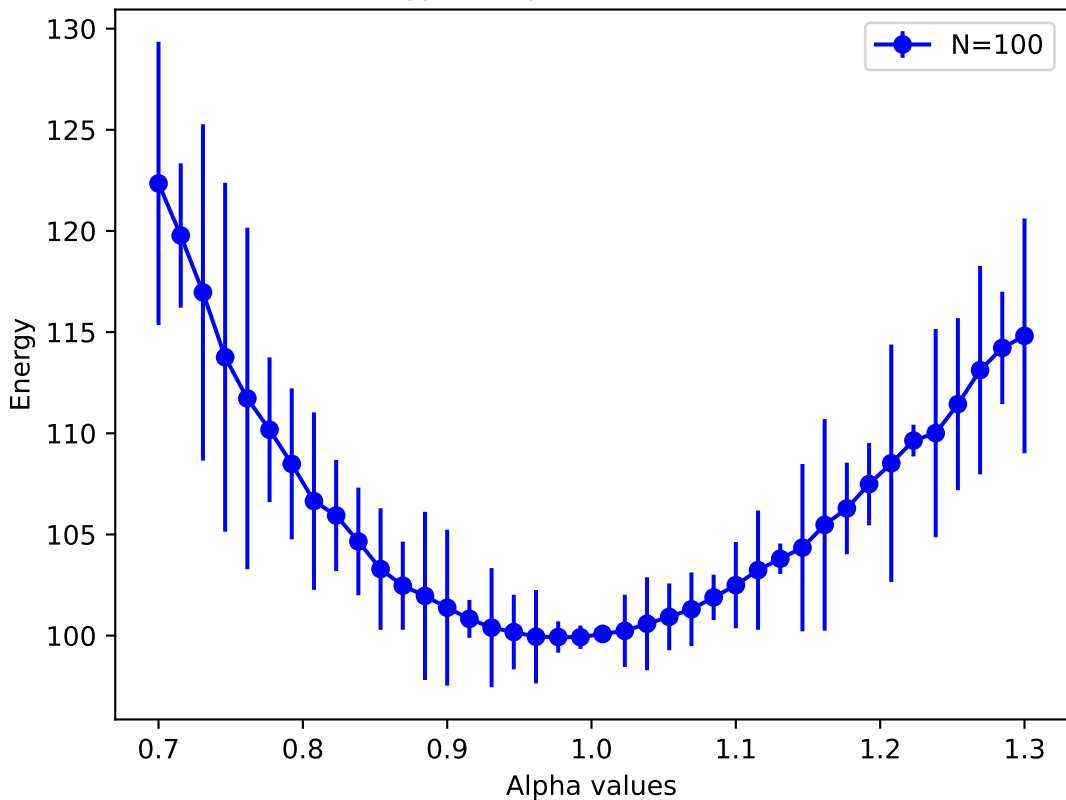
Optimal alpha: 0.9462  
Minimum energy: 0.9951  
Error: 0.0609  
Rejection rate: 16.38%

Energy vs Alpha for N=10, D=2



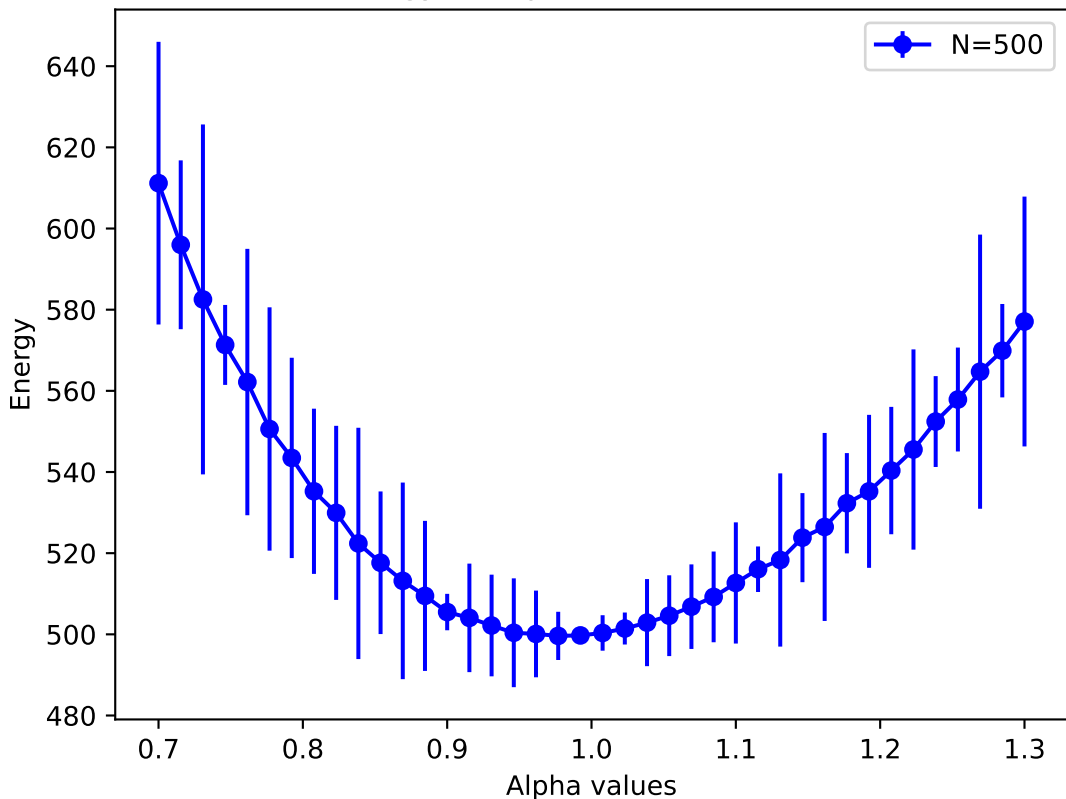
Optimal alpha: 0.9615  
Minimum energy: 9.9796  
Error: 0.2396  
Rejection rate: 9.67%

