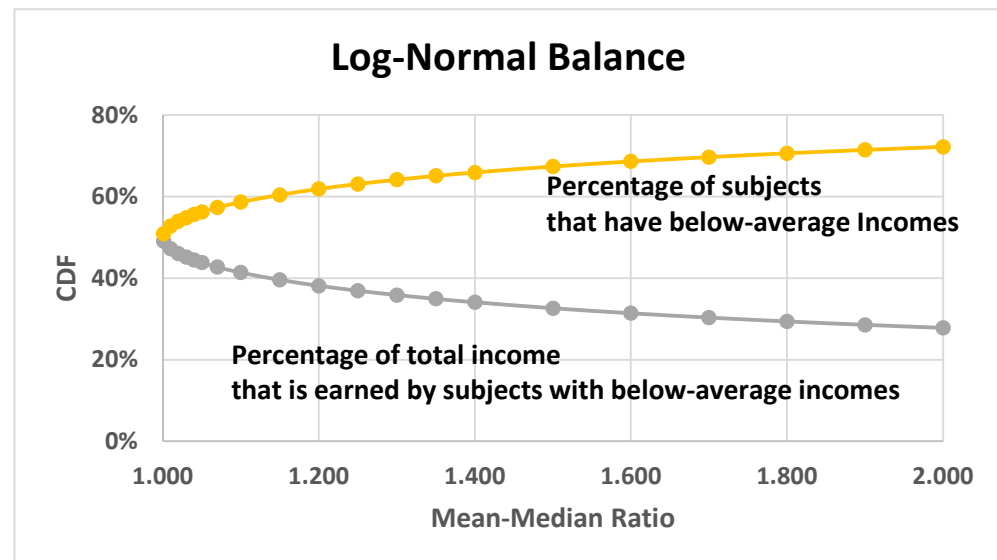
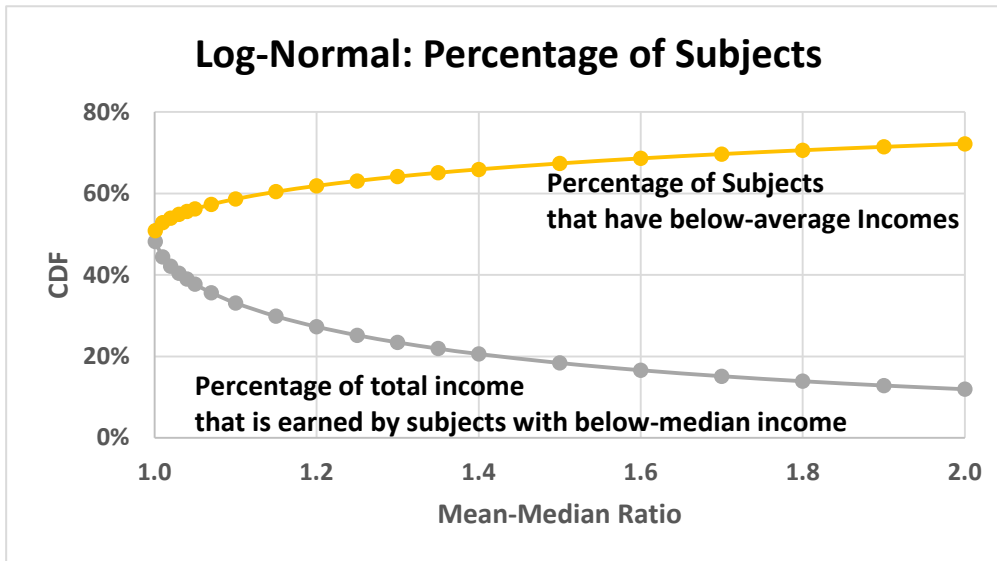
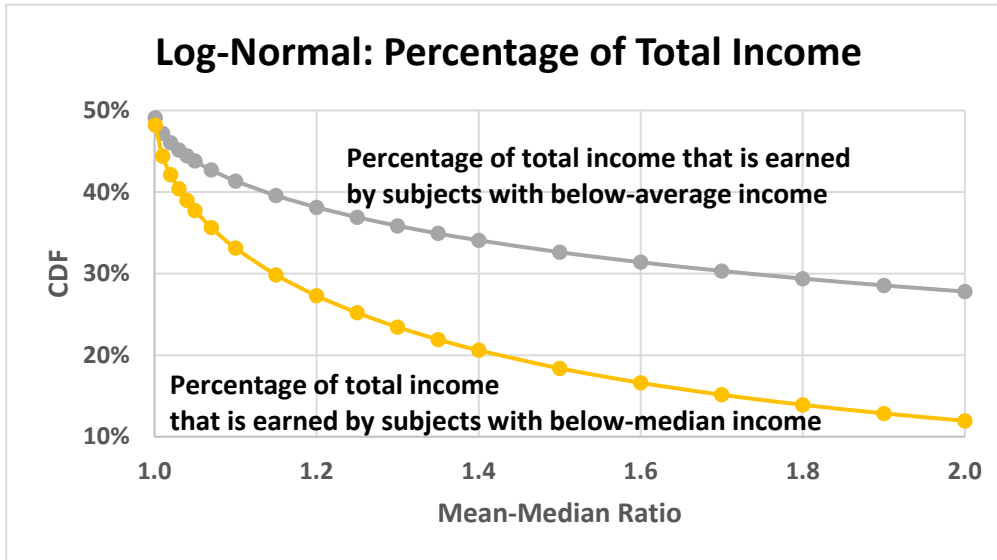


A	B	C	D	E	F	G	H	I	J	K	L			
Model cdf(Median), cdf(Mean) and Gini as a function of the Mean-Median ratio											100			
Mn/Md	Ln(Mn/Md)	Sqrt()/2]	cdf#(Mn)	cdf\$(Mn)	cdf\$(Md)	Gini	Pcdf\$(mn+)	Pcdf\$(md+)	Proxy1	Proxy2	Proxy3	Half	Differ	%Diff
1.001	0.001	0.02236	50.9%	49.1%	48.2%	3%	1.8%	3.6%	2.7%	-0.002	-6.1%			
1.01	0.010	0.07053	52.8%	47.2%	44.4%	8%	5.6%	11.2%	8.4%	-0.005	-6.0%			
1.02	0.020	0.09951	54.0%	46.0%	42.1%	11%	7.9%	15.8%	11.9%	-0.007	-5.9%			
1.03	0.030	0.12157	54.8%	45.2%	40.4%	14%	9.7%	19.2%	14.4%	-0.008	-5.8%			
1.04	0.039	0.14004	55.6%	44.4%	39.0%	16%	11.1%	22.1%	16.6%	-0.009	-5.7%			
1.05	0.049	0.15619	56.2%	43.8%	37.7%	17%	12.4%	24.5%	18.5%	-0.010	-5.6%			
1.07	0.068	0.18393	57.3%	42.7%	35.6%	21%	14.6%	28.7%	21.6%	-0.011	-5.5%			
1.10	0.095	0.2183	58.6%	41.4%	33.1%	24%	17.3%	33.8%	25.5%	-0.013	-5.3%			
1.15	0.140	0.26435	60.4%	39.6%	29.9%	29%	20.8%	40.3%	30.6%	-0.014	-4.9%			
1.20	0.182	0.30193	61.9%	38.1%	27.3%	33%	23.7%	45.4%	34.6%	-0.015	-4.6%			
1.25	0.223	0.33402	63.1%	36.9%	25.2%	36%	26.2%	49.6%	37.9%	-0.015	-4.2%			
1.30	0.262	0.36219	64.1%	35.9%	23.4%	39%	28.3%	53.1%	40.7%	-0.015	-4.0%			
1.35	0.300	0.38737	65.1%	34.9%	21.9%	42%	30.2%	56.2%	43.2%	-0.015	-3.7%			
1.40	0.336	0.41017	65.9%	34.1%	20.6%	44%	31.8%	58.8%	45.3%	-0.015	-3.4%			
