

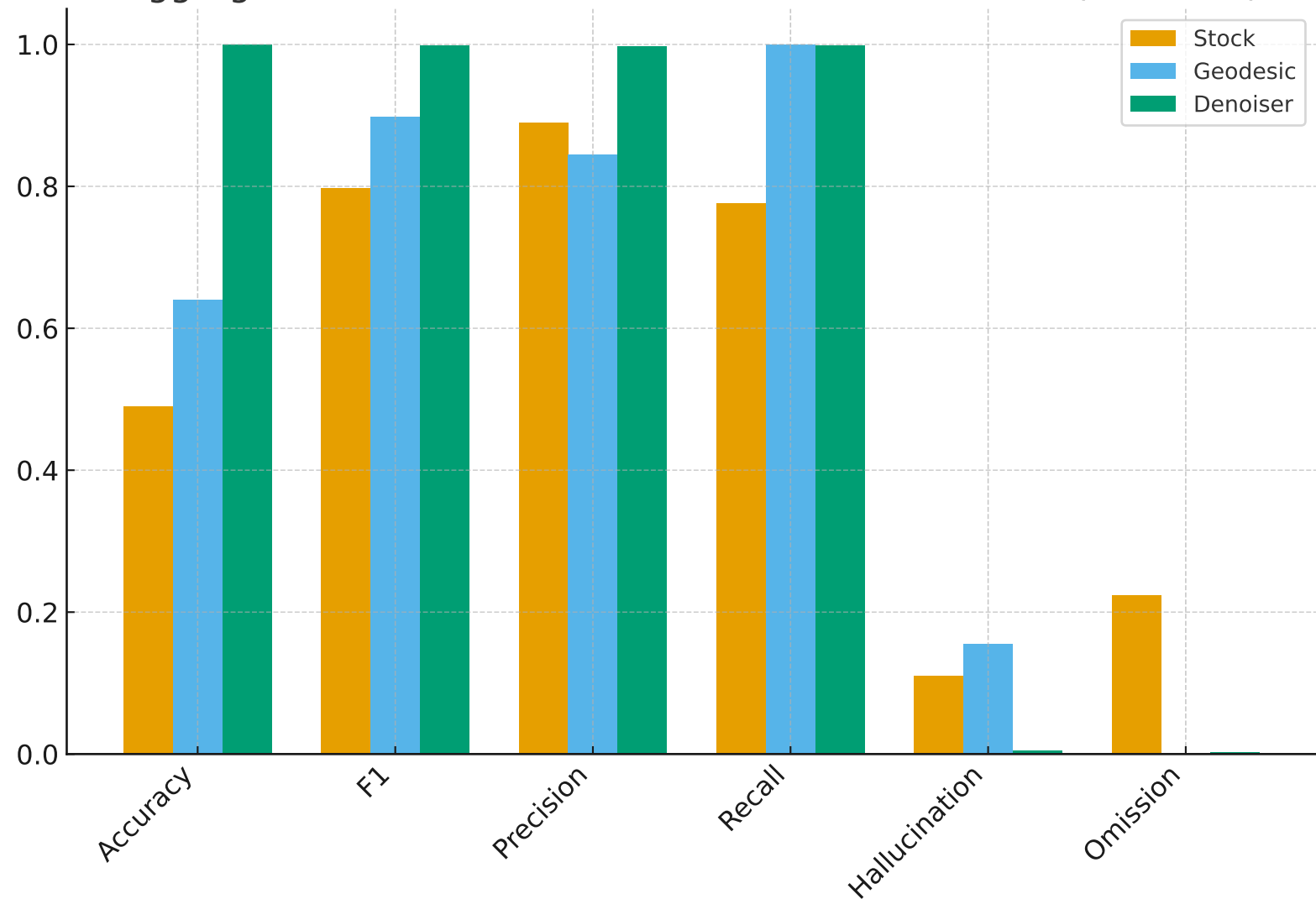
# Patent Results Brief

Stage 11 Doctrine — Latent ARC Benchmark (100 runs) Summary: • Denoiser path achieves 100/100 exact across five canonical latent wells. • Hallucination (~0.45%) and omission (~0.23%) are near the noise floor. • Baselines remain brittle: Geodesic 64/100, Stock 49/100 Exact. Aggregate (Warp → Detect → Denoise): 1) Warp: PCA→single-well manifold & fitted radial funnel priors. 2) Detect: matched-filter parsing with null thresholds. 3) Denoise: EMA+median smoothing, confidence gate, phantom guard, jitter averaging.

