

标的物	CALL										行权价	PUT									
	收盘价	涨跌幅	成交量	持仓量	Delta值	Gamma值	Vega值	Theta值	隐含波动率	历史波动率		收盘价	涨跌幅	成交量	持仓量	Delta值	Gamma值	Vega值	Theta值	隐含波动率	历史波动率
C1905	196.50	6.22	138.00	670.00	1.0000	0.0000	0.0000	0.0000	0.0000	96.8588	1660	0.50	0.00	46.00	984.00	0.0000	0.0000	0.0001	0.0000	0.2162	387.5809
	176.50	6.97	74.00	828.00	1.0000	0.0000	0.0000	0.0000	0.2022	131.0581	1680	1.00	100.00	340.00	3294.00	0.0000	0.0000	0.0005	-0.0001	0.2179	587.5632
	156.00	7.59	94.00	608.00	1.0000	0.0000	0.0000	0.0000	0.0000	145.8855	1700	1.00	100.00	202.00	4672.00	-0.0002	0.0000	0.0030	-0.0008	0.1961	737.1178
	133.50	6.80	38.00	670.00	1.0000	0.0000	0.0000	0.0000	0.0000	151.9901	1720	1.00	100.00	82.00	1306.00	-0.0010	0.0001	0.0155	-0.0037	0.1746	489.9780
	116.50	9.91	206.00	1094.00	0.9968	0.0003	0.0420	-0.0082	0.1385	185.1058	1740	1.00	0.00	268.00	4644.00	-0.0044	0.0000	0.0000	-0.0140	0.0000	361.8503
	95.50	9.77	10.00	990.00	0.0000	0.0009	0.1567	-0.0375	0.0000	233.4924	1760	2.00	-20.00	692.00	6280.00	0.0000	0.0008	0.1658	-0.0423	0.1498	408.2189
	77.00	10.79	196.00	1334.00	0.9555	0.0021	0.4226	0.0000	0.0000	250.8301	1780	3.00	-33.33	1114.00	6128.00	-0.0443	0.0000	0.0000	-0.1024	0.0000	351.1500
	59.50	11.21	204.00	1742.00	0.0000	0.0000	0.7828	-0.1965	0.1167	268.7371	1800	5.00	-41.18	2240.00	8314.00	-0.1054	0.0040	0.7842	-0.1994	0.1310	368.7520
	46.00	16.46	378.00	3852.00	0.7885	0.0063	1.3000	-0.3135	0.1360	301.5649	1820	9.50	-34.48	2228.00	8822.00	-0.2105	0.0063	1.3005	-0.3154	0.1321	296.3268
	30.50	8.93	422.00	8206.00	0.6407	0.0081	1.6514	-0.4069	0.0000	323.9637	1840	16.00	-30.43	638.00	16244.00	-0.3582	0.0081	0.0000	-0.4077	0.0000	264.0821
	20.50	10.81	1454.00	16436.00	0.4697	0.0087	1.7631	-0.4342	0.1261	349.1814	1860	25.50	-23.88	1290.00	9912.00	0.0000	0.0087	1.7631	0.0000	0.0000	227.9465
	12.50	8.70	1782.00	10048.00	0.3058	0.0076	1.5512	0.0000	0.1260	393.6273	1880	37.50	-19.35	348.00	1602.00	-0.6931	0.0076	1.5511	-0.3817	0.1325	199.7859
	6.50	-7.14	1600.00	7500.00	0.1749	0.0056	1.1551	-0.2816	0.1217	390.0089	1900	52.50	-15.32	78.00	1336.00	-0.8242	0.0056	0.0000	-0.2793	0.1363	173.7300
	3.50	-12.50	1652.00	5058.00	0.0872	0.0035	0.0000	-0.1734	0.1234	401.1499	1920	68.00	-13.92	84.00	1176.00	-0.9123	0.0035	0.0000	-0.1701	0.1291	147.6313
	1.00	-50.00	1316.00	4310.00	0.0377	0.0000	0.0000	-0.0898	0.1108	409.0636	1940	87.50	-9.79	52.00	944.00	-0.9622	0.0018	0.3811	-0.0855	0.1501	138.0722
	0.50	-50.00	1678.00	5324.00	0.0000	0.0008	0.1749	-0.0394	0.1162	820.1836	1960	106.50	-8.19	24.00	700.00	-0.9864	0.0008	0.1616	0.0000	0.1610	115.2492
	0.50	0.00	786.00	2738.00	0.0046	0.0003	0.0000	-0.0147	0.1345	676.6814	1980	129.00	-4.80	0.00	786.00	-0.9967	0.0003	0.0440	-0.0085	0.2171	104.7964
	0.50	0.00	88.00	782.00	0.0013	0.0001	0.0215	-0.0047	0.1514	595.6036	2000	146.50	-5.48	158.00	830.00	-1.0000	0.0000	0.0000	0.0000	0.0000	96.3195
0.50	0.00	0.00	770.00	0.0003	0.0000	0.0058	-0.0013	0.1681	627.0684	2020	165.50	-5.43	26.00	652.00	-1.0000	0.0000	0.0000	0.0000	0.0000	88.9176	
