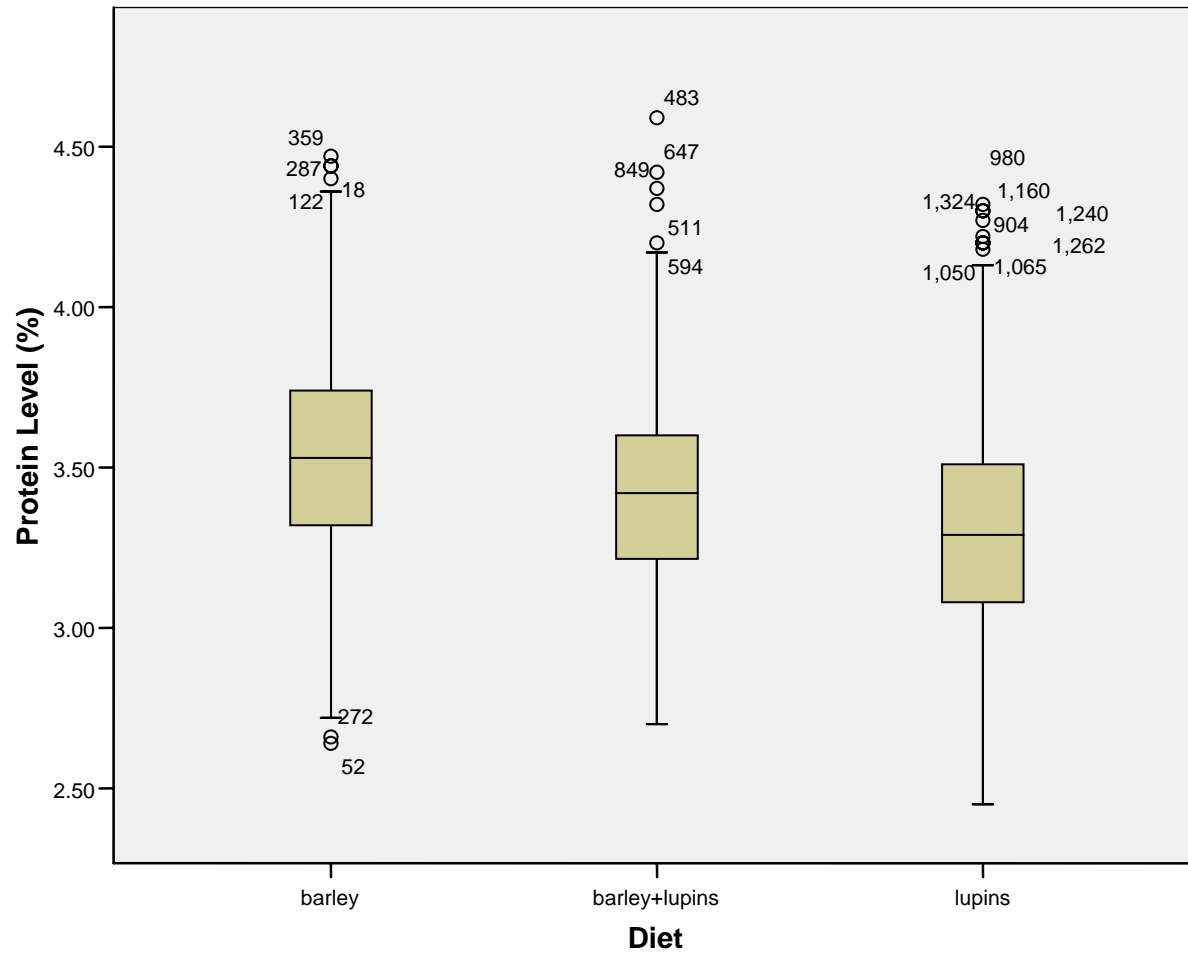


## ANOVA F-TEST : EXAMPLES

**Diet**

**Protein Level (%)**



**Oneway**

### Descriptives

Protein Level (%)

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
barley	425	3.5319	.31921	.01548	3.5015	3.5624	2.64	4.47
barley+lupins	459	3.4297	.30234	.01411	3.4020	3.4574	2.70	4.59
lupins	453	3.3124	.33709	.01584	3.2813	3.3435	2.45	4.32
Total	1337	3.4224	.33175	.00907	3.4046	3.4402	2.45	4.59

