

Table S3. Melting point, CLogP, KLog P, and estimated in silico solubility parameters for 185 drugs.

Drug	reference literature solubility, mg/mL	maximum dose strength (mg)	melting point, °C (Merck Index)	molecular weight	CLogP (BioLoom 5.0)	in silico solubility (mg/mL) based on CLogP (BioLoom 5.0) and experimental melting point	lowest solubility, CLogP (BioLoom 5.0) and experimental melting point	in silico dose number, CLogP (BioLoom 5.0) and experimental melting point	in silico solubility (mg/mL) based on CLogP (BioLoom 5.0) and average melting point	lowest solubility, CLogP (BioLoom 5.0) and average melting point	in silico dose number, CLogP (BioLoom 5.0) and average melting point	KLogP
abacavir sulfate	22.9	300	165	286.33	0.81	11.57	10	0.12	12.1937378	10	0.12	0.99
aceclofenac	0.01	100	149.5	354.19	4.74	0	0.01	40	0.00177217	0.01	40	3.05
acetaminophen	0.1	1000	169.7	151.16	0.49	11.47	10	0.4	13.449523	10	0.4	0.7
acyclovir	1	800	256.7	225.2	-2.42	1910.9	1000	0	16286.8984	1000	0.0032	-1.03
albendazole	0.01	400	209	265.34	3.46	0.01	0.01	160	0.02529722	0.01	160	1.06
alibendol	10	100	95	251.28	1.81	5.01	1	0.4	1.07010877	1	0.4	0.98
alprazolam	0.01	2	228.2	308.77	2.55	0.05	0.01	0.8	0.23927928	0.1	0.08	3.5
amiloride hydrochloride	1	5	241	229.63	0.11	8.22	1	0.02	49.0115713	33	0.00060606	-0.58
anastrozole	0.1	1	81.5	293.37	1.48	17	10	0	2.67107265	1	0.004	2.44
atenolol	1	100	147	266.34	-0.11	134.94	100	0	94.342286	33	0.01212121	1.33
atropine sulfate	1	1	115	289.37	1.3	11.83	10	0	3.98770942	1	0.004	2.38

azithromycin hydrate	0.01	600	114	748.98	2.64	1.43	1	2.4	0.47178075	0.1	24	2.88
azulene sulfonate sodium	10	2	44.7	128.17	3.32	0.25	0.1	0.08	0.01686772	0.01	0.8	2.42
benazepril hydrochloride	33	40	148.5	424.49	1.82	2.44	1	0.16	1.7665969	1	0.16	2.85
benznidazole	0.4	100	188.7	260.25	0.9	4.98	1	0.4	9.00867124	10	0.04	0.26
bicalutamide	0.005	150	192	430.38	2.71	0.12	0.1	6	0.23073957	0.1	6	1.76
biperiden hydrochloride	0.01	2	101	311.46	4.94	0	0.01	0.8	0.00098327	0.01	0.8	4.23
bisacodyl	0.01	5	138	361.39	2.85	0.25	0.1	0.2	0.1403609	0.1	0.2	3.18
brotizolam	0.01	0.25	213	393.7	2.71	0.07	0.01	0.1	0.21107433	0.1	0.01	2.79
cabergoline	0.01	4	103	451.6	4.17	0.03	0.01	1.6	0.00839506	0.01	1.6	3.7
candesartan cilexetil	0.01	16	184	440.45	7.08	0	0.01	6.4	1.0073E-05	0.01	6.4	2.54
capecitabine	26	500	115.5	359.35	-2.73	155620.8	1000	0	53062.4929	1000	0.002	-0.2
captopril	10	25	103.5	217.29	0.89	29.67	10	0.01	7.69679182	1	0.1	0.5
carbamazepine	0.01	400	191.5	236.27	2.38	0.14	0.1	16	0.27081866	0.1	16	2.54
carvedilol	0.01	25	114.5	406.47	4.04	0.03	0.01	10	0.01019292	0.01	10	3.32
celecoxib	0.01	400	158	381.38	4.37	0	0.01	160	0.0044733	0.01	160	1.99