0.50	0.00	0.00	1198.00	0.0001	0.0000	0.0013	-0.0003	0.1846	679.4428	2040	191.00	-2.05	60.00	680.00	-1.0000	0.0000	0.0000	0.0000	0.3122	72.6831	
C1909	190.50	3.25	2.00	358.00	0.9574	0.0008	0.9807	-0.0311	0.0000	78.5601	1700	6.00	-14.29	128.00	650.00	-0.0439	0.0008	1.0887	-0.0396	0.1288	186.0053
	173.50	3.89	0.00	788.00	0.9360	0.0011	1.3509	-0.0454	0.0000	94.0105	1720	8.00	-15.79	20.00	636.00	-0.0635	0.0010	0.0000	-0.0531	0.1284	194.8566
	156.00	4.00	0.00	634.00	0.9090	0.0014	1.7626	-0.0617	0.0956	103.5167	1740	10.00	-23.08	224.00	3818.00	-0.0889	0.0000	1.8060	-0.0686	0.0000	226.5410
	146.00	8.55	108.00	1030.00	0.8756	0.0017	2.4125	-0.0797	0.1266	101.2612	1760	12.50	-26.47	80.00	11390.00	-0.1211	0.0016	0.0000	0.0000	0.1222	187.9925
	128.00	7.56	40.00	768.00	0.8355	0.0020	2.8913	-0.0983	0.1201	116.7376	1780	17.50	-18.60	84.00	5794.00	-0.1601	0.0020	0.0000	-0.1035	0.1256	163.2203
	101.00	-3.81	20.00	728.00	0.7888	0.0024	3.3594	-0.1166	0.0840	127.2694	1800	21.00	-23.64	166.00	2124.00	-0.2059	0.0023	0.0000	-0.1210	0.1213	182.4313
	99.00	7.61	60.00	868.00	0.0000	0.0027	3.7920	-0.1335	0.1206	124.7260	1820	27.00	-20.59	122.00	1092.00	-0.2580	0.0026	3.7965	-0.1369	0.0000	156.5096
	86.00	8.18	34.00	696.00	0.6780	0.0029	4.1622	-0.1479	0.1211	143.5318	1840	34.50	-17.86	120.00	1166.00	-0.3155	0.0029	4.1636	-0.1503	0.1237	146.0556
	73.00	6.57	96.00	1042.00	0.6160	0.0031	4.4455	-0.1587	0.1189	152.5176	1860	41.00	-18.81	450.00	804.00	-0.3771	0.0000	4.4457	-0.1602	0.1206	127.3922
	65.00	11.11	198.00	1014.00	0.5515	0.0000	0.0000	-0.1653	0.1250	178.1325	1880	51.00	-15.70	58.00	474.00	-0.4414	0.0032	4.6213	-0.1659	0.1226	139.5464
	54.50	10.10	342.00	2846.00	0.4864	0.0033	4.6769	-0.1674	0.1236	173.4502	1900	61.00	-14.69	32.00	566.00	-0.5065	0.0033	4.6769	-0.1670	0.1226	120.7850
	45.50	9.64	82.00	1166.00	0.4223	0.0032	4.6079	-0.1649	0.1232	1432.3147	1920	78.00	-6.02	40.00	442.00	-0.5707	0.0032	4.6076	-0.1636	0.1354	110.8196
	38.00	10.14	440.00	1412.00	0.3608	0.0031	4.4201	0.0000	0.1232	1308.9135	1940	85.00	-11.46	92.00	470.00	-0.6325	0.0031	4.4188	-0.1560	0.1239	103.9163
	31.50	10.53	284.00	2656.00	0.3032	0.0029	4.1282	-0.1479	0.0000	187.4667	1960	99.00	-10.00	26.00	436.00	-0.6905	0.0029	4.1245	-0.1448	0.1260	102.1030
	26.50	15.22	804.00	8180.00	0.2507	0.0026	0.0000	-0.1350	0.1257	197.0344	1980	121.50	-2.41	6.00	438.00	-0.7437	0.0026	0.0000	-0.1309	0.1461	288.3036
	22.50	21.62	1668.00	15180.00	0.0000	0.0023	3.3235	-0.1203	0.1280	189.3440	2000	138.00	-1.43	4.00	512.00	-0.7913	0.0024	3.3095	-0.1153	0.1518	80.3963
	15.50	3.33	0.00	550.00	0.1630	0.0020	2.8649	-0.1047	0.0000	1422.2639	2020	151.50	-3.19	48.00	416.00	-0.8330	0.0021	2.8424	-0.0989	0.1475	233.5770
	12.50	4.17	0.00	1294.00	0.1281	0.0017	0.0000	-0.0892	0.1214	300.4725	2040	165.50	-4.34	0.00	408.00	-0.8689	0.0018	2.3706	-0.0825	0.1428	216.9700
12.00	26.32	24.00	770.00	0.0990	0.0014	1.9648	0.0000	0.1294	334.2802	2060	188.50	-1.05	16.00	458.00	-0.8993	0.0015	1.9164	-0.0668	0.1630	191.2249	
