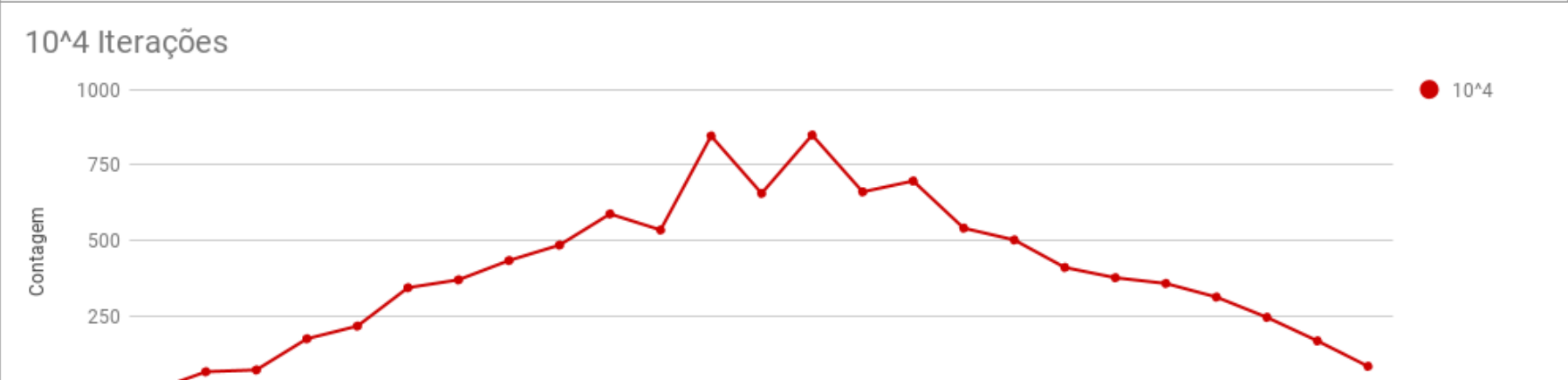
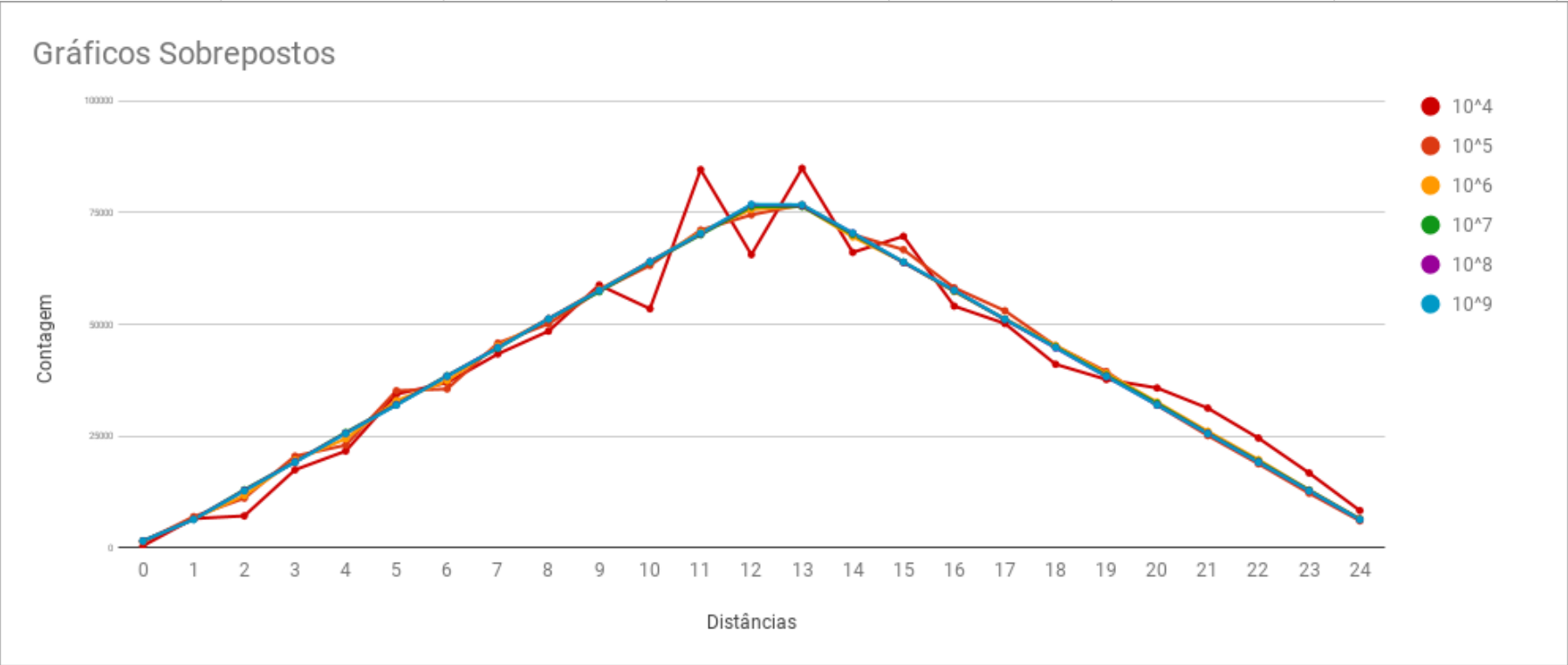