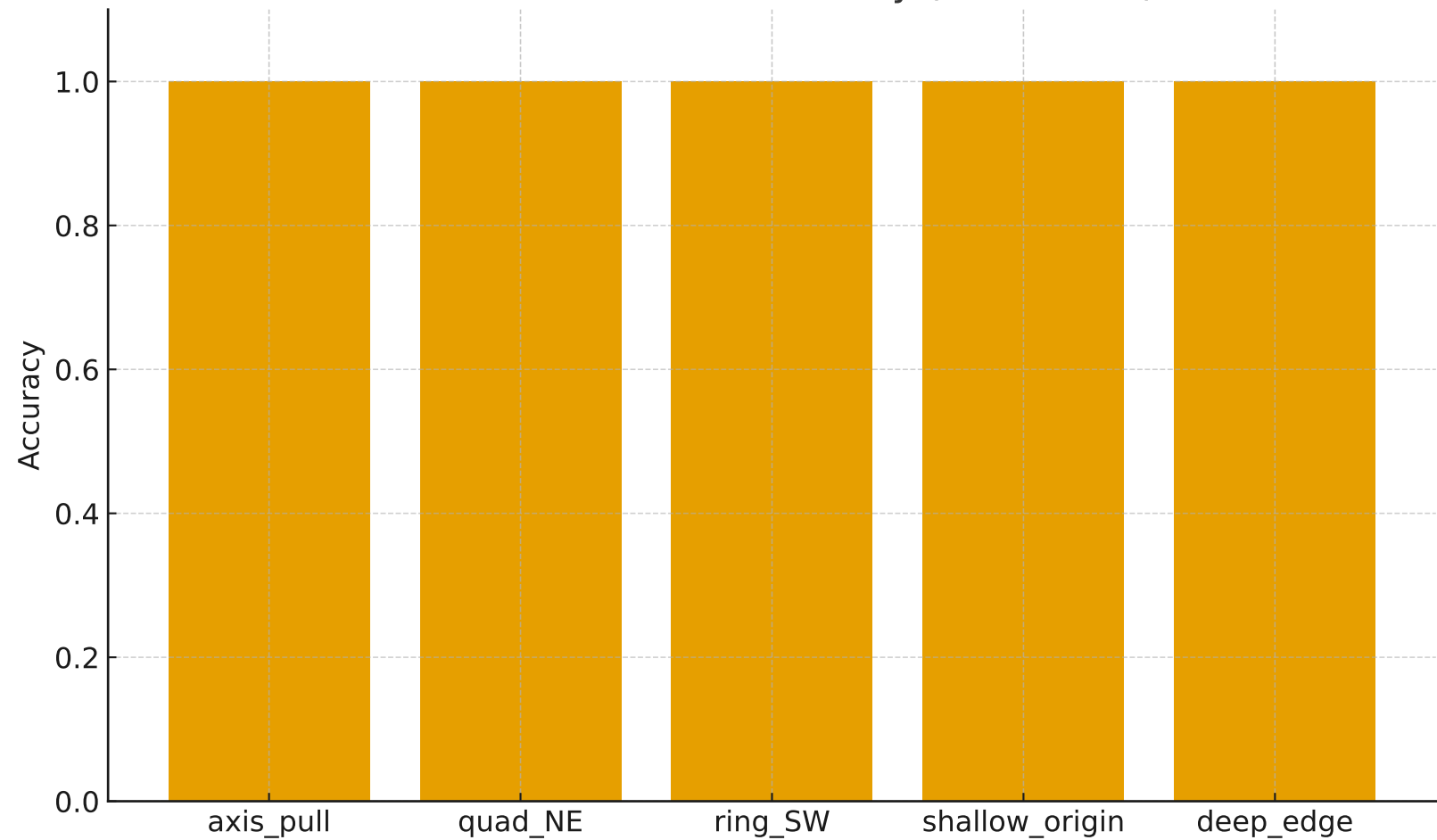
## Key Metrics (Aggregate):

