

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	147.00	-6.96	60.00	614.00	1.0000	0.0000	0.0000	0.0000	0.2666	98.1992	1660	0.50	0.00	0.00	1004.00	0.0000	0.0000	0.0000	0.0000	0.2354	307.3925
	127.00	-7.97	80.00	854.00	1.0000	0.0000	0.0000	0.0000	0.2345	122.0219	1680	0.50	0.00	0.00	3050.00	0.0000	0.0000	0.0002	-0.0001	0.2072	544.0584
	107.00	-9.32	70.00	680.00	1.0000	0.0000	0.0000	0.0000	0.2017	137.5248	1700	0.50	0.00	0.00	4408.00	-0.0003	0.0000	0.0029	-0.0014	0.1776	719.9575
	89.50	-8.67	100.00	732.00	0.9981	0.0003	0.0161	-0.0069	0.2262	140.6063	1720	0.50	0.00	0.00	1270.00	-0.0025	0.0002	0.0229	-0.0113	0.1480	536.9165
	66.50	-14.74	162.00	992.00	0.9840	0.0013	0.1151	-0.0546	0.1199	177.7322	1740	0.50	0.00	632.00	4314.00	-0.0162	0.0013	0.1178	-0.0580	0.1187	392.5814
	47.00	-19.66	108.00	1304.00	0.9311	0.0042	0.3934	-0.1876	0.1021	225.4920	1760	1.00	100.00	526.00	6946.00	-0.0687	0.0042	0.3942	-0.1900	0.1016	379.6516
	29.50	-26.25	572.00	1342.00	0.7987	0.0089	0.8594	-0.4014	0.1001	252.7389	1780	2.50	25.00	622.00	9526.00	-0.2008	0.0089	0.8595	-0.4028	0.0878	329.8496
	14.00	-42.86	552.00	1812.00	0.5785	0.0124	1.2226	-0.5605	0.0861	283.6652	1800	8.50	30.77	1510.00	7586.00	-0.4209	0.0124	1.2226	-0.5608	0.0902	371.9990
	5.00	-60.00	1376.00	4236.00	0.3324	0.0115	1.1348	-0.5209	0.0839	353.5036	1820	19.00	31.03	1282.00	15882.00	-0.6671	0.0115	1.1348	-0.5202	0.0840	298.5649
	1.50	-72.73	2110.00	9546.00	0.1448	0.0072	0.6874	-0.3270	0.0883	432.3171	1840	36.00	30.91	774.00	15538.00	-0.8548	0.0072	0.6871	-0.3251	0.0961	272.5169
	0.50	-75.00	830.00	11986.00	0.0468	0.0031	0.3123	-0.1403	0.0971	457.9165	1860	52.50	19.32	170.00	9820.00	-0.9531	0.0031	0.3106	-0.1375	0.0000	235.0327
	0.50	0.00	2.00	9148.00	0.0110	0.0009	0.0847	-0.0416	0.1252	504.0489	1880	72.50	16.00	78.00	928.00	-0.9893	0.0009	0.0811	-0.0378	0.0000	200.8500
	0.50	0.00	0.00	7434.00	0.0019	0.0002	0.0190	-0.0086	0.1517	477.1524	1900	92.50	12.80	96.00	1034.00	-0.9989	0.0002	0.0100	-0.0039	0.0000	174.0064
	0.50	0.00	0.00	4346.00	0.0002	0.0000	0.0031	-0.0013	0.1779	458.7684	1920	114.50	12.25	36.00	962.00	-1.0000	0.0000	0.0000	0.0000	0.1801	153.4126
	0.50	0.00	0.00	4170.00	0.0000	0.0000	0.0003	-0.0001	0.2028	469.7518	1940	130.00	6.56	20.00	968.00	-1.0000	0.0000	0.0000	0.0000	0.0000	137.9081
	0.50	0.00	0.00	5252.00	0.0000	0.0000	0.0000	0.0000	0.2266	727.7085	1960	150.00	5.63	40.00	830.00	-1.0000	0.0000	0.0000	0.0000	0.0000	113.7580
	0.50	0.00	0.00	2602.00	0.0000	0.0000	0.0000	0.0000	0.2501	600.5852	1980	170.00	4.94	60.00	894.00	-1.0000	0.0000	0.0000	0.0000	0.0000	104.2410
0.50	0.00	0.00	876.00	0.0000	0.0000	0.0000	0.0000	0.2735	521.6143	2000	190.00	4.40	40.00	780.00	-1.0000	0.0000	0.0000	0.0000	0.0000	92.1302	
0.50	0.00	0.00	770.00	0.0000	0.0000	0.0000	0.0000	0.2965	548.1850	2020	210.00	3.96	20.00	734.00	-1.0000	0.0000	0.0000	0.0000	0.0000	85.7888	
0.50	0.00	0.00	1198.00	0.0000	0.0000	0.0000	0.0000	0.3194	592.8906	2040	230.00	3.60	20.00	736.00	-1.0000	0.0000	0.0000	0.0000	0.0000	69.9448	