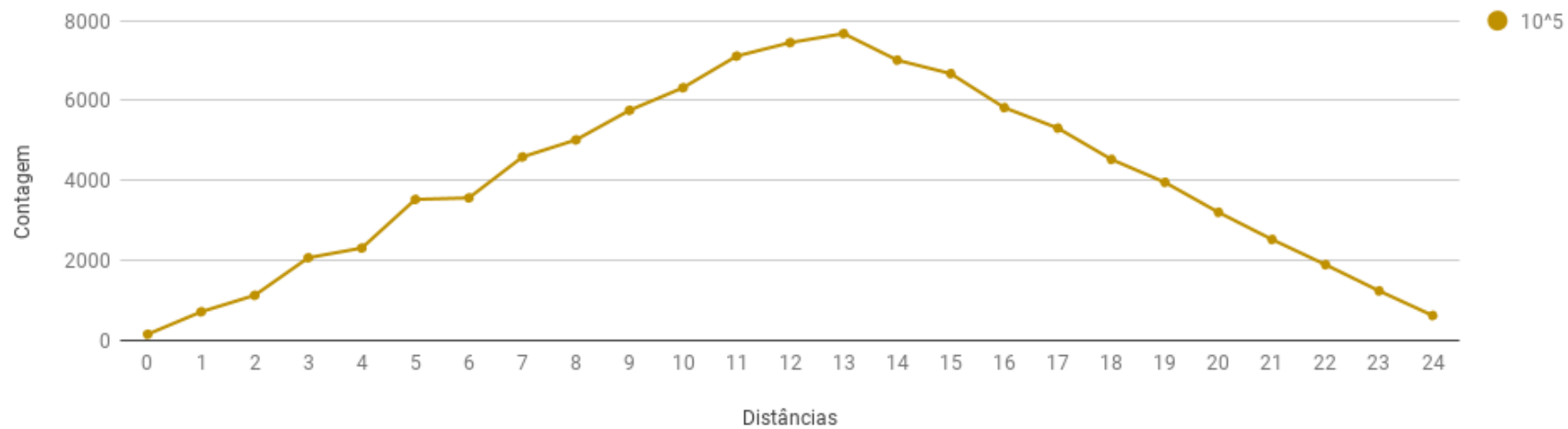
Mini Projeto de Estatística - SI 2017.2			As distâncias foram calculadas com esta fórmula		Anteriormente foi feito com o conceito das réplicas, porém custava o dobro do tempo		
Gabriel Fontanari	Giovanni Junior	Guilherme Prado	X = Mínimo entre   A.x - B.x   e Tamanho -   A.x - B.x		Com 8 réplicas criadas, era calculada a distância do A do meio para todos os Bs		
Henrique Melo	Jefferson Wagner	Jhonata Lima	Y = Mínimo entre   A.y - B.y   e Tamanho -   A.y - B.y		Todas as distâncias eram calculadas e a menor delas era o resultado		
João Lira	João Rafael	José Reginaldo	Menor Distância = X + Y		Distância =   A.x - B.x   +   A.y - B.y		
RESULTADOS							
Iterações	10^4	10^5	10^6	10^7	10^8	10^9	
0	5	139	1529	16343	160605	1602704	
1	66	703	6545	64457	644950	6393362	
2	72	1116	11747	130477	1289547	12816049	
3	175	2057	19663	192953	1928371	19186845	
4	217	2301	24438	258597	2569269	25625486	
5	344	3519	32979	320904	3205916	31972451	
6	370	3557	37374	385632	3846088	38426191	
7	434	4583	45244	446716	4485000	44784523	
8	485	5012	51241	512504	5126053	51237485	
9	588	5752	57813	573005	5761264	57576434	
10	535	6319	63994	638981	6403182	64028007	
11	846	7110	70617	700274	7026850	70357558	
12	656	7449	75693	763324	7674085	76840446	
13	849	7675	76434	763456	7658291	76772247	
14	661	7010	69554	701327	7042721	70448571	
15	697	6671	63939	638866	6386653	63973774	
16	541	5819	57358	574882	5760635	57634967	
17	502	5306	51286	510999	5113676	51184062	
18	411	4522	45295	449829	4476629	44826585	
19	377	3947	39117	386342	3837205	38363505	
20	358	3196	32648	323716	3200004	31987012	
21	313	2516	26145	257469	2562706	25592976	
22	246	1884	19796	194572	1921331	19179956	
23	168	1227	13015	129650	1280046	12795145	
24	84	610	6536	64725	638923	6393659	
Média	12,78030	12,50720	12,51624	12,48399	12,47469	12,47927	

