Ergodid evolution of weighted value as flows or stocks to 32 microstates, m, per microstate

Number of $m = 2^M = \text{sum}(m_M0_M)$, $m_M0_M = (m_{(M-1)\,x}\ (b\ ^{+}/_{-}\ f)$, where caput is +f, cauda is -f, base and b = 1.00 for initial iteration.

Factor, f = 0 to 1	Count / Sum	Caput* m_50_0 = 1	Tier m_50_1 = 5	Tier m_50_2 = 10	Tier m_50_3 = 10	Tier m_50_4 = 5	Cauda m_50_5 = 1	Tier m_M0_M ratio	# $^{w}/_{o}$ $M0_0$	Avg>1	#	Avg<1
		Each @	Each @	Each @	Each @	Each @	Each @					
0%	32.0	1.00	1.00	1.00	1.00	1.00	1.00	1/1	0	NA	0	NA
10%	32.0	1.61	1.32	1.08	0.88	0.72	0.59	1/1.2	15	1.16	16	0.81
25%	32.0	3.05	1.83	1.10	0.66	0.40	0.24	1/1.7	15	1.34	16	0.55
38.2%	32.0	5.04	2.25	1.01	0.45	0.20	0.09	1/2.3	15	1.42	16	0.35
50%	32.0	7.59	2.53	0.84	0.28	0.09	0.03	1/3	5	2.53	26	0.45
60%	32.0	10.49	2.62	0.66	0.16	0.04	0.01	1/4	5	2.62	26	0.32
72%	32.0	15.05	2.45	0.40	0.06	0.01	0.00	1/6	5	2.45	26	0.18
86.4%	32.0	22.50	1.64	0.12	0.01	0.00	0.00	1/14	5	1.64	26	0.05
92.8%	32.0	26.61	1.00	0.02	0.00	0.00	0.00	1/27	5	1.00	26	0.02
100%	32.0	32.00	0.00	0.00	0.00	0.00	0.00	1/inf	0	0.00	31	0.00

Ergodid evolution of weighted value as flows or stocks to 32 microstates, m, per sum over tier

Number of $m = 2^M = \text{sum}(m_M0_M)$, $m_M0_M = (m_{(M-1)\,x}\ (b\ ^{+}/_{-}\ f)$, where caput is +f, cauda is -f, base and b = 1.00 for initial iteration.

Factor = 0 to 1	Count / Sum	Caput* m_50_0 , =	Tier m_50_1 , sum =	Tier m_50_2 , sum =	Tier m_50_3 , sum =	Tier m_50_4 , sum =	Cauda m_50_5 , =	Tier M_50_M ratio	# $^{w}/_{o}$ $M0_0$	Avg>1	#	Avg<1
-0.5, 0.5	100%	3.1%	15.6%	31.3%	31.3%	15.6%	3.1%					
0%	32.0	1.00	5.00	10.00	10.00	5.00	1.00	1/1	0	NA	0	NA
10%	32.0	1.61	6.60	10.80	8.80	3.60	0.59	1/1.2	15	1.16	16	0.81
25%	32.0	3.05	9.15	11.00	6.60	2.00	0.24	1/1.7	15	1.34	16	0.55
38.2%	32.0	5.04	11.25	10.10	4.50	1.00	0.09	1/2.3	15	1.42	16	0.35
50%	32.0	7.59	12.65	8.40	2.80	0.45	0.03	1/3	5	2.53	26	0.45
60%	32.0	10.49	13.10	6.60	1.60	0.20	0.01	1/4	5	2.62	26	0.32
72%	32.0	15.05	12.25	4.00	0.60	0.05	0.00	1/6	5	2.45	26	0.18
86.4%	32.0	22.50	8.20	1.20	0.10	0.00	0.00	1/14	5	1.64	26	0.05
92.8%	32.0	26.61	5.00	0.20	0.00	0.00	0.00	1/27	5	1.00	26	0.02
100%	32.0	32.00	0.00	0.00	0.00	0.00	0.00	1/inf	0	0.00	31	0.00

Ergodid evolution of weighted value as percentage of tier sums

Factor = 0 to 1	Count / Sum	Caput* m_50_0 = 1	Tier m_50_1 = 5	Tier m_50_2 = 10	Tier m_50_3 = 10	Tier m_50_4 = 5	Cauda m_50_5 = 1	Tier m_M0_M ratio	# $^{w}/_{o}$ $M0_0$	Avg>1	#	Avg<1
0%	100%	3.1%	15.6%	31.3%	31.3%	15.6%	3.1%	1/1	0	NA	0	NA
10%	100%	5.0%	20.7%	33.8%	27.5%	11.2%	1.8%	1/1.2	15	54.5%	16	40.5%
25%	100%	9.5%	28.6%	34.4%	20.6%	6.2%	0.7%	1/1.7	15	63.0%	16	27.5%
38.2%	100%	15.8%	35.2%	31.5%	14.1%	3.1%	0.3%	1/2.3	15	66.7%	16	17.5%
Factor 38.2% +/- represents an inflection point above which the 10 microstates m_50_2, along with m_50_3 to m_50_5, average less than 1.0.												
50%	100%	23.7%	39.5%	26.3%	8.9%	1.5%	0.1%	1/3	5	39.5%	26	36.8%
Factor 50% is an inflection point above which the lowest microstate, m_50_5, is less than the deterministic probability 0.03125. Factors conforming to US Fed data for 4Q 1989 & 4Q 2019 household Income as flows and Net Worth as stock: 1989 – 50% Income, 60% Stock, 2019 – 60% Income, 72% Stock, A future forecast, all else being equal – 72% Income, 86.4% Stock.												
60%	100%	32.8%	40.9%	20.6%	5.0%	0.6%	0.0%	1/4	5	40.9%	26	26.3%
72%	100%	47.1%	38.3%	12.5%	1.9%	0.2%	0%	1/6	5	38.3%	26	14.6%
86.4%	100%	70.3%	25.6%	3.8%	0.3%	0%	0%	1/14	5	25.6%	26	4.1%
92.8%	100%	83.2%	15.6%	1.2%	0%	0%	0%	1/27	5	15.6%	26	1.2%
Factor 92.8% +/- is an inflection point at m_50_1 above which m_50_0 is the only microstate valued greater than 1.0.												
100%	100%	100%	0%	0%	0%	0%	0%	1/inf	0		31	0%
At 100%, all microstates other than m_50_0 are valued at 0.0. All microstates shaded yellow are valued less than 0.03125.												