

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	170.00	0.59	6.00	506.00	1.0000	0.0000	0.0000	0.0000	0.0000	107.1961	1660	0.50	0.00	0.00	834.00	-0.0002	0.0000	0.0046	-0.0009	0.1707	487.9550
	154.50	3.69	38.00	724.00	1.0000	0.0000	0.0000	0.0000	0.0000	137.8166	1680	0.50	0.00	16.00	2534.00	-0.0011	0.0001	0.0176	-0.0033	0.1530	603.7848
	135.00	4.25	12.00	696.00	0.9980	0.0003	0.0283	-0.0044	0.0000	155.0283	1700	1.50	200.00	828.00	4270.00	-0.0039	0.0002	0.0572	-0.0109	0.1634	734.7738
	115.50	4.52	72.00	682.00	0.9888	0.0006	0.1397	-0.0239	0.1211	155.9447	1720	1.50	0.00	60.00	1146.00	-0.0120	0.0006	0.1570	-0.0295	0.1432	490.8364
	96.50	4.89	138.00	976.00	0.9683	0.0014	0.3545	-0.0626	0.1240	192.7220	1740	2.50	-16.67	250.00	4350.00	-0.0317	0.0013	0.3641	-0.0674	0.1378	366.1716
	79.50	6.00	230.00	906.00	0.9274	0.0026	0.7091	-0.1261	0.1361	242.5064	1760	4.00	-33.33	472.00	7600.00	-0.0721	0.0026	0.7140	-0.1298	0.1306	428.2713
	63.00	6.78	368.00	1080.00	0.8566	0.0043	1.1821	-0.2101	0.1365	259.2999	1780	7.00	-30.00	786.00	7222.00	-0.1424	0.0042	1.1844	-0.2129	0.1284	336.8644
	48.00	6.67	126.00	1726.00	0.7513	0.0060	1.5759	-0.2968	0.1344	277.6460	1800	11.50	-28.13	430.00	7970.00	-0.2474	0.0060	1.5762	-0.2986	0.1257	348.6530
	33.50	1.52	526.00	3556.00	0.6165	0.0072	1.9359	-0.3591	0.1255	305.0993	1820	19.50	-18.75	476.00	3624.00	-0.3820	0.0072	1.9359	-0.3598	0.1306	276.7672
	24.50	4.26	2420.00	8208.00	0.4675	0.0075	2.0125	-0.3750	0.1325	331.3405	1840	30.00	-13.04	678.00	14144.00	-0.5310	0.0075	2.0125	-0.3747	0.1350	244.9874
	16.50	6.45	1740.00	17400.00	0.3244	0.0068	1.8430	-0.3396	0.1333	350.7768	1860	41.50	-10.75	354.00	10280.00	-0.6742	0.0068	1.8428	-0.3383	0.1335	217.1780
	11.00	10.00	804.00	7510.00	0.2045	0.0054	1.4191	-0.2681	0.1361	395.4470	1880	55.50	-9.02	140.00	950.00	-0.7943	0.0054	1.4184	-0.2658	0.1334	190.4247
	7.50	25.00	266.00	6168.00	0.1166	0.0037	1.0219	-0.1853	0.1413	381.9858	1900	72.50	-5.84	180.00	902.00	-0.8825	0.0037	1.0189	-0.1821	0.1419	169.0573
	4.50	28.57	912.00	4964.00	0.0600	0.0022	0.5825	-0.1126	0.1414	379.0548	1920	90.00	-4.76	96.00	960.00	-0.9396	0.0023	0.5773	-0.1084	0.1468	139.7675
	2.50	25.00	1524.00	5050.00	0.0278	0.0012	0.3297	-0.0605	0.1406	394.1049	1940	108.00	-4.42	200.00	790.00	-0.9724	0.0012	0.3178	-0.0553	0.1483	134.2698
	1.50	50.00	1984.00	6652.00	0.0116	0.0006	0.1676	-0.0287	0.1432	814.5068	1960	125.50	-4.92	14.00	632.00	-0.9894	0.0006	0.1446	-0.0226	0.1220	113.5304