1.5	0.405	0.45026	67.4%	32.6%	18.4%	48%	34.7%	63.2%	49.0%	-0.014	-3.0%			
1.6	0.470	0.48477	68.6%	31.4%	16.6%	51%	37.2%	66.8%	52.0%	-0.013	-2.5%			
1.7	0.531	0.51509	69.7%	30.3%	15.1%	53%	39.4%	69.7%	54.5%	-0.012	-2.2%			
1.8	0.588	0.54212	70.6%	29.4%	13.9%	56%	41.2%	72.2%	56.7%	-0.010	-1.8%			
1.9	0.642	0.5665	71.4%	28.6%	12.9%	58%	42.9%	74.3%	58.6%	-0.009	-1.5%			
2.0	0.693	0.58871	72.2%	27.8%	12.0%	59%	44.4%	76.1%	60.2%	-0.008	-1.3%			
2.25	0.811	0.63676	73.8%	26.2%	10.1%	63%	47.6%	79.7%	63.6%	-0.004	-0.7%			
2.50	0.916	0.67686	75.1%	24.9%	8.8%	66%	50.2%	82.4%	66.3%	-0.001	-0.2%			
3.0	1.099	0.74115	77.1%	22.9%	6.9%	71%	54.1%	86.2%	70.2%	0.004	0.5%			
3.5	1.253	0.79144	78.6%	21.4%	5.7%	74%	57.1%	88.7%	72.9%	0.008	1.1%			
4.0	1.386	0.83255	79.7%	20.3%	4.8%	76%	59.5%	90.4%	75.0%	0.011	1.5%			
4.5	1.504	0.8672	80.7%	19.3%	4.1%	78%	61.4%	91.7%	76.6%	0.014	1.8%			
5	1.609	0.89706	81.5%	18.5%	3.6%	80%	63.0%	92.7%	77.9%	0.017	2.1%			
6	1.792	0.94651	82.8%	17.2%	2.9%	82%	65.6%	94.2%	79.9%	0.020	2.5%			
7	1.946	0.98638	83.8%	16.2%	2.4%	84%	67.6%	95.1%	81.4%	0.023	2.8%			
8	2.079	1.01967	84.6%	15.4%	2.1%	85%	69.2%	95.9%	82.5%	0.025	3.0%			
9	2.197	1.04815	85.3%	14.7%	1.8%	86%	70.5%	96.4%	83.5%	0.027	3.1%			
10	2.303	1.07298	85.8%	14.2%	1.6%	87%	71.7%	96.8%	84.2%	0.028	3.3%			
11	2.398	1.09496	86.3%	13.7%	1.4%	88%	72.6%	97.1%	84.9%	0.030	3.4%			
12	2.485	1.11465	86.8%	13.2%	1.3%	89%	73.5%	97.4%	85.5%	0.030	3.4%			