10.50	40.00	104.00	1432.00	0.0753	0.0012	1.7618	-0.0606	0.0000	230.3654	2080	195.50	-6.24	54.00	664.00	-0.9243	0.0012	1.6685	-0.0523	0.1297	182.7093	
M1905	326.00	3.49	40.00	278.00	1.0000	0.0000	0.0000	0.0000	0.5325	116.9527	2250	1.50	200.00	134.00	3070.00	0.0000	0.0000	0.0009	-0.0003	0.2683	434.4484
	259.00	-2.26	0.00	612.00	1.0000	0.0000	0.0000	0.0000	0.0000	133.4590	2300	1.50	200.00	852.00	7476.00	-0.0005	0.0000	0.0126	-0.0036	0.2278	351.5284
	214.00	-1.15	44.00	906.00	0.9964	0.0002	0.0612	-0.0167	0.3228	138.8773	2350	2.50	25.00	1350.00	9206.00	-0.0048	0.0002	0.0851	-0.0266	0.2067	366.1917
	153.00	-10.00	162.00	1256.00	0.9731	0.0008	0.3656	-0.1120	0.1711	162.4746	2400	5.00	0.00	2574.00	18596.00	-0.0269	0.0008	0.3745	-0.1197	0.1918	332.4580
	110.00	-13.39	528.00	2340.00	0.8987	0.0022	1.0699	-0.3342	0.1785	185.4425	2450	9.50	-20.83	2694.00	13528.00	-0.1007	0.0022	1.0723	-0.3394	0.1747	315.7603
	69.50	-22.35	1464.00	11806.00	0.7382	0.0000	2.0006	-0.6221	0.1638	208.6937	2500	19.00	-22.45	4518.00	19806.00	-0.2607	0.0040	2.0010	-0.6248	0.1612	285.7955
	38.50	-34.75	3764.00	20740.00	0.0000	0.0049	2.4358	-0.7665	0.1584	234.0400	2550	38.50	-12.50	1522.00	9294.00	-0.4931	0.0049	2.4358	-0.7665	0.1584	249.4969
	19.00	-47.22	6978.00	34584.00	0.2752	0.0041	2.0406	-0.6419	0.1581	254.5404	2600	65.50	-7.75	1222.00	9784.00	-0.7238	0.0041	2.0404	-0.6393	0.1423	215.8993
	10.50	-47.50	3632.00	21472.00	0.1155	0.0024	1.2326	0.0000	0.1740	246.8871	2650	105.00	0.00	1122.00	5426.00	-0.8839	0.0024	1.2296	-0.3695	0.1372	182.7478
	6.00	-42.86	3472.00	31284.00	0.0369	0.0010	0.4633	0.0000	0.1901	253.3512	2700	150.50	3.44	416.00	17510.00	-0.9631	0.0010	0.4564	-0.1477	0.1188	156.9870
	4.00	-20.00	2862.00	19362.00	0.0090	0.0003	0.1385	-0.0466	0.2109	263.7419	2750	201.50	6.05	318.00	6328.00	-0.9919	0.0003	0.1204	-0.0366	0.1769	136.3122
	3.00	50.00	2286.00	20686.00	0.0017	0.0001	0.0298	-0.0103	0.2346	264.8493	2800	241.00	1.69	90.00	4440.00						

	1.50	200.00	170.00	6012.00	0.0000	0.0000	0.0000	0.0000	0.3818	283.3271	3100	526.00	-1.68	40.00	292.00	-1.0000	0.0000	0.0000	0.0000	0.0000	67.6494
	1.00	100.00	334.00	14432.00	0.0000	0.0000	0.0000	0.0000	0.0000	311.7193	3150	597.00	2.05	60.00	300.00	0.0000	0.0000	0.0000	0.0000	0.0000	63.0190
	1.00	100.00	90.00	13450.00	0.0000	0.0000	0.0000	0.0000	0.0000	218.4504	3200	626.00	-1.42	40.00	280.00	-1.0000	0.0000	0.0000	0.0000	0.0000	56.0262
	1.00	100.00	230.00	24212.00	0.0000	0.0000	0.0000	0.0000	0.4348	254.8325	3250	676.00	-1.31	40.00	148.00	-1.0000	0.0000	0.0000	0.0000	0.0000	53.6838
M1909	291.00	-2.35	68.00	760.00	0.9056	0.0000	2.6705	-0.1127	0.1922	70.7282	2350	19.00	-44.93	1054.00	3620.00	-0.0921	0.0008	2.7410	-0.1245	0.1623	218.2252
	252.00	-3.26	44.00	1008.00	0.8543	0.0011	3.6327	-0.1591	0.1905	93.7293	2400	29.00	-37.63	1538.00	6116.00	-0.1417	0.0000	0.0000	-0.1688	0.0000	194.7872
	214.50	-4.88	34.00	654.00	0.7895	0.0013	4.6038	-0.2059	0.1869	109.0327	2450	42.00	-31.71	2030.00	9162.00	-0.2051	0.0000	4.6175	-0.2134	0.1652	199.9750