	1.00	100.00	1020.00	3144.00	0.0044	0.0002	0.0618	-0.0121	0.1492	639.2275	1980	146.50	-3.30	42.00	672.00	-0.9976	0.0003	0.0318	-0.0052	0.1635	104.0358
	0.50	0.00	4.00	672.00	0.0015	0.0001	0.0246	-0.0046	0.1479	661.7091	2000	166.00	-2.92	32.00	500.00	-1.0000	0.0000	0.0000	0.0000	0.1696	100.2122
	0.50	0.00	0.00	732.00	0.0005	0.0000	0.0088	-0.0015	0.1624	697.9609	2020	190.00	-0.52	0.00	536.00	-1.0000	0.0000	0.0000	0.0000	0.2529	88.1568
	0.50	0.00	0.00	866.00	0.0001	0.0000	0.0028	-0.0005	0.1767	757.6704	2040	204.50	-3.08	74.00	494.00	-1.0000	0.0000	0.0000	0.0000	0.0000	76.2125
C1909	180.50	6.80	32.00	348.00	0.9369	0.0011	1.3640	-0.0436	0.1034	89.4932	1700	6.50	-27.78	52.00	330.00	-0.0626	0.0010	1.4408	-0.0514	0.1215	205.3715
	161.00	5.92	46.00	796.00	0.9108	0.0013	1.7820	-0.0592	0.0968	99.6718	1720	9.00	-25.00	12.00	596.00	-0.0872	0.0013	1.8309	-0.0662	0.1218	201.8432
	147.00	8.09	4.00	618.00	0.8787	0.0016	2.2358	-0.0762	0.1138	107.6515	1740	12.00	-22.58	232.00	3826.00	-0.1180	0.0016	2.2657	-0.0824	0.1218	227.0097
	128.00	5.79	22.00	930.00	0.8401	0.0020	2.9262	-0.0940	0.1052	105.0887	1760	16.00	-21.95	164.00	11070.00	-0.1554	0.0019	2.9543	-0.0994	0.1223	175.1536
	113.00	6.10	98.00	772.00	0.7953	0.0023	3.4028	-0.1117	0.1081	117.7728	1780	19.50	-25.00	206.00	5534.00	-0.1993	0.0022	3.4182	-0.1161	0.1187	163.3482
	92.00	-1.08	24.00	684.00	0.7446	0.0026	3.8430	-0.1281	0.0912	128.1884	1800	25.50	-21.54	20.00	1426.00	-0.2493	0.0025	3.8505	-0.1316	0.1201	174.9560
	86.00	6.83	88.00	772.00	0.6888	0.0028	4.2199	-0.1422	0.1117	124.1427	1820	33.00	-17.50	112.00	998.00	-0.3045	0.0028	4.2231	-0.1449	0.1228	156.0554
	73.00	5.04	22.00	684.00	0.6290	0.0030	4.5085	-0.1533	0.1104	140.3232	1840	40.00	-17.53	162.00	1256.00	-0.3640	0.0030	4.5094	-0.1550	0.1209	143.8928
	64.00	8.47	378.00	1066.00	0.5666	0.0031	4.6880	-0.1605	0.1154	144.8170	1860	49.50	-14.66	72.00	586.00	-0.4261	0.0031	4.6881	-0.1614	0.1225	123.7530
	56.00	12.00	76.00	922.00	0.5032	0.0032	4.7451	-0.1636	0.1201	181.2136	1880	64.50	-6.52	0.00	424.00	-0.4895	0.0032	4.7452	-0.1635	0.1339	128.9996
	46.50	10.71	108.00	2390.00	0.4403	0.0031	4.6759	-0.1624	0.1187	173.8639	1900	72.00	-10.56	86.00	522.00	-0.5524	0.0031	4.6760	-0.1614	0.1264	118.6037
	40.00	15.94	164.00	1024.00	0.3795	0.0030	4.4862	-0.1572	0.1216	1572.2761	1920	83.00	-11.23	30.00	374.00	-0.6135	0.0030	4.4857	-0.1553	0.1244	108.5774