Tempo (segs)	0,04893	0,67746	5,27289	49,7850	494,448	5071,93		

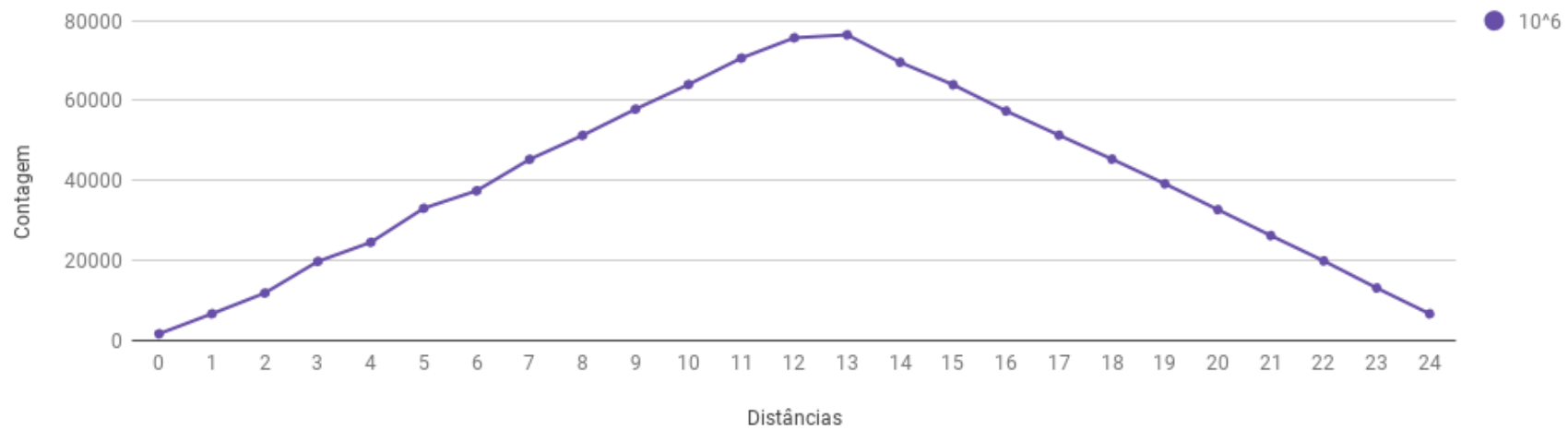




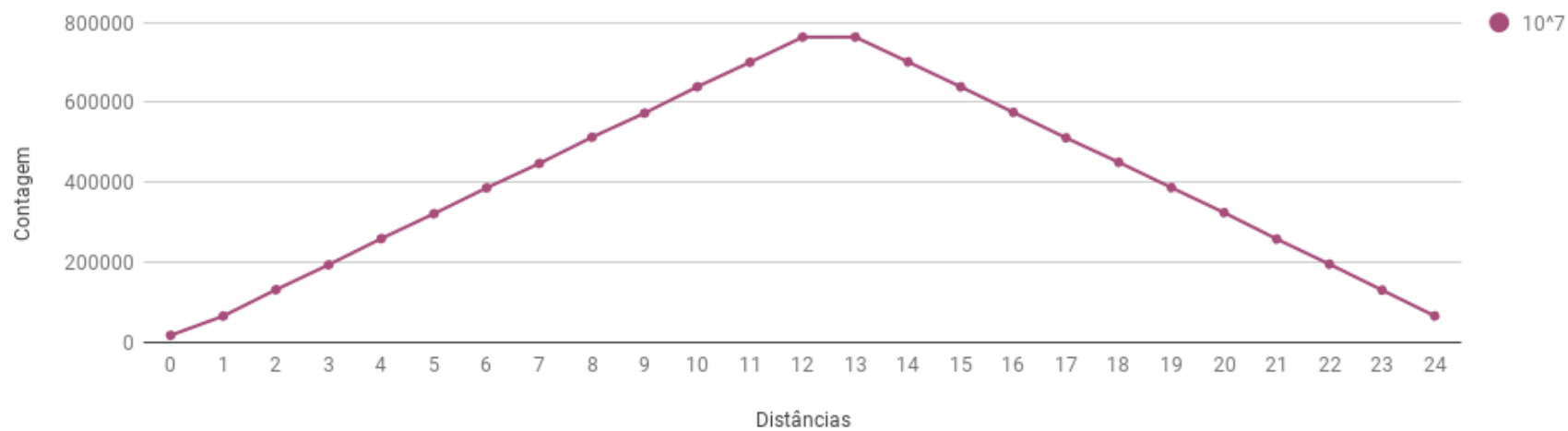
### 10<sup>5</sup> Iterações



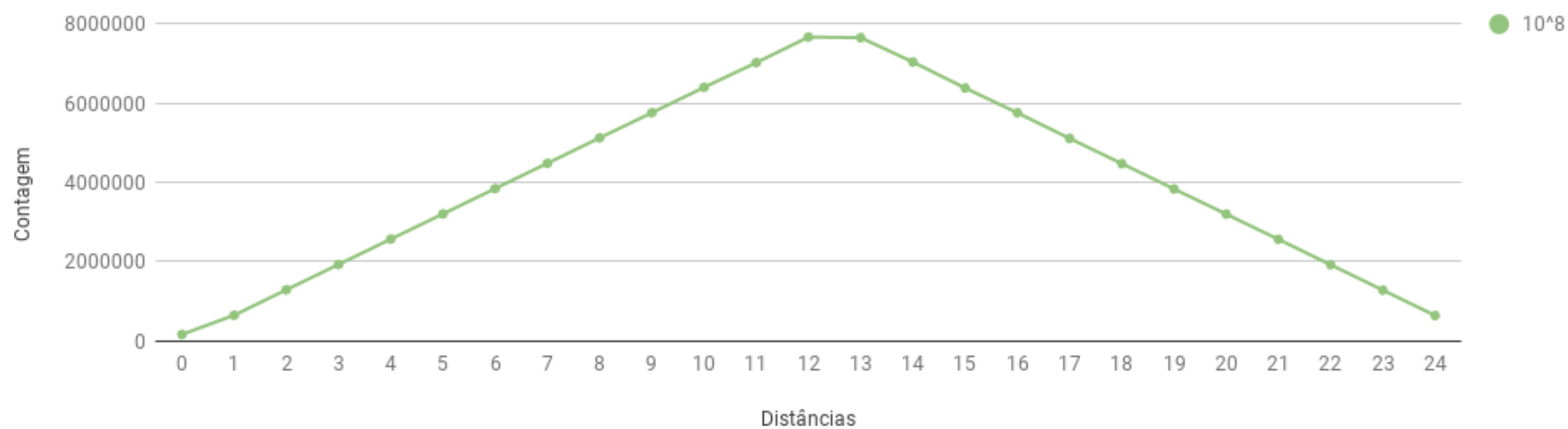