cetirizine hydrochloride	33	10	112.5	388.9	2.08	2.79	1	0.04	0.88942215	0.1	0.4	3.69
chloramphenicol	1	250	151	323.13	1.28	6.09	1	1	4.66280529	1	1	1.05
chloroquine phosphate	0.1	150	87	319.88	5.06	0	0.01	60	0.00076605	0.01	60	3.98
cilazapril	5	2.5	96	417.5	1.47	17.79	10	0	3.8897929	1	0.01	2.03
cilostazol	0.01	100	159.9	369.46	3.53	0.03	0.01	40	0.0299804	0.01	40	2.28
cimetidine	1	200	142	252.35	0.38	46.37	33	0.02	28.9249961	10	0.08	0.51
clarithromycin	0.01	500	223.5	747.95	2.37	0.22	0.1	20	0.87728876	0.1	20	2.76
clofazimine	0.01	100	211	473.41	7.7	0	0.01	40	2.5972E-06	0.01	40	6.56
clonidine hydrochloride	33	0.3	130	230.1	1.43	4.95	1	0	2.35064269	1	0.0012	2.52
clozapine	0.01	100	183.5	326.83	3.71	0.01	0.01	40	0.01752233	0.01	40	3.71
codeine phosphate	1	30	155	299.36	0.98	10.27	10	0.01	8.61913673	1	0.12	2.64
cyclophosphamide	33	25	43	261.1	0.8	174.22	100	0	11.3782867	10	0.01	0.63
cyclosporin a	0.01	100	149.5	1202.61	14.36	0	0.01	40	1.4434E-12	0.01	40	5.71
cyproterone acetate	0.01	100	238.7	374.91	3.42	0.01	0.01	40	0.03919196	0.01	40	4.56
dapsone	0.01	100	175.5	248.31	0.89	6.57	1	0.4	8.79557447	1	0.4	1.39
desloratadine	1	5	150.5	310.83	3.83	0.02	0.01	2	0.01264133	0.01	2	4.59

dexamethasone	0.01	0.5	263	392.46	1.79	0.18	0.1	0.02	1.75011021	1	0.002	2.65
diazepam	0.01	5	125.5	284.75	2.96	0.2	0.1	0.2	0.0858487	0.01	2	3.43
diclofenac sodium	0.1	25	157	296.15	4.73	0	0.01	10	0.00151629	0.01	10	3.47
didanosine	10	200	161.5	236.23	-1.92	5552.46	1000	0	5402.62781	1000	0.0008	-0.49
diethylcarbamazine citrate	750	100	48	199.29	1.62	17.96	10	0.04	1.31448461	1	0.4	0.94
diloxanide furoate	0.1	500	175	234.08	1.77	0.83	0.1	20	1.0930356	1	2	2.25
domperidone maleate	0.1	10	242.5	425.92	4.27	0	0.01	4	0.00628924	0.01	4	3.44
doxifluridine	33	200	189.5	246.19	-1.19	569.14	100	0.01	1048.43234	1000	0.0008	-0.84
efavirenz	0.01	600	140	315.68	3.73	0.03	0.01	240	0.01616282	0.01	240	2.27
epalrestat	0.01	50	213.5	319.4	2.43	0.1	0.1	2	0.32629086	0.1	2	2.04
epinastine hydrochloride	100	20	206.5	249.31	3.01	0.02	0.01	8	0.06698996	0.01	8	2.9
eprosartan mesylate	0.01	600	260.5	424.52	4.8	0	0.01	240	0.00184998	0.01	240	3.12
ergometrine(ergonovine) maleate	1	0.2	162	325.4	1.23	5.35	1	0	5.26850684	1	0.0008	2.69

erythromycin	0.01	250	137.5	733.92	1.61	8.8	1	1	4.95357477	1	1	2.53
ethylsuccinate												
ethambutol hydrochloride	10	400	88.1	204.31	0.12	233.4	100	0.02	42.6147185	33	0.04848485	0.55
ethinyl estradiol	0.01	1	143.5	296.4	3.86	0.02	0.01	0.4	0.01124989	0.01	0.4	3.88
ethosuximide	100	250	64.5	141.17	0.39	148.32	100	0.01	15.8129324	10	0.1	0.44
etizolam	0.01	1	147.5	342.85	2.87	0.18	0.1	0.04	0.12716692	0.1	0.04	3.53
ezetimibe	0.01	10	165	409.42	3.96	0.01	0.01	4	0.01234352	0.01	4	3.91
famciclovir	33	250	103	321.33	0.08	286.58	100	0.01	73.48882	33	0.03030303	-0.05
famotidine	0.1	40	163.5	337.45	0.58	23.96	10	0.02	24.4050349	10	0.016	-1.1
fenofibrate	0.01	267	80.5	360.84	5.23	0	0.01	106.8	0.00058423	0.01	106.8	3.41
fexofenadine hydrochloride	1	180	196	501.65	1.96	0.71	0.1	7.2	1.51241444	1	0.72	5.53
finasteride	0.1	5	253	372.54	3.01	0.01	0.01	2	0.10010204	0.1	0.2	3.91
fluconazole	1	200	139	306.27	-0.44	398.11	100	0.01	231.939362	100	0.008	0.57
flurbiprofen	0.01	40	110.5	244.26	3.75	0.04	0.01	16	0.01194325	0.01	16	2.61
furosemide	0.01	40	206	330.75	1.9	0.43	0.1	1.6	1.14490606	1	0.16	0.7