C1909	140.50	-8.17	140.00	808.00	0.8971	0.0016	1.8524	-0.0676	0.1137	88.8046	1700	7.50	0.00	190.00	2468.00	-0.1005	0.0016	1.8854	-0.0736	0.1105	175.2259
	126.50	-6.99	82.00	1150.00	0.8577	0.0020	2.4827	-0.0872	0.1232	95.6521	1720	10.00	-4.76	674.00	4378.00	-0.1387	0.0020	2.5095	-0.0924	0.1085	187.4272
	106.50	-11.25	4.00	824.00	0.8100	0.0024	2.9313	-0.1071	0.1091	106.4214	1740	14.50	3.57	92.00	4640.00	-0.1853	0.0024	2.9432	-0.1114	0.1105	214.1040
	96.00	-8.13	72.00	1170.00	0.7549	0.0028	3.3565	-0.1259	0.1211	105.9809	1760	18.50	-2.63	340.00	11542.00	-0.2397	0.0028	3.3608	-0.1293	0.1074	182.7076
	78.00	-13.81	62.00	1048.00	0.6930	0.0032	3.8839	-0.1422	0.1093	121.9953	1780	24.00	-4.00	158.00	6550.00	-0.3011	0.0031	3.8875	-0.1447	0.1058	159.3386
	68.00	-12.26	224.00	1294.00	0.6257	0.0034	4.1512	-0.1546	0.1152	127.0217	1800	31.50	0.00	546.00	3874.00	-0.3680	0.0034	4.1518	-0.1561	0.1062	177.7323
	57.00	-12.98	94.00	1148.00	0.5552	0.0035	4.3169	-0.1621	0.1153	129.2214	1820	39.50	0.00	3192.00	4416.00	-0.4383	0.0035	4.3168	-0.1627	0.1047	155.4809
	45.50	-17.27	566.00	1888.00	0.4837	0.0036	4.3695	-0.1643	0.1116	149.8256	1840	50.50	3.06	690.00	2978.00	-0.5097	0.0036	4.3695	-0.1640	0.1072	145.8109
	36.00	-20.88	776.00	1700.00	0.4134	0.0035	4.3057	-0.1612	0.1098	157.3540	1860	63.00	5.88	256.00	946.00	-0.5802	0.0035	4.3049	-0.1600	0.1102	130.7982
	28.50	-24.00	2820.00	4232.00	0.3465	0.0033	3.9963	-0.1532	0.1094	183.8939	1880	72.50	2.11	168.00	802.00	-0.6474	0.0033	3.9956	-0.1510	0.1028	136.5022
	24.50	-18.33	2244.00	5306.00	0.2848	0.0030	3.6833	-0.1411	0.1146	178.1332	1900	86.50	2.98	122.00	796.00	-0.7096	0.0031	3.6803	-0.1380	0.1029	120.7855
	19.50	-18.75	346.00	1664.00	0.2293	0.0027	3.3053	-0.1262	0.1153	1271.3541	1920	101.00	3.06	46.00	770.00	-0.7657	0.0028	3.2975	-0.1222	0.1011	109.4986
	15.00	-21.05	244.00	1790.00	0.1810	0.0024	2.8878	-0.1098	0.1152	1163.7807	1940	121.50	8.00	56.00	904.00	-0.8149	0.0024	2.8720	-0.1049	0.1156	103.0165
	13.00	-13.33	116.00	2692.00	0.1399	0.0020	2.4565	-0.0929	0.1201	194.7099	1960	135.00	5.06	186.00	380.00	-0.8569	0.0021	2.4287	-0.0871	0.1046	100.4932
	10.00	-13.04	272.00	8374.00	0.1060	0.0016	2.0344	-0.0765	0.1201	207.7373	1980	155.50	7.24	102.00	776.00	-0.8920	0.0017	1.9901	-0.0699	0.1173	258.3323
	9.00	5.88	2424.00	22728.00	0.0787	0.0013	1.6404	-0.0614	0.1263	203.9910	2000	171.00	5.56	0.00	756.00	-0.9206	0.0014	1.5740	-0.0540	0.1064	82.4630
	7.00	7.69	64.00	972.00	0.0573	0.0010	1.2877	-0.0481	0.1267	1247.2297	2020	188.50	4.72	18.00	390.00	-0.9436	0.0011	1.1942	-0.0398	0.0974	207.7150
5.50	10.00	104.00	1474.00	0.0409	0.0008	0.9841	-0.0367	0.1282	281.4824	2040	210.50	6.31	32.00	644.00	-0.9618	0.0009	0.8571	-0.0277	0.1215	192.7318	
4.50	28.57	196.00	1662.00	0.0286	0.0006	0.7322	-0.0274	0.1301	315.9473	2060	229.50	5.76	66.00	386.00	-0.9760	0.0007	0.5653	-0.0176	0.1232	171.5243	