	181.00	-6.46	46.00	1356.00	0.7125	0.0016	5.4710	-0.2474	0.1858	112.6788	2500	57.50	-27.22	2508.00	12440.00	0.0000	0.0000	5.4749	0.0000	0.1646	165.6556
	150.00	-8.81	70.00	866.00	0.6262	0.0017	6.1115	-0.2780	0.1835	111.8320	2550	78.00	-21.61	1034.00	5154.00	-0.3670	0.0017	6.1121	-0.2810	0.1664	141.6119
	126.50	-8.66	1102.00	5152.00	0.5349	0.0018	6.4244	-0.2941	0.1872	118.0962	2600	103.50	-16.19	674.00	2956.00	-0.4580	0.0018	6.4244	0.0000	0.0000	151.6279
	104.00	-9.96	964.00	5226.00	0.4434	0.0000	6.3577	-0.2940	0.0000	125.2830	2650	129.50	-13.67	392.00	2930.00	-0.5496	0.0018	6.3577	-0.2922	0.1685	135.0612
	87.00	-8.42	1618.00	16118.00	0.3564	0.0000	6.1229	-0.2787	0.1917	126.2602	2700	164.00	-8.89	56.00	1556.00	-0.6370	0.0017	6.1191	0.0000	0.1752	126.9697
	72.00	-7.69	362.00	5886.00	0.2777	0.0016	5.4797	-0.2513	0.1954	135.3425	2750	197.50	-6.84	52.00	1302.00	0.0000	0.0016	5.4714	-0.2448	0.1756	121.3506
	60.00	-4.76	1074.00	8196.00	0.2097	0.0013	4.6180	-0.2163	0.0000	136.6287	2800	243.00	-1.62	70.00	1278.00	-0.7853	0.0014	4.6011	-0.2076	0.1929	110.9409
	51.00	0.99	744.00	8508.00	0.1534	0.0011	3.9951	-0.1781	0.2048	153.7291	2850	279.00	-1.93	8.00	1098.00	-0.8430	0.0011	3.9444	-0.1672	0.0000	102.8495
	43.00	7.50	1480.00	10424.00	0.0000	0.0009	0.0000	-0.1407	0.2105	178.9278	2900	319.00	-1.54	4.00	392.00	-0.8889	0.0009	0.0000	-0.1277	0.0000	77.0862
	37.50	19.05	314.00	4332.00	0.0750	0.0007	2.1857	-0.1068	0.2168	221.0912	2950	370.00	1.37	36.00	420.00	-0.9249	0.0000	2.0860	-0.0917	0.2094	71.7328
	31.50	28.57	394.00	5680.00	0.0503	0.0005	0.0000	-0.0781	0.2216	146.8592	3000	407.00	-0.25	58.00	452.00	-0.9519	0.0005	1.5216	0.0000	0.1944	63.7031
	28.50	50.00	392.00	1722.00	0.0000	0.0003	0.0000	-0.0551	0.2295	278.8613	3050	441.50	-2.43	16.00	278.00	-0.9722	0.0004	0.8790	-0.0360	0.1507	58.0234
25.00	72.41	390.00	3392.00	0.0207	0.0002	0.8006	-0.0376	0.0000	317.7383	3100	494.00	-0.80	0.00	332.00	-0.9870	0.0003	0.4555	-0.0166	0.1780	53.6897	
23.50	113.64	1718.00	23202.00	0.0127	0.0002	0.5662	-0.0248	0.2468	161.3715	3150	542.00	-0.37	14.00	1632.00	-0.9983	0.0002	0.0800	-0.0026	0.1801	54.4172	
CU1904	5278.00	6.91	76.00	226.00	0.9995	0.0000	0.0000	0.3534	0.4978	94.9596	44000	3.00	200.00	122.00	1162.00	0.0000	0.0000	0.0000	0.0000	0.3116	617.9227
	4211.00	6.93	90.00	172.00	0.9995	0.0000	0.0000	0.2856	0.2550	115.9164	45000	4.00	300.00	34.00	1868.00	0.0000	0.0000	0.0000	0.0000	0.2635	414.7310
	3198.00	8.85	124.00	262.00	0.0000	0.0000	0.0000	0.2175	0.0000	147.7231	46000	5.00	400.00	60.00	1910.00	0.0000	0.0000	0.0003	-0.0002	0.2112	467.3295
	2205.00	13.37	232.00	286.00	0.9990	0.0000	0.1369	0.0500	0.0000	184.7906	47000	7.00	40.00	410.00	2102.00	-0.0006	0.0000	0.0000	-0.1000	0.1587	374.1169
	1234.00	21.46	672.00	436.00	0.9608	0.0001	5.7168	0.0000	0.1210	230.4627	48000	31.00	-59.21	1238.00	2046.00	-0.0387	0.0001	5.7168	-4.1735	0.1278	362.3338
