

COV and LogNormal Distributions

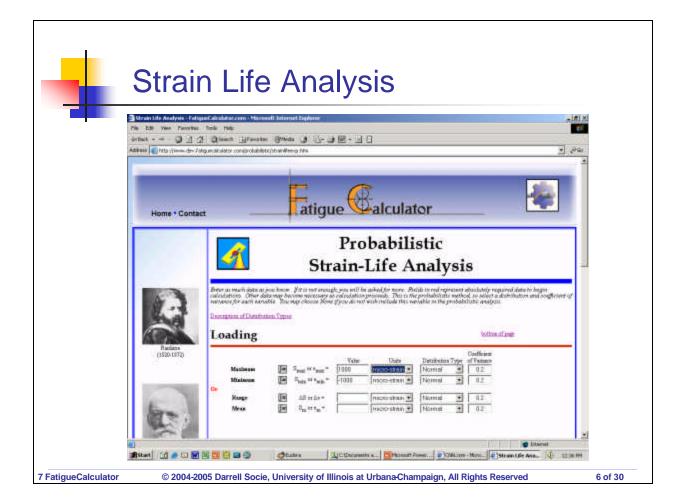
	Sta	ndard Deviation	on, Inx
001/	1	2	3
COV _X	68.3%	95.4%	99.7%
0.05	1.05	1.11	1.16
0.1	1.10	1.23	1.33
0.25	1.28	1.66	2.04
0.5	1.60	2.64	3.92
1	2.30	5.53	11.1

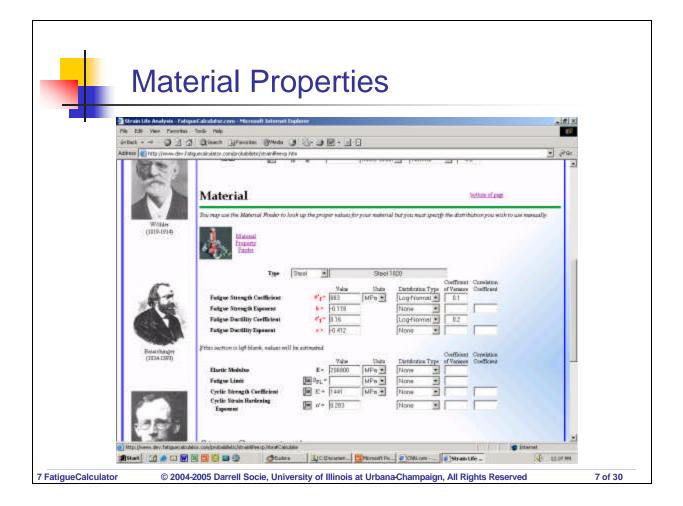
99.7% of the data is within a factor of \pm 1.33 of the mean for a COV = 0.1

7 FatigueCalculator

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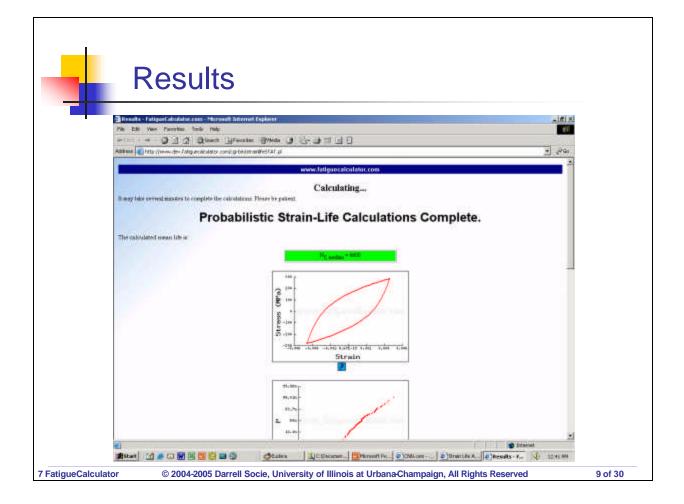
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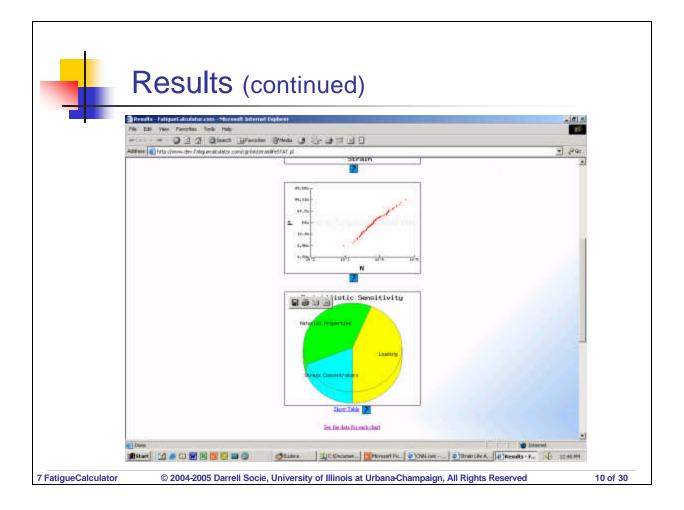




