

Quantitative evidence at a glance

Legacy DTW similarity; deterministic frozen artifacts; control-step windows stated explicitly

400-step training cases		200-step unseen conditions	
Kármán SR range	0.833-0.952	Kármán: 4 points	0.836-0.988
Kármán mean SR / PPO	0.898 / 0.912	Illusion: 5 points	0.757-0.926
Illusion SR range	0.834-0.916	Evidence level	one realization / condition
Illusion mean SR / PPO	0.868 / 0.960	Scope	sampled interpolation + extrapolation

40-step term deletion: mean parent-relative change

K front term	K rear lift	K rear constant	I worst mean deletion
-0.009	-0.045	-0.143	-0.018

Read with care

- 40-step deletion, 200-step generalization, and 400-step training summaries answer different questions.
- Legacy DTW is an aligned trajectory-similarity metric—not causal proof or a physical delay estimate.
- Unseen conditions are pointwise deterministic runs; no continuous parameter law or uncertainty band is claimed.
- Offline action RMSE is intentionally omitted: imitation on PPO-visited states is not article performance.