



LOAD PERFORMANCE PARAMETERS

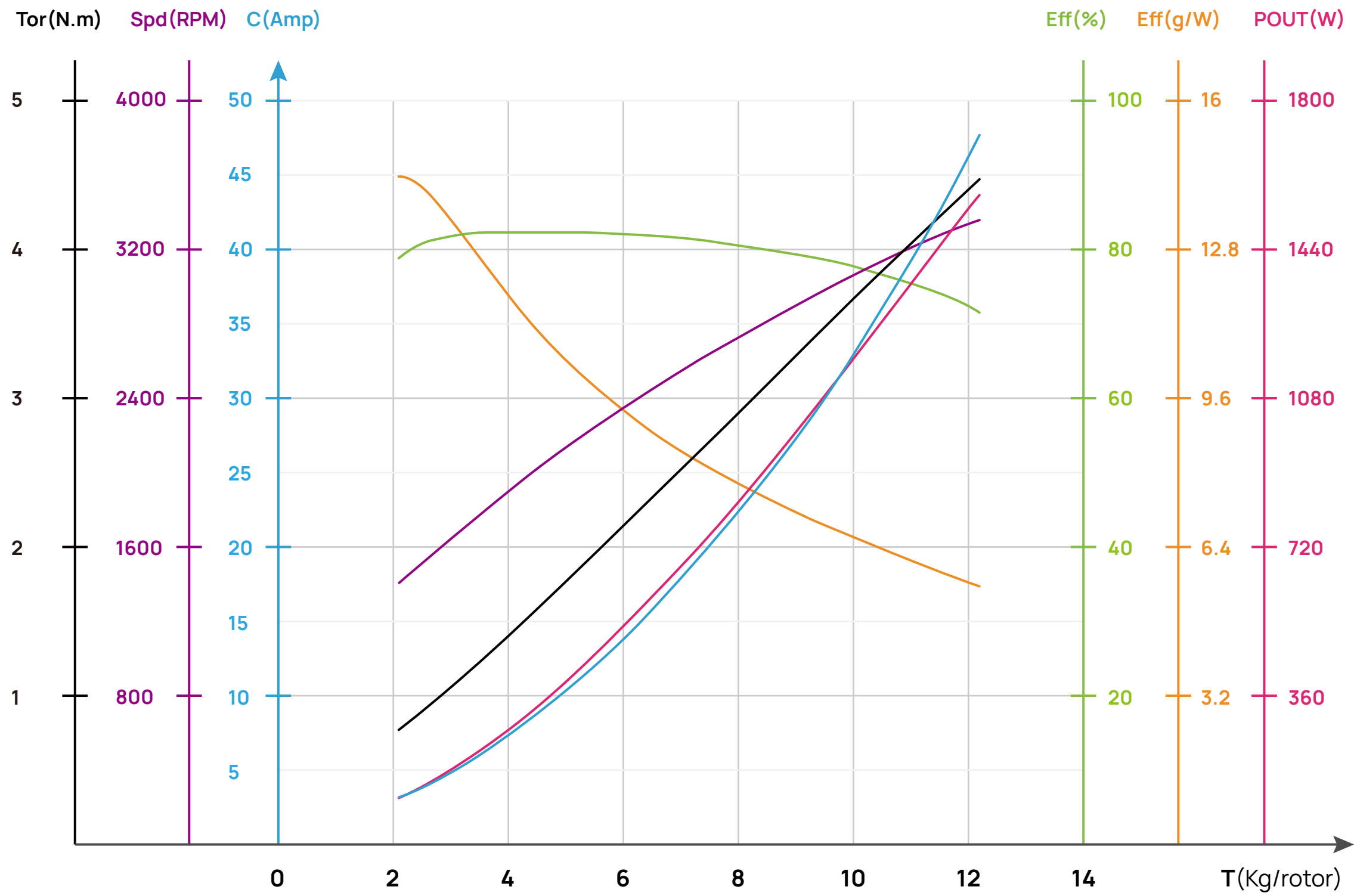
负载性能参数

以下数据为好盈实验室于室温 25°C、海平面高度，变化油门输入调节测得，电机温度为65%油门运行10分钟数据，仅供参考。

The below data was measured by HOBBYWING Laboratory at room temperature 25°C, at sea level, with varying throttle input.