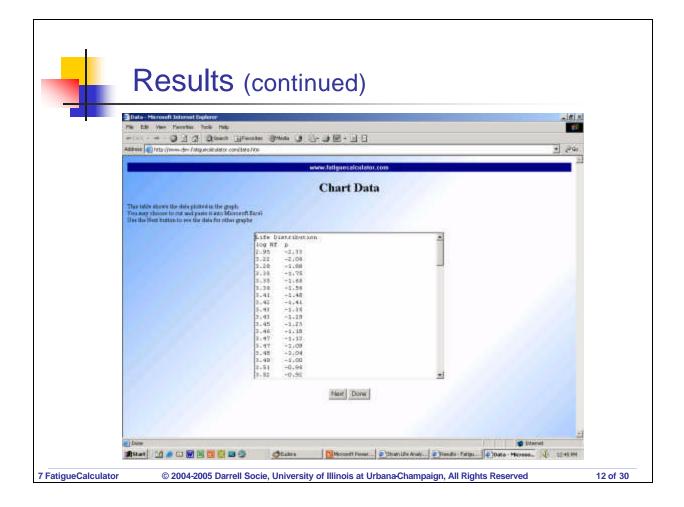
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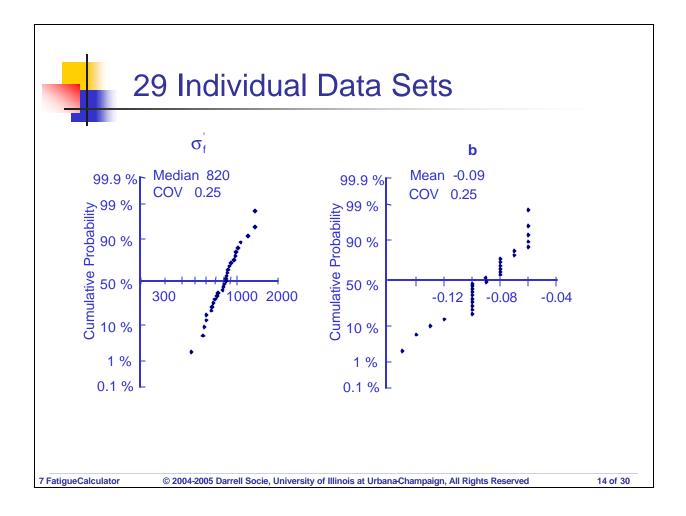


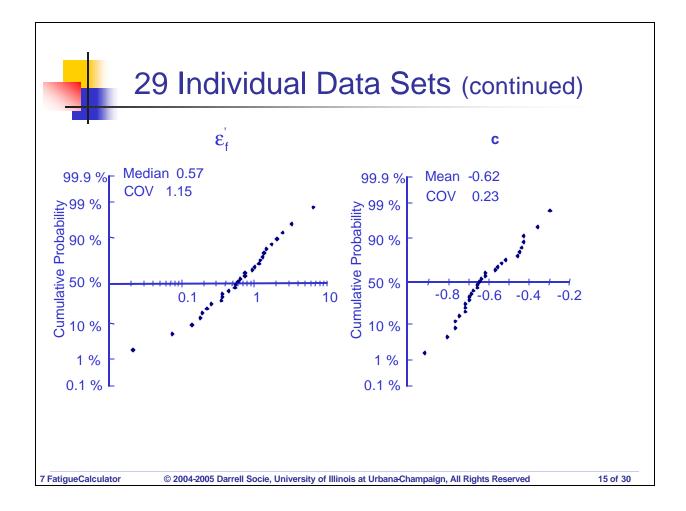


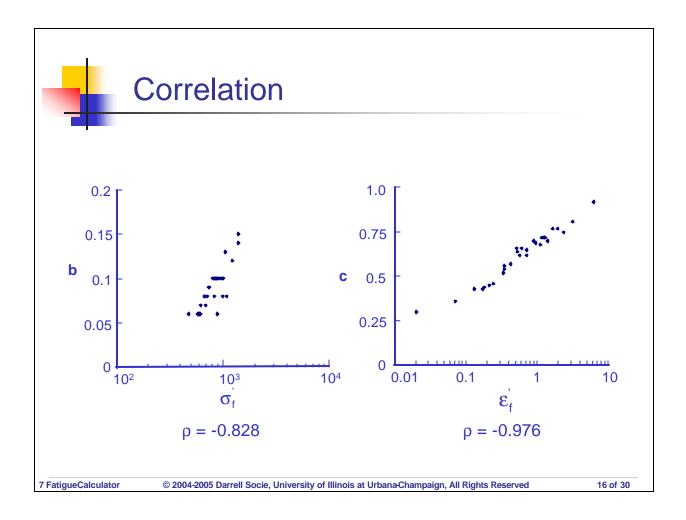
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Variable	Deterministic Semilibility	Probabilistic Sensitivity	Median	COV
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*min 38(-0.000,0.2.)	£3	1.304	0.00003	0.131
Material Properties	-659	8.621		
E.	0.666	0	3440	-10
<u>*</u>	-0.14	0	0.283	0
t.	-1.57	0.	31040q	
¥.	1.04	0	-8.314	0
	402	0.1	-842	0
\$P\$1(\$\$\$,811)	0.944	8112	80	8.0971
E(5(016,02)	217	8.607	0.16	0.262
Stress Convertingions	-443	1.309		
	40	8.339	3	8.5453

