## ThesisNumSummaries FURTHER

## *Dylan Hull-Nye* 2/28/2020

Table 1: [Param=Beta] SampleSize= 500 NumSample= 2 Space= 1

Mean	SD	Shapiro.P.Value	CI.95.Lower	CI.95.Upper
0.2498909	0.564378	2.4e-06	0.2003016	0.2994802

Table 2: [Param=Gamma] SampleSize= 500 NumSample= 2 Space= 1

Mean	SD	Shapiro.P.Value	CI.95.Lower	CI.95.Upper
0.1932893	0.24163	0	0.1720584	0.2145202

Table 3: [Param=i0] SampleSize= 500 NumSample= 2 Space= 1

Mean	SD	Shapiro.P.Value	CI.95.Lower	CI.95.Upper
2228.351	1188.527	0	2123.921	2332.781

Table 4: [Param=s0] SampleSize= 500 NumSample= 2 Space= 1

Mean	SD	Shapiro.P.Value	CI.95.Lower	CI.95.Upper
76657.47	1782.79	0	76500.83	76814.12

Table 5: [Param=r0] SampleSize= 500 NumSample = 2 Space = 1

Mean	SD	Shapiro.P.Value	CI.95.Lower	CI.95.Upper
1114.175	594.2634	0	1061.96	1166.391

Mean	SD	Shapiro.P.Value	CI.95.Lower	CI.95.Upper

Table 6: [Param=Beta] SampleSize= 500 NumSample= 3 Space= 1

Mean	SD	Shapiro.P.Value	CI.95.Lower	${ m CI.95.Upper}$
0.2487441	0.2735482	0.0232706	0.2247087	0.2727795

Table 7: [Param=Gamma] SampleSize= 500 NumSample= 3 Space= 1

Mean	SD	Shapiro.P.Value	${\it CI.95.Lower}$	${\it CI.95. Upper}$
0.1853712	0.1276292	0	0.174157	0.1965854

Table 8: [Param=i0] SampleSize= 500 NumSample= 3 Space= 1

Mean	SD	Shapiro.P.Value	CI.95.Lower	CI.95.Upper
2091.058	706.0257	0	2029.023	2153.094

Table 9: [Param=s0] SampleSize= 500 NumSample= 3 Space= 1

Mean	SD	Shapiro.P.Value	CI.95.Lower	CI.95.Upper
76863.41	1059.039	0	76770.36	76956.47

Table 10: [Param=r0] SampleSize= 500 NumSample= 3 Space= 1

Mean	SD	Shapiro.P.Value	CI.95.Lower	CI.95.Upper
1045.529	353.0129	0	1014.512	1076.547

Mean	SD	Shapiro.P.Value	CI.95.Lower	CI.95.Upper

Table 11: [Param=Beta] Sample Size= 500 NumSample= 4 Space= 1

Mean	SD	Shapiro.P.Value	CI.95.Lower	CI.95.Upper
0.2530397	0.1716709	0.1385988	0.2379558	0.2681236

Table 12: [Param=Gamma] SampleSize= 500 NumSample= 4 Space= 1

Mean	SD	Shapiro.P.Value	CI.95.Lower	CI.95.Upper
0.184302	0.084743	1.7e-06	0.176856	0.191748

Table 13: [Param=i0] SampleSize= 500 NumSample = 4 Space = 1

Mean	SD	Shapiro.P.Value	CI.95.Lower	CI.95.Upper
2050.871	556.3072	0	2001.991	2099.752

Table 14: [Param=s0] SampleSize= 500 NumSample= 4 Space= 1

Mean	SD	Shapiro.P.Value	CI.95.Lower	CI.95.Upper
76923.69	834.4608	0	76850.37	76997.01

Table 15: [Param=r0] SampleSize= 500 NumSample= 4 Space= 1

Mean	SD	Shapiro.P.Value	CI.95.Lower	CI.95.Upper
1025.436	278.1536	0	1000.996	1049.876

Mean	SD	Shapiro.P.Value	CI.95.Lower	CI.95.Upper
Table 16:	[Param=Be	eta] SampleSize= 5	00 NumSample	e= 5 Space=
Mean	SD	Shapiro.P.Value	CI.95.Lower	CI.95.Upper
0.2545813	0.1235042	0.0087508	0.2437296	0.2654331
Table 17 Space= 1		Gamma] SampleS	ize= 500 Num	aSample= 5
Mean	SD	Shapiro.P.Value	CI.95.Lower	CI.95.Upper
0.1838289	0.065232	4e-07	0.1780972	0.1895605

Table 18: [Param=i0]	CampleCize 500	0 NumCampla_	5 Cnaco 1
Table to:   Faram=10	- SampleSize= 500	о мишьашые=	o obace= 1

