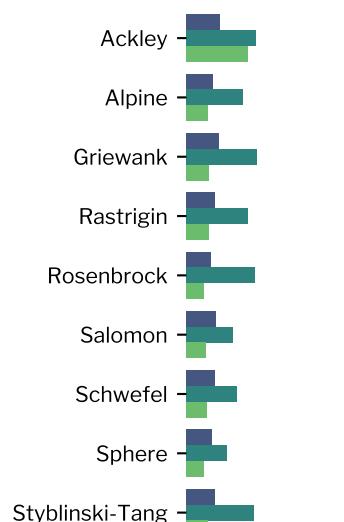
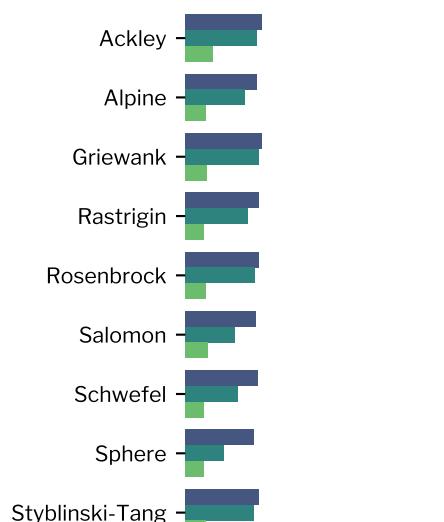


Pure PSO Vectorized PSO JAX PSO

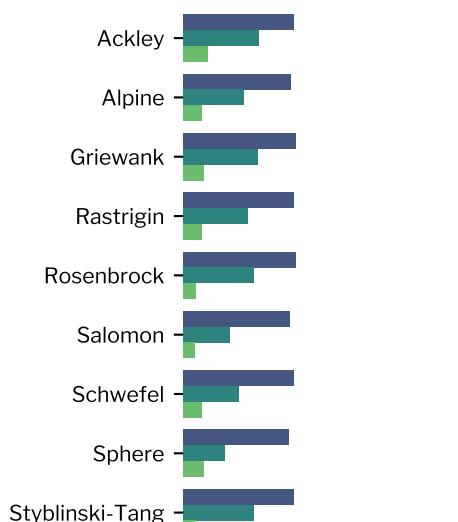
Execution Time Comparison (2D)



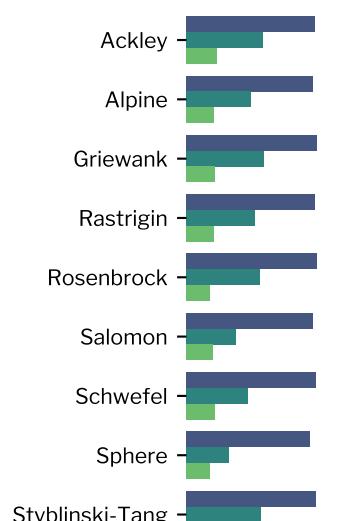
Execution Time Comparison (10D)



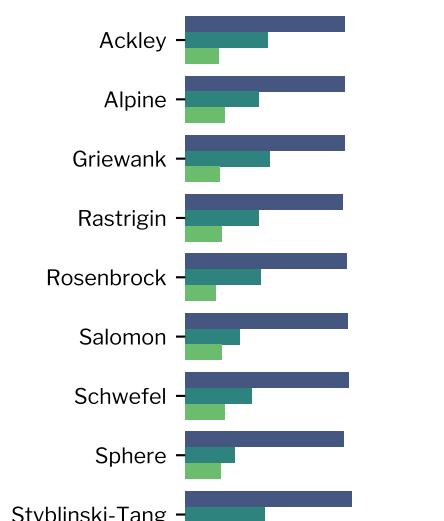
Execution Time Comparison (30D)



