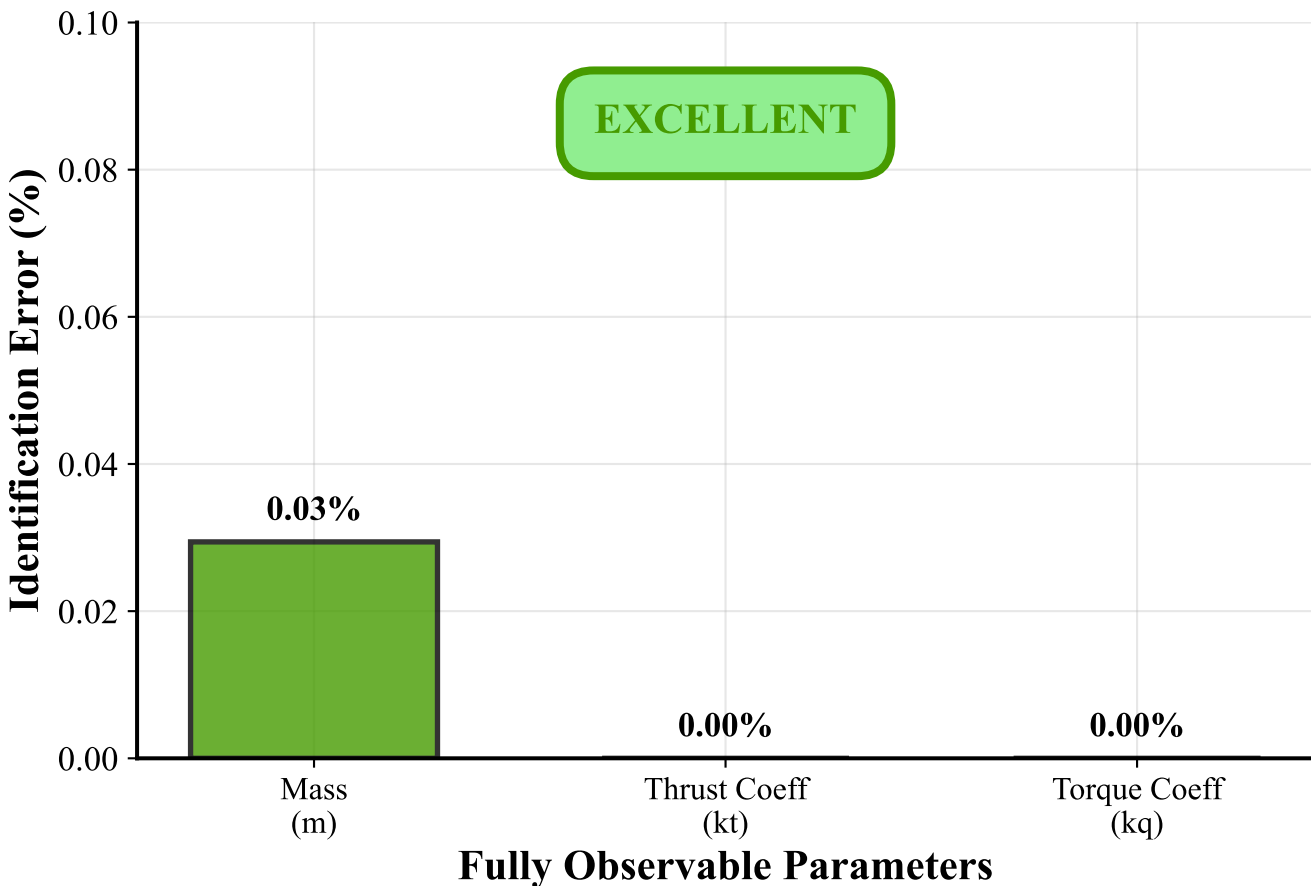


# Parameter Identification Performance: Optimized PINN v2

**Group 1: Perfect Identification**  
( $< 0.1\%$  error)



**Group 2: Observability-Limited**  
( $\sim 5\%$  error - fundamental limit)