4.00	60.00	586.00	5138.00	0.0196	0.0004	0.5303	-0.0200	0.1349	234.9129	2080	243.00	2.97	46.00	972.00	-0.9871	0.0006	0.3177	-0.0094	0.0000	160.5952	
M1905	266.50	-12.91	138.00	438.00	1.0000	0.0000	0.0000	0.0000	0.5238	115.3618	2250	0.50000	0.0000	2.0000	3,048.0000	0.0000	0.0000	0.0000	0.0000	0.2768	417.2523
	216.50	-15.43	140.00	826.00	1.0000	0.0000	0.0000	0.0000	0.4433	128.9743	2300	0.50000	0.0000	86.0000	6,262.0000	-0.0001	0.0000	0.0022	-0.0012	0.2263	376.9256
	157.00	-23.79	244.00	1068.00	0.9977	0.0002	0.0296	-0.0158	0.2449	144.7990	2350	1.00000	100.0000	130.0000	8,726.0000	-0.0029	0.0002	0.0395	-0.0236	0.1964	362.4941
	107.50	-31.53	178.00	1080.00	0.9673	0.0013	0.3108	-0.1865	0.1866	173.3861	2400	2.50000	150.0000	2,366.0000	16,600.0000	-0.0326	0.0013	0.3134	-0.1919	0.1713	372.5780
	61.50	-44.09	2352.00	2326.00	0.8293	0.0044	1.1030	-0.6643	0.1525	218.6871	2450	6.00000	50.0000	3,734.0000	12,546.0000	-0.1702	0.0044	1.1034	-0.6672	0.1391	383.8524
	26.00	-62.59	5646.00	10500.00	0.5318	0.0069	1.7308	-1.0468	0.1380	278.4536	2500	20.00000	48.1481	#####	23,938.0000	-0.4676	0.0069	1.7308	-1.0471	0.1264	372.7035
	10.00	-73.33	21086.00	19190.00	0.2192	0.0051	1.2949	-0.7784	0.1540	314.7431	2550	52.50000	64.0625	4,914.0000	6,456.0000	-0.7803	0.0051	1.2947	-0.7759	0.1282	312.1189
	4.50	-74.29	9266.00	31374.00	0.0532	0.0019	0.4969	-0.2856	0.1814	302.3530	2600	97.00000	57.7236	1,564.0000	8,220.0000	-0.9466	0.0019	0.4944	-0.2806	0.1277	249.5613
	2.50	-61.54	9984.00	19502.00	0.0074	0.0004	0.0976	-0.0537	0.2114	286.3526	2650	145.50000	44.7761	356.0000	3,954.0000	-0.9930	0.0004	0.0890	-0.0462	0.0000	198.9996
	2.00	0.00	5612.00	28688.00	0.0006	0.0000	0.0098	-0.0054	0.2528	278.8883	2700	195.50000	33.9041	740.0000	16,492.0000	-1.0000	0.0000	0.0000	0.0000	0.0000	165.3031
	1.00	100.00	2686.00	14834.00	0.0000	0.0000	0.0005	-0.0003	0.2697	310.6481	2750	246.50000	26.7352	502.0000	5,796.0000	-1.0000	0.0000	0.0000	0.0000	0.2488	139.1229
	0.50	0.00	1814.00	18330.00	0.0																

	0.50	0.00	0.00	6238.00	0.0000	0.0000	0.0000	0.0000	0.4963	403.0512	3100	574.00000	5.5147	0.0000	306.0000	-1.0000	0.0000	0.0000	0.0000	0.0000	64.3804
	0.50	0.00	0.00	14364.00	0.0000	0.0000	0.0000	0.0000	0.5284	333.8259	3150	624.00000	5.0505	0.0000	332.0000	-1.0000	0.0000	0.0000	0.0000	0.0000	61.2031
	0.50	0.00	0.00	13560.00	0.0000	0.0000	0.0000	0.0000	0.5601	250.9119	3200	674.00000	4.6584	0.0000	324.0000	-1.0000	0.0000	0.0000	0.0000	0.0000	55.8391
	0.50	0.00	200.00	21324.00	0.0000	0.0000	0.0000	0.0000	0.5912	272.8027	3250	724.00000	4.3228	0.0000	216.0000	-1.0000	0.0000	0.0000	0.0000	0.0000	53.4148
MI909	246.00	-14.73	30.00	918.00	0.8738	0.0010	3.1442	-0.1477	0.1726	74.9000	2350	16.00	-34.69	996.00	4822.00	-0.1229	0.0010	3.1838	-0.1577	0.1426	211.0719
	211.50	-15.06	106.00	1116.00	0.8109	0.0013	4.0762	-0.1984	0.1798	91.9373	2400	28.00	-20.00	990.00	10578.00	-0.1844	0.0013	4.0916	-0.2062	0.1484	198.1984
	173.00	-18.78	74.00	828.00	0.7340	0.0016	4.9466	-0.2451	0.1713	109.8624	2450	43.00	-11.34	1446.00	7946.00	-0.2604	0.0016	4.9507	-0.2507	0.1510	201.1288
