

Supplementary material

Supplementary Tables with Legends

Institution	Year	$\langle x \rangle$	σ	x_{\max}	γ	Range	D	p
Mount Sinai Hospital	2009	17618.40	450408.65	37259947	1.92 ± 0.08	1 to 90	0.12	0.00
	2010	19348.18	429587.88	27885708	2.02 ± 0.10	1 to 90	0.10	0.00
Einstein School of Medicine	2006	3247.30	46940.29	2000000	1.79 ± 0.02	1 to 2000	0.11	0.00
	2007	4768.09	78762.48	5350000	1.71 ± 0.01	1 to 2000	0.15	0.00
	2008	10385.80	199751.68	10200000	1.80 ± 0.01	1 to 2000	0.21	0.00
	2009	5212.92	139468.89	10000000	1.84 ± 0.01	1 to 2000	0.15	0.00
	2010	4917.94	61893.49	2000000	1.80 ± 0.06	1 to 2000	0.15	0.00
University of Vermont	1974	155.76	2811.94	200000	1.94 ± 0.01	3 to 794	0.18	0.00
	1980	284.31	5284.36	326000	1.85 ± 0.03	3 to 794	0.11	0.00
	1990	350.23	5382.45	500000	2.16 ± 0.01	3 to 794	0.38	0.00
	2000	805.33	15120.53	1488000	1.71 ± 0.03	3 to 794	0.09	0.00
	2010	741.40	17029.10	2000000	1.81 ± 0.05	3 to 794	0.13	0.00
United Way, Chittenden County	2004	441.71	1133.02	30000	2.77 ± 0.04	1 to 316	0.21	0.00
	2005	464.47	1444.26	50000	2.58 ± 0.22	1 to 316	0.13	0.00
	2006	456.86	1199.92	25000	2.42 ± 0.05	1 to 316	0.07	0.00
	2007	456.16	1279.14	30000	2.42 ± 0.14	1 to 316	0.07	0.00
	2008	287.53	1089.92	45460	2.53 ± 0.00	1 to 316	0.14	0.00
	2009	278.93	1122.44	56500	2.55 ± 0.08	1 to 316	0.12	0.00
	2010	287.58	1271.10	70518	2.47 ± 0.09	1 to 316	0.08	0.00
ECHO Science Museum	2005	977.77	3153.41	25000	1.66 ± 0.03	2 to 88	0.20	0.00
	2006	951.16	3415.22	25000	1.59 ± 0.02	2 to 88	0.28	0.00
	2007	941.61	3161.08	25000	1.59 ± 0.07	2 to 88	0.31	0.00
	2008	956.88	2688.31	20000	1.56 ± 0.01	2 to 88	0.26	0.00
	2009	676.84	2098.96	20000	1.73 ± 0.15	2 to 88	0.17	0.00
Flynn Theater	2006	241.87	1528.82	65065	2.18 ± 0.04	1 to 2000	0.26	0.00
	2007	268.54	1732.33	60000	2.15 ± 0.05	1 to 2000	0.25	0.00
	2008	248.00	1015.39	27500	2.15 ± 0.00	1 to 2000	0.22	0.00
	2009	242.90	1212.42	40000	2.18 ± 0.04	1 to 2000	0.23	0.00
	2010	246.13	1606.43	70000	2.09 ± 0.05	1 to 2000	0.22	0.00

Table S1. Summary statistics of all of the donation data is presented. The reported γ and range are fit with the MLE method, and the x_{\min} which was found to minimize the Kolmogorov-Smirnoff statistic D is reported along with D itself. In this case, lower values of D indicate a better fit.

