Method		Runtime [ms]	e [ms] Position Errors [AU]						Log GT likelihood						Log GT Position likelihood					
	Method	mean	mean	25%	50%	75%	95%	99%	mean	1%	5%	25%	50%	75%	mean	1%	5%	25%	50%	75%
I	our STF, oracle a_k, b_k	0.1358	1.767	1.213	1.651	2.193	3.176	4.039	-5.378	-11.29	-9.101	-6.547	-5.119	-3.941	-1.243	-4.093	-2.878	-1.686	-1.106	-0.6410
II	our STF	0.2512	2.013	1.392	1.880	2.488	3.606	4.617	-6.045	-11.22	-9.540	-7.354	-5.934	-4.615	-1.923	-5.694	-4.050	-2.384	-1.671	-1.191
III	SSMKF-log-S Huang	1.938	2.060	1.435	1.930	2.544	3.662	4.661	-6.176	-13.71	-10.62	-7.439	-5.804	-4.504	-2.069	-7.119	-4.426	-2.450	-1.746	-1.284
IV	RKF Chang	0.1703	2.072	1.442	1.939	2.556	3.689	4.703	-6.194	-13.45	-10.28	-7.249	-5.783	-4.683	-2.266	-7.233	-4.508	-2.580	-1.931	-1.540
V	VBF Agamennoni	0.3000	3.022	1.496	2.014	2.656	3.850	5.001	-21.47	-16.71	-11.76	-7.827	-6.052	-4.769	$-4.04 \cdot 10^2$	-7.981	-4.757	-2.583	-1.861	-1.463
VI	gated Kalman Filter	0.06743	2.261	1.533	2.073	2.752	4.068	5.377	-6.990	-17.98	-12.53	-8.174	-6.282	-4.938	-3.213	-9.474	-5.430	-2.817	-1.995	-1.546
VII	ARKF Chang	0.3673	3.792	1.562	2.180	3.137	8.586	30.09	-13.72	-63.51	-18.12	-8.735	-6.582	-5.161	-15.24	-62.18	-9.862	-3.141	-2.179	-1.676
VIII	VBF Särkkä	0.3682	2.470	1.663	2.266	3.044	4.589	6.177	-7.013	-12.51	-10.28	-7.926	-6.728	-5.817	-4.073	-15.72	-8.634	-4.449	-3.232	-2.630
IX	STF Roth	0.09934	8.197	3.485	4.925	6.901	12.24	40.34	-21.37	-40.47	-35.21	-26.44	-20.70	-15.59	-3.512	-17.60	-10.84	-6.469	-3.400	-0.4240