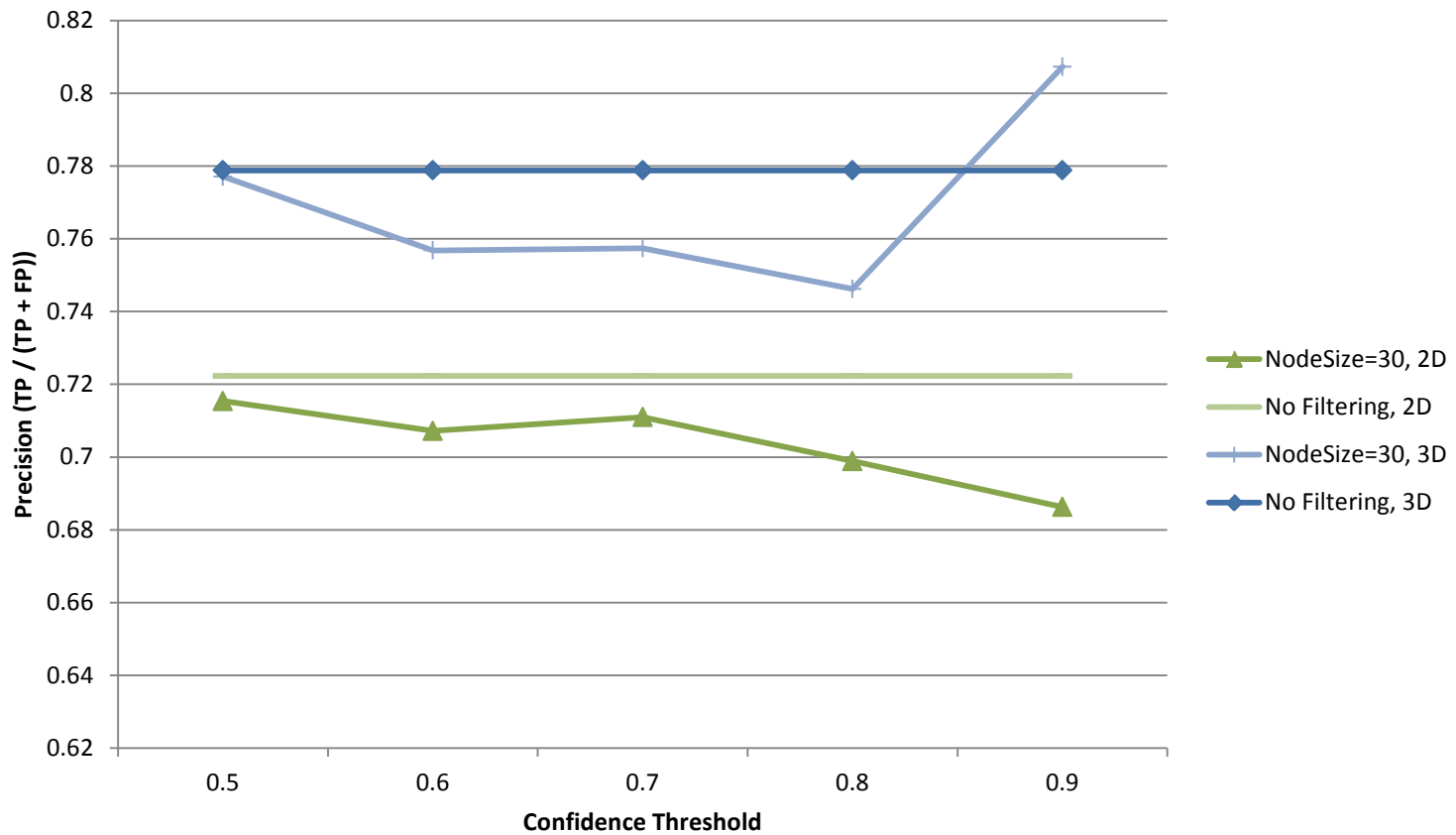


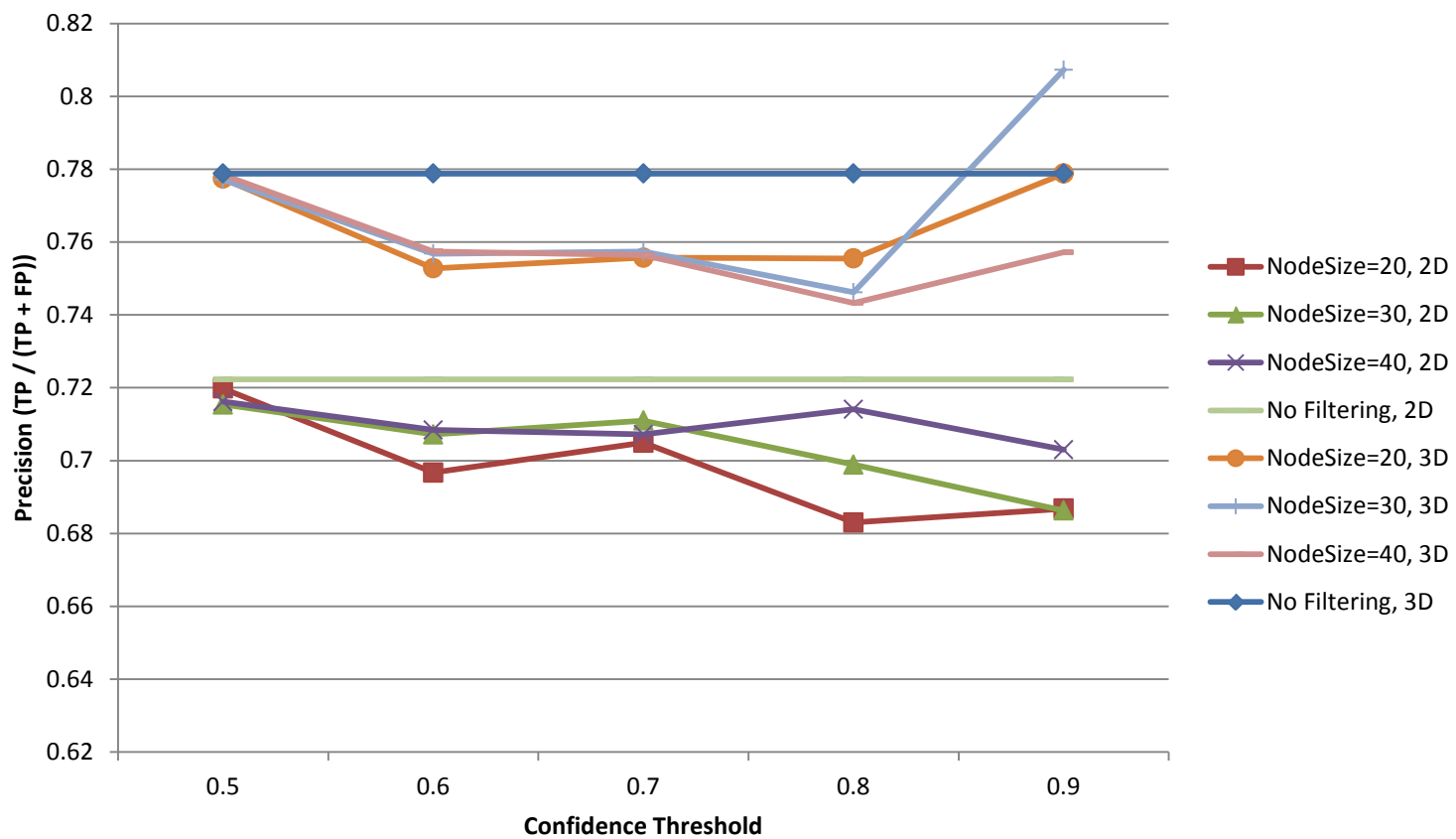
BinSize	Confidence	energy_30					energy_40					energy_50		
		AUC	err	precision	r recall	AUC	err	precision	r recall	AUC	err	precision	r recall	AUC
10	0.5	0.493	0.83	0.7166	0.8102	0.4523	0.0503	0.7312	0.991	0.4236	0.0562	0.7277		
10	0.6	0.5032	0.0746	0.6997	0.8044	0.4492	0.0425	0.7155	0.9856	0.4241	0.0528	0.7089		
10	0.7	0.4611	0.0762	0.7066	0.8101	0.4631	0.062	0.7165	0.9846	0.4167	0.0702	0.714		
10	0.8	0.4754	0.1248	0.6985	0.8024	0.4357	0.0719	0.7069	0.9837	0.4289	0.0921	0.7025		
10	0.9			0.7018	0.6304	0.464	0.1227	0.7042	0.958	0.4596	0.1516	0.6942		
10	1													
15	0.5	0.5025	0.0877	0.7226	0.7825	0.4566	0.0524	0.7317	0.9847	0.4326	0.0618	0.7278		
15	0.6	0.5055	0.0712	0.6937	0.7681	0.4525	0.0455	0.7185	0.9818	0.4337	0.0644	0.7129		