	33.00	15.79	104.00	1202.00	0.3221	0.0029	4.3598	-0.1485	0.1218	1436.8002	1940	105.00	-1.87	26.00	384.00	-0.6713	0.0029	4.3548	-0.1456	0.1448	102.7689
	27.00	14.89	244.00	2398.00	0.2692	0.0026	4.0179	-0.1370	0.1215	195.1817	1960	116.50	-4.51	0.00	390.00	-0.7247	0.0027	4.0093	-0.1332	0.1403	100.7020
	22.50	18.42	264.00	7996.00	0.2215	0.0024	3.6052	-0.1235	0.1229	202.3399	1980	126.50	-8.00	68.00	428.00	-0.7731	0.0024	3.5910	-0.1188	0.1300	316.2733
	19.50	30.00	610.00	14472.00	0.1795	0.0021	3.1496	-0.1089	0.1270	192.7180	2000	142.50	-7.17	98.00	472.00	-0.8160	0.0021	3.1278	-0.1034	0.1317	85.5973
	12.50	4.17	0.00	570.00	0.1431	0.0018	2.6790	-0.0941	0.1168	1575.5842	2020	164.50	-3.24	44.00	424.00	-0.8533	0.0019	2.6473	-0.0877	0.1490	258.2177
	12.50	31.58	34.00	684.00	0.1123	0.0015	2.2187	-0.0796	0.1268	324.9278	2040	181.50	-3.20	72.00	414.00	-0.8853	0.0016	2.1739	-0.0723	0.1517	239.8237
	10.50	50.00	28.00	770.00	0.0867	0.0013	1.7954	-0.0659	0.1287	360.6815	2060	196.00	-4.62	54.00	476.00	-0.9123	0.0013	1.7285	-0.0579	0.1456	212.7601
	9.50	72.73	112.00	1502.00	0.0661	0.0010	1.5934	-0.0536	0.1342	246.6334	2080	212.50	-4.92	92.00	706.00	-0.9344	0.0011	1.4858	-0.0448	0.1424	201.7296
M1905	279.50000	2.7574	22.0000	190.0000	1.0000	0.0000	0.0000	0.0000	0.2821	121.1032	2250	3.00000	100.0000	286.0000	3.684.0000	-0.0006	0.0000	0.0143	-0.0035	0.2450	367.2867
	235.50000	4.8998	20.0000	534.0000	0.9972	0.0002	0.0556	-0.0102	0.2898	134.2483	2300	4.00000	0.0000	674.0000	11,006.0000	-0.0044	0.0001	0.0967	-0.0210	0.2193	339.6087
	185.00000	3.0641	116.0000	944.0000	0.9783	0.0006	0.3463	-0.0760	0.2368	129.5801	2350	7.00000	-17.6471	570.0000	9,986.0000	-0.0220	0.0006	0.3625	-0.0846	0.2061	349.6636
	136.50000	-1.0870	424.0000	1,480.0000	0.9225	0.0016	0.9730	-0.2265	0.1954	158.5748	2400	12.00000	-31.4286	1,730.0000	25,204.0000	-0.0769	0.0016	0.9778	-0.2327	0.1918	313.6324
	95.00000	-6.4039	1,298.0000	2,744.0000	0.8012	0.0031	1.8990	-0.4441	0.1809	170.7926	2450	20.50000	-33.8710	5,204.0000	17,218.0000	-0.1976	0.0031	1.8998	-0.4479	0.1784	290.2058
	61.00000	-14.6853	3,478.0000	14,894.0000	0.6112	0.0042	2.6609	-0.6150	0.1739	187.0107	2500	36.50000	-27.7228	3,252.0000	24,106.0000	-0.3873	0.0042	2.6609	-0.6162	0.1719	263.7747
	36.00000	-24.2105	4,190.0000	20,742.0000	0.3936	0.0043	2.6873	-0.6189	0.1712	208.1208	2550	61.00000	-20.2614	1,572.0000	11,766.0000	-0.6049	0.0043	2.6873	-0.6176	0.1676	228.9125