### 10<sup>6</sup> Iterações



### 10<sup>7</sup> Iterações

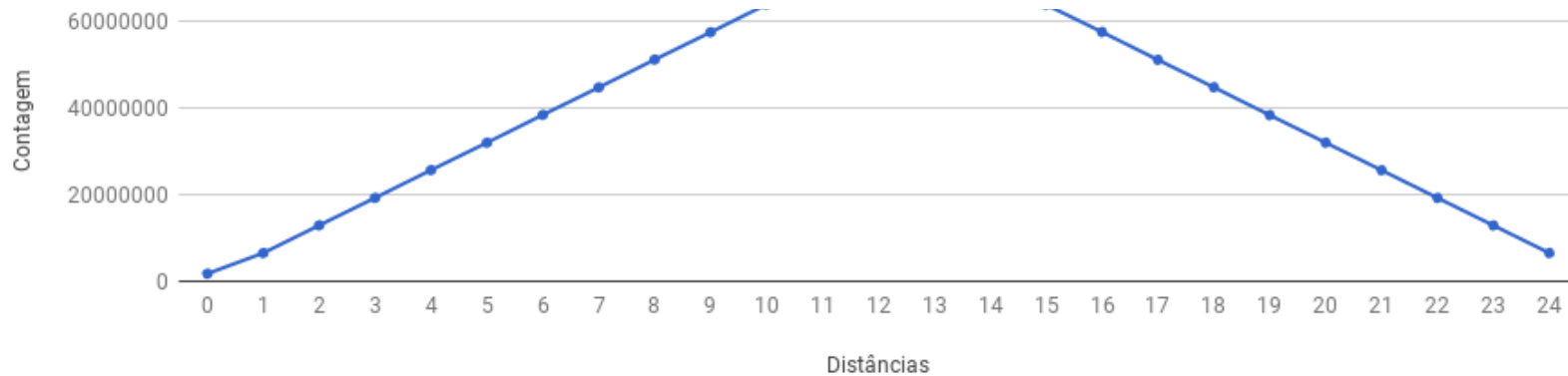


### 10<sup>8</sup> Iterações

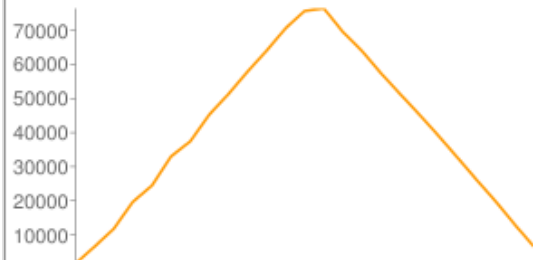
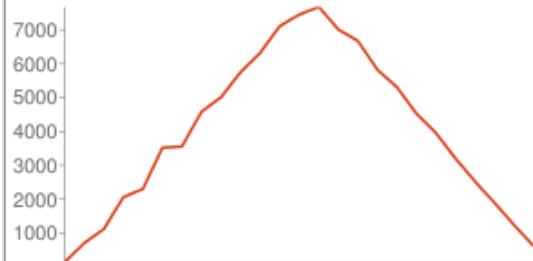


