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TMA4275 LIFETIME ANALYSIS

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TTT-analysis Simple Example

Row	STTT	ID	Scaled
1	12	1	0,20000
2	15	1	0,25000
3	27	1	0,45000
4	34	1	0,56667
5	44	1	0,73333
6	53	1	0,88333
7	60	1	1,00000

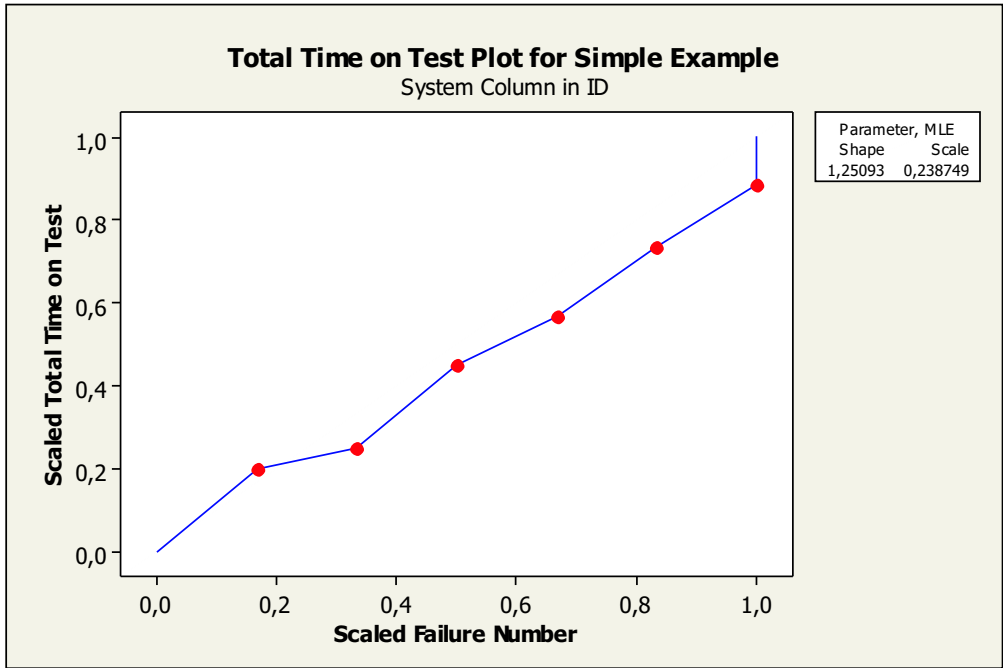
Parameter Estimates

Parameter	Estimate	Standard Error	95% Normal CI	
			Lower	Upper
Shape	1,25093	0,511	0,249996	2,25186
Scale	0,238749	0,160	-0,0746105	0,552109

Trend Tests

	MIL-Hdbk-189	Laplace's	Anderson-Darling
Test Statistic	9,59	0,12	0,24
P-Value	0,697	0,906	0,977
DF	12		

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TTT-analysis of Valve Seat Data

Parametric Growth Curve: C1

Model: Power-Law Process

Estimation Method: Maximum Likelihood

Parameter Estimates

Parameter	Estimate	Standard Error	95% Normal CI	
			Lower	Upper
Shape	1,39706	0,202	1,00184	1,79229
Scale	0,0626023	0,026	0,0119179	0,113287

Trend Tests

	MIL-Hdbk-189	Laplace's	Anderson-Darling
Test Statistic	68,72	2,03	3,17
P-Value	0,032	0,043	0,022
DF	96		

