

For Standard Deviation

Noise Level	Combo 493	Average
0.01	37.96	18.2
0.02	15.8	11.06
0.03	17.14	7.23
degrees of freedom	3	χ^2 -value for 0.95 critical value: 0.352

$((O-E)^2)/E$	
	21.45371429
	2.031428571
	13.58341632
	37.06855918
Yes this definitely did not happen due to chance alone.	