

Goodness-of-fit test for Mendel data

Obs	phenotype	obsfreq
1	round_yellow	315
2	round_green	101
3	wrink_yellow	108
4	wrink_green	32

Goodness-of-fit test for Mendel data**The FREQ Procedure**

phenotype	Frequency	Percent	Test Percent	Cumulative Frequency	Cumulative Percent
round_yellow	315	56.65	56.25	315	56.65
round_green	101	18.17	18.75	416	74.82
wrink_yellow	108	19.42	18.75	524	94.24
wrink_green	32	5.76	6.25	556	100.00

Chi-Square Test for Specified Proportions	
Chi-Square	0.4700
DF	3
Asymptotic Pr > ChiSq	0.9254
Exact Pr >= ChiSq	0.9272

Sample Size = 556