13	2.565	1.13246	87.1%	12.9%	1.2%	89%	74.3%	97.6%	86.0%	0.031	3.5%			
14	2.639	1.14871	87.5%	12.5%	1.1%	90%	74.9%	97.8%	86.4%	0.032	3.6%			
15	2.708	1.16363	87.8%	12.2%	1.0%	90%	75.5%	98.0%	86.8%	0.032	3.6%			
16	2.773	1.17741	88.0%	12.0%	0.9%	90%	76.1%	98.1%	87.1%	0.033	3.6%			
17	2.833	1.19021	88.3%	11.7%	0.9%	91%	76.6%	98.3%	87.4%	0.033	3.7%			
18	2.890	1.20216	88.5%	11.5%	0.8%	91%	77.1%	98.4%	87.7%	0.034	3.7%			
19	2.944	1.21335	88.8%	11.2%	0.8%	91%	77.5%	98.5%	88.0%	0.034	3.7%			
20	2.996	1.22387	89.0%	11.0%	0.7%	92%	77.9%	98.6%	88.2%	0.034	3.7%			
21	3.045	1.2338	89.1%	10.9%	0.7%	92%	78.3%	98.6%	88.5%	0.034	3.7%			
22	3.091	1.24319	89.3%	10.7%	0.6%	92%	78.6%	98.7%	88.7%	0.035	3.8%			
23	3.135	1.2521	89.5%	10.5%	0.6%	92%	78.9%	98.8%	88.9%	0.035	3.8%			
24	3.178	1.26057	89.6%	10.4%	0.6%	93%	79.3%	98.8%	89.0%	0.035	3.8%			
25	3.219	1.26864	89.8%	10.2%	0.6%	93%	79.5%	98.9%	89.2%	0.035	3.8%			
26	3.258	1.27634	89.9%	10.1%	0.5%	93%	79.8%	98.9%	89.4%	0.035	3.8%			



Note: $CDF_{top} = 1 - CDF_{bottom}$
 $2*(CDF_{top} - 0.5) = 2*(0.5 - CDF_{bottom})$

B5	$\ln(Mn/Md)$	$=LN(A5)$
C5	$Sqrt[()/2]$	$=SQRT((B5)/2)$
D5	$cdf\#(Mn)$	$=NORM.S.DIST(C5,1)$
E5	$cdf\$(Mn)$	$=LOGNORM.DIST(L\$2*A5, LN(L\$2)+2*B5, SQRT(2*B5),1)$
F5	$cdf\$(Md)$	$=LOGNORM.DIST(L\$2, LN(L\$2)+2*B5, SQRT(2*B5),1)$
G5	Gini	$=2*NORM.S.DIST(SQRT(LN(A5)),1) - 1$
H5	$Pcdf\$(mn+)$	$=2*(D5-0.5)$
I5	$Pcdf\$(md+)$	$=2*(0.5-F5)$
J5	Half	$=(H5+I5)/2$
K5	Differ	$=G5-J5$
L5	%Diff	$=K5/G5$