gabapentin	100	800	164	171.24	-0.66	208.93	100	0.03	215.216329	100	0.032	0.9
gliclazide	0.01	80	181	323.42	1.09	4.76	1	0.32	7.22831171	1	0.32	1.31
glimepiride	0.01	4	207	490.62	3.96	0.01	0.01	1.6	0.0147916	0.01	1.6	2.22
glipizide	0.01	10	208.5	445.54	2.57	0.12	0.1	0.4	0.32972866	0.1	0.4	1.67
glyburide	0.01	6	169.5	494.01	4.24	0.01	0.01	2.4	0.00781638	0.01	2.4	2.99
griseofulvin	0.01	250	220	352.77	2.05	0.23	0.1	10	0.86449333	0.1	10	2.03
haloperidol	0.01	5	148.7	375.87	3.85	0.02	0.01	2	0.01459848	0.01	2	4.37
hydrochlorothiazide	0.01	100	274	297.74	-0.36	14.83	10	0.04	187.545731	100	0.004	-0.34
ibuprofen	0.01	600	76	206.28	3.68	0.09	0.01	240	0.01185024	0.01	240	2.19
imatinib mesylate	0.049	400	212	493.6	4.53	0	0.01	160	0.00400539	0.01	160	4.29
imidapril hydrochloride	33	10	139.5	405.44	1.53	5.58	1	0.04	3.29000527	1	0.04	1.11
indapamide	0.01	2.5	161	365.84	2.96	0.11	0.1	0.1	0.11029636	0.1	0.1	2.24
indinavir sulfate	0.015	400	153.5	613.79	3.68	0.04	0.01	160	0.03526061	0.01	160	2.2
irbesartan	0.01	300	180.5	428.53	6.04	0	0.01	120	0.00010746	0.01	120	3.64
isoniazid	100	300	171.4	137.14	-0.67	144.65	100	0.01	176.37383	100	0.012	0.04
isotretinoin	0.01	40	174.5	300.43	6.74	0	0.01	16	1.5032E-05	0.01	16	3.86
itraconazole	0.01	100	166.2	705.65	5.99	0	0.01	40	0.00019855	0.01	40	5.36
ketoprofen	0.01	50	94	254.28	2.76	0.58	0.1	2	0.12150166	0.1	2	2.5
ketotifen fumarate	1	1	152.5	309.43	3.59	0.03	0.01	0.4	0.02186918	0.01	0.4	3.84

lamivudine	33	300	161	229.26	-1.46	1889.85	1000	0	1818.01846	1000	0.0012	-0.35
l- carbocysteine	0.1	500	205.5	179.2	-2.61	7566.38	1000	0	20072.8022	1000	0.002	-0.9
letrozole	0.01	2.5	182	285.3	1.43	1.88	1	0.01	2.91455175	1	0.01	2.49
levamisole hydrochloride	33	150	60.7	204.3	1.84	8.3	1	0.6	0.81196698	0.1	6	2.05
levetiracetam	1040	750	117	170.21	-0.34	290.19	100	0.03	102.389417	100	0.03	0.35
levodopa	1	500	285	197.19	-2.82	2204.88	1000	0	35822.4172	1000	0.002	0.03
levonorgestrel	0.01	0.75	236	312.44	3.5	0.01	0.01	0.3	0.02716668	0.01	0.3	4.1
levosulpiride	0.01	25	186	341.43	1.11	4.28	1	0.1	7.28738439	1	0.1	0.85
limaprost alfadex	100	0.005	98.5	380.52	3.44	0.16	0.1	0	0.03798809	0.01	0.002	2.95
linezolid	1	600	182	337.35	0.17	40.39	33	0.07	62.7120091	33	0.07272727	0.96
lopinavir	0.01	133.3	125.5	628.8	6.09	0	0.01	53.32	0.00014053	0.01	53.32	5.3
loratadine	0.01	10	135	382.89	5.05	0	0.01	4	0.0009383	0.01	4	4.4
lorazepam	0.08	5	167	321.16	2.37	0.34	0.1	0.2	0.37669638	0.1	0.2	3.41
losartan potassium	100	100	184	422.92	3.85	0.01	0.01	40	0.01642586	0.01	40	3.59
loxoprofen sodium	1000	60	109.7	246.3	1.97	2.43	1	0.24	0.72566205	0.1	2.4	2.23
manidipine hydrochloride	0.01	20	126.5	610.7	7.02	0	0.01	8	1.6036E-05	0.01	8	4.86