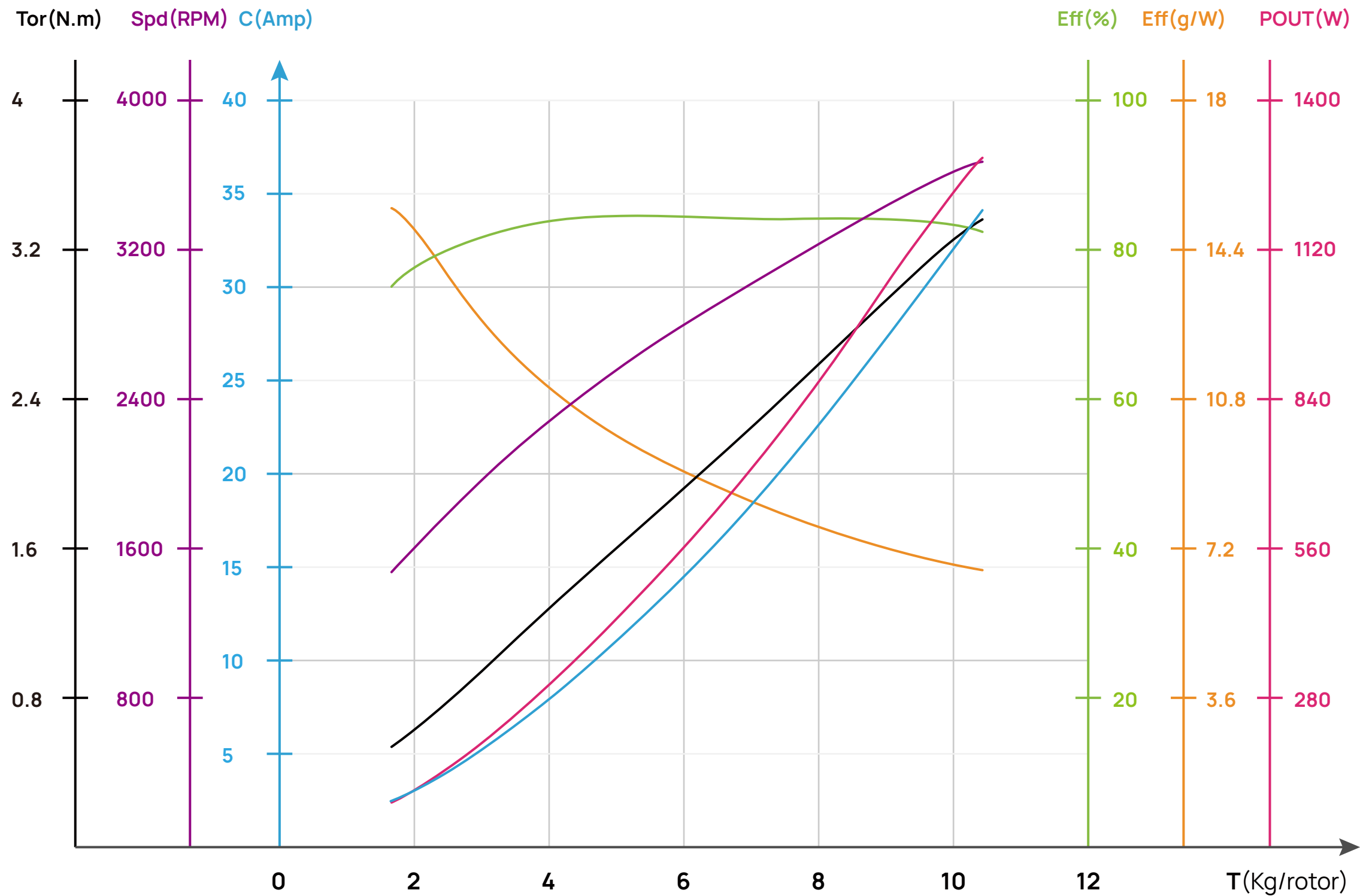
The motor temperature is measured after running for 10 minutes at 65% throttle, for reference only.