### 10<sup>9</sup> Iterações

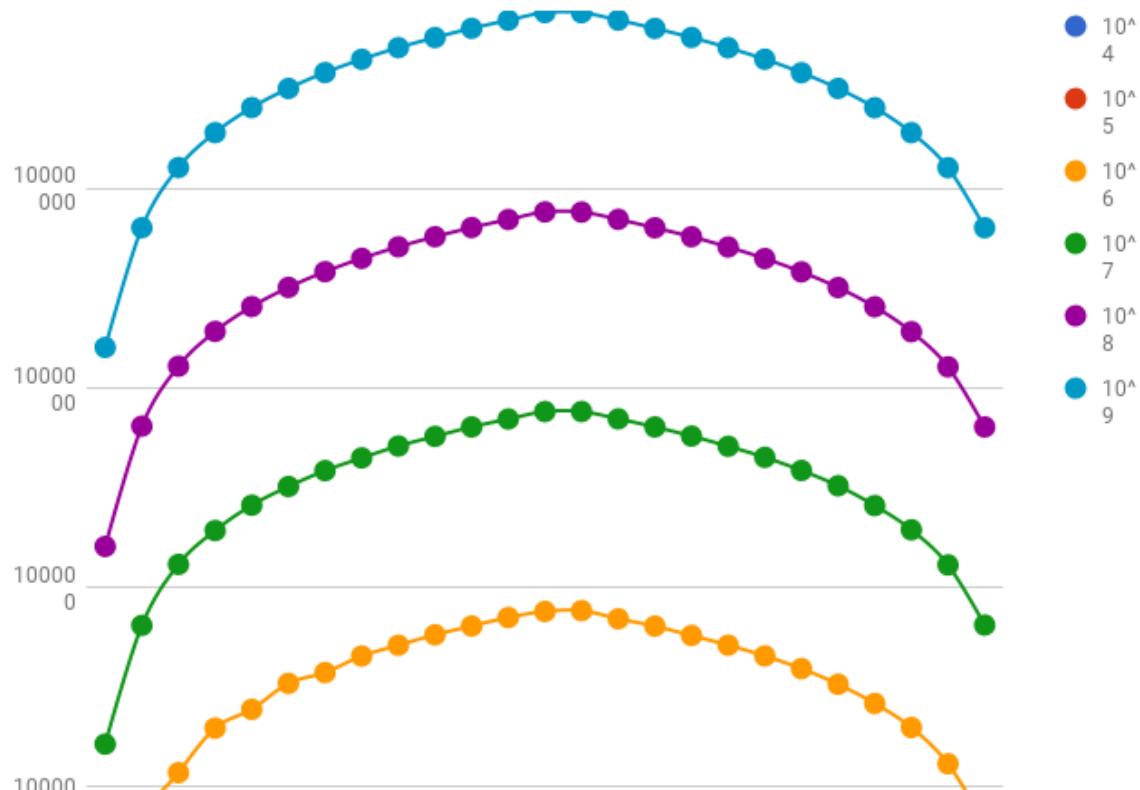


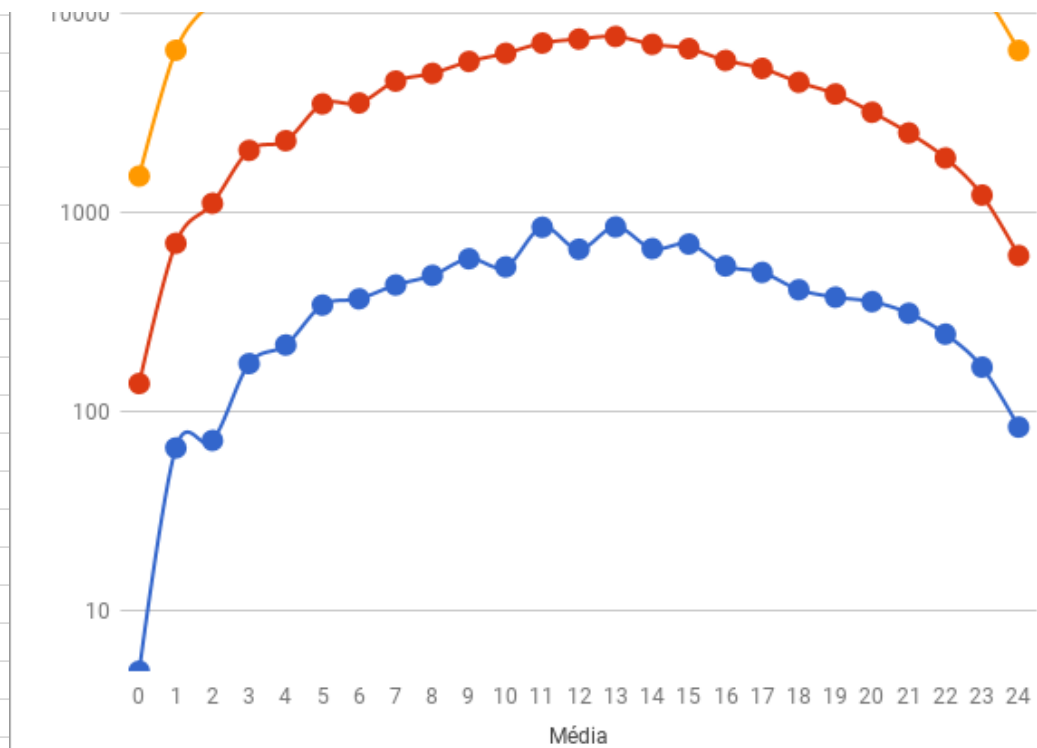
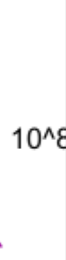
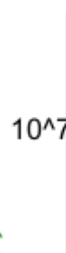


Mini Gráficos



Escala Logarítmica



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