mebendazole (chewable)	0.01	500	288.5	295.29	3.08	0	0.01	200	0.06753342	0.01	200	1.56
medroxyprogesterone acetate	0.01	10	221.7	344.49	3.66	0.01	0.01	4	0.02072271	0.01	4	3.87
metoclopramide hydrochloride	0.01	10	147.2	299.8	2.23	0.69	0.1	0.4	0.48540207	0.1	0.4	2.12
metronidazole	1	500	159	171.15	-0.46	147.66	100	0.02	135.720954	100	0.02	-0.89
mirtazapine	1	45	115	265.35	2.81	0.34	0.1	1.8	0.11300277	0.1	1.8	3.12
modafinil	0.01	200	165	273.36	0.94	8.19	1	0.8	8.62988415	1	0.8	2.43
morphine sulfate	33	10	197	285.34	0.57	9.66	1	0.04	21.1170212	10	0.004	2.4
mosapride citrate	0.01	5	152	421.9	3.44	0.05	0.01	2	0.04211914	0.01	2	3.27
nabumetone	0.01	500	80	228.29	2.98	0.43	0.1	20	0.06572898	0.01	200	2.7
nalidixic acid	0.01	500	229.5	232.23	1.02	1.33	1	2	6.09801267	1	2	0.9
nevirapine	0.01	200	248	266.3	2.65	0.02	0.01	80	0.16392348	0.1	8	1.89
nicergoline	0.01	30	137	484.39	4.07	0.02	0.01	12	0.01133614	0.01	12	3.17
niclosamide (chewable)	0.01	500	227.5	327.12	4.34	0	0.01	200	0.00411128	0.01	200	2.01
nicorandil	10	5	92.5	211.17	0.75	51.15	33	0	10.3252891	10	0.002	-0.85

nicotinami de	100	50	129.5	122.12	-0.21	116.07	100	0	54.4573866	33	0.00606061	0.36
nifedipine	0.01	10	173	346.33	3.12	0.06	0.01	4	0.07223707	0.01	4	0.73
nifurtimox	33	250	181	287.3	0.02	49.71	33	0.03	75.4406855	33	0.03030303	-0.79
nilvadipine	0.01	4	149	385.37	3.04	0.13	0.1	0.16	0.09663799	0.01	1.6	0.87
nimesulide	0.01	100	143.7	308.31	3.21	0.08	0.01	40	0.05227062	0.01	40	0.28
nizatidine	10	150	131	331.46	-0.16	271.35	100	0.01	131.734985	100	0.006	0.43
norethindr one (norethiste rone)	0.01	1	203.5	298.42	2.97	0.03	0.01	0.4	0.08792207	0.01	0.4	3.87
norgestima te	0.01	0.25	216	369.5	5.06	0	0.01	0.1	0.00088488	0.01	0.1	3.81
olanzapine	0.01	20	195	312.44	3.01	0.04	0.01	8	0.08395308	0.01	8	2.85
olopatadin e hydrochlori de	10	5	188.7	337.41	1.09	4.17	1	0.02	7.54098279	1	0.02	3.36
ondansetr on hydrochlori de	10	24	231.5	293.36	2.72	0.03	0.01	9.6	0.15369895	0.1	0.96	2.92
orlistat	0.01	120	43	495.73	8.61	0	0.01	48	3.3459E-07	0.01	48	4.25
oxycodone	0.01	30	220	315.36	-0.04	25.75	10	0.01	95.0772489	33	0.00363636	2.19
hydrochlori de penicillami ne	100	250	204	149.21	-1.73	859.41	100	0.01	2203.27106	1000	0.001	-0.01