	138.50	-22.84	586.00	1330.00	0.6459	0.0018	5.6393	-0.2812	0.1652	117.9612	2500	61.00	-6.15	1598.00	15748.00	-0.3478	0.0018	5.6397	-0.2845	0.1514	162.9462
	118.00	-21.07	112.00	1166.00	0.5511	0.0019	6.0486	-0.3017	0.1765	114.6329	2550	86.00	1.18	1704.00	5696.00	-0.4423	0.0019	6.0486	-0.3026	0.1565	144.8055
	92.00	-25.20	540.00	5480.00	0.4552	0.0019	6.1071	-0.3040	0.1722	121.6409	2600	113.50	5.09	1026.00	4084.00	-0.5383	0.0019	6.1070	-0.3026	0.1587	152.5526
	74.50	-25.50	2384.00	6762.00	0.3635	0.0018	5.8056	-0.2890	0.1761	130.5151	2650	146.00	8.15	434.00	2962.00	-0.6303	0.0018	5.8040	-0.2852	0.1627	132.3808
	61.50	-23.13	2388.00	18328.00	0.2805	0.0016	5.1967	-0.2601	0.1827	131.1796	2700	176.50	7.29	322.00	2842.00	-0.7139	0.0016	5.1906	-0.2541	0.1571	125.0257
	51.50	-18.90	832.00	6172.00	0.2091	0.0014	4.3800	-0.2225	0.1905	133.7226	2750	214.00	8.08	36.00	1682.00	-0.7862	0.0014	4.3653	-0.2142	0.1578	122.3582
	41.50	-16.16	2198.00	9376.00	0.1505	0.0011	3.4764	-0.1812	0.1932	133.1301	2800	255.00	8.97	62.00	1288.00	-0.8461	0.0012	3.4475	-0.1708	0.1602	109.0777
	34.50	-9.21	862.00	9126.00	0.1049	0.0009	2.8890	-0.1410	0.1990	142.6130	2850	303.50	11.58	50.00	1136.00	-0.8933	0.0009	2.8175	-0.1284	0.1771	99.8626
	30.50	5.17	1632.00	14498.00	0.0707	0.0007	2.0735	-0.1051	0.2090	175.5236	2900	345.00	10.22	104.00	330.00	-0.9293	0.0007	1.9713	-0.0905	0.1721	73.3039
	26.00	18.18	424.00	6072.00	0.0460	0.0005	1.4013	-0.0751	0.2152	205.7928	2950	388.00	9.14	158.00	388.00	-0.9562	0.0005	1.2595	-0.0584	0.1642	69.9358
	22.00	37.50	598.00	6654.00	0.0292	0.0003	1.0458	-0.0517	0.2209	143.7533	3000	436.50	9.13	34.00	400.00	-0.9756	0.0004	0.8054	-0.0331	0.1720	63.4536
	19.00	58.33	446.00	2150.00	0.0179	0.0002	0.6389	-0.0342	0.2271	266.9659	3050	482.00	8.19	16.00	286.00	-0.9897	0.0003	0.3366	-0.0138	0.1584	58.6290
17.00	100.00	428.00	3690.00	0.0107	0.0001	0.4459	-0.0219	0.2349	313.6960	3100	531.00	7.93	4.00	354.00	-0.9997	0.0001	0.0000	0.0000	0.1601	53.6475	
15.50	158.33	3032.00	31316.00	0.0062	0.0001	0.2462	-0.0135	0.2443	153.2712	3150	566.50	5.00	0.00	1618.00	-1.0000	0.0000	0.0000	0.0000	0.0000	53.4707	
CU1904	4205.00	0.00	0.00	210.00	0.0000	0.0000	0.0000	0.0000	0.0000	98.8205	44000	2.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	631.4800
	3060.00	0.00	0.00	180.00	0.0000	0.0000	0.0000	0.0000	0.0000	122.8509	45000	1.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	451.1602
	2060.00	0.00	0.00	194.00	0.0000	0.0000	0.0000	0.0000	0.0000	158.5290	46000	2.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	506.8268
	1020.00	0.00	0.00	254.00	0.0000	0.0000	0.0000	0.0000	0.0000	219.3467	47000	1.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	426.4137
	35.00	0.00	0.00	446.00	0.0000	0.0000	0.0000	0.0000	0.0000	687.4931	48000	1.00	0.00	0.00	6.00	0.0000	0.0000	0.0000	0.0000	0.0000	569.8658
	1.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	940.9708	49000	958.00	0.00	0.00	1808.00	0.0000	0.0000	0.0000	0.0000	0.0000	533.1247