**Test of Homogeneity of Variances**

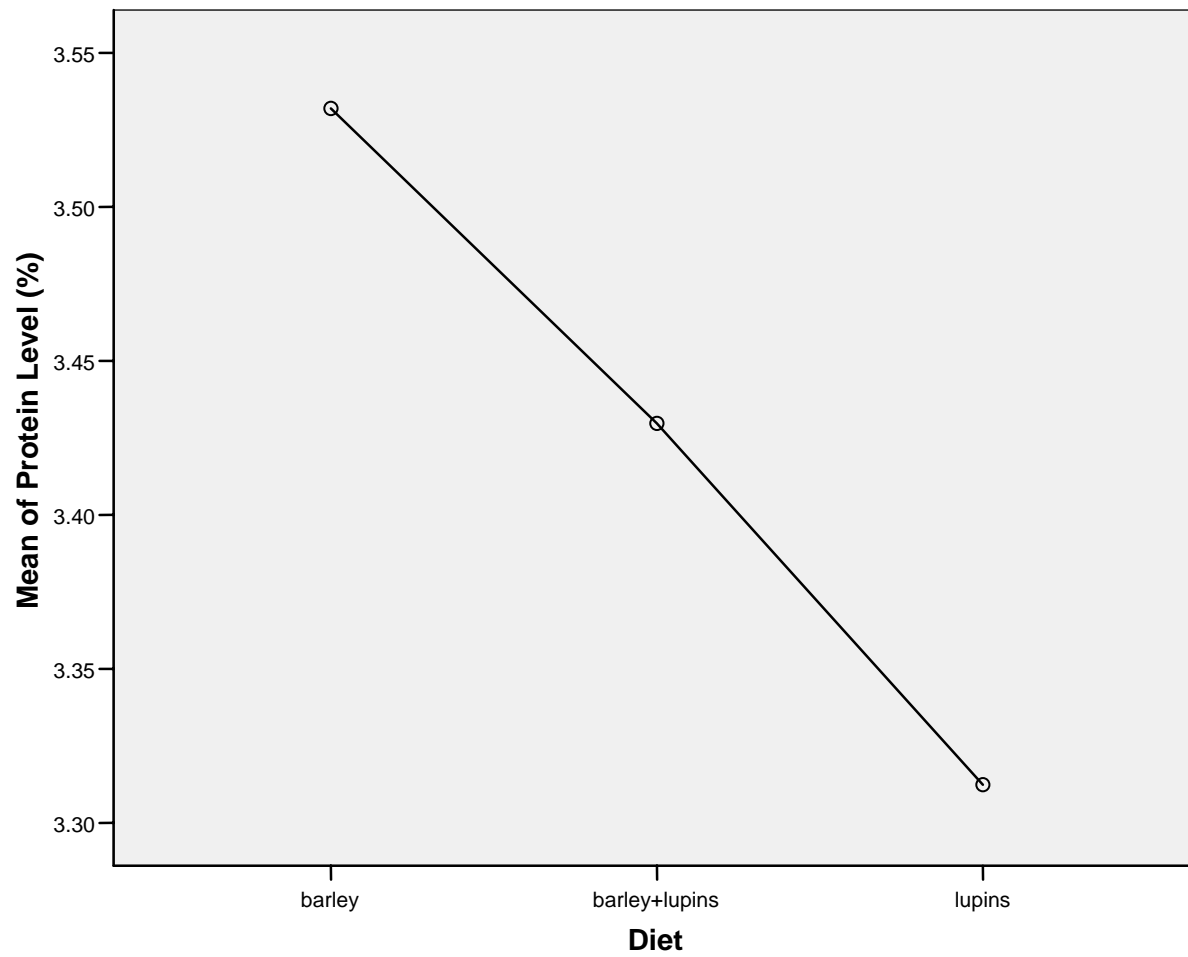
Protein Level (%)