pergolide mesylate	0.01	0.25	207.5	314.5	4.4	0	0.01	0.1	0.00344263	0.01	0.1	3.94
phenobarbital	0.1	100	176	232.23	1.37	2.01	1	0.4	2.7238822	1	0.4	0.9
phenytoin (chewable)	0.01	50	296.5	252.27	2.08	0.03	0.01	20	0.57694659	0.1	2	2.09
phenytoin sodium	0.01	100	296.5	252.27	2.08	0.03	0.01	40	0.57694659	0.1	4	2.09
pioglitazone hydrochloride	0.01	45	183.5	356.45	3.53	0.02	0.01	18	0.02892468	0.01	18	2.62
pranlukast hydrate	0.01	112.5	244.5	481.5	5.06	0	0.01	45	0.0011531	0.01	45	3.13
praziquantel	0.1	600	137	312.41	3.36	0.07	0.01	240	0.03749686	0.01	240	3
promethazine hydrochloride	100	25	60	284.43	4.4	0.03	0.01	10	0.00311348	0.01	10	3.48
propranolol hydrochloride	33	90	96	259.34	2.75	0.58	0.1	3.6	0.12680591	0.1	3.6	2.6
pseudoephedrine hydrochloride	10	60	118.3	165.23	0.89	16.1	10	0.02	5.85273557	1	0.24	1.61
pyrantel embonate	0.01	250	178.5	206.31	3.03	0.04	0.01	100	0.05294077	0.01	100	2.04

pyrazinami de	10	400	190	123.11	-0.68	86.95	33	0.05	162.018024	100	0.016	-0.2
pyridostig mine bromide	100	60	153	181.12	-4.26	1130489.2	1000	0	906225.773	1000	0.00024	0.33
pyridoxine hydrochlori de	100	25	160	169.64	-0.35	111.05	100	0	104.423504	100	0.001	0.23
pyrimetha mine	0.01	25	233.5	248.72	3	0.01	0.01	10	0.06838813	0.01	10	2.27
raloxifene hydrochlori de	0.1	60	145	473.59	6.86	0	0.01	24	1.7975E-05	0.01	24	4.66
ramipril	10	10	109	416.51	1.54	11.23	10	0	3.30290006	1	0.04	2.58
ranitidine hydrochlori de	100	300	69.5	314.41	0.67	154.68	100	0.01	18.4827398	10	0.12	0.49
ribavirin	33	200	181	244.2	-2.85	31321.72	1000	0	47535.2366	1000	0.0008	-1.62
rizatriptan benzoate	33	10	120.5	269.34	1.18	12.8	10	0	4.89295088	1	0.04	2.01
rosiglitazo ne maleate	1000	8	154	357.43	3.02	0.11	0.1	0.32	0.09385578	0.01	3.2	2.06
sildenafil citrate	1	100	188	474.59	1.98	0.77	0.1	4	1.36643376	1	0.4	1.58
simvastatin	0.01	80	136.5	418.56	4.48	0.01	0.01	32	0.0038109	0.01	32	3.67
spironolact one	0.01	25	134.5	416.58	2.84	0.31	0.1	1	0.16556496	0.1	1	3.96
stavudine	83	40	165.5	224.21	-0.49	178.73	100	0	190.513159	100	0.0016	-0.05

sulfadiazine	0.01	500	254	250.28	0.1	6.82	1	2	54.6633378	33	0.06060606	0.28
sulfamethoxazole	0.01	400	167	253.28	0.56	17.39	10	0.16	19.1809846	10	0.16	0.14
sultamicillin tosilate	0.1	375	190	594.66	1.74	1.6	1	1.5	2.97535456	1	1.5	0.74
sumatriptan succinate	100	100	170	295.41	0.74	12.51	10	0.04	14.7807065	10	0.04	1.52
tacrolimus	0.01	5	128	804.02	5.78	0	0.01	2	0.00036689	0.01	2	4.69
taltirelin hydrate	33	5	73.5	405.41	-1.42	22399.82	1000	0	2932.00331	1000	0.00002	-0.42
tamoxifen citrate	0.01	20	97	371.51	6.82	0	0.01	8	1.5461E-05	0.01	8	5.46
tegafur	10	200	164.5	200.17	-0.07	62.07	33	0.02	64.6649564	33	0.02424242	-0.17
telmisartan	0.01	80	262	514.62	7.29	0	0.01	32	7.257E-06	0.01	32	5.78
temocapril hydrochloride	0.1	4	168	476.62	2.1	0.92	0.1	0.16	1.0409797	1	0.016	2.94
tenofovir disoproxil fumarate	13.4	300	279	287.21	0.8	0.88	0.1	12	12.5161153	10	0.12	-2.37
terazosin hydrochloride	100	5	273.3	387.43	2.18	0.06	0.01	2	0.70382266	0.1	0.2	1.14
terbinafine hydrochloride	1	250	120.5	291.43	5.96	0	0.01	100	8.7863E-05	0.01	100	4.71
theophylline	1	300	272	180.16	-0.03	4.39	1	1.2	53.0796894	33	0.03636364	-0.49