	1.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	639.1262	50000	1940.00	0.00	0.00	562.00	0.0000	0.0000	0.0000	0.0000	0.0000	296.6232
	1.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	603.3837	51000	2940.00	0.00	0.00	244.00	0.0000	0.0000	0.0000	0.0000	0.0000	201.9288
CU1905	1.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	677.6787	52000	3940.00	0.00	0.00	208.00	0.0000	0.0000	0.0000	0.0000	0.0000	150.1727
	1.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	601.0821	53000	4940.00	0.00	0.00	140.00	0.0000	0.0000	0.0000	0.0000	0.0000	119.3491
	1.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	597.6370	54000	5940.00	0.00	0.00	254.00	0.0000	0.0000	0.0000	0.0000	0.0000	92.1780
	4389.00	0.32	102.00	216.00	0.9980	0.0000	0.1184	0.2700	0.1955	100.1086	44000	7.00	600.00	218.00	1194.00	-0.0002	0.0000	0.1184	-0.0219	0.1514	402.4492
	3381.00	0.03	64.00	160.00	0.9943	0.0000	1.5086	-0.0541	0.1477	142.4183	45000	13.00	225.00	420.00	1000.00	-0.0039	0.0000	1.5086	-0.2790	0.1307	505.1599
	2409.00	0.12	180.00	246.00	0.9664	0.0001	9.3785	-1.5761	0.1270	161.6616	46000	35.00	25.00	768.00	1268.00	-0.0318	0.0001	9.3785	-1.7341	0.1157	527.8246
	1495.00	-0.99	548.00	282.00	0.8546	0.0002	29.7595	-5.4085	0.1126	189.4928	47000	118.00	-9.92	1532.00	1522.00	-0.1436	0.0002	29.7595	-5.4996	0.1066	422.3292
	758.00	-4.29	1526.00	684.00	0.6124	0.0003	50.2417	-9.2475	0.1075	233.9140	48000	384.00	-7.02	1696.00	2706.00	-0.3858	0.0003	50.2417	-9.2716	0.1046	336.3305
319.00	-3.63	1170.00	1738.00	0.3185	0.0003	46.8954	-8.6587	0.1109	272.6800	49000	944.00	-0.63	1238.00	2336.00	-0.6797	0.0003	46.8954	-8.6159	0.1080	267.8876	
116.00	10.48	814.00	2092.00	0.1122	0.0001	25.0770	-4.6350	0.1163	340.1345	50000	1736.00	0.75	378.00	676.00	-0.8860	0.0001	25.0770	-4.5253	0.1106	211.7880	
45.00	80.00	1036.00	1720.00	0.0260	0.0000	7.9404	-1.4683	0.1266	376.1870	51000	2621.00	-0.79	168.00	256.00	-0.9722	0.0000	7.9404	-1.2915	0.0000	170.2047	
17.00	325.00	176.00	1072.00	0.0039	0.0000	1.5351	-0.2839	0.1357	352.4345	52000	3575.00	-1.24	88.00	164.00	-0.9943	0.0000	1.5351	-0.0403	0.0000	130.8377	
12.00	1100.00	174.00	1584.00	0.0004	0.0000	0.1865	-0.0345	0.1566	345.1764	53000	4560.00	-1.19	44.00	198.00	-0.9978	0.0000	0.1865	0.2761	0.0000	110.3956	
7.00	600.00	238.00	1556.00	0.0000	0.0000	0.0146	-0.0027	0.1711	411.8258	54000	5574.00	-0.69	58.00	206.00	-0.9982	0.0000	0.0146	0.3748	0.0000	90.9582	
CU1906	4435.00	-0.02	72.00	144.00	0.9876	0.0000	4.5030	-0.0786	0.1225	107.2854	44000	20.00	185.71	234.00	2330.00	-0.0084	0.0000	4.5030	-0.3745	0.1199	432.2100
	3454.00	-0.26	80.00	62.00	0.9628	0.0000	14.5249	-0.9785	0.1076	114.4161	45000	36.00	12.50	356.00	544.00	-0.0332	0.0000	14.5249	-1.2076	0.1066	402.4592
	2525.00	-0.59	112.00	164.00	0.8980	0.0001	33.9048	-2.6544	0.1039	156.7760	46000	93.00	-13.08	150.00	1438.00	-0.0979	0.0001	33.9048	-2.8167	0.1006	1140.3163