Levene Statistic	df1	df2	Sig.
1.838	2	1334	.160

**ANOVA**

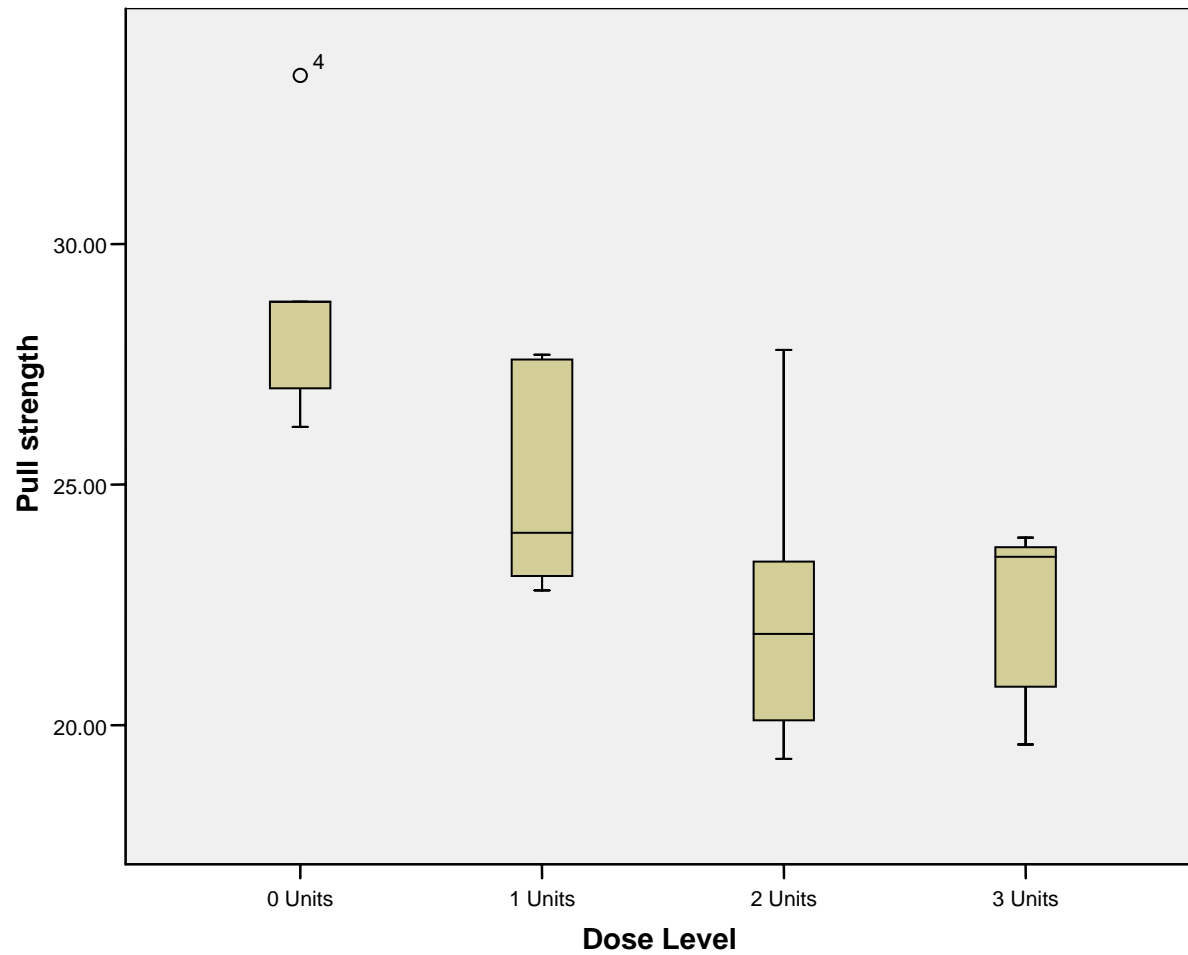
Protein Level (%)

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	10.606	2	5.303	51.851	.000
Within Groups	136.432	1334	.102		
Total	147.038	1336			

**Means Plots**

## Dose Level

### Pull strength



## Oneway

### Descriptives

Pull strength

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
0 Units	5	28.8600	2.83161	1.26633	25.3441	32.3759	26.2	33.5
1 Units	5	25.0400	2.42343	1.08379	22.0309	28.0491	22.8	27.7
2 Units	5	22.5000	3.36378	1.50433	18.3233	26.6767	19.3	27.8
3 Units	5	22.3000	1.96850	.88034	19.8558	24.7442	19.6	23.9
Total	20	24.6750	3.67364	.82145	22.9557	26.3943	19.3	33.5

