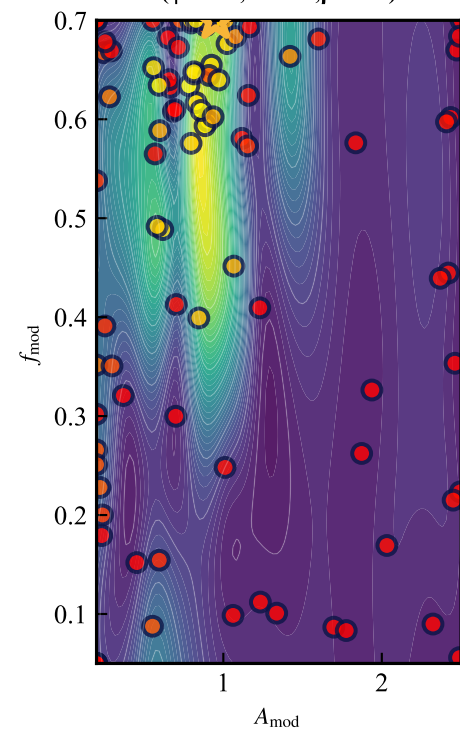
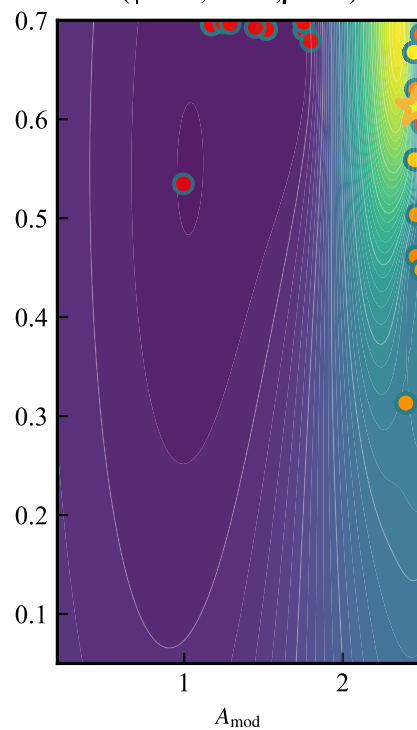


# 9D Parameter Space Visualization (Slices + t-SNE Reduction)

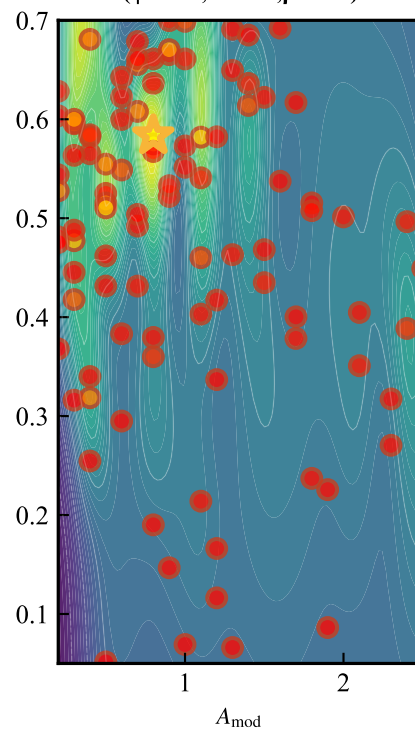
(a) Bayesian Optimization  
( $\varphi=6.28, \alpha=0.41, \beta=2.80$ )



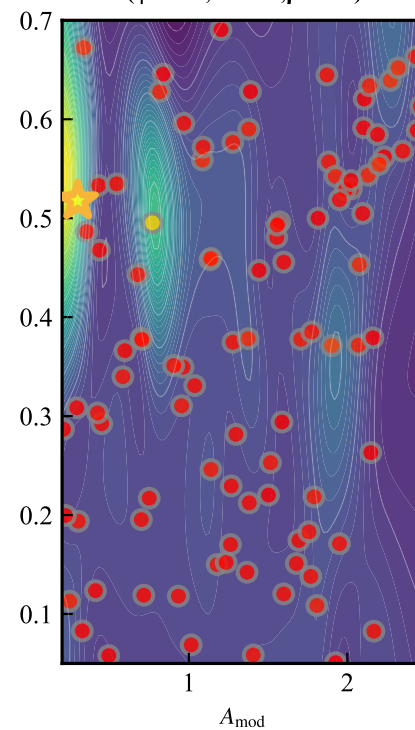
(b) CMA-ES  
( $\varphi=0.01, \alpha=1.48, \beta=0.74$ )