	1682.00	-2.10	326.00	98.00	0.7733	0.0002	58.4432	-4.7532	0.1005	177.2330	47000	251.00	-10.68	754.00	1272.00	-0.2227	0.0002	58.4432	-4.8487	0.0994	461.0688
	1013.00	-3.52	268.00	234.00	0.5926	0.0002	75.7975	-6.2432	0.1009	214.7300	48000	574.00	-6.06	672.00	618.00	-0.4034	0.0002	75.7975	-6.2719	0.0995	225.8193
	552.00	-3.33	332.00	522.00	0.3925	0.0002	75.2559	-6.2301	0.1030	224.5474	49000	1108.00	-1.95	312.00	270.00	-0.6034	0.0002	75.2559	-6.1920	0.1014	194.4699
	299.00	9.52	494.00	624.00	0.2206	0.0002	58.1237	-4.8230	0.1096	257.0935	50000	1829.00	0.00	290.00	164.00	-0.7754	0.0002	58.1237	-4.7181	0.1041	168.4547
	141.00	24.78	342.00	1360.00	0.1041	0.0001	35.4448	-2.9447	0.1120	260.8163	51000	2684.00	0.64	110.00	476.00	-0.8919	0.0001	35.4448	-2.7730	0.1080	128.9222
	71.00	73.17	392.00	716.00	0.0412	0.0000	17.3038	-1.4385	0.1180	294.0076	52000	3539.00	-1.48	38.00	74.00	-0.9548	0.0000	17.3038	-1.2001	0.0000	119.0149
	33.00	175.00	134.00	908.00	0.0136</																

RU1905	323.00	-42.22	150.00	100.00	0.6193	0.0006	11.5328	-4.6037	0.1841	256.5857	11000	184.00	68.81	748.00	952.00	-0.3793	0.0006	11.5327	-4.6130	0.2195	543.3446
	210.00	-46.43	338.00	260.00	0.4687	0.0006	12.0586	-4.8177	0.1998	282.7148	11250	237.00	23.44	620.00	588.00	-0.5299	0.0006	12.0586	-4.8141	0.1644	450.4619
	112.00	-57.09	476.00	540.00	0.3253	0.0005	11.1047	-4.3691	0.1938	324.6530	11500	411.00	32.58	496.00	1146.00	-0.6733	0.0005	11.1030	-4.3526	0.1749	411.9907
	71.00	-56.17	532.00	948.00	0.2065	0.0004	8.5966	-3.4637	0.2118	348.4277	11750	577.00	24.89	164.00	508.00	-0.7924	0.0004	8.5924	-3.4345	0.1126	344.5063
	62.00	-34.74	546.00	1908.00	0.1195	0.0003	6.2234	-2.4229	0.2522	375.2574	12000	808.00	25.47	152.00	594.00	-0.8797	0.0003	6.2053	-2.3813	0.0000	306.3951
	51.00	-1.92	342.00	900.00	0.0631	0.0002	3.5657	-1.5058	0.2826	379.9829	12250	1071.00	25.85	82.00	318.00	-0.9365	0.0002	3.5373	-1.4521	0.1465	276.2488
	36.00	38.46	308.00	1248.00	0.0305	0.0001	2.0281	-0.8389	0.2969	389.7830	12500	1300.00	20.93	78.00	280.00	-0.9697	0.0001	1.9680	-0.7735	0.0000	234.0928
	21.00	75.00	122.00	612.00	0.0135	0.0001	1.0359	-0.4212	0.2979	402.0216	12750	1536.00	17.16	102.00	160.00	-0.9874	0.0001	0.9280	-0.3444	0.0000	211.9438
	22.00	340.00	254.00	2298.00	0.0055	0.0000	0.4751	-0.1917	0.3343	412.7609	13000	1790.00	15.19	66.00	320.00	-0.9963	0.0000	0.3028	-0.1040	0.0000	181.6716
	16.00	700.00	230.00	466.00	0.0021	0.0000	0.1956	-0.0795	0.3474	375.6587	13250	2053.00	13.99	48.00	64.00	-1.0000	0.0000	0.0000	0.0000	0.0000	134.5248
	13.00	1200.00	186.00	1066.00	0.0007	0.0000	0.0722	-0.0302	0.3631	325.3841	13500	2278.00	11.12	36.00	22.00	-1.0000	0.0000	0.0000	0.0000	0.0000	124.7383
	9.00	800.00	82.00	1326.00	0.0002	0.0000	0.0239	-0.0105	0.3704	391.5126	13750	2545.00	10.65	14.00	44.00	-1.0000	0.0000	0.0000	0.0000	0.0000	119.5497
	9.00	800.00	242.00	1132.00	0.0001	0.0000	0.0098	-0.0034	0.3967	319.9803	14000	2735.00	7.25	0.00	24.00	-1.0000	0.0000	0.0000	0.0000	0.0000	98.4533