Metric	Stock	Geodesic	Denoiser
Accuracy	0.490	0.640	1.000
F1	0.797	0.898	0.998
Precision	0.890	0.845	0.998
Recall	0.777	1.000	0.999
Hallucination	0.110	0.155	0.005
Omission	0.223	0.000	0.002

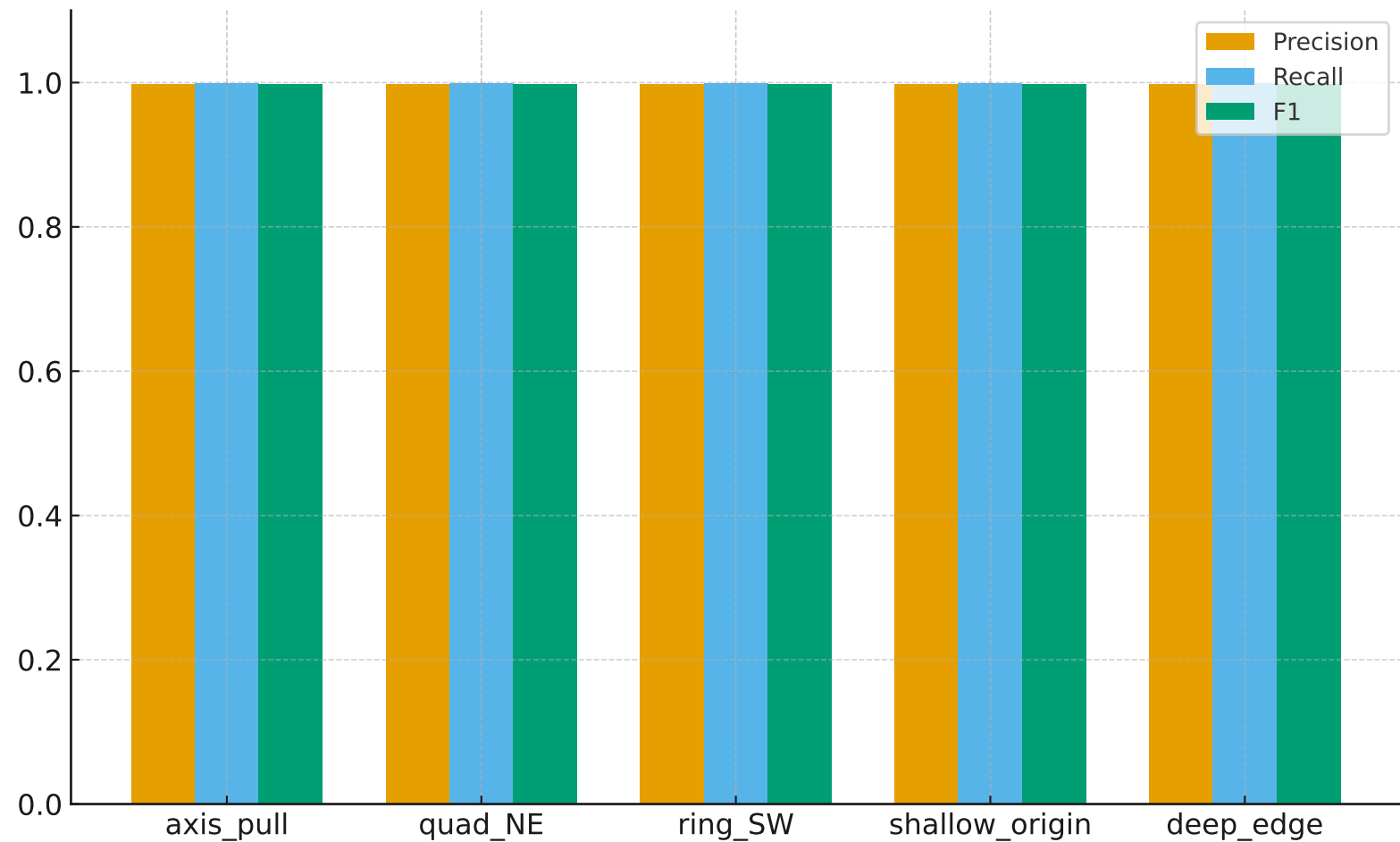
Aggregate metrics — Stock vs Geodesic vs Denoiser (100 runs)



Per-case Denoiser Accuracy (latent ARC)



Per-case Denoiser — Precision / Recall / F1



Per-case Denoiser — Hallucination / Omission