15	0.7	0.4754	0.1015	0.6978	0.7906	0.4578	0.0676	0.7173	0.9838	0.416	0.0863	0.7151		
15	0.8	0.4783	0.1216	0.6977	0.7595	0.444	0.0797	0.7029	0.9802	0.4569	0.1135	0.697		
15	0.9			0.7017	0.6487	0.4483	0.1529	0.6952	0.957	0.4981	0.201	0.6824		
15	1													
20	0.5	0.5024	0.0869	0.7198	0.7612	0.4585	0.0495	0.7309	0.9804	0.4367	0.0632	0.7269		
20	0.6	0.509	0.0728	0.6967	0.7395	0.4577	0.047	0.7184	0.98	0.4413	0.0623	0.7127		
20	0.7	0.4779	0.1079	0.7049	0.776	0.4582	0.0706	0.7228	0.9819	0.4115	0.0909	0.7205		
20	0.8	0.4698	0.0985	0.683	0.7354	0.4365	0.0931	0.6978	0.978	0.453	0.1208	0.6932		
20	0.9			0.6868	0.5807	0.508	0.1965	0.7114	0.9737	0.573	0.2568	0.6872		
20	1													
30	0.5	0.505	0.0839	0.7154	0.726	0.4581	0.0491	0.7306	0.9803	0.4378	0.065	0.7268		