Institution	Year	p	Log-Normal LR	p	Exponential LR	p	Stretched Exp. LR	p	Cutoff Power Law LR	p
Mount Sinai Hospital	2009	0.00	-0.21	0.67	31.80	0.01	-0.19	0.82	-0.53	0.30
	2010	0.00	-0.00	0.99	47.31	0.00	0.46	0.60	-0.23	0.50
Einstein School of Medicine	2006	0.00	-6.22	0.03	378.82	0.00	-7.06	0.03	-8.31	0.00
	2007	0.00	-0.30	0.59	17.65	0.01	-0.35	0.61	-0.67	0.25
	2008	0.00	-1.03	0.37	1235.22	0.00	0.71	0.81	-2.85	0.02
	2009	0.00	-2.48	0.13	578.27	0.00	-2.75	0.22	-5.82	0.00
	2010	0.00	-1.52	0.22	842.87	0.00	-0.64	0.80	-5.19	0.00
University of Vermont	1974	0.00	-0.39	0.54	20.93	0.00	-0.49	0.54	-1.17	0.13
	1980	0.00	-0.72	0.41	82.27	0.00	-0.81	0.47	-1.82	0.06
	1990	0.00	-0.94	0.36	23.05	0.01	-1.11	0.34	-1.79	0.06
	2000	0.00	-0.65	0.45	30.59	0.00	-0.78	0.44	-1.52	0.08
	2010	0.00	$-\infty$	0.00	7.75	0.02	0.39	0.34	-0.00	0.94
United Way, Chittenden County	2004	0.00	-0.46	0.47	28.75	0.00	-0.53	0.55	-1.29	0.11
	2005	0.00	-0.08	0.77	54.69	0.00	0.36	0.74	-0.69	0.24
	2006	0.00	-0.12	0.71	68.71	0.00	0.44	0.71	-0.85	0.19
	2007	0.00	-0.61	0.43	48.21	0.00	-0.65	0.57	-1.64	0.07
	2008	0.00	-0.13	0.72	46.52	0.00	0.14	0.90	-0.71	0.23
	2009	0.00	-0.35	0.55	48.39	0.00	-0.28	0.80	-1.15	0.13
	2010	0.00	-0.32	0.58	35.25	0.00	-0.30	0.77	-0.90	0.18
ECHO Science Museum	2005	0.00	-2.47	0.25	31.43	0.04	-3.04	0.21	-3.56	0.01
	2006	0.00	-0.20	0.69	1.42	0.57	-0.28	0.68	-0.53	0.30
	2007	0.00	$-\infty$	0.00	4.56	0.03	0.20	0.35	0.00	1.00
	2008	0.00	$-\infty$	0.00	4.28	0.00	0.29	0.19	0.00	1.00
	2009	0.00	-0.87	0.47	31.48	0.01	-1.23	0.44	-2.51	0.03
Flynn Theater	2006	0.00	-0.52	0.46	272.93	0.00	0.32	0.87	-2.80	0.02
	2007	0.00	-0.06	0.80	4.53	0.14	-0.08	0.86	-0.26	0.47
	2008	0.00	-0.56	0.45	303.73	0.00	0.38	0.86	-3.35	0.01
	2009	0.00	-0.25	0.63	281.34	0.00	1.11	0.59	-2.16	0.04
	2010	0.00	-3.96	0.07	129.19	0.00	-4.61	0.06	-6.78	0.00

Table S2. The results of the Likelihood-Ratio and its associated p-value are reported for different distributions. Here, positive values lend support to the Power Law and negative values to the other stated distribution. The significance of the **LR** is **p**, where low values of **p** indicate a trustworthy **LR**. Values for which **p** < 0.05 are bolded.

Name	Year	$\langle x \rangle$	σ	x_{\max}	γ_{MLE}	x_{\min}	D	p	γ_{LS}	Range
Romney	2010	94456.52	336755.59	1670000	2.09 ± 0.25	10000	0.11	0.00	1.65 ± 0.13	1 to 23
McCain	2006	11037.59	15077.01	50500	1.88 ± 0.28	4000	0.20	0.00	1.47 ± 0.12	1 to 17
Obama	2011	4413.59	18330.81	117130	3.16 ± 0.39	1000	0.13	0.00	1.96 ± 0.26	1 to 39
HW Bush	1990	749.94	1116.48	5521	3.35 ± 0.61	1000	0.17	0.00	1.79 ± 0.19	1 to 52
Clinton	1992	2083.75	3117.79	10220	2.06 ± 0.43	550	0.15	0.50	1.69 ± 0.12	1 to 8
Nixon	1972	73.75	73.77	200	2.16 ± 0.58	20	0.18	1.00	1.58 ± 0.11	1 to 4

Table S3. Summary statistics of all of the Presidential donation data.

Name	Year	p	Log-Normal		Exponential		Stretched Exp.		Cutoff Power Law	
			LR	p	LR	p	LR	p	LR	p
Romney	2010	0.00	$-\infty$	0.00	28.63	0.00	0.70	0.15	0.00	1.00
McCain	2006	0.00	-0.39	0.60	0.10	0.96	-0.56	0.58	-0.75	0.22
Obama	2011	0.00	$-\infty$	0.00	55.53	0.00	2.67	0.01	0.00	1.00
HW Bush	1990	0.00	$-\infty$	0.00	5.27	0.01	0.55	0.09	0.00	1.00
Clinton	1992	0.50	$-\infty$	0.00	2.58	0.15	0.06	0.78	-0.02	0.83
Nixon	1972	1.00	$-\infty$	0.00	1.11	0.41	0.03	0.85	-0.03	0.82

Table S4. The results of the Likelihood-Ratio and its associated p-value are reported for the presidential candidates.