	21.00000	-30.0000	5,562.0000	28,838.0000	0.2084	0.0032	1.9571	-0.4624	0.1776	223.4949	2600	95.00000	-12.8440	1,728.0000	11,446.0000	-0.7904	0.0032	1.9563	-0.4585	0.1690	202.8098
	12.50000	-30.5556	1,636.0000	18,498.0000	0.0895	0.0018	1.1509	-0.2608	0.1870	222.5844	2650	139.00000	-5.1195	784.0000	5,742.0000	-0.9098	0.0018	1.1452	-0.2544	0.1906	175.2129
	8.50000	-15.0000	2,146.0000	33,268.0000	0.0309	0.0008	0.4562	-0.1126	0.2053	226.7329	2700	182.00000	-3.7037	336.0000	17,976.0000	-0.9692	0.0008	0.4435	-0.1039	0.1875	151.8213
	6.00000	20.0000	1,070.0																		

CU1904	5590.00	2.10	40.00	246.00	0.9991	0.0000	0.0000	0.3771	0.0000	97.7738	44000	3.00	200.00	220.00	1394.00	0.0000	0.0000	0.0000	0.0000	0.2352	587.3066
	4434.00	-0.94	22.00	186.00	0.9991	0.0000	0.0002	0.3100	0.0000	120.4212	45000	2.00	100.00	56.00	1918.00	0.0000	0.0000	0.0002	-0.0001	0.1871	344.3490
	3662.00	5.29	26.00	284.00	0.9990	0.0000	0.0286	0.2327	0.2240	145.9367	46000	2.00	100.00	150.00	2024.00	-0.0001	0.0000	0.0286	-0.0104	0.1489	414.8971
	2535.00	1.97	114.00	326.00	0.9959	0.0000	0.9445	-0.1691	0.0000	180.9435	47000	7.00	-12.50	398.00	3016.00	-0.0032	0.0000	0.9445	-0.3453	0.1297	346.3752
	1604.00	3.89	224.00	330.00	0.9522	0.0001	9.5190	-3.3702	0.0000	221.7910	48000	31.00	-52.31	2246.00	3272.00	-0.0469	0.0001	9.5190	-3.4794	0.1131	327.9795
	795.00	3.79	520.00	958.00	0.7405	0.0003	31.4213	-11.4366	0.1053	285.2446	49000	199.00	-30.66	1154.00	3426.00	-0.2585	0.0003	31.4213	-11.4788	0.1156	277.8242
	318.00	14.39	1540.00	2424.00	0.3589	0.0004	36.3045	-13.2588	0.1236	362.7907	50000	684.00	-14.18	778.00	1122.00	-0.6401	0.0004	36.3045	-13.2340	0.1226	230.9145
	97.00	42.65	1352.00	2188.00	0.0887	0.0002	15.6168	-5.7076	0.1318	449.5786	51000	1433.00	-9.70	142.00	256.00	-0.9103	0.0002	15.6168	-5.6159	0.1161	177.0884
	25.00	127.27	478.00	1796.00	0.0103	0.0000	2.6486	-0.9682	0.1397	507.9367	52000	2438.00	-3.60	86.00	204.00	-0.9888	0.0000	2.6486	-0.8095	0.1756	136.3438
	7.00	600.00	206.00	1562.00	0.0005	0.0000	0.1868	-0.0683	0.1512	542.8485	53000	3509.00	-0.26	26.00	188.00	-0.9985	0.0000	0.1868	0.1574	0.2716	112.0464
4.00	300.00	402.00	1908.00	0.0000	0.0000	0.0058	-0.0021	0.1751	536.7143	54000	4490.00	-0.58	28.00	346.00	-0.9990	0.0000	0.0058	0.2906	0.3142	87.3471	
CU1905	5186.00	0.84	126.00	318.00	0.9963	0.0000	0.4692	0.2924	0.1459	100.2035	44000	15.00	400.00	126.00	1342.00	-0.0008	0.0000	0.4692	-0.0546	0.1518	357.3863
	4171.00	0.36	44.00	130.00	0.9912	0.0000	2.8226	-0.0481	0.0000	142.7030	45000	27.00	92.86	202.00	420.00	-0.0058	0.0000	2.8226	-0.3282	0.1377	332.3825