Energy vs Alpha for N=100, D=2



Optimal alpha: 0.9923  
Minimum energy: 99.9233  
Error: 0.5785  
Rejection rate: 4.45%

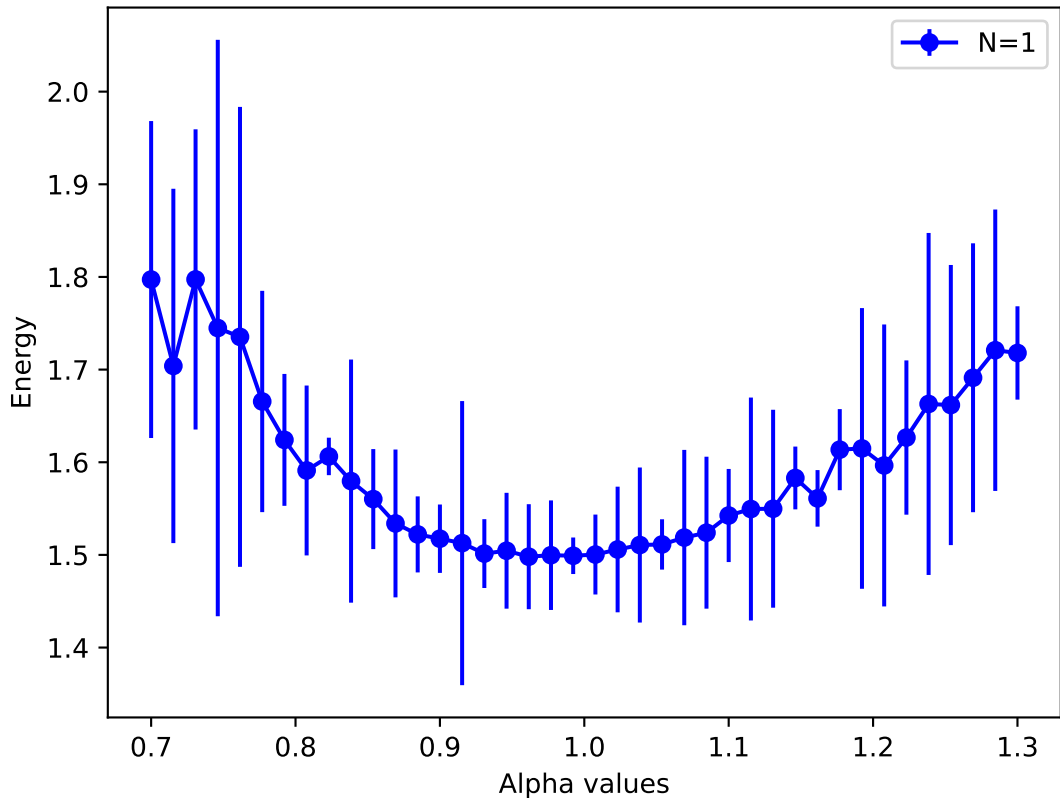
Energy vs Alpha for N=500, D=2



Optimal alpha: 0.9769  
Minimum energy: 499.6189  
Error: 5.9401  
Rejection rate: 2.13%