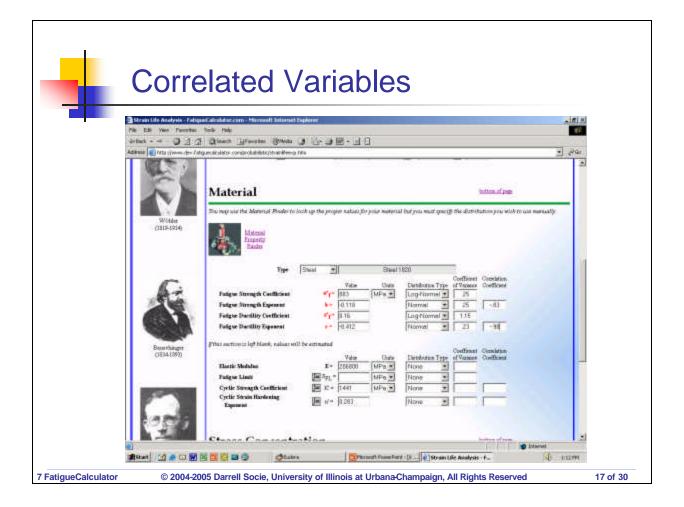


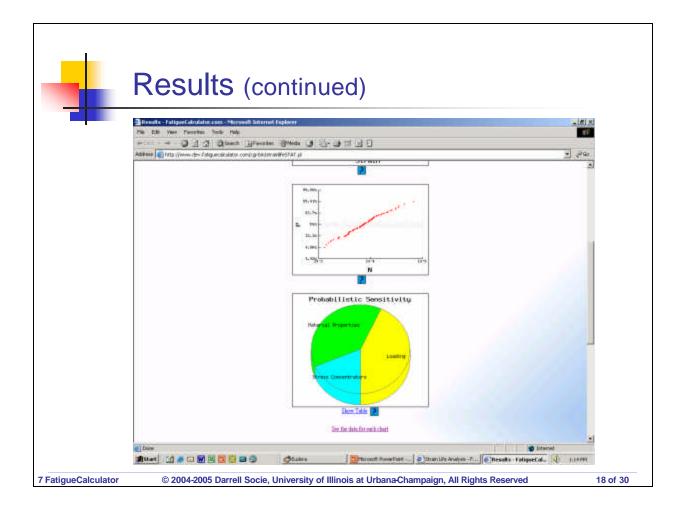
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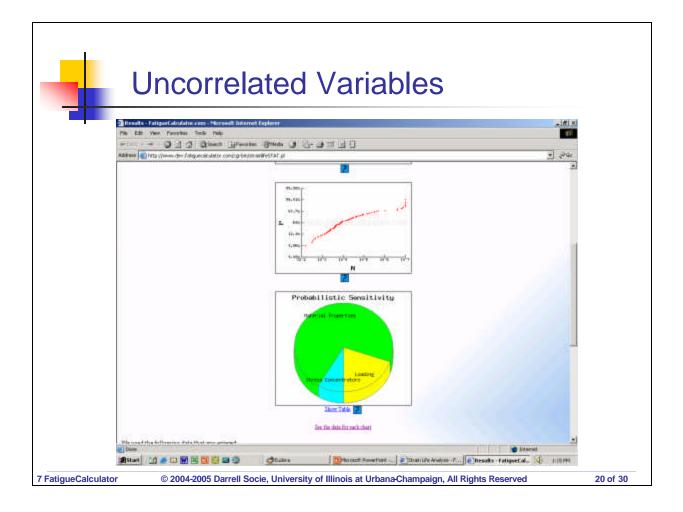








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nam Ni -8:001, 0.2.)	4.3	0.539	0 00101	0.00
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r.	11.666	1	1460	1
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eR(-0.402, 29)	-8.02	0.566	-0.4	134
Sji(801.25)	0.944	0.525	801	0.263
E/1(016,115)	217	0.0344	0.16	0.010
Stress Contractions	:40	9.365	1	
	-443	0.300	30	8.047



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san 96 4000,02)	43	110	-0.001001	0.21#			
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£24(0.16,1.15)	217	60133	01.0	0.000			
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Barray Concentrations	-4.43						