Mean	SD	Shapiro.P.Value	CI.95.Lower	CI.95.Upper
2027.796	453.8925	1.1e-06	1987.915	2067.678

Table 19: [Param=s0] SampleSize= 500 NumSample= 5 Space= 1

Mean	SD	Shapiro.P.Value	CI.95.Lower	CI.95.Upper
76958.31	680.8387	1.1e-06	76898.48	77018.13

Table 20: [Param=r0] SampleSize= 500 NumSample= 5 Space= 1

Mean	SD	Shapiro.P.Value	CI.95.Lower	CI.95.Upper
1013.898	226.9462	1.1e-06	993.9574	1033.839

Mean	SD	Shapiro.P.Value	CI.95.Lower	CI.95.Upper

Table 21: [Param=Beta] Sample Size= 500 NumSample= 6 Space= 1

Mean	SD	Shapiro.P.Value	CI.95.Lower	CI.95.Upper
0.2510954	0.0931486	0.0094148	0.2429108	0.2592799

Table 22: [Param=Gamma] SampleSize= 500 NumSample= 6 Space= 1

Mean	SD	Shapiro.P.Value	CI.95.Lower	CI.95.Upper
0.1820935	0.0516843	0	0.1775522	0.1866347

Table 23: [Param=i0] SampleSize= 500 NumSample= 6 Space= 1

Mean	SD	Shapiro.P.Value	CI.95.Lower	CI.95.Upper
2026.498	396.945	9.75 e-05	1991.62	2061.375

Table 24: [Param=s0] SampleSize= 500 NumSample= 6 Space= 1

Mean	SD	Shapiro.P.Value	CI.95.Lower	CI.95.Upper
76960.25	595.4175	9.75 e-05	76907.94	77012.57

Table 25: [Param=r0] SampleSize= 500 NumSample= 6 Space= 1

Mean	SD	Shapiro.P.Value	CI.95.Lower	CI.95.Upper
1013.249	198.4725	9.75e-05	995.81	1030.688

Mean	SD	Shapiro.P.Value	CI.95.Lower	CI.95.Upper

Table 26: [Param=Beta] Sample Size= 500 NumSample= 7 Space=  $1\,$ 

Mean	SD	Shapiro.P.Value	CI.95.Lower	CI.95.Upper
0.2521211	0.0773517	0.0093389	0.2453245	0.2589176

Table 27: [Param=Gamma] SampleSize= 500 NumSample= 7 Space= 1

Mean	SD	Shapiro.P.Value	CI.95.Lower	CI.95.Upper
0.1815205	0.0438638	0	0.1776664	0.1853746

Table 28: [Param=i0] SampleSize= 500 NumSample= 7 Space= 1

Mean	SD	Shapiro.P.Value	CI.95.Lower	CI.95.Upper
2018.248	382.019	6.11e-05	1984.681	2051.814

Table 29: [Param=s0] SampleSize= 500 NumSample= 7 Space= 1

Mean	SD	Shapiro.P.Value	CI.95.Lower	CI.95.Upper
76972.63	573.0285	6.11e-05	76922.28	77022.98

Table 30: [Param=r0] SampleSize= 500 NumSample= 7 Space= 1

Mean	SD	Shapiro.P.Value	CI.95.Lower	CI.95.Upper
1009.124	191.0095	6.11e-05	992.3407	1025.907

Mean	SD	Shapiro.P.Value	CI.95.Lower	CI.95.Upper

Table 31: [Param=Beta] SampleSize= 500 NumSample= 8 Space= 1

Mean	SD	Shapiro.P.Value	CI.95.Lower	CI.95.Upper
0.2524512	0.0623432	0.3808063	0.2469734	0.257929

Table 32: [Param=Gamma] SampleSize= 500 NumSample= 8 Space= 1

Mean	SD	Shapiro.P.Value	CI.95.Lower	CI.95.Upper
0.1824202	0.03637	1.38e-05	0.1792246	0.1856159

Table 33: [Param=i0] SampleSize= 500 NumSample= 8 Space= 1

Mean	SD	Shapiro.P.Value	CI.95.Lower	CI.95.Upper
2012.698	330.392	3.9e-06	1983.668	2041.728

Table 34: [Param=s0] SampleSize= 500 NumSample= 8 Space= 1

Mean	SD	Shapiro.P.Value	CI.95.Lower	CI.95.Upper
76980.95	495.588	3.9e-06	76937.41	77024.5

Table 35: [Param=r0] SampleSize= 500 NumSample= 8 Space= 1

Mean	SD	Shapiro.P.Value	CI.95.Lower	CI.95.Upper
1006.349	165.196	3.9e-06	991.8342	1020.864