**Test of Homogeneity of Variances**

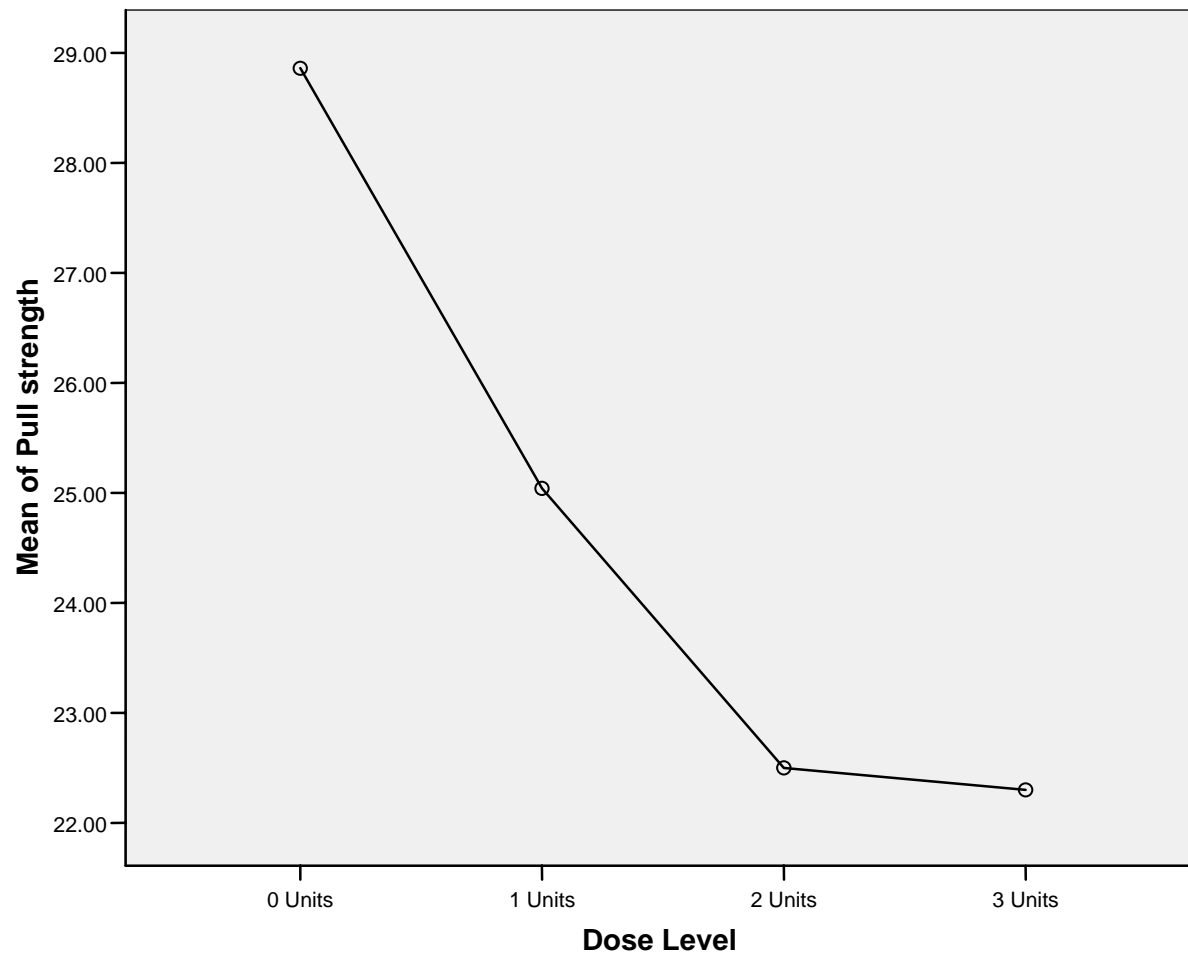
Pull strength

Levene Statistic	df1	df2	Sig.
.295	3	16	.829

**ANOVA**

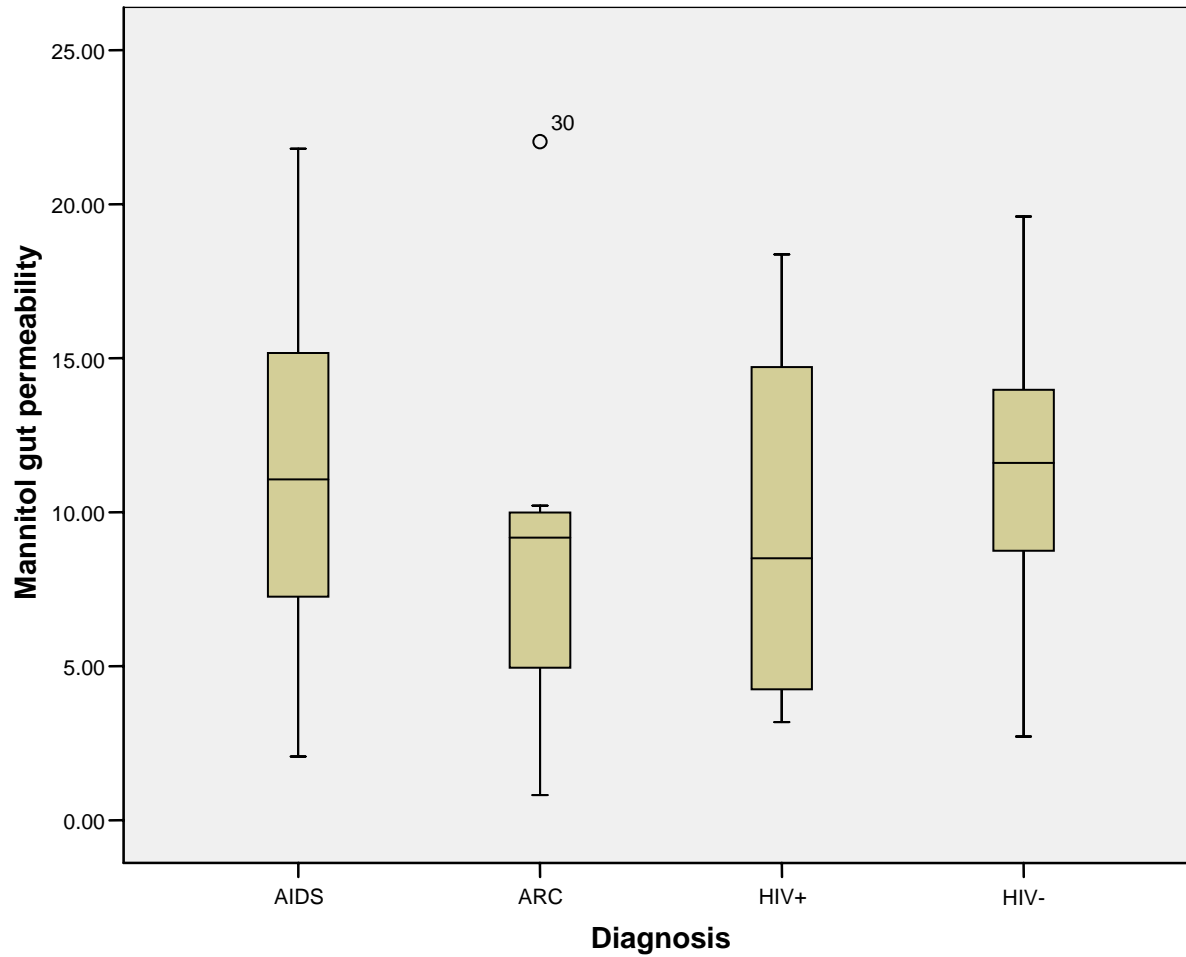
Pull strength

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	140.094	3	46.698	6.423	.005
Within Groups	116.324	16	7.270		
Total	256.418	19			

**Means Plots**

## Diagnosis

### Mannitol gut permeability



## Oneway

### Descriptives

Mannitol gut permeability

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
AIDS	26	11.3312	5.17639	1.01517	9.2404	13.4220	2.07	21.80
ARC	7	8.8419	6.87762	2.59950	2.4811	15.2026	.81	22.03
HIV+	7	9.7104	6.18770	2.33873	3.9878	15.4331	3.18	18.37
HIV-	19	11.3970	4.25972	.97725	9.3439	13.4501	2.72	19.60
Total	59	10.8647	5.18458	.67498	9.5136	12.2159	.81	22.03

