

Sham Veh	Hit Veh	Hit PSI
18.619	13.544	16.406
14.702	11.013	14.27
19.301	16.322	18.225
23.732	21.284	20.678
22.433	16.263	12.513
17.881	11.404	14.672
23.342	16.704	17.55
19.111	20.962	15.256

Table Analyzed Total Distance Traveled
Data sets analyzed A-C

ANOVA summary
F 3.761
P value 0.0402
P value summary *
Significant diff. among means ($P < 0.05$)? Yes
R squared 0.2637

Brown-Forsythe test
F (DFn, DFd) 0.3917 (2, 21)
P value 0.6807
P value summary ns
Are SDs significantly different ($P < 0.05$)? No

Bartlett's test
Bartlett's statistic (corrected) 1.101
P value 0.5768
P value summary ns
Are SDs significantly different ($P < 0.05$)? No

ANOVA table	SS	DF	MS	F (DFn, DFd)	P value
Treatment (between columns)	78.232	2	39.116	3.761	P=0.0402
Residual (within columns)	218.421	21	10.401		
Total	296.623				

Data summary
Number of treatments (columns) 3
Number of values (total) 24

Sham Veh	Hit Veh	Hit PSI
0.0620.0450.055		
0.0490.0370.048		
0.0640.0540.061		
0.0790.0710.069		
0.0750.0540.043		
0.06 0.0380.05		
0.0780.0560.059		
0.0640.07 0.051		

Sham Veh	Hit Veh	Hit PSI
44.9	65.3	76.3
124.9	61.4	47.1
35.7	29	56
39.5	23.9	72.5
13.5	36.8	71.3
68.8	94.7	42.1
23.6	49.2	61.6
30.3	62.2	56.6

Table Analyzed Average Speed
Data sets analyzed A-C

ANOVA summary
F 3.730
P value 0.0411
P value summary *
Significant diff. among means ($P < 0.05$)? Yes
R squared 0.2621

Brown-Forsythe test
F (DFn, DFd) 0.4596 (2, 21)
P value 0.6377
P value summary ns
Are SDs significantly different ($P < 0.05$)? No

Bartlett's test
Bartlett's statistic (corrected) 1.287
P value 0.5255
P value summary ns
Are SDs significantly different ($P < 0.05$)? No

ANOVA table	SS	DF	MS	F (DFn, DFd)	P value
Treatment (between columns)	0.0008493	2		0.0004246	F (2, 21) = 3.730 P=0.0411
Residual (within columns)	0.002391	21	0.0001138		
Total	0.003240	23			

Data summary
Number of treatments (columns) 3
Number of values (total) 24

Table Analyzed Time Immobile
Data sets analyzed A-C
Distribution assumption Normal (Gaussian)

ANOVA summary

F 0.5155
P value 0.6046
P value summary ns
Significant diff. among means ($P < 0.05$)? No
R squared 0.04680

Brown-Forsythe test

F (DFn, DFd) 0.8707 (2, 21)
P value 0.4332
P value summary ns
Are SDs significantly different ($P < 0.05$)? No

Bartlett's test

Bartlett's statistic (corrected) 6.354
P value 0.0417
P value summary *
Are SDs significantly different ($P < 0.05$)? Yes

ANOVA table	SS	DF	MS	F (DFn, DFd)	P value
Treatment (between columns)	662.22	2	331.11	F (2, 21) = 0.5155	P=0.6046
Residual (within columns)	13487	21	642.2		
Total	14149	23			

Data summary

Number of treatments (columns) 3
Number of values (total) 24