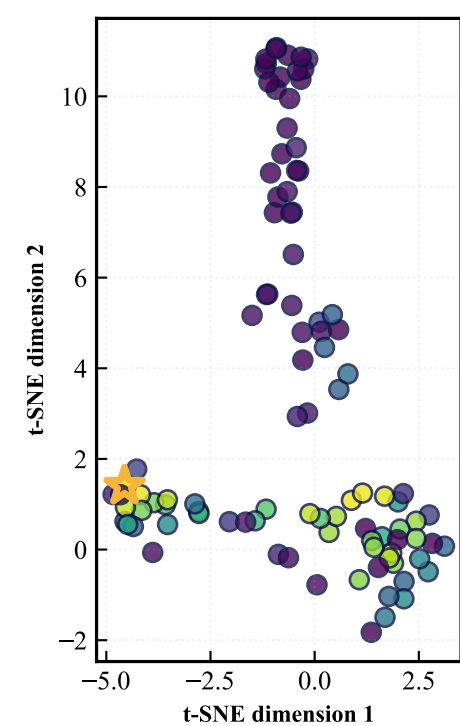
(c) TPE  
( $\varphi=1.70, \alpha=1.42, \beta=2.73$ )



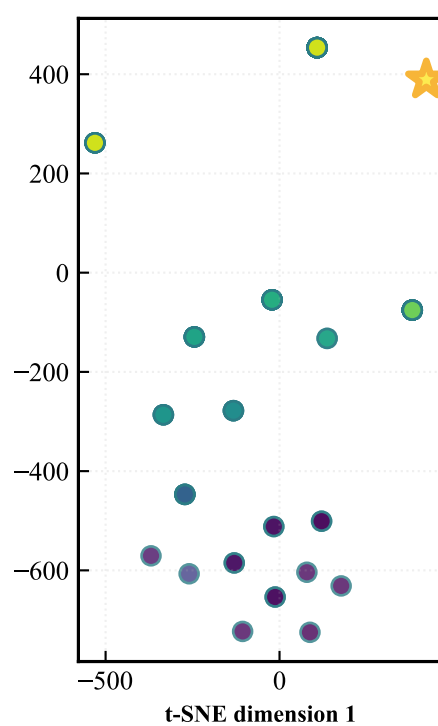
(d) Random Search  
( $\varphi=5.99, \alpha=0.43, \beta=0.88$ )



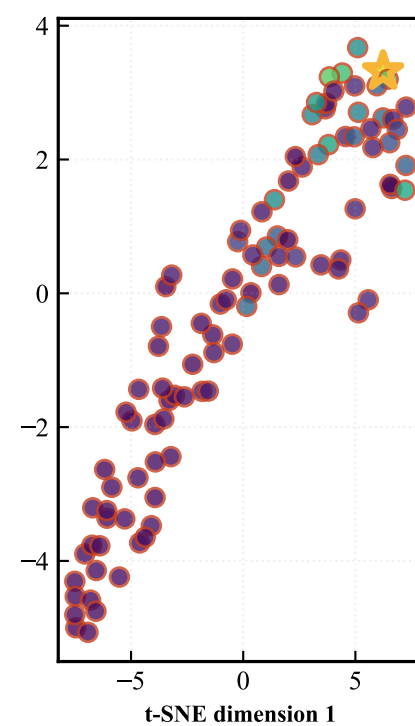
(e) Bayesian Optimization  
t-SNE 9D to 2D



(f) CMA-ES  
t-SNE 9D to 2D



(g) TPE  
t-SNE 9D to 2D



(h) Random Search  
t-SNE 9D to 2D