**Test of Homogeneity of Variances**

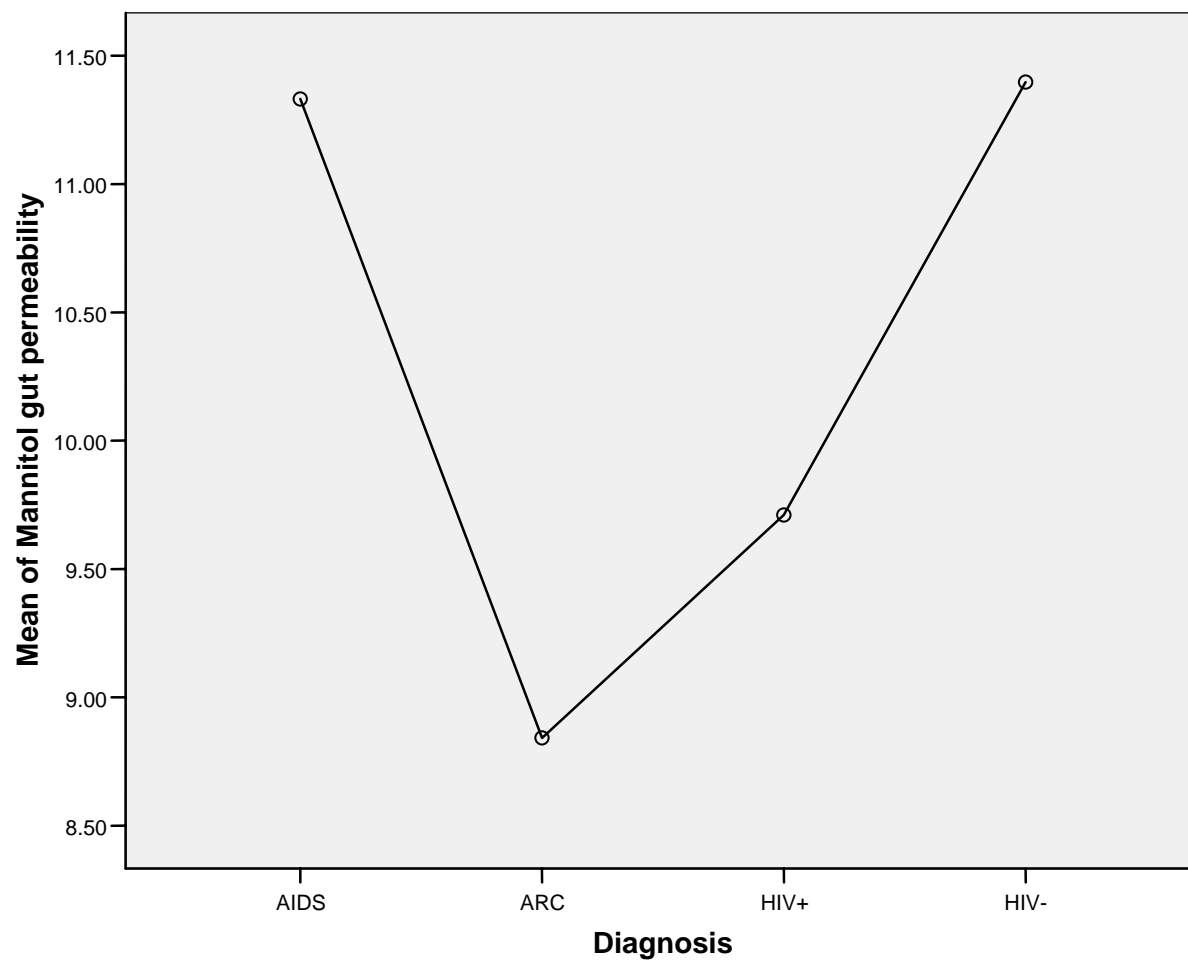
Mannitol gut permeability

Levene Statistic	df1	df2	Sig.
.866	3	55	.464

**ANOVA**

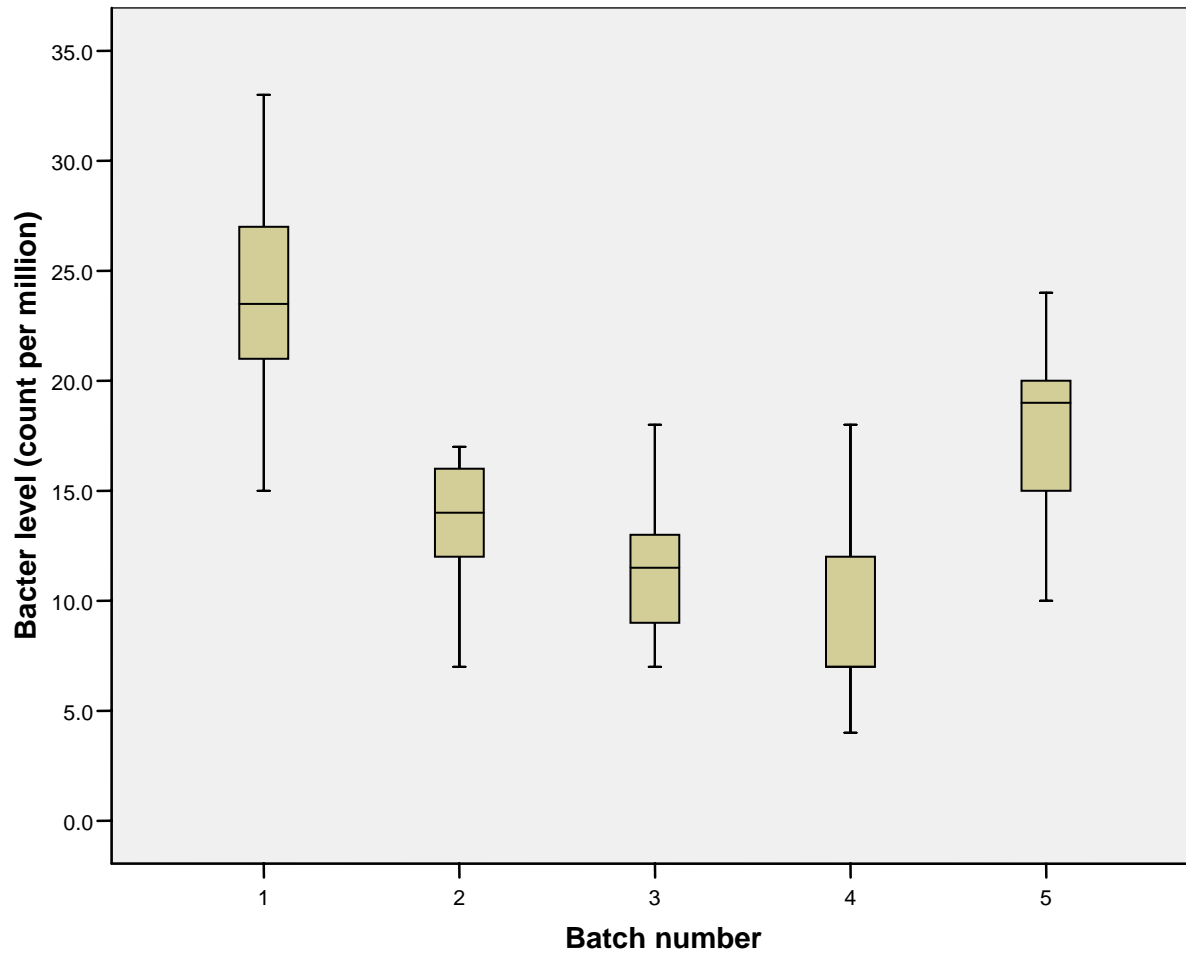
Mannitol gut permeability

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	49.011	3	16.337	.595	.621
Within Groups	1510.024	55	27.455		
Total	1559.035	58			