30	0.6	0.512	0.0917	0.7072	0.7041	0.463	0.0475	0.7185	0.9794	0.4422	0.0607	0.7132		
30	0.7	0.4843	0.1018	0.711	0.7359	0.453	0.075	0.7206	0.9825	0.4032	0.0838	0.7187		
30	0.8	0.4934	0.1266	0.6989	0.6709	0.4321	0.108	0.6991	0.9756	0.4856	0.1377	0.6963		
30	0.9			0.6863	0.4873			0.7132	0.9745	k		0.7032		
30	1													
40	0.5	0.5095	0.085	0.7162	0.6967	0.4583	0.0486	0.7307	0.9804	0.4376	0.0639	0.7268		
40	0.6	0.5323	0.0887	0.7084	0.6976	0.4621	0.0484	0.7189	0.9799	0.4424	0.0602	0.7143		
40	0.7	0.5038	0.1057	0.7072	0.7158	0.4559	0.0717	0.7171	0.9836	0.4036	0.0831	0.7151		
40	0.8	0.5348	0.0894	0.7141	0.634	0.4709	0.1484	0.7222	0.9732	0.5111	0.1596	0.7093		
40	0.9			0.703	0.4903			0.7367	0.971			0.7295		
40	1													
3D			energy_30				energy_40				energy_50			

