

Table 1: Log-likelihood between different models

	noIGC logL	Xiang -noIGC llDiff	$\omega_h(\tau=0)$ -noIGC llDiff	ω_h -noIGC llDiff
211	-12468.608	59.843402	9.3511971	110.000442
214	-14169.975	35.818028	11.4200250	77.745446
222	-16833.647	48.267193	9.5168509	88.916543
223	-10290.475	36.736295	7.4409576	64.662021
337	-7613.112	63.034329	1.4854071	71.468770
479	-24527.932	46.602644	17.6744783	95.551703
521	-10536.102	133.911052	27.1495011	243.130962
526	-10730.380	47.214185	8.1187562	71.271078
561	-4211.349	17.158276	0.5056699	20.240719
735	-33458.082	93.642397	13.9325055	165.162874
755	-3005.873	11.202716	0.3298448	11.318539
852	-4533.439	13.412504	2.7870185	17.276076
1050	-8762.097	8.333208	3.8395653	17.656245
1053	-10262.646	16.731855	23.0631268	64.744099
1215	-8729.152	3.546403	12.8293224	26.188072
2129	-14952.056	46.286810	0.3405124	54.714251
2158	-21022.402	106.762988	3.3795024	152.941294
2210	-11931.671	100.260168	23.7935699	209.816216
2214	-17709.443	51.294554	8.7456965	74.165383
2321	-4926.177	22.100220	5.8087899	33.025591
2358	-7836.751	8.146023	16.2945855	36.807837
2371	-9100.984	19.483483	24.5921654	66.218119
2382	-14997.900	47.443113	11.1044561	83.990257
2861	-4310.619	11.103529	4.6441131	24.260275
3278	-1405.587	3.669650	0.0059152	3.952036
3295	-5885.173	40.481229	11.3266768	69.237259
3309	-3478.930	28.294443	5.9581650	62.211928
3337	-16556.188	75.114424	1.0775177	88.324062
3346	-21735.003	85.743834	12.9093492	156.532251
3347	-10445.260	63.244951	7.9210874	105.147418
3390	-7759.837	25.772834	7.4859106	48.321568
3994	-5944.141	165.313035	2.4118747	250.350264
4025	-32246.078	109.055211	21.8982654	183.435422
4031	-6425.254	24.507925	0.4692123	26.729137
4063	-6773.371	110.325986	15.0447929	233.508435
4268	-3472.532	3.738853	0.1678028	4.927962
4287	-2570.061	7.701308	0.4961525	8.771259
4494	-7158.980	46.169332	0.6478796	58.602603
4553	-9428.021	50.152863	12.5652322	100.050762
4570	-13115.419	70.889026	7.3450010	102.221420
4932	-19694.173	137.330544	17.9478783	181.037545
5153	-2975.333	11.357014	3.4864533	18.813692
5233	-16803.634	61.213828	0.0125848	68.761234
5316	-52919.681	139.400455	66.6173851	328.355313
5550	-7464.716	25.755685	3.6520262	43.635273