	3245.00	1.47	70.00	310.00	0.9687	0.0000	11.0896	-1.0757	0.1301	148.9324	46000	63.00	16.67	790.00	694.00	-0.0284	0.0000	11.0896	-1.2889	0.1294	283.3098
	2335.00	1.30	72.00	262.00	0.9004	0.0001	29.2211	-3.2479	0.1237	165.9388	47000	150.00	-5.66	840.00	1054.00	-0.0967	0.0001	29.2211	-3.3943	0.1233	260.6198
	1506.00	-1.44	218.00	150.00	0.7579	0.0002	52.9223	-6.0609	0.1154	193.4961	48000	371.00	-2.62	964.00	760.00	-0.2392	0.0002	52.9223	-6.1404	0.1245	226.0194
	918.00	0.11	1060.00	1062.00	0.5488	0.0002	67.3912	-7.7874	0.1212	224.6083	49000	727.00	-5.22	1320.00	1100.00	-0.4483	0.0002	67.3912	-7.8001	0.1210	194.9039
	500.00	1.83	1056.00	946.00	0.3284	0.0002	61.6202	-7.1444	0.1234	289.4713	50000	1322.00	-1.27	244.00	304.00	-0.6687	0.0002	61.6202	-7.0902	0.1256	180.2682
	246.00	6.03	560.00	676.00	0.1585	0.0001	41.2549	-4.7902	0.1253	326.0979	51000	2115.00	1.73	144.00	176.00	-0.8386	0.0001	41.2549	-4.6692	0.1380	147.3938
	121.00	26.04	532.00	854.00	0.0610	0.0001	20.5937	-2.3929	0.1307	306.0892	52000	2949.00	0.27	56.00	188.00	-0.9361	0.0001	20.5937	-2.2051	0.1383	117.7110
	60.00	71.43	382.00	712.00	0.0187	0.0000	7.7952	-0.9061	0.1370	320.6535	53000	3886.00	0.23	60.00	176.00	-0.9784	0.0000	7.7952	-0.6515	0.1490	105.7655
33.00	200.00	332.00	1184.00	0.0046	0.0000	2.2729	-0.2643	0.1458	391.6753	54000	4859.00	0.16	70.00	172.00	-0.9925	0.0000	2.2729	0.0573	0.1648	88.7262	
CU1906	5000.00	-1.67	0.00	34.00	0.9860	0.0000	5.4175	-0.0175	0.0000	105.6709	44000	40.00	81.82	30.00	1112.00	-0.0089	0.0000	5.4175	-0.3597	0.1336	357.3402
	4049.00	-1.91	0.00	32.00	0.9657	0.0000	14.9904	-0.7194	0.0000	108.8280	45000	69.00	11.29	22.00	158.00	-0.0292	0.0000	14.9904	-0.9948	0.1237	249.2756
	3150.00	-2.17	0.00	90.00	0.9179	0.0001	32.5216	-1.9479	0.0862	146.1452	46000	147.00	-2.65	14.00	194.00	-0.0769	0.0001	32.5216	-2.1567	0.1203	211.4118
	2335.00	-2.46	0.00	64.00	0.8287	0.0001	56.1648	-3.5779	0.1042	160.4787	47000	357.00	11.21	4.00	90.00	-0.1662	0.0001	56.1648	-3.7200	0.1271	403.3308
	1595.00	-5.17	4.00	86.00	0.6943	0.0002	78.3021	-5.1000	0.1052	166.6776	48000	591.00	-2.31	34.00	172.00	-0.3006	0.0002	78.3021	-5.1754	0.1202	163.3444
	1070.00	-3.52	12.00	188.00	0.5291	0.0002	89.2748	-5.8694	0.1128	201.1361	49000	1089.00	5.83	0.00	90.00	-0.4658	0.0002	89.2748	-5.8781	0.1294	154.9852
	652.00	-4.40	12.00	78.00	0.3614	0.0002	84.2460	-5.5636	0.1143	232.0705	50000	1671.00	4.50	0.00	94.00	-0.6335	0.0002	84.2460	-5.5056	0.1320	135.2677