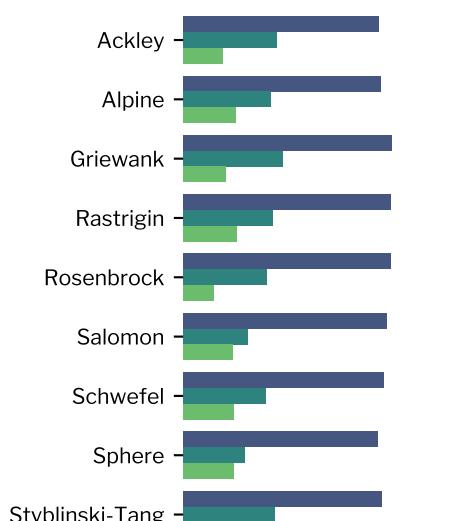
Execution Time Comparison (50D)



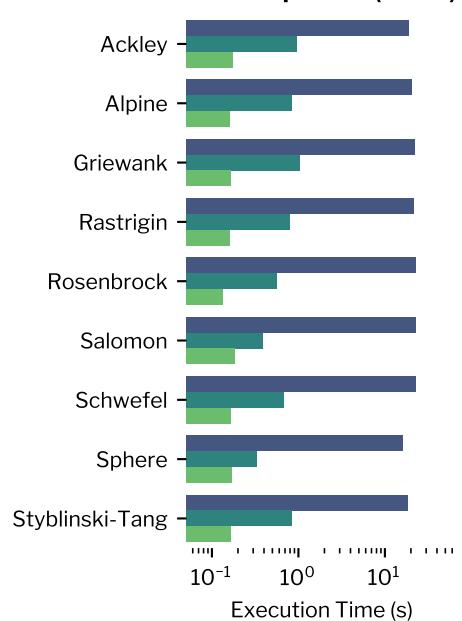
Execution Time Comparison (100D)



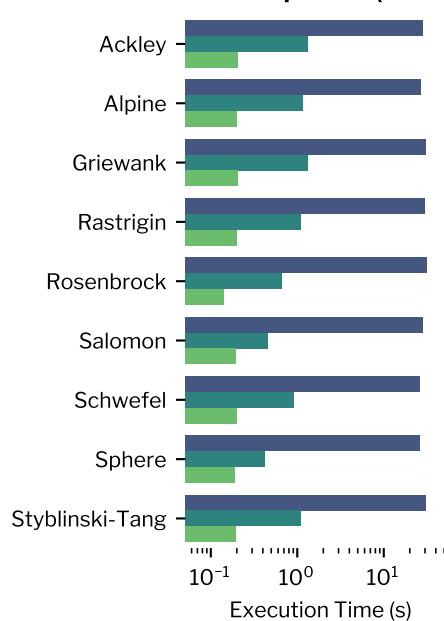
Execution Time Comparison (250D)



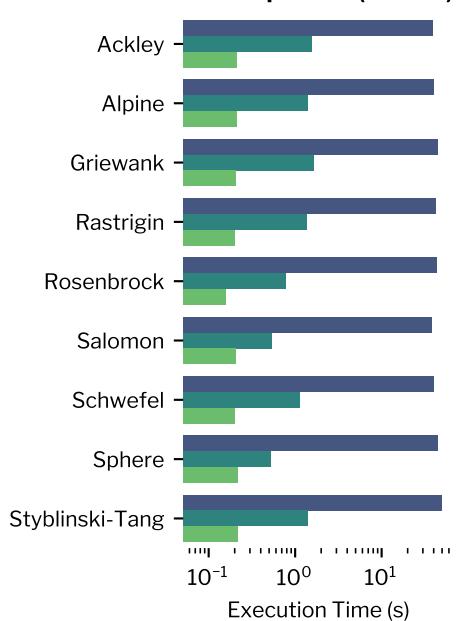
Execution Time Comparison (500D)



Execution Time Comparison (750D)



Execution Time Comparison (1000D)



Execution Time (s)

Execution Time (s)

Execution Time (s)