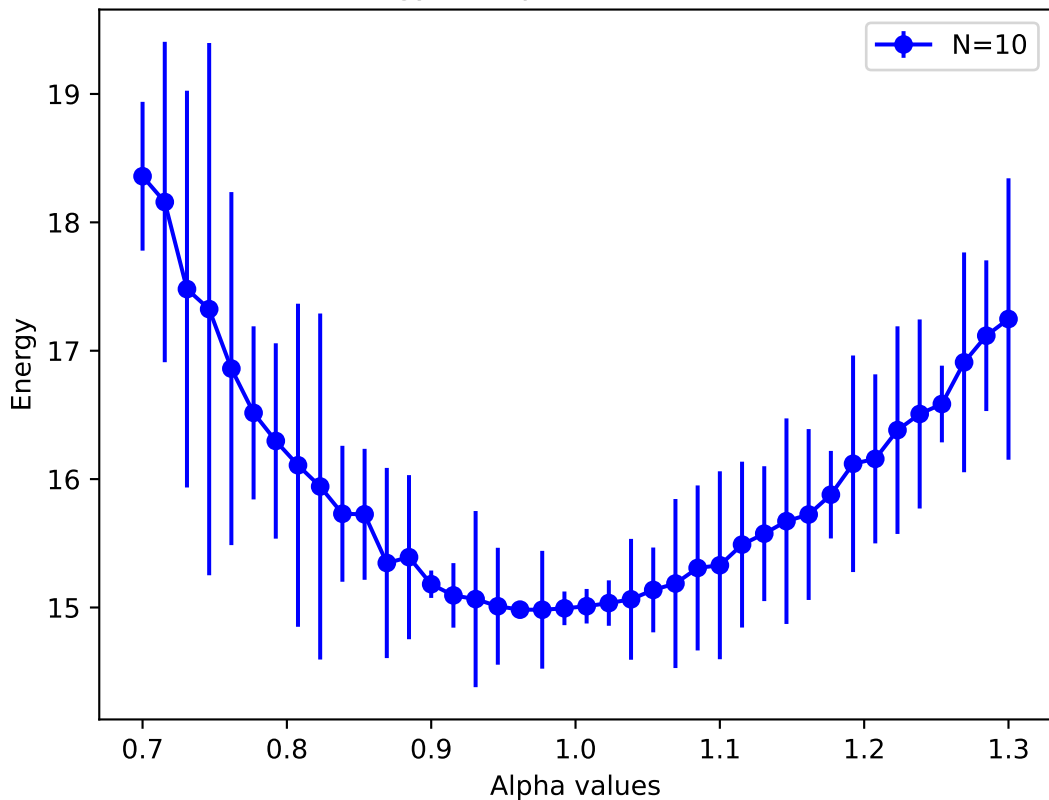


# Energy vs Alpha for N=1, D=3



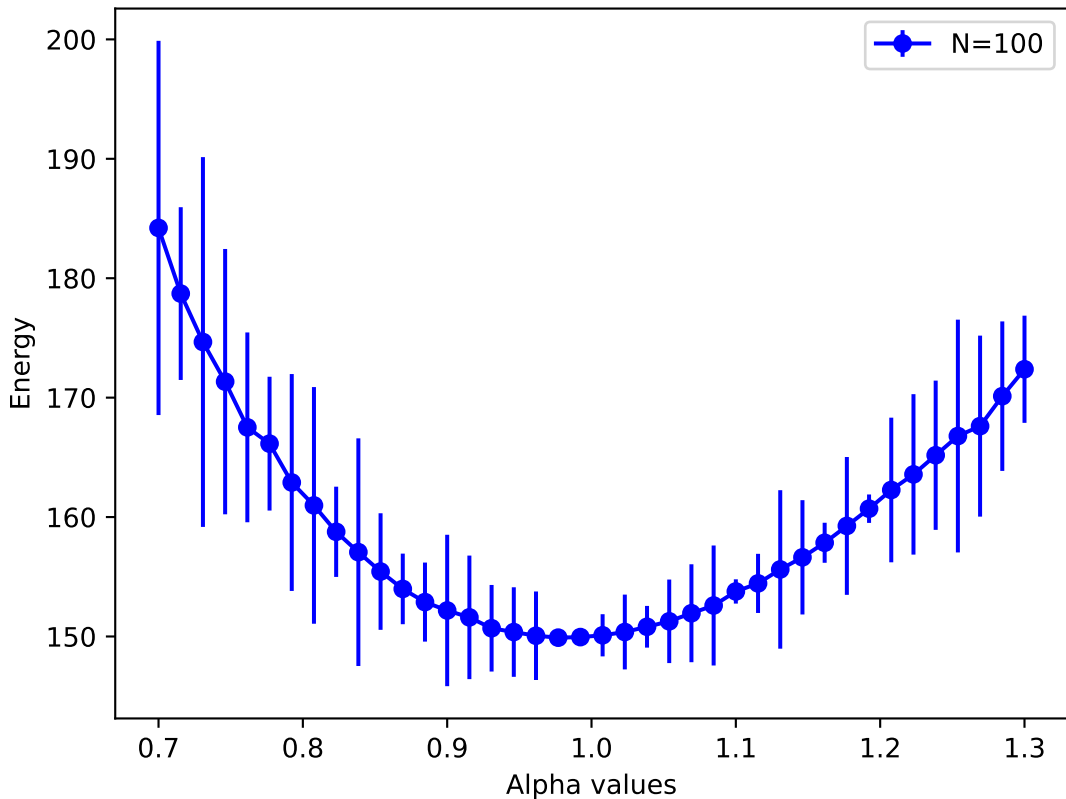
Optimal alpha: 0.9615  
 Minimum energy: 1.4981  
 Error: 0.0567  
 Rejection rate: 16.60%