	381.00	-2.31	18.00	228.00	0.2193	0.0001	66.5389	-4.4046	0.1169	226.1495	51000	2385.00	3.52	0.00	574.00	-0.7756	0.0001	66.5389	-4.2799	0.1363	109.7960
	208.00	0.48	22.00	120.00	0.1176	0.0001	44.4432	-2.9459	0.1187	255.7182	52000	3203.00	2.76	0.00	46.00	-0.8772	0.0001	44.4432	-2.7545	0.1425	104.9973
	108.00	6.93	16.00	150.00	0.0558	0.0000	25.3468	-1.6815	0.1205	287.3031	53000	4097.00	2.22	0.00	46.00	-0.9391	0.0000	25.3468	-1.4234	0.1519	87.3506
61.00	32.61	20.00	192.00	0.0234	0.0000	12.4545	-0.8267	0.1255	333.7724	54000	5040.00	1.82	0.00	50.00	-0.9715	0.0000	12.4545	-0.5019	0.1648	82.3262	
RU1905	2427.00	-0.74	10.00	44.00	1.0000	0.0000	0.0000	0.0000	0.2853	113.5108	9700	6.00	500.00	20.00	68.00	-0.0010	0.0000	0.1362	-0.0339	0.2977	930.0842
	2345.00	0.00	0.00	66.00	1.0000	0.0000	0.0000	0.0000	0.3571	125.4050	9800	7.00	600.00	30.00	114.00	-0.0016	0.0000	0.2233	-0.0518	0.2916	1096.7989
	2245.00	0.00	0.00	36.00	1.0000	0.0000	0.0000	0.0000	0.3426	132.3656	9900	5.00	150.00	24.00	92.00	-0.0025	0.0000	0.3563	-0.0771	0.2673	1005.5999
	2146.00	0.00	0.00	36.00	0.9993	0.0000	0.0739	-0.0143	0.3310	149.0525	10000	8.00	166.67	24.00	112.00	-0.0038	0.0000	0.4466	-0.1127	0.2736	566.8132
	1893.00	-0.37	28.00	56.00	0.9920	0.0000	0.7913	-0.1744	0.2871	157.8793	10250	11.00	57.14	78.00	296.00	-0.0098	0.0000	1.0227	-0.2626	0.2554	437.2876
	1695.00	2.17	4.00	54.00	0.9782	0.0001	1.9642	-0.4597	0.3431	167.9982	10500	15.00	0.00	142.00	726.00	-0.0224	0.0001	2.1023	-0.5374	0.2372	310.8019
	1403.00	-1.47	2.00	78.00	0.9536	0.0001	3.8020	-0.9068	0.2381	182.0320	10750	20.00	-35.48	24.00	302.00	-0.0461	0.0001	3.8805	-0.9735	0.2177	316.7475
	1180.00	-1.67	2.00	38.00	0.9135	0.0002	6.3908	-1.5177	0.2400	224.9252	11000	33.00	-41.07	34.00	818.00	-0.0855	0.0002	6.4329	-1.5729	0.2064	327.8957
	916.00	-7.47	8.00	88.00	0.8543	0.0003	9.5588	-2.2400	0.1826	245.3643	11250	60.00	-37.50	50.00	308.00	-0.1442	0.0003	9.5798	-2.2834	0.2022	323.9498
	735.00	-7.89	140.00	314.00	0.7750	0.0003	12.8068	-2.9693	0.2049	272.0698	11500	97.00	-37.01	204.00	1272.00	-0.2230	0.0003	12.8174	-3.0006	0.1937	304.7813
	563.00	-10.21	136.00	466.00	0.6780	0.0004	14.9042	-3.5713	0.2086	307.7826	11750	163.00	-29.74	90.00	600.00	-0.3198	0.0004	14.9048	-3.5901	0.1909	289.2131
	416.00	-13.15	168.00	1286.00	0.5695	0.0004	16.5365	-3.9283	0.2098	350.0690	12000	282.00	-15.57	90.00	590.00	-0.4283	0.0004	16.5365	-3.9346	0.2042	288.4080