	393.00	13.58	1156.00	1308.00	0.6211	0.0005	25.9062	-18.8890	0.0000	306.0605	49000	186.00	-54.19	1040.00	4228.00	-0.3784	0.0005	25.9062	-18.9032	0.1027	323.6794
	75.00	19.05	2374.00	2210.00	0.1317	0.0003	14.5469	-10.6185	0.1205	398.5668	50000	867.00	-22.80	750.00	768.00	-0.8678	0.0003	14.5469	-10.5650	0.1218	259.3440
	22.00	340.00	952.00	1596.00	0.0059	0.0000	1.1447	0.0000	0.1559	480.2705	51000	1810.00	-12.31	296.00	240.00	-0.9936	0.0000	1.1447	-0.7143	0.1542	189.0653
	8.00	700.00	388.00	1208.00	0.0000	0.0000	0.0142	-0.0103	0.1877	521.8534	52000	2761.00	-9.71	120.00	228.00	-0.9995	0.0000	0.0142	0.1789	0.0000	143.8601
	5.00	400.00	106.00	998.00	0.0000	0.0000	0.0000	0.0000	0.2275	564.5964	53000	3784.00	-6.75	94.00	176.00	-0.9995	0.0000	0.0000	0.2571	0.0000	115.9208
1.00	0.00	122.00	1344.00	0.0000	0.0000	0.0000	0.0000	0.2337	602.6095	54000	4781.00	-5.46	86.00	296.00	-0.9995	0.0000	0.0000	0.0000	0.0000	89.8558	
CU1905	5397.00	8.99	168.00	296.00	0.9973	0.0000	0.1180	0.3459	0.0000	96.0423	44000	5.00	400.00	98.00	1200.00	0.0000	0.0000	0.1180	-0.0163	0.0000	366.0985
	4346.00	9.72	186.00	156.00	0.9953	0.0000	1.0727	0.1464	0.1262	137.4266	45000	8.00	0.00	54.00	586.00	-0.0022	0.0000	1.0727	-0.1481	0.1287	355.8793
	3362.00	12.37	184.00	246.00	0.9828	0.0000	5.8577	-0.5818	0.1174	150.6545	46000	23.00	-37.84	364.00	638.00	-0.0147	0.0000	5.8577	-0.8086	0.0000	319.0720
	2406.00	15.29	298.00	222.00	0.9328	0.0001	19.8343	0.0000	0.0000	168.6232	47000	75.00	-42.31	502.00	1364.00	-0.0647	0.0000	19.8343	-2.7368	0.1154	283.0216
	1611.00	23.07	330.00	194.00	0.8054	0.0002	42.8816	-5.8205	0.0000	198.4572	48000	226.00	-35.61	708.00	1296.00	-0.1921	0.0002	42.8816	0.0000	0.1144	245.6712
	889.00	23.47	566.00	1094.00	0.5914	0.0002	60.8237	-8.3460	0.0000	231.4143	49000	558.00	-26.58	610.00	1428.00	-0.4061	0.0002	0.0000	-8.3697	0.1157	206.9759
	456.00	34.12	1054.00	1286.00	0.3490	0.0000	58.0423	-7.9928	0.1171	295.3119	50000	1079.00	-21.70	294.00	448.00	-0.6485	0.0002	58.0423	-7.9488	0.0000	186.3749
	219.00	61.03	588.00	882.00	0.1597	0.0002	38.1433	-5.2601	0.0000	333.4688	51000	1871.00	-13.86	252.00	164.00	-0.8378	0.0002	38.1433	-5.1483	0.1245	151.0729
	104.00	131.11	620.00	1030.00	0.0000	0.0001	17.6404	-2.4343	0.1307	310.0277	52000	2884.00	-6.36	72.00	172.00	-0.9418	0.0001	17.6404	-2.2549	0.1697	120.2954
	50.00	316.67	356.00	786.00	0.0147	0.0000	5.8583	-0.8087	0.1387	322.8871	53000	3736.00	-7.66	98.00	170.00	0.0000	0.0000	0.0000	-0.5616	0.1602	106.4358
28.00	833.33	364.00	1572.00	0.0030	0.0000	1.4235	-0.1966	0.1500	397.0406	54000	4667.00	-7.29	136.00	196.00	-0.9945	0.0000	1.4235	0.1183	0.1506	89.8453	
CU1906	5425.00	8.05	10.00	34.00	0.9907	0.0000	2.8956	0.1529	0.1571	104.6284	44000	14.00	-12.50	238.00	1242.00	-0.0046	0.0000	0.0000	-0.2112	0.1231	398.4430
	4438.00	9.34	4.00	30.00	0.9776	0.0000	9.4335	-0.3913	0.1356	107.7101	45000	32.00	-37.25	324.00	222.00	-0.0177	0.0000	9.4335	-0.6878	0.1169	276.2927
	3414.00	8.62	4.00	86.00	0.9419	0.0000	23.4681	-1.4811	0.0000	151.8632	46000	78.00	-40.91	348.00	220.00	-0.0534	0.0000	23.4681	-1.7101	0.1130	1113.0093