Energy vs Alpha for N=10, D=3



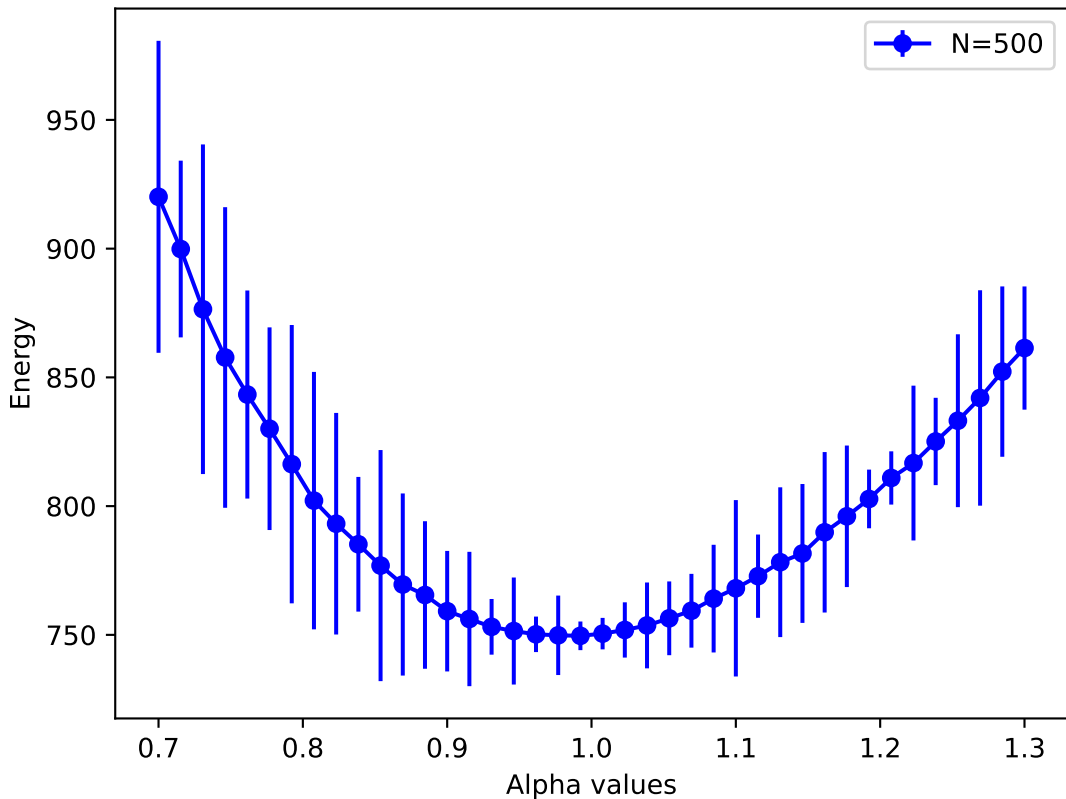
Optimal alpha: 0.9769  
Minimum energy: 14.9824  
Error: 0.4588  
Rejection rate: 8.52%

Energy vs Alpha for N=100, D=3



Optimal alpha: 0.9769  
Minimum energy: 149.9011  
Error: 0.5408  
Rejection rate: 3.33%

Energy vs Alpha for N=500, D=3



Optimal alpha: 0.9923  
Minimum energy: 749.6267  
Error: 5.5615  
Rejection rate: 1.36%