	306.00	-14.29	180.00	546.00	0.4577	0.0004	16.7079	-3.9760	0.2164	353.9641	12250	434.00	-6.06	166.00	402.00	-0.5400	0.0004	16.7079	-3.9697	0.2184	271.4007
	233.00	-10.04	302.00	996.00	0.3512	0.0004	15.3738	-3.7244	0.2307	353.9001	12500	572.00	-6.69	56.00	410.00	-0.6467	0.0004	15.3731	-3.7055	0.2082	218.4549
	170.00	-6.08	116.00	920.00	0.2571	0.0004	13.4966	-3.2407	0.2382	379.6365	12750	766.00	-2.42	34.00	254.00	-0.7409	0.0004	13.4911	-3.2093	0.2177	223.5244
	134.00	8.06	720.00	2598.00	0.1794	0.0003	11.1562	-2.6337	0.2538	424.1348	13000	993.00	1.53	20.00	378.00	-0.8189	0.0003	11.1361	-2.5902	0.2420	187.8117
	100.00	21.95	160.00	314.00	0.1194	0.0002	8.6824	-2.0060	0.2620	255.4063	13250	1190.00	0.42	10.00	124.00	-0.8795	0.0002	8.6348	-1.9505	0.2292	148.9291
	78.00	50.00	240.00	1220.00	0.0758	0.0002	6.3617	-1.4367	0.2731	288.0336	13500	1398.00	-0.57	10.00	92.00	-0.9236	0.0002	6.2708	-1.3696	0.2037	155.5197
	62.00	87.88	98.00	1598.00	0.0460	0.0001	3.8146	-0.9716	0.2853	328.7080	13750	1668.00	1.96	18.00	78.00	-0.9541	0.0001	3.7145	-0.8931	0.2644	125.2253
	42.00	110.00	148.00	55																	

CF905	189.00	-26.46	744.00	1938.00	0.4580	0.0009	15.0651	-3.9562	0.1416	343.2445	15200	241.00	25.52	1018.00	794.00	-0.5408	0.0009	15.0652	-3.9533	0.1396	345.1057
	120.00	-28.99	1508.00	3100.00	0.2961	0.0008	13.2703	-3.4515	0.1470	398.9755	15400	362.00	19.47	952.00	1326.00	-0.7027	0.0008	13.2685	-3.4383	0.1376	292.3930
	73.00	-31.78	942.00	5188.00	0.1684	0.0005	9.8931	-2.5141	0.1517	440.8005	15600	515.00	16.52	172.00	642.00	-0.8307	0.0005	9.8810	-2.4907	0.1403	276.0573
	45.00	-33.82	1312.00	3968.00	0.0838	0.0003	5.5721	-1.5390	0.1581	465.7009	15800	693.00	15.31	370.00	844.00	-0.9157	0.0003	5.5524	-1.5057	0.1506	216.7182
	28.00	-33.33	1546.00	5312.00	0.0364	0.0002	2.8758	-0.7974	0.1653	507.1139	16000	869.00	11.98	42.00	722.00	-0.9636	0.0002	2.8271	-0.7545	0.1421	221.8672
	16.00	-40.74	428.00	4022.00	0.0138	0.0001	1.2551	-0.3516	0.1697	545.2030	16200	1056.00	10.00	42.00	446.00	-0.9869	0.0001	1.1583	-0.2994	0.1163	175.9320
	11.00	-38.89	704.00	6718.00	0.0045	0.0000	0.4630	-0.1326	0.1798	570.0075	16400	1216.00	5.65	8.00	262.00	-0.9970	0.0000	0.2962	-0.0716	0.0000	154.1593
8.00	-33.33	614.00	5048.00	0.0013	0.0000	0.1849	-0.0430	0.1907	636.5035	16600	0.00	6.17	0.00	152.00	-1.0000	0.0000	0.0000	0.0000	0.0000	117.7893	
CF909	1498.00	-4.95	40.00	202.00	0.8926	0.0002	18.1073	-0.6712	0.1501	105.8310	14200	93.00	14.81	458.00	888.00	-0.1046	0.0002	18.5071	-0.7331	0.1368	338.4234