topiramate	9.8	200	125.5	339.36	0.04	198.71	100	0.01	85.1002138	33	0.02424242	-1.05
toremifene citrate	0.63	60	109	405.97	6.53	0	0.01	24	3.2943E-05	0.01	24	6.12
triflusal	0.01	300	121	248.16	2.06	1.54	1	1.2	0.5942946	0.1	12	0.31
trimebutin maleate	1	200	79	387.47	4.26	0.04	0.01	80	0.00585475	0.01	80	2.44
trimethopr im	0.1	200	201	290.32	0.98	3.49	1	0.8	8.35885815	1	0.8	0.72
tulobuterol hydrochlori de	100	1	90	227.74	2.53	0.97	0.1	0.04	0.18480313	0.1	0.04	2.73
ursodeoxyc holic acid (ursodiol)	0.01	100	203	392.57	4.51	0	0.01	40	0.0033357	0.01	40	3.87
valsartan	0.01	320	116.5	435.52	4.86	0	0.01	128	0.00165302	0.01	128	2.8
voglibose	1000	0.3	162.5	267.28	-2.35	16527.85	1000	0	16452.6729	1000	0.0000012	-1.14
warfarin sodium	0.01	10	161	308.33	2.9	0.11	0.1	0.4	0.10672982	0.1	0.4	2.78
zaltoprofe n	0.01	80	131	298.36	3.5	0.05	0.01	32	0.02594243	0.01	32	2.79
zidovudine	10	300	109	267.24	0.04	227.93	100	0.01	67.0149138	33	0.03636364	-1
zolmitripta n	20	5	140	287.36	1.29	6.8	1	0.02	4.05225078	1	0.02	1.97
zolpidem tartrate	10	10	196	307.39	3.03	0.04	0.01	4	0.0788787	0.01	4	3.15

<b>in silico solubility (mg/mL) based on KLogP</b>	<b>lowest solubility (KLogP)</b>	<b>in silico dose number, KlogP</b>	<b>in silico solubility (mg/mL) based on KLogP and average melting point</b>	<b>lowest solubility, KLogP and average melting point</b>	<b>in silico dose number,KLogP and average melting point</b>
7.62	1	1.2	8.05632269	1	1.2
0.12	0.1	4	0.08679732	0.01	40
7.11	1	4	8.29290868	1	4
78.1	33	0.1	663.496118	100	0.032
2.22	1	1.6	6.3543733	1	1.6
34.03	33	0.01	7.23482321	1	0.4
0.01	0.01	0.8	0.02684758	0.01	0.8
40.49	33	0	240.048295	100	0.0002
1.85	1	0	0.29287729	0.1	0.04
4.91	1	0.4	3.42536137	1	0.4
0.99	0.1	0.04	0.33168322	0.1	0.04

0.83	0.1	24	0.27148149	0.1	24
2	1	0.01	0.13398506	0.1	0.08
0.23	0.1	1.6	0.16486842	0.1	1.6
21.83	10	0.04	39.3242762	33	0.012121212
1.06	1	0.6	2.05646859	1	0.6
0.02	0.01	0.8	0.00504281	0.01	0.8
0.11	0.1	0.2	0.06565172	0.01	2
0.06	0.01	0.1	0.17556398	0.1	0.01
0.1	0.01	1.6	0.02477559	0.01	1.6
0.22	0.1	0.64	0.34927429	0.1	0.64
457.7	100	0.02	156.598519	100	0.02
72.68	33	0	18.8933835	10	0.01
0.1	0.01	160	0.18736073	0.1	16
0.16	0.1	1	0.05349319	0.01	10
1.2	1	1.6	1.07306966	1	1.6