9.00	800.00	184.00	272.00	0.0000	0.0000	0.0027	-0.0010	0.4226	559.1847	14250	3008.00	7.43	2.00	58.00	-1.0000	0.0000	0.0000	0.0000	0.0000	70.6288	
RU1909	1723.00	-7.17	0.00	160.00	0.8517	0.0001	16.0335	-1.1192	0.2884	98.1203	10000	100.00	-15.97	32.00	428.00	-0.1438	0.0001	16.1461	-1.1855	0.1998	461.4211
	1529.00	-7.50	0.00	82.00	0.8067	0.0002	20.2646	-1.3517	0.2823	109.7696	10250	153.00	-6.71	20.00	72.00	-0.1879	0.0002	20.3661	-1.4072	0.2039	449.1937
	1347.00	-7.74	0.00	98.00	0.7557	0.0002	23.0456	-1.5684	0.2759	115.7372	10500	190.00	-13.64	56.00	194.00	-0.2381	0.0002	23.0914	-1.6128	0.1931	451.9037
	1178.00	-7.97	0.00	42.00	0.6998	0.0002	25.4672	-1.7561	0.2722	123.8859	10750	300.00	3.81	86.00	454.00	-0.2934	0.0002	25.4843	-1.7893	0.2084	360.6448
	955.00	-14.20	22.00	98.00	0.6403	0.0002	27.3728	-1.9038	0.2436	125.3679	11000	363.00	-2.16	64.00	682.00	-0.3526	0.0002	27.3772	-1.9255	0.1977	300.2271
	792.00	-17.50	4.00	38.00	0.5786	0.0002	28.6280	-2.0036	0.2340	143.4936	11250	488.00	4.27	24.00	588.00	-0.4140	0.0002	28.6284	-2.0138	0.2042	275.0180
	680.00	-17.27	62.00	110.00	0.5163	0.0002	29.1404	-2.0519	0.2382	153.2197	11500	600.00	3.81	30.00	210.00	-0.4763	0.0002	29.1406	-2.0505	0.2004	249.2809
	571.00	-18.31	72.00	90.00	0.4549	0.0002	28.8730	-2.0487	0.2374	163.0312	11750	740.00	5.11	2.00	300.00	-0.5378	0.0002	28.8729	-2.0358	0.2003	243.4053
	504.00	-14.43	214.00	470.00	0.3957	0.0002	28.5928	-1.9978	0.2467	171.4798	12000	947.00	12.34	90.00	202.00	-0.5972	0.0002	28.5790	-1.9734	0.2175	173.4326
	420.00	-14.81	26.00	446.00	0.3401	0.0002	27.2038	-1.9042	0.2472	189.5036	12250	1100.00	10.55	4.00	252.00	-0.6532	0.0002	27.1824	-1.8683	0.2117	181.9915
	308.00	-24.69	198.00	708.00	0.2888	0.0002	25.1962	-1.7782	0.2314	206.2400	12500	1251.00	7.75	2.00	20.00	-0.7050	0.0002	25.1590	-1.7310	0.1990	187.4904
	300.00	-10.98	88.00	228.00	0.2422	0.0002	22.7194	-1.6291	0.2518	201.5038	12750	1485.00	10.99	0.00	110.00	-0.7522	0.0002	22.6593	-1.5707	0.2159	148.8557
	257.00	-6.88	196.00	526.00	0.2007	0.0002	19.9462	-1.4656	0.2563	222.1435	13000	1678.00	9.96	0.00	46.00	-0.7946	0.0002	19.8525	-1.3963	0.2107	139.4747
	225.00	0.00	110.00	508.00	0.1646	0.0002	18.5786	-1.2958	0.2625	221.2455	13250	1880.00	9.11	0.00	40.00	-0.8315	0.0002	18.3724	-1.2157	0.2043	124.8600
	182.00	0.55	68.00	634.00	0.1336	0.0001	15.6626	-1.1275	0.2612	230.9058	13500	2089.00	8.29	0.00	50.00	-0.8637	0.0001	15.4050	-1.0369	0.1948	128.6474
	178.00	22.76	60.00	232.00	0.1070	0.0001	14.2978	-0.9658	0.2775	220.1880	13750	2306.00	7.66	0.00	44.00	-0.8914	0.0001	13.8142	-0.8648	0.1810	114.4710
	134.00	16.52	194.00	434.00	0.0852	0.0001	11.5758	-0.8164	0.2689	257.3939	14000	2529.00	7.12	0.00	44.00	-0.9146	0.0001	11.0407	-0.7052	0.0000	120.1345
	126.00	38.46	82.00	336.00	0.0669	0.0001	9.1245	-0.6801	0.2808	315.0506	14250	2756.00	6.57	0.00	34.00	-0.9343	0.0001	8.5046	-0.5589	0.0000	90.6608
	101.00	42.25	246.00	918.00	0.0522	0.0001	8.0511	-0.5599	0.2775	230.3120	14500	2987.00	6.07	0.00	52.00	-0.9506	0.0001	7.1166	-0.4290	0.0000	71.5440