[illegible]

Precision vs. Confidence, Energy cutoff=30



**Precision vs. Confidence,
Energy cutoff=30**



energy_60					energy_30 (baseline)				energy_40 (baseline)		
recall	AUC	err	precision (r	recall	AUC	err	precision (r	recall	AUC	err	precision (r
0.9944	0.4351	0.043	0.7268	0.993	0.5573	0.0459	0.7223	0.3918	0.5183	0.04	0.7297
0.996	0.4294	0.0534	0.7093	0.9961			0.7223				
0.9965	0.4402	0.0702	0.7114	0.9906			0.7223				
0.9906	0.4666	0.0744	0.7018	0.9872			0.7223				
0.9765	0.4819	0.1713	0.6964	0.9751			0.7223				
					3D						
0.9937	0.4506	0.0477	0.7264	0.9899	0.6049	0.0276	0.7788	0.4342			
0.9942	0.4394	0.0619	0.7133	0.9946			0.7788				
0.9952	0.4484	0.0857	0.7118	0.9888			0.7788				
0.9847	0.4769	0.095	0.7016	0.9859			0.7788				
0.9691	0.5285	0.232	0.677	0.9756			0.7788				
0.9934	0.4538	0.0468	0.7255	0.9895							
0.9932	0.4454	0.063	0.7128	0.9941							
0.9955	0.4523	0.0836	0.7162	0.9881							
0.9833	0.4695	0.1223	0.6939	0.9855							
0.9232	0.6102	0.2437	0.6741	0.9706							
0.9933	0.455	0.0487	0.7253	0.9896							
0.9932	0.4456	0.056	0.7137	0.9944							
0.9947	0.4452	0.0778	0.7156	0.9881							
0.9792	0.4952	0.1489	0.6926	0.9833							
0.9705			0.6891	0.9736							
0.9933	0.4553	0.0472	0.7254	0.9896							
0.9934	0.4455	0.0566	0.7143	0.9945							
0.9949	0.442	0.066	0.7108	0.9885							
0.9802	0.5562	0.1503	0.7057	0.9816							
0.9693			0.7113	0.97							

energy_60

0.9869	0.4315	0.0403	0.7284	0.9907
0.9965	0.4231	0.0609	0.7135	0.9958
0.9885	0.427	0.0622	0.7071	0.9882
0.9851	0.4758	0.094	0.7055	0.988
0.9842	0.4847	0.1334	0.6811	0.9789

0.9834	0.4363	0.0442	0.7278	0.9901
0.9915	0.438	0.0684	0.7145	0.994
0.9823	0.4344	0.0772	0.7058	0.9842
0.9758	0.5132	0.0995	0.6914	0.9787
0.9763	0.5289	0.195	0.6778	0.9752

0.9827	0.4386	0.044	0.7273	0.989
0.9905	0.4445	0.0679	0.7175	0.9934
0.9836	0.4365	0.0807	0.7117	0.9847
0.9775	0.517	0.1179	0.6878	0.9776
0.9719	0.5635	0.2117	0.6786	0.9707

0.9828	0.4409	0.0448	0.7265	0.9891
0.9906	0.439	0.0703	0.718	0.9937
0.9836	0.4366	0.0814	0.7116	0.9845
0.9733	0.5374	0.1433	0.6846	0.975
0.9704	0.627	0.2227	0.6891	0.9673

0.9828	0.4406	0.0447	0.7265	0.9891
0.9908	0.4374	0.0684	0.7179	0.9938
0.9844	0.4314	0.0811	0.7084	0.9854
0.9702	0.5461	0.1669	0.6874	0.9721
0.9586			0.6851	0.9595

energy_50 (baseline)					energy_60 (baseline)				
recall	AUC	err	precision (r	recall	AUC	err	precision (r	recall	
0.964	0.4753	0.038	0.7266	0.9854	0.476	0.0327	0.725	0.9858	