$\overline{\mathrm{M}\epsilon}$	an	SD	Shapiro.P.Value	CI.95.Lower	CI.95.Upper
Table	36: [Pa	ram=Be	eta] SampleSize= 3	000 NumSampl	e= 2 Space=
1			r	· · · · · · · · · · · · · · · · · · ·	
Mea	an	SD	Shapiro.P.Value	CI.95.Lower	CI.95.Uppe
0.25984	98 0.2	2193741	0.6751707	0.2519966	0.267703
Table	37· [F	Param=0	Gamma] SampleSi	ze= 3000 Nun	nSample= 2
Space		aram—		2000 Trui	asampie— 2
N.f		CD	Cl : D V-1	CI Of I	OI OF II
Mea		SD	Shapiro.P.Value	CI.95.Lower	CI.95.Uppe
0.18547	99 0.0	)915127	0.0954089	0.1822039	0.1887559
Table	38: [Pa	aram=i0	SampleSize= 300	0 NumSample=	= 2 Space= 1
		~-			
Me	an	SD	Shapiro.P.Value	CI.95.Lower	CI.95.Upper
2021.7	92 41	9.0914	0	2006.789	2036.795
Table	39: [Pa	aram=s0	] SampleSize= 300	0 NumSample=	= 2 Space= 1

0

76944.81

76989.82

76967.31

628.6371

	Mean	SD	Shapiro.P.Value	CI.95.Lower	CI.95.Upper
1	1010.896	209.5457	0	1003.395	1018.397

Mean	SD	Shapiro.P.Value	CI.95.Lower	CI.95.Upper

Table 41: [Param=Beta] Sample Size= 3000 NumSample= 3 Space=  $1\,$ 

Mean	SD	Shapiro.P.Value	CI.95.Lower	CI.95.Upper
0.2446363	0.0993665	0.6839006	0.2410791	0.2481934

Table 42: [Param=Gamma] SampleSize= 3000 NumSample= 3 Space= 1

Mean	SD	Shapiro.P.Value	CI.95.Lower	CI.95.Upper
0.1777896	0.0464777	0.7434346	0.1761258	0.1794535

Table 43: [Param=i0] SampleSize= 3000 NumSample= 3 Space= 1

Mean	SD	Shapiro.P.Value	CI.95.Lower	CI.95.Upper
2029.959	257.9334	0.0004499	2020.725	2039.192

Table 44: [Param=s0] SampleSize= 3000 NumSample= 3 Space= 1

Mean	SD	Shapiro.P.Value	CI.95.Lower	CI.95.Upper
76955.06	386.9001	0.0004499	76941.21	76968.91

Table 45: [Param=r0] SampleSize= 3000 NumSample= 3 Space= 1

Mean	SD	Shapiro.P.Value	CI.95.Lower	CI.95.Upper
1014.979	128.9667	0.0004499	1010.362	1019.596

Mean	SD	Shapiro.P.Value	CI.95.Lower	CI.95.Upper
Table 46:	[Param=Be	ta] SampleSize= 30	000 NumSample	e= 4 Space=
Mean	SD	Shapiro.P.Value	CI.95.Lower	CI.95.Uppe
0.2499896	0.0666344	0.2613054	0.2476042	0.25237
Table 47: Space= 1		Gamma] SampleSiz		
Mean	SD	Shapiro.P.Value	CI.95.Lower	CI.95.Uppe
0.1799829	0.0335553	0.1700448	0.1787817	0.181184
Table 48:	[Param=i0]	SampleSize= 3000	) NumSample=	4 Space= 1
Mean	SD	Shapiro.P.Value	CI.95.Lower	CI.95.Upper
2008.908	212.9665	5.7e-05	2001.284	2016.532
Table 49:	[Param=s0]	SampleSize= 3000	) NumSample=	4 Space= 1
Mean	SD	Shapiro.P.Value	CI.95.Lower	CI.95.Upper
76986.64	319.4498	5.7e-05	76975.2	76998.07

Mean	SD	Shapiro.P.Value	CI.95.Lower	CI.95.Upper
1004.454	106.4833	5.7e-05	1000.642	1008.266

Mean	SD	Shapiro.P.Value	CI.95.Lower	CI.95.Upper
Table 51:	[Param=Be	eta] SampleSize= 36	000 NumSample	e= 5 Space=
Mean	SD	Shapiro.P.Value	CI.95.Lower	CI.95.Uppe
0.2504493	0.0501299	0.1695341	0.2486547	0.252243
	· [D		2000 1	C 1 5
Table 52 Space= 1		Gamma] SampleSi Shapiro.P.Value	ze= 3000 Nun CI.95.Lower	
Space= 1	1	Gamma] SampleSi Shapiro.P.Value 0.1641689		CI.95.Upper
Space= 1  Mean  0.180392	SD 0.0259647	Shapiro.P.Value	CI.95.Lower 0.1794625	CI.95.Upper 0.1813215
Space= 1  Mean  0.180392	SD 0.0259647	Shapiro.P.Value 0.1641689	CI.95.Lower 0.1794625	CI.95.Upper 0.1813215

