

```

ONEWAY InitialWeigth FinalWeight InitialLength FinalLength BY Diets
/STATISTICS DESCRIPTIVES
/PLOT MEANS
/MISSING ANALYSIS
/POSTHOC=DUNCAN ALPHA(0.05) .

```

Oneway

Descriptives

		N	Mean	Std. Deviation	Std. Error	95% Confidence ... Lower Bound
InitialWeigth	Diet A	3	1.5333	.03055	.01764	1.4574
	Diet B	3	1.1800	.00000	.00000	1.1800
	Diet C	3	1.2467	.03055	.01764	1.1708
	Diet D	3	1.1867	.13317	.07688	.8559
	Diet E	3	1.0600	.26907	.15535	.3916
	Total	15	1.2413	.19978	.05158	1.1307
FinalWeight	Diet A	3	3.0400	.05292	.03055	2.9086
	Diet B	3	3.1333	.04163	.02404	3.0299
	Diet C	3	3.1933	.01155	.00667	3.1646
	Diet D	3	4.5467	.43466	.25095	3.4669
	Diet E	3	3.7267	.18583	.10729	3.2650
	Total	15	3.5280	.60977	.15744	3.1903
InitialLength	Diet A	3	4.3167	.15308	.08838	3.9364
	Diet B	3	4.2533	.17926	.10349	3.8080
	Diet C	3	4.3133	.10066	.05812	4.0633
	Diet D	3	4.0867	.17010	.09821	3.6641
	Diet E	3	3.9867	.13317	.07688	3.6559
	Total	15	4.1913	.18643	.04814	4.0881
FinalLength	Diet A	3	6.1667	.03055	.01764	6.0908
	Diet B	3	6.6000	.24249	.14000	5.9976
	Diet C	3	6.4933	.23094	.13333	5.9196
	Diet D	3	7.5600	.33287	.19218	6.7331
	Diet E	3	7.0867	.04619	.02667	6.9719
	Total	15	6.7813	.53663	.13856	6.4842

Descriptives

		95% Confidence Interval for Mean		
		Upper Bound	Minimum	Maximum
InitialWeighth	Diet A	1.6092	1.50	1.56
	Diet B	1.1800	1.18	1.18
	Diet C	1.3226	1.22	1.28
	Diet D	1.5175	1.10	1.34
	Diet E	1.7284	.76	1.28
	Total	1.3520	.76	1.56
FinalWeight	Diet A	3.1714	2.98	3.08
	Diet B	3.2368	3.10	3.18
	Diet C	3.2220	3.18	3.20
	Diet D	5.6264	4.08	4.94
	Diet E	4.1883	3.60	3.94
	Total	3.8657	2.98	4.94
InitialLength	Diet A	4.6969	4.14	4.41
	Diet B	4.6986	4.14	4.46
	Diet C	4.5634	4.22	4.42
	Diet D	4.5092	3.96	4.28
	Diet E	4.3175	3.90	4.14
	Total	4.2946	3.90	4.46
FinalLength	Diet A	6.2426	6.14	6.20
	Diet B	7.2024	6.46	6.88
	Diet C	7.0670	6.36	6.76
	Diet D	8.3869	7.18	7.80
	Diet E	7.2014	7.06	7.14
	Total	7.0785	6.14	7.80

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
InitialWeigth	Between Groups	.375	4	.094	5.092	.017
	Within Groups	.184	10	.018		
	Total	.559	14			
FinalWeight	Between Groups	4.749	4	1.187	26.022	.000
	Within Groups	.456	10	.046		
	Total	5.205	14			
InitialLength	Between Groups	.262	4	.065	2.913	.078
	Within Groups	.225	10	.022		
	Total	.487	14			
FinalLength	Between Groups	3.580	4	.895	19.799	.000
	Within Groups	.452	10	.045		
	Total	4.032	14			

Post Hoc Tests

Homogeneous Subsets

InitialWeigth

Duncan^a

Diets	N	Subset for alpha = 0.05	
		1	2
Diet E	3	1.0600	
Diet B	3	1.1800	
Diet D	3	1.1867	
Diet C	3	1.2467	
Diet A	3		1.5333
Sig.		.147	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

FinalWeight

Duncan^a

Diets	N	Subset for alpha = 0.05		
		1	2	3
Diet A	3	3.0400		
Diet B	3	3.1333		
Diet C	3	3.1933		
Diet E	3		3.7267	
Diet D	3			4.5467
Sig.		.421	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

InitialLength

Duncan^a

Diets	N	Subset for alpha = 0.05	
		1	2
Diet E	3	3.9867	
Diet D	3	4.0867	4.0867
Diet B	3	4.2533	4.2533
Diet C	3		4.3133
Diet A	3		4.3167
Sig.		.064	.110

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

FinalLength

Duncan^a

Diets	N	Subset for alpha = 0.05			
		1	2	3	4
Diet A	3	6.1667			
Diet C	3	6.4933	6.4933		
Diet B	3		6.6000		
Diet E	3			7.0867	
Diet D	3				7.5600
Sig.		.089	.553	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

Means Plots





