All data in table included - no filtering

Results of ANOVA test of average Time(Sec) for groups from "Cat5E" to "Cat6"

Analysis of variance table

Source	Sum of Squares	df	Mean Sum of Squares	F	p[1]
Between	0.0	1	0.0	0.454	0.505
Within	0.008	34	0.0		

O'Brien's test for homogeneity of variance: 0.607 [2]

Group summary details

Group	N	Mean	Standard Deviation[3]	Min	Max	Kurtosis[4]	Skew[5]	p abnormal[6]
Cat5E	18	11.53	0.016	11.509423478	11.567163841	0.234	0.946	0.109
Cat6	18	11.526	0.014	11.506154213	11.557557045	-0.514	0.471	0.605

[1] If p is small, e.g. less than 0.01, or 0.001, you can assume the result is statistically significant i.e. there is a difference.

[2] If the value is small, e.g. less than 0.01, or 0.001, you can assume there is a difference in variance.
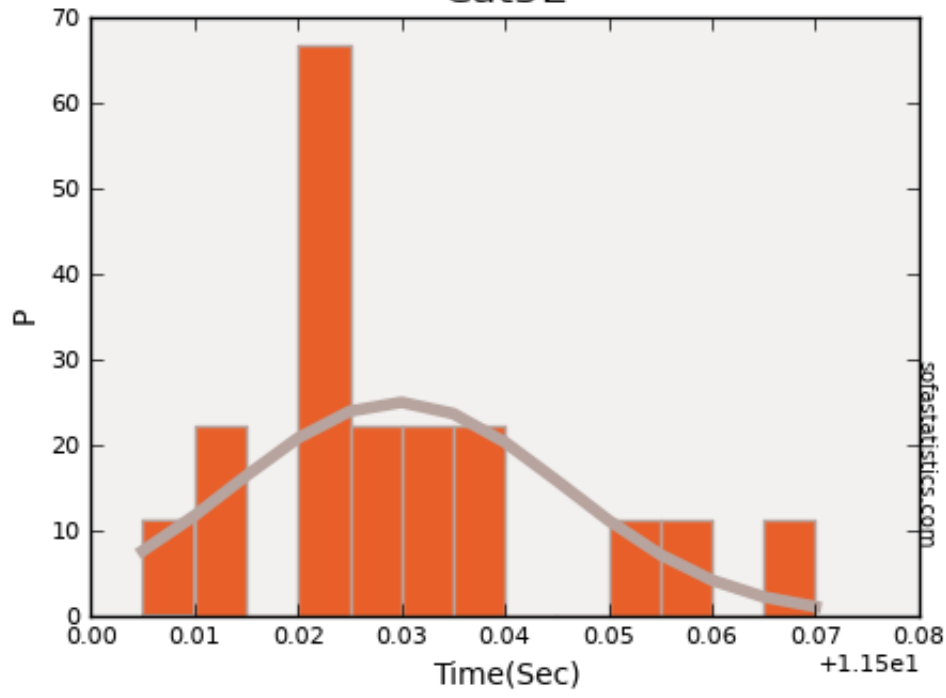
[3] Standard Deviation measures the spread of values.

[4] Kurtosis measures the peakedness or flatness of values. Between -1 and 1 is probably great. Between -2 and 2 is probably good.

[5] Skew measures the lopsidedness of values. Between -1 and 1 is probably great. Between -2 and 2 is probably good.

[6] This provides a single measure of normality. If p is small, e.g. less than 0.01, or 0.001, you can assume the distribution is not strictly normal. Note - it may be normal enough though.

Cat5E

Cat6