**Means Plots**

## Batch number

### Bacteria level (count per million)



## Oneway

### Descriptives

Bacter level (count per million)

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
1	6	23.833	6.0139	2.4552	17.522	30.145	15	33
2	6	13.333	3.5590	1.4530	9.598	17.068	7	17
3	6	11.667	3.7771	1.5420	7.703	15.631	7	18
4	6	9.167	5.0365	2.0562	3.881	14.452	4	18
5	6	17.833	4.7924	1.9565	12.804	22.863	10	24
Total	30	15.167	6.8485	1.2504	12.609	17.724	4	33

**Test of Homogeneity of Variances**

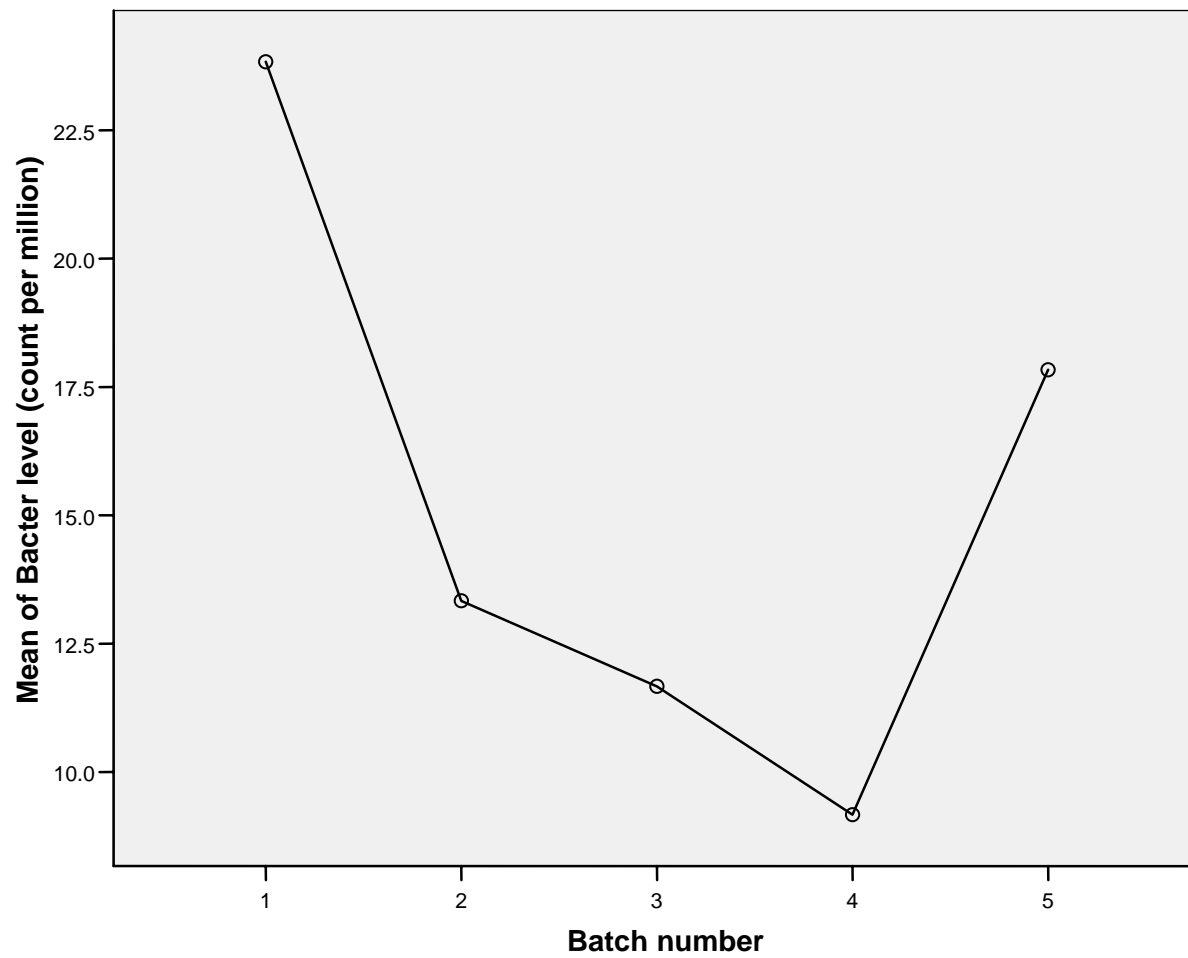
Bacter level (count per million)