	2587.00	12.04	8.00	68.00	0.8667	0.0001	45.3349	-3.1389	0.1157	166.9757	47000	191.00	-35.25	250.00	160.00	-0.1285	0.0001	45.3349	-3.3004	0.1123	424.1332
	1813.00	13.74	68.00	96.00	0.7419	0.0001	69.0683	-4.9259	0.1149	200.1188	48000	410.00	-28.94	124.00	194.00	-0.2534	0.0001	69.0683	-5.0198	0.1121	172.2083
	1179.00	15.02	88.00	258.00	0.5763	0.0002	84.1876	-6.0736	0.1142	203.0063	49000	783.00	-22.09	72.00	102.00	-0.4190	0.0002	84.1876	-6.1000	0.1133	163.6927
	696.00	14.10	104.00	82.00	0.3987	0.0002	83.1991	-6.0333	0.1127	237.8329	50000	1289.00	-18.78	76.00	108.00	-0.5966	0.0002	83.1991	-5.9921	0.1111	151.2735
	400.00	19.76	100.00	272.00	0.2426	0.0001	67.4916	-4.9069	0.1156	231.1926	51000	1979.00	-14.25	40.00	434.00	-0.7526	0.0000	67.4916	-4.7982	0.1123	115.0028
	224.00	33.33	250.00	194.00	0.1291	0.0001	45.4593	0.0000	0.1195	266.7085	52000	2794.00	-10.99	12.00	44.00	-0.8662	0.0001	0.0000	-3.1335	0.1143	

RU1905	997.00	0.00	2.00	58.00	0.8861	0.0002	7.1727	-2.0419	0.2596	218.1965	11000	50.00	-31.51	206.00	844.00	-0.1127	0.0002	7.1952	-2.0881	0.2191	372.6059
	713.00	-10.65	6.00	94.00	0.8094	0.0003	10.1501	0.0000	0.1734	237.1248	11250	85.00	-31.45	18.00	366.00	-0.1891	0.0003	10.1577	-2.9507	0.0000	345.3845
	494.00	-20.45	10.00	228.00	0.7097	0.0004	12.8827	-3.6994	0.1547	267.7102	11500	138.00	-29.95	180.00	1212.00	-0.2885	0.0004	12.8841	-3.7207	0.2026	332.7847
	401.00	-14.50	110.00	646.00	0.5935	0.0005	14.6847	0.0000	0.2082	302.6617	11750	227.00	-23.05	94.00	552.00	0.0000	0.0000	14.6846	-4.2164	0.2018	300.1689
	278.00	-18.95	462.00	1424.00	0.4708	0.0005	15.0395	-4.3271	0.2098	332.2663	12000	366.00	-12.44	64.00	754.00	-0.5272	0.0005	15.0396	-4.3227	0.2118	278.4589
	208.00	-14.40	168.00	588.00	0.3532	0.0005	13.8445	-4.0504	0.2288	335.9120	12250	570.00	0.53	30.00	392.00	-0.6450	0.0005	13.8410	-4.0332	0.2477	268.4683
	152.00	-8.43	158.00	1206.00	0.2502	0.0004	12.1536	-3.4663	0.2418	338.9406	12500	819.00	10.68	14.00	378.00	-0.7481	0.0004	12.1477	-3.4363	0.3036	224.3313
	107.00	-1.83	150.00	796.00	0.1672	0.0003	9.2757	-2.7316	0.2495	361.4501	12750	986.00	5.68	0.00	228.00	-0.8315	0.0003	9.2633	-2.6892	0.2891	219.4700
	88.00	25.71	228.00	2454.00	0.1054	0.0002	7.0768	-1.9903	0.2723	394.4302	13000	1197.00	4.63	0.00	364.00	-0.8937	0.0002	0.0000	0.0000	0.2972	185.3390
	68.00	58.14	48.00	296.00	0.0627	0.0002	4.4780	-1.3467	0.2855	238.8869	13250	1459.00	6.81	2.00	102.00	-0.9369	0.0002	4.4224	-1.2803	0.3492	137.2945
	54.00	116.00	380.00	1150.00	0.0354	0.0001	2.9676	-0.8508	0.2995	252.3423	13500	1651.00	3.25	0.00	106.00	-0.9649	0.0001	2.8581	-0.7728	0.3207	138.2937
	43.00	207.14	248.00	1626.00	0.0188	0.0001	1.8513	-0.5024	0.0000	295.5922	13750	1853.00	0.82	18.00	80.00	-0.9823	0.0001	1.6622	-0.4131	0.2669	118.3201
31.00	287.50	256.00	818.00	0.0095	0.0000	0.8954	-0.2788	0.3194	286.0366	14000	2170.00	4.28	2.00	44.00	-0.9925	0.0000	0.6699	-0.1786	0.4116	110.6388	