100KV+MSC 32x10.5



Voltage(V) 工作电压	Propeller 螺旋桨	Throttle(%) 油门	Thrust(g) 拉力	Current(A) 电流	Power Input(W) 输入功率	Speed(RPM) 转速	Efficiency(g/W) 效率	Torque(N·m) 扭矩	Power Output(W) 输出功率	Temperature(°C) 电机机壳温度
46V (12S LiPo)	MSC 32x10.5	33%	2163	3.3	150.6	1428	14.4	0.80	119.5	81.0°C
		35%	2436	3.7	171.7	1500	14.2	0.88	138.2	
		37%	2731	4.3	197.3	1578	13.8	0.97	160.5	
		39%	3040	4.9	227.3	1658	13.4	1.07	186.0	
		42%	3518	6.1	279.5	1781	12.6	1.23	229.8	
		45%	4001	7.4	338.8	1901	11.8	1.40	279.1	
		48%	4481	8.8	403.5	2017	11.1	1.58	332.6	
		51%	4953	10.3	472.4	2125	10.5	1.75	389.2	
		54%	5416	11.8	544.7	2228	9.9	1.92	448.4	
		57%	5873	13.5	620.4	2324	9.5	2.09	509.7	
		60%	6327	15.2	699.8	2417	9.0	2.27	573.5	
		63%	6785	17.0	784.0	2506	8.7	2.44	640.3	
		66%	7250	19.0	874.1	2593	8.3	2.62	710.8	
		69%	7729	21.1	971.5	2679	8.0	2.80	785.8	
		72%	8224	23.4	1077.6	2766	7.6	2.99	866.0	
		75%	8738	25.9	1193.7	2853	7.3	3.19	951.7	
		78%	9267	28.7	1320.5	2941	7.0	3.39	1042.8	
		81%	9806	31.7	1457.7	3027	6.7	3.59	1138.1	
		84%	10344	34.9	1603.7	3111	6.4	3.79	1235.2	
		87%	10865	38.1	1754.5	3187	6.2	3.99	1330.4	
90%	11347	41.4	1902.8	3253	6.0	4.16	1418.2			
100%	12217	47.7	2194.7	3355	5.6	4.47	1571.8			

100KV+MSC 30x9.8



Voltage(V) 工作电压	Propeller 螺旋桨	Throttle(%) 油门	Thrust(g) 拉力	Current(A) 电流	Power Input(W) 输入功率	Speed(RPM) 转速	Efficiency(g/W) 效率	Torque(N·m) 扭矩	Power Output(W) 输出功率	Temperature(°C) 电机机壳温度
46V (12S LiPo)	MSC 30x9.8	33%	1706	2.4	111.1	1486	15.4	0.54	83.9	58.0℃
		35%	1904	2.7	126.3	1562	15.1	0.59	97.2	
		37%	2121	3.1	144.9	1645	14.6	0.66	113.4	
		39%	2352	3.6	166.7	1732	14.1	0.73	132.2	
		42%	2718	4.4	204.7	1864	13.3	0.85	165.1	
		45%	3096	5.4	247.6	1996	12.5	0.97	202.7	
		48%	3481	6.4	294.5	2122	11.8	1.10	243.8	
		51%	3867	7.5	344.5	2242	11.2	1.23	287.6	
		54%	4255	8.6	397.1	2356	10.7	1.35	333.6	
		57%	4645	9.8	452.4	2463	10.3	1.48	381.5	
		60%	5040	11.1	510.8	2566	9.9	1.61	431.6	
		63%	5442	12.4	572.8	2665	9.5	1.73	484.2	
		66%	5854	13.9	639.4	2763	9.2	1.87	540.1	
		69%	6281	15.5	711.5	2859	8.8	2.00	600.2	
		72%	6723	17.2	789.9	2957	8.5	2.15	665.3	
		75%	7182	19.0	875.3	3056	8.2	2.30	736.3	
		78%	7654	21.0	967.7	3156	7.9	2.46	813.5	
		81%	8135	23.2	1066.3	3257	7.6	2.63	896.3	
		84%	8616	25.4	1169.0	3356	7.4	2.80	982.8	
		87%	9086	27.7	1272.0	3450	7.1	2.96	1068.8	
		90%	9528	29.8	1369.9	3533	7.0	3.10	1148.4	
		100%	10444	34.1	1569.0	3673	6.7	3.36	1293.3	