CF905	0.00	-8.93	0.00	160.00	1.0000	0.0000	0.0000	0.0000	0.4742	201.2985	13800	1.00	0.00	8.00	558.00	0.0000	0.0000	0.0000	0.0000	0.2703	676.1970
	0.00	-10.42	0.00	304.00	1.0000	0.0000	0.0000	0.0000	0.4118	138.1552	14000	1.00	0.00	20.00	2796.00	0.0000	0.0000	0.0000	0.0000	0.2304	554.7203
	822.00	-17.88	4.00	278.00	1.0000	0.0000	0.0000	0.0000	0.0000	151.6368	14200	1.00	0.00	52.00	1732.00	0.0000	0.0000	0.0015	-0.0012	0.1898	447.5708
	625.00	-21.97	2.00	546.00	0.9997	0.0000	0.0192	-0.0148	0.0000	181.7592	14400	2.00	100.00	154.00	1542.00	-0.0008	0.0000	0.0531	-0.0484	0.1631	513.1054
	444.00	-26.25	500.00	620.00	0.9847	0.0002	0.7179	-0.6513	0.0000	203.7666	14600	4.00	33.33	444.00	1990.00	-0.0153	0.0002	0.7274	-0.6748	0.1333	558.3094
	245.00	-39.95	2184.00	754.00	0.8817	0.0009	3.7847	-3.4449	0.0000	261.5685	14800	17.00	112.50	3542.00	3958.00	-0.1181	0.0009	3.7860	-3.4581	0.1204	455.2646
	103.00	-55.02	2584.00	1068.00	0.5876	0.0019	7.5257	-6.8005	0.1022	305.0328	15000	70.00	141.38	3022.00	2214.00	-0.4121	0.0019	7.5257	-6.8030	0.1184	445.8705
	30.00	-68.75	2208.00	1294.00	0.2331	0.0015	5.7264	-5.3521	0.1113	402.4065	15200	199.00	107.29	3214.00	998.00	-0.7667	0.0015	5.7251	-5.3437	0.1343	380.9176
	7.00	-76.67	2298.00	3336.00	0.0479	0.0005	1.9162	-1.7412	0.1215	476.3325	15400	366.00	59.13	1514.00	1154.00	-0.9520	0.0005	1.9116	-1.7222	0.1358	291.9895
	2.00	-77.78	926.00	3882.00	0.0047	0.0001	0.2851	-0.2414	0.1381	535.8809	15600	573.00	40.10	526.00	978.00	-0.9955	0.0001	0.2638	-0.2124	0.2133	260.2282
	1.00	-75.00	1494.00	3274.00	0.0002	0.0000	0.0185	-0.0146	0.1627	547.6219	15800	760.00	26.04	218.00	752.00	-1.0000	0.0000	0.0000	0.0000	0.2073	202.5661
	1.00	-50.00	348.00	3636.00	0.0000	0.0000	0.0004	-0.0004	0.1995	588.3227	16000	930.00	15.96	10.00	702.00	-1.0000	0.0000	0.0000	0.0000	0.0000	201.5965
	1.00	-50.00	36.00	4228.00	0.0000	0.0000	0.0000	0.0000	0.2336	559.3935	16200	1134.00	13.29	8.00	418.00	-1.0000	0.0000	0.0000	0.0000	0.0000	153.4087
1.00	0.00	40.00	7024.00	0.0000	0.0000	0.0000	0.0000	0.2673	558.5109	16400	1372.00	14.33	30.00	212.00	-1.0000	0.0000	0.0000	0.0000	0.4104	154.5810	
1.00	0.00	8.00	3666.00	0.0000	0.0000	0.0000	0.0000	0.3006	585.3072	16600	1544.00	10.29	8.00	78.00	-1.0000	0.0000	0.0000	0.0000	0.0000	134.1009	
CF909	0.00	-8.96	0.00	250.00	0.9139	0.0002	13.7607	-0.5367	0.1318	99.5957	14200	35.00	9.38	384.00	1636.00	-0.0843	0.0002	14.1270	-0.5947	0.1054	286.8337
	1173.00	-11.00	18.00	384.00	0.8741	0.0002	18.9559	-0.7310	0.1222	108.4622	14400	59.00	9.26	386.00	2168.00	-0.1227	0.0002	19.2085	-0.7806	0.1066	233.3162
	997.00	-13.38	20.00	494.00	0.8245	0.0003	22.7640	-0.9343	0.1157	112.1657	14600	94.00	9.30	560.00	2748.00	-0.1712	0.0003	22.8592	-0.9752	0.1081	236.7645
	848.00	-14.86	18.00	652.00	0.7652	0.0003	28.0574	-1.1295	0.1169	127.8152	14800	144.00	11.63	430.00	4478.00	-0.2296	0.0003	28.1117	-1.1615	0.1104	225.8802
	707.00	-17.21	110.00	900.00</																	