0.07	0.01	4	0.02183272	0.01	4
10.38	10	0.1	7.91857949	1	1
0.05	0.01	60	0.00920995	0.01	60
4.94	1	0.01	1.07133793	1	0.01
0.57	0.1	4	0.53313528	0.1	4
34.03	33	0.02	21.4423958	10	0.08
0.09	0.01	200	0.35739014	0.1	20
0	0.01	40	3.5852E-05	0.01	40
0.4	0.1	0.01	0.19106741	0.1	0.012
0.01	0.01	40	0.01752233	0.01	40
0.23	0.1	1.2	0.18856617	0.1	1.2
257.69	100	0	16.8297193	10	0.01
0	0.01	40	0.00064476	0.01	40
0	0.01	40	0.00283921	0.01	40
2.06	1	0.4	2.78140486	1	0.4
0	0.01	2	0.00219681	0.01	2

0.02	0.01	0.2	0.24158246	0.1	0.02
0.07	0.01	2	0.02908933	0.01	2
0.03	0.01	10	0.02759191	0.01	10
204.8	100	0.01	200.726656	100	0.008
86.61	33	0.01	6.29151892	1	0.4
0.27	0.1	20	0.36193811	0.1	20
0.01	0.01	4	0.04252047	0.01	4
255.74	100	0.01	468.317523	100	0.008
0.78	0.1	24	0.46614075	0.1	24
0.25	0.1	2	0.80094909	0.1	2
0.03	0.01	8	0.08629978	0.01	8
0.01	0.01	240	0.08854584	0.01	240
0.19	0.1	0.01	0.18267855	0.1	0.008

1.07	1	1	0.59555068	0.1	10
86.89	33	0.05	15.8328692	10	0.16
0.02	0.01	0.4	0.01074356	0.01	0.4
132.53	100	0.01	14.0932908	10	0.1
0.04	0.01	0.4	0.02782109	0.01	0.4
0.01	0.01	4	0.01384966	0.01	4
389.31	100	0.01	99.1336905	100	0.01
1151.36	1000	0	1168.09841	1000	0.00016
0.25	0.1	10.68	0.03859977	0.01	106.8
0	0.01	72	0.00040707	0.01	72
0	0.01	2	0.0126021	0.01	2
38.52	33	0.02	22.6659778	10	0.08
0.54	0.1	1.6	0.16486268	0.1	1.6
6.79	1	0.16	18.1455382	10	0.016

5.81	1	3.2	5.92754991	1	3.2
2.87	1	0.32	4.35548851	1	0.32
0.3	0.1	0.16	0.81285906	0.1	0.16
0.93	0.1	0.4	2.61912786	1	0.04
0.12	0.1	0.24	0.1389971	0.1	0.24
0.25	0.1	10	0.90523564	0.1	10
0.01	0.01	2	0.00440867	0.01	2
14.17	10	0.04	179.104783	100	0.004
2.64	1	2.4	0.36620741	0.1	24
0	0.01	160	0.00696058	0.01	160
14.69	10	0	8.65359555	1	0.04
0.6	0.1	0.1	0.57884354	0.1	0.1
1.31	1	1.6	1.06485337	1	1.6
0.02	0.01	120	0.026993	0.01	120
28.2	10	0.12	34.3901559	33	0.036363636
0.01	0.01	16	0.01140285	0.01	16
0	0.01	40	0.00084695	0.01	40
1.06	1	0.2	0.22109667	0.1	2
0.02	0.01	0.4	0.01229794	0.01	0.4

146.7	100	0.01	141.123159	100	0.012
147.53	100	0.02	391.38845	100	0.02
0.16	0.1	0.1	0.25384685	0.1	0.1
5.12	1	0.6	0.50065478	0.1	6
59.25	33	0.09	20.9052359	10	0.3
3.11	1	2	50.6005092	33	0.060606061
0	0.01	0.3	0.00682396	0.01	0.3
7.8	1	0.1	13.2608596	10	0.01
0.51	0.1	0	0.11739443	0.1	0.0002
6.55	1	2.4	10.170697	10	0.24
0	0.01	53.32	0.00086653	0.01	53.32
0.01	0.01	4	0.00419125	0.01	4
0.03	0.01	2	0.03435512	0.01	2
0.02	0.01	40	0.02989016	0.01	40
1.33	1	0.24	0.39878096	0.1	2.4
0.01	0.01	8	0.00231792	0.01	8

