



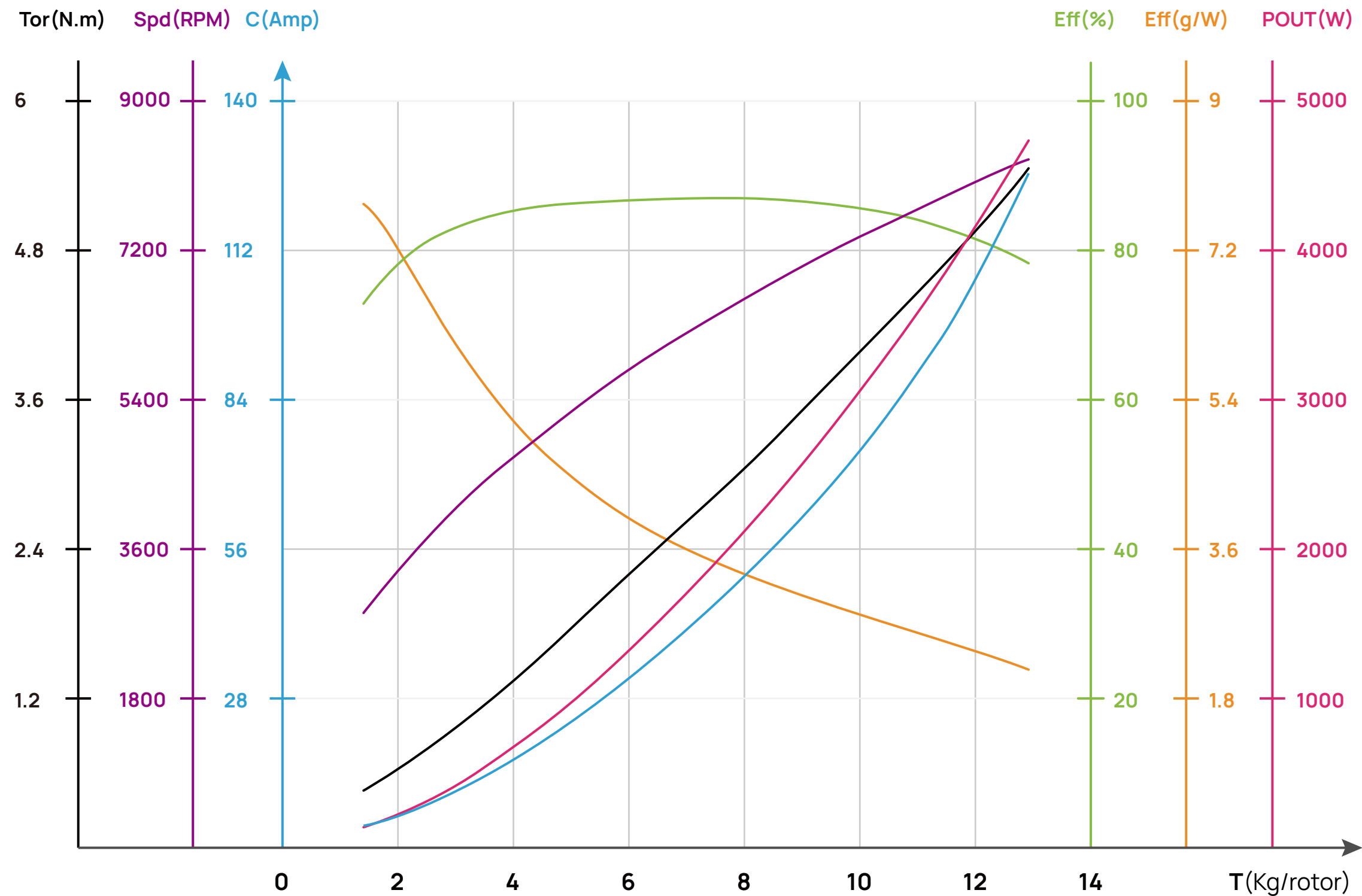
LOAD PERFORMANCE PARAMETERS

负载性能参数

以下数据为室温 25°C、海平面高度的环境下,变化油门输入调节拉力测得,应控制满载全油门运行时间,否则有烧毁电机的危险。

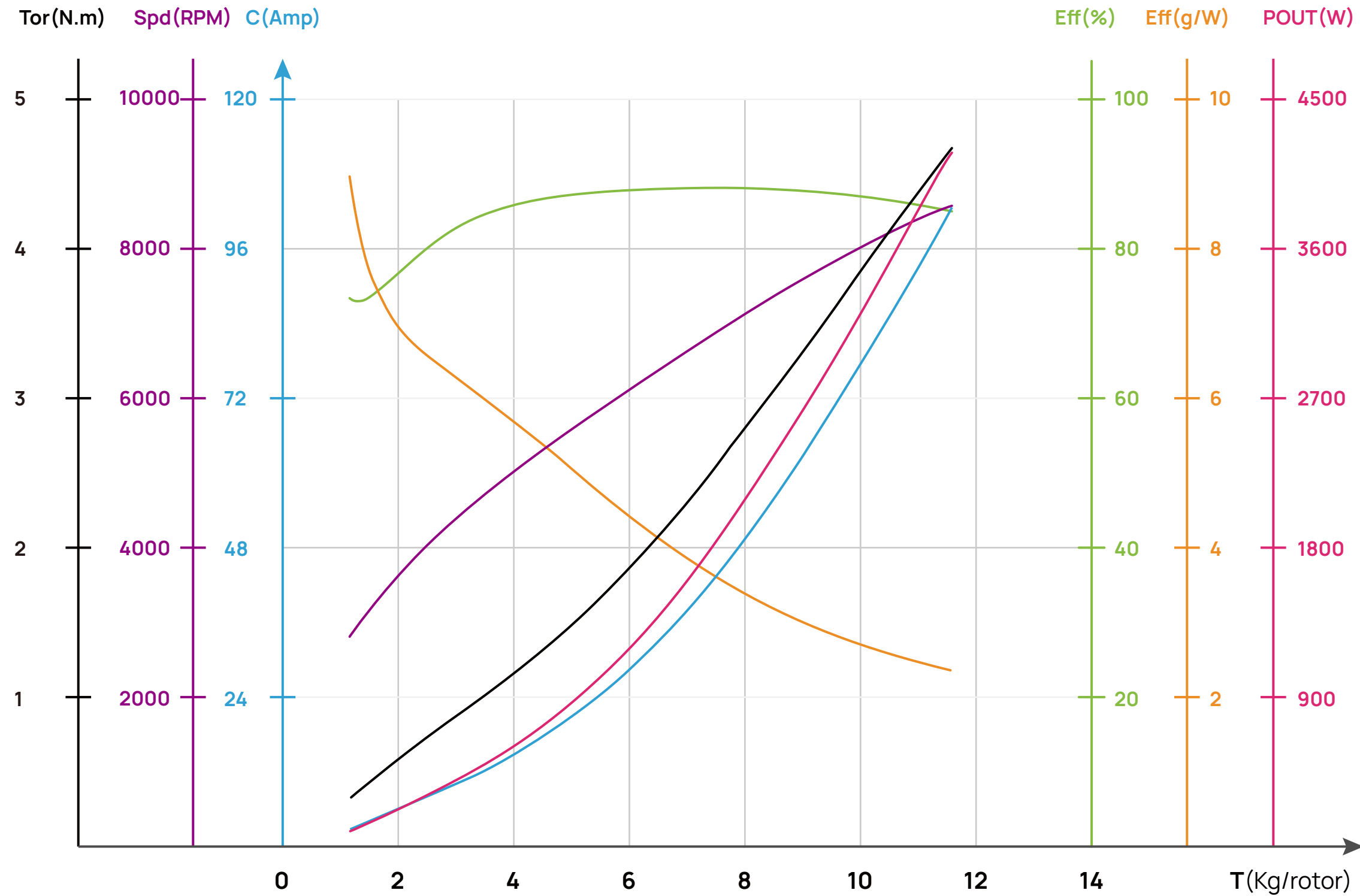
The data below is measured in room temperature of 25°C and sea level height. If the the throttle input adjustment tensile force is measured, the full-load full throttle running time should be controlled, otherwise there is a risk of burning the motor.