26.00	550.00	210.00	384.00	0.0046	0.0000	0.4849	-0.1463	0.3332	337.8097	14250	2378.00	2.19	0.00	68.00	-0.9985	0.0000	0.1464	-0.0351	0.3766	79.4113	
RU1909	2178.00	-4.26	2.00	156.00	0.9292	0.0001	9.9779	-0.6133	0.0000	98.9099	10000	65.00	-47.58	20.00	334.00	-0.0694	0.0001	10.4121	-0.7105	0.0000	505.4593
	1925.00	-6.87	2.00	82.00	0.9014	0.0001	0.0000	-0.8175	0.0000	110.6027	10250	131.00	-21.08	0.00	32.00	-0.0956	0.0001	13.1425	-0.9046	0.2449	464.1194
	1819.00	-2.68	0.00	98.00	0.8680	0.0001	17.3293	-1.0354	0.2210	121.4523	10500	140.00	-35.48	2.00	164.00	-0.1278	0.0000	17.5968	-1.1121	0.2267	458.2678
	1626.00	-3.27	0.00	48.00	0.8289	0.0001	20.5972	-1.2567	0.2245	129.7516	10750	180.00	-35.25	64.00	128.00	-0.1658	0.0000	20.7602	-1.3227	0.2213	392.7463
	1445.00	-3.92	0.00	54.00	0.0000	0.0002	23.7434	-1.4704	0.2272	124.8933	11000	249.00	-28.86	8.00	220.00	-0.2092	0.0002	23.8403	-1.5254	0.2252	329.9608
	1275.00	-4.78	0.00	36.00	0.7355	0.0002	25.4242	-1.6653	0.2291	140.7094	11250	328.00	-24.42	14.00	194.00	-0.2576	0.0002	25.4518	-1.7091	0.2275	293.7809
	1119.00	-5.73	0.00	44.00	0.6826	0.0002	28.0496	-1.8305	0.2316	156.5958	11500	424.00	-20.00	16.00	152.00	-0.3100	0.0002	28.0567	-1.8629	0.2314	252.7215
	975.00	-6.79	0.00	44.00	0.6270	0.0002	30.1132	-1.9583	0.2323	165.9550	11750	537.00	-15.83	10.00	166.00	-0.3652	0.0002	30.1138	-1.9792	0.0000	248.8427
	872.00	-4.91	6.00	180.00	0.5699	0.0002	31.4656	-2.0437	0.2416	177.0090	12000	690.00	-8.85	4.00	246.00	-0.4221	0.0002	31.4650	0.0000	0.2468	172.7896
	721.00	-9.76	6.00	206.00	0.5125	0.0002	32.0047	-2.0845	0.2325	189.2795	12250	826.00	-6.98	0.00	138.00	-0.4795	0.0002	32.0049	-2.0822	0.2499	190.5718
	599.00	-13.44	6.00	598.00	0.4560	0.0002	31.6907	-2.0817	0.2277	194.4306	12500	969.00	-5.92	0.00	26.00	-0.5361	0.0000	31.6907	-2.0677	0.0000	198.6085
	569.00	-4.69	32.00	146.00	0.4014	0.0000	31.3638	-2.0359	0.2480	205.0572	12750	1117.00	-5.66	26.00	112.00	-0.5909	0.0002	0.0000	-2.0104	0.2487	156.6052
	460.00	-10.51	2.00	360.00	0.3497	0.0000	29.8236	-1.9538	0.2410	207.3351	13000	1306.00	-3.26	2.00	44.00	-0.6430	0.0002	29.8101	-1.9168	0.2576	147.7185
	448.00	2.05	16.00	436.00	0.3014	0.0002	27.6119	-1.8432	0.2608	229.8998	13250	1469.00	-3.61	0.00	44.00	-0.6918	0.0002	27.5856	-1.7948	0.2537	130.2316
	350.00	-6.17	6.00	580.00	0.2573	0.0002	26.4124	-1.7091	0.2506	217.7431	13500	1710.00	0.18	2.00	42.00	-0.7365	0.0002	26.3312	-1.6495	0.2746	133.9346
	348.00	10.48	8.00	164.00	0.2175	0.0002	23.4848	-1.5603	0.2701	212.1246	13750	1891.00	-0.37	6.00	40.00	-0.7771	0.0002	23.3815	-1.4896	0.2718	125.0044
	325.00	21.72	34.00	418.00	0.1819	0.0002	0.0000	-1.4036	0.2814	263.1404	14000	2115.00	0.81	4.00	40.00	-0.8135	0.0002	21.7879	-1.3220	0.2826	134.3977
	175.00	-21.88	0.00	130.00	0.1510	0.0001	18.7993	0.0000	0.2373	283.4451	14250	2266.00	-1.69	0.00	14.00	-0.8454	0.0001	18.5437	0.0000	0.2614	98.2274
	253.00	35.29	10.00	524.00	0.1239	0.0000	17.2686	-1.0895	0.2884	252.0561	14500	2541.00	0.99	2.00	46.00	-0.8736	0.0001	16.8146	-0.9866	0.2902	70.6270