0.13	0.1	20	2.23624169	1	2
0	0.01	4	0.01277752	0.01	4
0.89	0.1	0.4	0.62531901	0.1	0.4
397.44	100	0.02	365.297671	100	0.02
0.16	0.1	1.8	0.05534636	0.01	18
0.26	0.1	8	0.27925758	0.1	8
0.14	0.1	0.4	0.31234363	0.1	0.4
0.08	0.01	2	0.06229878	0.01	2
0.83	0.1	20	0.12524399	0.1	20
1.75	1	2	8.03874629	1	2
0.13	0.1	8	0.94328117	0.1	8
0.16	0.1	1.2	0.09004615	0.01	12
0.2	0.1	20	0.87897616	0.1	20
2036.49	1000	0	411.057162	100	0.0002

31.24	10	0.02	14.6573951	10	0.02
14.02	10	0	17.7320976	10	0.004
320.95	100	0.01	487.085976	100	0.01
19.53	10	0	14.2938066	10	0.0016
68.61	33	0.01	44.4895088	33	0.012121212
69.75	33	0.02	33.861105	33	0.018181818
0	0.01	0.4	0.01106873	0.01	0.4
0	0.01	0.1	0.01573564	0.01	0.1
0.06	0.01	8	0.12134912	0.1	0.8
0.02	0.01	2	0.04049748	0.01	2
0.02	0.01	9.6	0.09697748	0.01	9.6
0.12	0.1	4.8	0.00766505	0.01	48
0.15	0.1	1.2	0.55985635	0.1	1.2
16.38	10	0.1	41.9824646	33	0.03030303

0	0.01	0.1	0.00992866	0.01	0.1
5.94	1	0.4	8.03874629	1	0.4
0.03	0.01	20	0.56381368	0.1	2
0.03	0.01	40	0.56381368	0.1	4
0.15	0.1	1.8	0.23510866	0.1	1.8
0.02	0.01	45	0.09814457	0.01	45
0.15	0.1	24	0.08590035	0.01	240
0.27	0.1	1	0.02589676	0.01	10
0.82	0.1	3.6	0.17911811	0.1	3.6
3.07	1	0.24	1.11521577	1	0.24
0.36	0.1	10	0.51735694	0.1	10

28.79	10	0.16	53.64921	33	0.048484848
29.06	10	0.02	23.2935891	10	0.024
29.21	10	0.01	27.4661801	10	0.01
0.07	0.01	10	0.36726599	0.1	1
0	0.01	24	0.00284887	0.01	24
1.02	1	0.04	0.30122807	0.1	0.4
234.12	100	0.01	27.9747588	10	0.12
1844.36	1000	0	2799.08225	1000	0.0008
1.89	1	0.04	0.72372047	0.1	0.4
1.04	1	0.03	0.85597484	0.1	0.32
1.93	1	0.4	3.43232642	1	0.4
0.04	0.01	32	0.02460525	0.01	32
0.02	0.01	10	0.01255939	0.01	10
64.89	33	0	69.1711472	33	0.004848485

4.51	1	2	36.1157091	33	0.060606061
45.74	33	0.05	50.4511299	33	0.048484848
15.97	10	0.15	29.7535456	10	0.15
2.08	1	0.4	2.4529867	1	0.4
0.01	0.01	2	0.00451374	0.01	2
2239.98	1000	0	293.200331	100	0.0002
0	0.01	8	0.00035419	0.01	8
78.14	33	0.02	81.4083569	33	0.024242424
0	0.01	32	0.00023483	0.01	32
0.13	0.1	0.16	0.15046735	0.1	0.16
1306.47	1000	0	18512.6912	1000	0.0012
0.62	0.1	0.2	7.71726203	1	0.02
0	0.01	100	0.00156244	0.01	100
12.67	10	0.12	153.083497	100	0.012

2444.62	1000	0	1046.96135	1000	0.0008
0	0.01	24	8.4677E-05	0.01	24
86.46	33	0.04	33.419641	33	0.036363636
2.61	1	0.8	0.38681925	0.1	8
6.35	1	0.8	15.2106213	10	0.08
0.61	0.1	0.04	0.11660289	0.1	0.04
0.01	0.01	40	0.01456086	0.01	40
0.54	0.1	12.8	0.18979209	0.1	12.8
1019.1	1000	0	1014.46359	1000	0.0000012
0.15	0.1	0.4	0.14069731	0.1	0.4
0.27	0.1	3.2	0.13304869	0.1	3.2
2499.2	1000	0	734.803918	100	0.012
1.42	1	0.02	0.84663519	0.1	0.2
0.03	0.01	4	0.05983561	0.01	4