220KV+19*12''



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
48V (12S LIPO)	APC19x12E Propeller	33%	1692	4.7	223.7	3058	7.6	0.53	168.7	80°C
		35%	1881	5.3	255.2	3218	7.4	0.58	196.4	
		37%	2085	6.1	291.9	3383	7.1	0.65	228.9	
		39%	2302	7.0	334.3	3553	6.9	0.72	266.7	
		42%	2653	8.5	409.7	3814	6.5	0.84	334.1	
		45%	3032	10.4	500.7	4080	6.1	0.97	415.4	
		48%	3436	12.7	608.3	4347	5.6	1.12	511.7	
		51%	3864	15.3	733.6	4613	5.3	1.29	623.5	
		54%	4314	18.3	877.0	4876	4.9	1.47	751.0	
		57%	4783	21.6	1038.6	5134	4.6	1.66	894.2	
		60%	5269	25.4	1218.1	5387	4.3	1.87	1052.6	
		63%	5770	29.5	1415.1	5634	4.1	2.08	1225.9	
		66%	6284	34.0	1629.1	5874	3.9	2.30	1413.5	
		69%	6810	38.8	1859.9	6109	3.7	2.52	1615.1	
		72%	7346	43.9	2107.5	6338	3.5	2.76	1830.5	
		75%	7891	49.5	2372.7	6561	3.3	3.00	2059.7	
		78%	8446	55.4	2657.4	6780	3.2	3.24	2303.3	
		81%	9011	61.8	2964.8	6994	3.0	3.50	2562.3	
84%	9587	68.8	3299.9	7204	2.9	3.76	2838.3			
87%	10175	76.5	3670.3	7411	2.8	4.04	3133.5			
90%	10777	85.2	4086.8	7616	2.6	4.33	3451.3			
100%	12942	126.4	6062.4	8301	2.1	5.45	4740.1			

220KV+18*12''



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
48V (12S LIPO)	APC18x12E Propeller	33%	1426	3.7	179.3	3068	8.0	0.41	131.2	80°C
		35%	1587	4.4	209.9	3230	7.6	0.46	155.2	
		37%	1755	5.0	241.5	3393	7.3	0.51	181.1	
		39%	1935	5.7	274.9	3557	7.0	0.56	209.6	
		42%	2233	6.9	329.9	3811	6.8	0.65	258.4	
		45%	2568	8.2	392.8	4074	6.5	0.74	315.9	
		48%	2941	9.7	465.7	4343	6.3	0.84	383.6	
		51%	3352	11.5	551.1	4615	6.1	0.96	463.1	
		54%	3793	13.6	651.7	4888	5.8	1.09	556.1	
		57%	4259	16.0	769.9	5160	5.5	1.23	664.3	
		60%	4741	18.9	907.8	5429	5.2	1.39	789.2	
		63%	5231	22.2	1066.1	5695	4.9	1.56	931.5	
		66%	5721	25.9	1244.2	5954	4.6	1.75	1090.7	
		69%	6203	30.0	1440.1	6206	4.3	1.95	1265.3	
		72%	6672	34.4	1651.0	6448	4.0	2.15	1452.8	
		75%	7125	39.1	1874.1	6680	3.8	2.36	1650.7	
		78%	7563	43.9	2107.6	6900	3.6	2.57	1856.9	
		81%	7990	49.0	2352.1	7110	3.4	2.78	2071.7	
		84%	8417	54.4	2611.8	7315	3.2	3.00	2298.1	
		87%	8857	60.3	2895.7	7519	3.1	3.23	2543.1	
90%	9333	67.1	3219.2	7731	2.9	3.48	2818.3			
100%	11604	102.9	4936.6	8578	2.4	4.67	4195.7			