Table 54:	[Param=s0]	${\bf Sample Size} {=}$	3000	NumSample = 5	Space=	1

Mean	SD	Shapiro.P.Value	CI.95.Lower	CI.95.Upper
76990.47	285.6481	0.0199098	76980.24	77000.69

Table 55: [Param=r0] SampleSize= 3000 NumSample= 5 Space=  $1\,$ 

	Mean	SD	Shapiro.P.Value	CI.95.Lower	CI.95.Upper
10	003.178	95.21603	0.0199098	999.7692	1006.586

Mean	SD	Shapiro.P.Value	CI.95.Lower	CI.95.Upper
Table 56:	[Param=Be	ta] SampleSize= 30	000 NumSample	e= 6 Space=
Mean	SD	Shapiro.P.Value	CI.95.Lower	CI.95.Uppe
0.2517034	0.0375506	0.0426581	0.2503592	0.253047
Table 57: Space= 1		Gamma] SampleSi		
Mean	SD	Shapiro.P.Value	CI.95.Lower	CI.95.Uppe
0.1813318	0.0203934	0.0324802	0.1806018	0.182061
Table 58:	[Param=i0]	SampleSize= 3000	) NumSample=	6 Space= 1
Mean	SD	Shapiro.P.Value	CI.95.Lower	CI.95.Upper
1996.094	156.2749	0.0657239	1990.499	2001.688
Table 59:	[Param=s0]	SampleSize= 3000	) NumSample=	6 Space= 1
Mean	SD	Shapiro.P.Value	CI.95.Lower	CI.95.Upper
77005.86	234.4123	0.0657239	76997.47	77014.25
Table 60:	[Param=r0]	SampleSize= 3000	0 NumSample=	6 Space= 1

SD

78.13745

Mean

998.0468

Shapiro.P.Value

0.0657239

CI.95.Upper

1000.844

CI.95.Lower

995.2496

Mean	SD	Shapiro.P.Value	CI.95.Lower	CI.95.Upper
Table 61:	[Param=Be	eta] SampleSize= 36	000 NumSampl	e= 7 Space=
Mean	SD	Shapiro.P.Value	CI.95.Lower	CI.95.Uppe
0.2515715	0.0295301	0.8312216	0.2505144	0.252628
Table 62: Space= 1		Gamma] SampleSi		-
Mean	SD	Shapiro.P.Value	CI.95.Lower	CI.95.Uppe
0.1810905	0.0168931	0.2271079	0.1804858	0.181695
Table 63:	[Param=i0	] SampleSize= 300	0 NumSample=	= 7 Space= 1
Mean	SD	Shapiro.P.Value	CI.95.Lower	CI.95.Upper
1998.178	141.559	0.0556969	1993.111	2003.246
Table 64:	[Param=s0	] SampleSize= 300	0 NumSample=	= 7 Space= 1
Mean	SD	Shapiro.P.Value	CI.95.Lower	CI.95.Upper
77002.73	212.3385	0.0556969	76995.13	77010.33

Mean	SD	Shapiro.P.Value	CI.95.Lower	CI.95.Upper
999.0891	70.77951	0.0556969	996.5553	1001.623

Mean	SD	Shapiro.P.Value	CI.95.Lower	CI.95.Upper
Table 66:	[Param=Be	eta] SampleSize= 30	000 NumSample	e= 8 Space=
Mean	SD	Shapiro.P.Value	CI.95.Lower	CI.95.Upper
0.249995	0.0252822	0.4178255	0.2490899	0.2509
Table 67 Space= 1		Gamma] SampleSi	ze= 3000 Nun	nSample= 8
Mean	SD	Shapiro.P.Value	CI.95.Lower	CI.95.Uppe
.1799267	0.0148648	0.0010225	0.1793945	0.1804588
Table 68:	[Param=i0]	SampleSize= 3000	0 NumSample=	= 8 Space= 1
Mean	SD	Shapiro.P.Value	CI.95.Lower	CI.95.Upper
2003.234	133.4053	0.8432303	1998.458	2008.009
Table 69:	[Param=s0	] SampleSize= 300	0 NumSample=	= 8 Space= 1
Mean	SD	Shapiro.P.Value	CI.95.Lower	CI.95.Upper
76995.15	200.1079	0.8432303	76987.99	77002.31
Table 70:	[Param=r0	SampleSize= 300	0 NumSample=	= 8 Space= 1
Mean	SD	Shapiro.P.Value	CI.95.Lower	CI.95.Upper

66.70263

Mean 1001.617

0.8432303

999.229

1004.005

Mean	SD	Shapiro.P.Value	CI.95.Lower	CI.95.Upper