pySLAM Evaluation Report

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Table 1: Table Rmse

Dataset	baseline	root_sift	superpoint
00	3.947	3.24849	3.93432
01	21.60014	21.86468	23.37292
02	6.1194	5.6707	10.14455
03	5.96451	5.92601	5.88895
04	1.74556	1.76121	1.65506
05	2.13915	2.11047	2.52263
06	2.74011	2.73981	2.6784
07	1.12358	1.12823	1.09496
08	3.99078	4.13702	4.14543
09	4.26068	4.35988	4.06244
10	2.22097	2.25127	2.27694
Average	5.07744	5.01798	5.61605
Std Dev	5.47265	5.63609	6.77
Best (Average) Preset	root_sift		
Best (Average) Metric	5.01798		

Table 3: Table Max

Dataset	baseline	root_sift	superpoint
00	6.82983	5.8663	7.04067
01	33.32903	33.85867	36.62253
02	13.97623	9.47974	21.05188
03	10.16642	10.16978	10.06014
04	3.09135	3.0576	2.87271
05	3.81484	3.77687	4.9547
06	6.53758	5.14239	5.11673
07	1.84418	1.82355	1.8655
08	10.809	11.23635	10.75959
09	8.53888	8.70237	8.31166
10	4.13901	4.37849	4.27905
Average	9.37058	8.86292	10.26683
Std Dev	8.62548	8.62145	12.23529
Best (Average) Preset	root_sift		
Best (Average) Metric	8.86292		

Table 5: Table Percent Lost

Dataset	baseline	root_sift	superpoint
00	0.0	0.038	0.012
01	0.0	0.0	0.0
02	0.012	0.004	0.004
03	0.0	0.0	0.0
04	0.0	0.0	0.0
05	0.0	0.0	0.028
06	0.108	0.018	0.0
07	0.0	0.0	0.0
08	0.0	0.0	0.0
09	0.0	0.0	0.0
10	0.0	0.0	0.0
Average	0.01091	0.00545	0.004
Std Dev	0.07244	0.02373	0.0196
Best (Average) Preset	superpoint		
Best (Average) Metric	0.004		