	CF905	1502.00	8.06	2.00	160.00	1.0000	0.0000	0.0000	0.0000	0.3450	201.2985	13800	0.00	0.00	0.00	550.00	0.0000	0.0000	0.0033	0.0000	0.1900
1304.00		9.49	2.00	340.00	1.0000	0.0000	0.0000	0.0000	0.3093	138.1552	14000	2.00	0.00	44.00	2800.00	-0.0003	0.0000	0.0290	-0.0122	0.1799	581.5393
1105.00		11.28	8.00	276.00	0.0000	0.0000	0.0590	-0.0195	0.2721	156.8627	14200	3.00	-25.00	174.00	1826.00	-0.0019	0.0000	0.1823	-0.0736	0.1626	447.4799
896.00		12.28	2.00	540.00	0.9906	0.0001	0.7592	-0.2719	0.2167	182.2173	14400	5.00	-44.44	66.00	1630.00	-0.0099	0.0001	0.8221	-0.3159	0.1466	485.3241
695.00		13.75	172.00	550.00	0.9626	0.0002	2.6355	-0.9424	0.1770	213.5080	14600	13.00	-40.91	774.00	1864.00	-0.0373	0.0000	2.6656	-0.9769	0.0000	479.1195
488.00		11.42	254.00	380.00	0.8925	0.0000	5.6240	-2.1885	0.1259	254.5864	14800	32.00	-34.69	552.00	3050.00	0.0000	0.0000	5.6308	-2.2130	0.1385	415.0131
327.00		12.37	336.00	772.00	0.7600	0.0008	9.9258	-3.7085	0.1275	273.4959	15000	69.00	-31.68	784.00	3454.00	-0.2392	0.0008	9.9272	-3.7226	0.1344	382.9427
205.00		14.53	1752.00	1830.00	0.5718	0.0010	12.4532	-4.7016	0.1340	329.2892	15200	145.00	-23.28	1140.00	864.00	-0.4273	0.0010	12.4532	-4.7051	0.1379	336.7673
117.00		12.50	1678.00	3654.00	0.3677	0.0010	11.9631	-4.5186	0.1375	368.1045	15400	257.00	-17.89	558.00	1398.00	-0.6315	0.0010	11.9631	-4.5114	0.1416	276.7784
66.00		13.79	1236.00	4354.00	0.1976	0.0007	8.9189	0.0000	0.1455	417.6679	15600	406.00	-13.06	198.00	886.00	-0.8017	0.0007	8.9158	-3.3166	0.1508	258.0316
37.00		12.12	546.00	4072.00	0.0874	0.0004	5.2285	-1.9077	0.1545	453.6410	15800	575.00	-10.44	102.00	846.00	-0.9121	0.0004	5.2133	-1.8796	0.1593	203.2936
20.00		5.26	770.00	5036.00	0.0000	0.0002	2.4091	-0.8535	0.1624	473.9153	16000	0.00	-9.78	0.00	750.00	-0.9684	0.0002	2.3676	-0.8155	0.1453	211.3301
11.00		-8.33	210.00	4500.00	0.0093	0.0001	0.8719	-0.3013	0.1701	521.4870	16200	0.00	-8.13	0.00	412.00	-0.9912	0.0001	0.7867	0.0000	0.1398	161.0008
8.00		-11.11	180.00	7192.00	0.0022	0.0000	0.2477	-0.0847	0.1869	543.4697	16400	0.00	-6.82	0.00	262.00	-0.9990	0.0000	0.0987	-0.0284	0.0000	154.1593
6.00	-14.29	412.00	4116.00	0.0004	0.0000	0.0552	-0.0191	0.2028	604.8876	16600	0.00	-5.94	0.00	120.00	-1.0000	0.0000	0.0000	0.0000	0.0000	117.7893	
CF909	0.00	5.40	0.00	250.00	0.9181	0.0001	14.2550	0.0000	0.1385	99.5957	14200	67.00	-14.10	46.00	990.00	-0.0802	0.0001	14.7521	0.0000	0.1350	303.4970
	0.00	5.78	0.00	388.00	0.8849	0.0002	17.9959	-0.7304	0.1383	113.0952	14400	97.00	-11.01	160.00	1446.00	-0.1120	0.0002	0.0000	-0.7903	0.1359	242.7633
	0.00	6.30	0.00	452.00	0.8446	0.0002	21.8949	-0.9204	0.1385	112.1657	14600	132.00	-12.00	342.00	1112.00	-0.1512	0.0002	22.0379	-0.9717	0.1353	243.9605
	0.00	6.61	0.00	574.00	0.7969	0.0002	27.5237	-1.1093	0.1387	128.6136	14800	170.00	-15.84	332.00	3676.00	-0.1979	0.0002	27.6451	-1.1517	0.1329	236.5435
	982.00	9.84	38.00	696.00	0.7423	0.0003	31.1300	-1.2841	0.147												