	1330.00	-5.54	46.00	388.00	0.8544	0.0002	22.0998	-0.8515	0.1469	113.0952	14400	132.00	17.86	272.00	1200.00	-0.1415	0.0002	22.3192	-0.9051	0.1386	260.3015
	1153.00	-7.76	24.00	452.00	0.8093	0.0002	26.0974	-1.0332	0.1384	112.1657	14600	177.00	16.45	46.00	1144.00	-0.1856	0.0002	26.2047	-1.0780	0.1392	250.9107
	0.00	-5.89	0.00	568.00	0.7576	0.0003	29.9085	-1.2050	0.1479	128.6136	14800	231.00	13.79	504.00	3406.00	-0.2364	0.0003	29.9542	-1.2410	0.1398	249.3952
	878.00	-9.11	76.00	598.00	0.7002	0.0003	33.3205	-1.3556	0.1403	131.4831	15000	300.00	13.64	196.00	800.00	-0.2933	0.0003	33.3360	-1.3826	0.1411	239.7523
	758.00	-9.65	8.00	552.00	0.6381	0.0003	37.0600	-1.4744	0.1409	145.4428	15200	383.00	14.33	132.00	462.00	-0.3550	0.0003	37.0811	-1.4922	0.1429	203.1095
	668.00	-7.73	142.00	472.00	0.5729	0.0003	38.5926	-1.5526	0.1466	142.4206	15400	465.00	11.24	162.00	504.00	-0.4199	0.0003	38.5953	-1.5612	0.1416	204.2084
	571.00	-8.35	330.00	860.00	0.5066	0.0003	39.1087	-1.5866	0.1480	168.0174	15600	568.00	10.29	338.00	630.00	-0.4862	0.0003	39.1088	-1.5859	0.1434	173.7992
	480.00	-9.77	1134.00	1140.00	0.4409	0.0003	38.5789	-1.5755	0.1471	166.5682	15800	680.00	9.50	1054.00	1138.00	-0.5519	0.0003	38.5795	-1.5655	0.1437	168.0924
	409.00	-8.91	874.00	3884.00	0.3776	0.0003	37.0495	-1.5222	0.1491	183.2176	16000	806.00	9.51	86.00	318.00	-0.6155	0.0003	37.0466	-1.5030	0.1451	154.2705
	346.00	-9.42	694.00	852.00	0.3181	0.0003	34.6410	-1.4325	0.1514	186.8770	16200	944.00	9.01	60.00	328.00	-0.6754	0.0003	34.6253	-1.4042	0.1478	133.5003
	288.00	-10.28	180.00	510.00	0.2636	0.0003	31.5345	-1.3146	0.1514	201.6839	16400	1092.00	8.98	218.00	438.00	-0.7305	0.0003	31.4923	-1.2772	0.1499	160.0224
	240.00	-10.45	112.00	606.00	0.2148	0.0002	27.9508	-1.1774	0.1527	192.0888	16600	1147.00	-0.09	8.00	202.00	-0.7800	0.0002	27.8636	-1.1311	0.1201	89.0661
	203.00	-9.78	1072.00	4056.00	0.1722	0.0002	26.1150	-1.0300	0.1553	213.8970	16800	1364.00	4.68	16.00	246.00	-0.8236	0.0002	25.8580	-0.9750	0.1395	78.3689
	168.00	-9.68	146.00	1990.00	0.1359	0.0002	22.2332	-0.8811	0.1562	243.7578	17000	1524.00	4.31	16.00	70.00	-0.8609	0.0002	21.8714	-0.8175	0.1377	182.8874
140.00	-10.26	522.00	1940.00	0.1055	0.0002	18.4284	-0.7377	0.1583	134.5442	17200	1752.00	7.48	16.00	112.00	-0.8925	0.0002	17.9319	-0.6658	0.1609	69.8145	

数据来源:

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