Levene Statistic	df1	df2	Sig.
.384	4	25	.818

**ANOVA**

Bacter level (count per million)

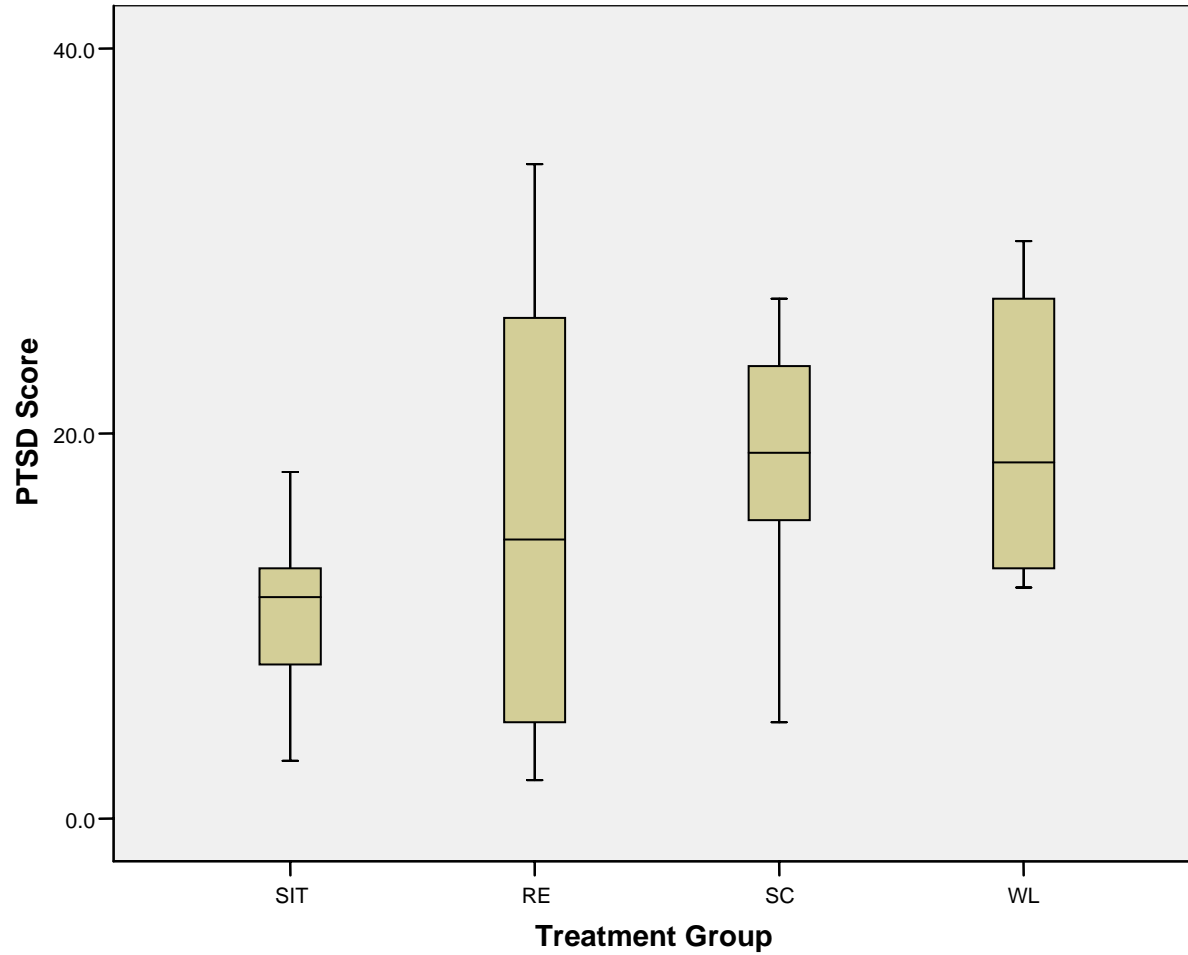
	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	803.000	4	200.750	9.008	.000
Within Groups	557.167	25	22.287		
Total	1360.167	29			

**Means Plots**



## Treatment Group

### PTSD Score



## Oneway

### Descriptives

SystBlood

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
1	19	22.789	13.1596	3.0190	16.447	29.132	-2	44
2	19	18.211	13.5547	3.1097	11.677	24.744	-6	36
3	20	15.800	11.3025	2.5273	10.510	21.090	-3	32
Total	58	18.879	12.8009	1.6808	15.513	22.245	-6	44

**Test of Homogeneity of Variances**

SystBlood

Levene Statistic	df1	df2	Sig.
.317	2	55	.730

**ANOVA**

SystBlood

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	488.639	2	244.320	1.518	.228
Within Groups	8851.516	55	160.937		
Total	9340.155	57			

**Means Plots**