

Proctor

Dataset

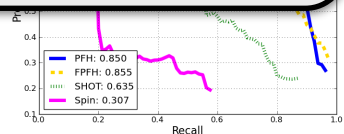
Features

Task

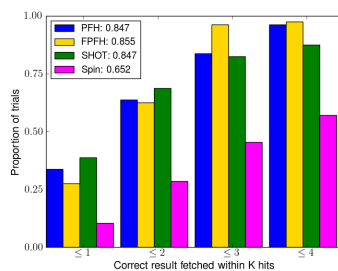
Dashboard

Metric	PFH	FPFH	SHOT	Spin
% Correct	86.25	87.50	73.75	49.35
AP	0.85	0.86	0.64	0.31
Avg. Rank	2.23	2.16	2.23	3.45
	0.85	0.85	0.85	0.65

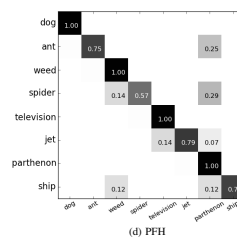
Measures of performance. The best number in bold.



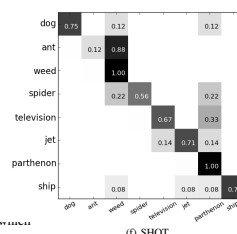
(b) Precision-Recall curves, generated by sorting trials by the final registration distances between scene and candidate models.



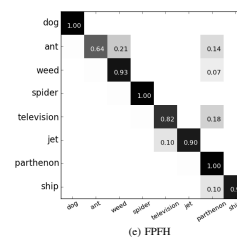
(c) Cumulative rank histogram shows the proportion of trials in the correct result was fetched by the features in the initial stage.



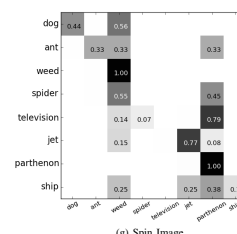
(d) PFH



(f) SHOT



(e) FPFH



(g) Spin Image