Kolmogorov-Smirnov Test (04.11.2021 13:20:26)

Notes

X-Function	Kolmogorov-Smirnov Test
User Name	Mateusz Cieśluk
Time	04.11.2021 13:20:26
Data Filter	No

Input Data

	Data	Range
Mean	[Book36]Sheet1!F"Mean"	[1*:120*]
Relaxation Modulus G(t)	[Book35]Sheet1!F"Relaxation Modulus G(t)"	[1*:120*]

Descriptive Statistics

	N	Min	Q1	Median	Q3	Max
"Mean"	120	1101.59667	1102.46417	1104.15	1108.36667	1220.5
"Relaxation Modulus G(t)"	120	1593.9	1594.26667	1594.43333	1594.6	1595.76667

Frequencies

	N
"Mean"	120
"Relaxation Modulus G(t)"	120

Test Statistics

	D	Z	Asymp. Prob>|D|
	1	7.74597	3.71276E-53

Null Hypothesis: Median1 = Median2
Alternative Hypothesis: Median1 <> Median2
At the 0.05 level, the two distributions are significantly different.