

# ONE-WAY ANOVA FOR HEIGHT OF PLANT

Column1	Column2	Column3	Column4	Column5	Column6	Column7
Anova: Single Factor						
SUMMARY						
Groups	Count	Sum	Average	Variance		
0	20	2081	104,05	50,9973684		
0.1	20	2003	100,15	53,8184211		
0.2	18	1766	98,11111111	53,9869281		
0.3	18	1743	96,83333333	51,5588235		
0.4	16	1515	94,6875	50,7625		
0.5	15	1357	90,46666667	76,9809524		
ANOVA						
Source of Variation	SS	df	MS	F	P-value	F crit
Between Groups	1871,92989	5	374,385979	6,72236965	1,9066E-05	2,30439642
Within Groups	5624,94861	101	55,6925605			
Total	7496,8785	106				

# ONE-WAY ANOVA TEST FOR LENGHT OF LEAF

Column1	Column2	Column3	Column4	Column5	Column6	Column7
Anova: Single Factor						
SUMMARY						
Groups	Count	Sum	Average	Variance		
0	20	617	30,85	44,9763158		
0.1	20	537	26,85	47,5026316		
0.2	20	448	22,4	96,4631579		
0.3	18	407	22,61111111	42,8398693		
0.4	16	340	21,25	37,5333333		
0.5	15	258	17,2	44,1714286		
ANOVA						
Source of Variation	SS	df	MS	F	P-value	F crit
Between Groups	2000,6791	5	400,135821	7,49402794	4,9318E-06	2,30260755
Within Groups	5499,57778	103	53,393959			
Total	7500,25688	108				

# NORMAL DISTRIBUTIONS

Column1	Column2
Column1	
Mean	30,85
Standard Error	1,49960521
Median	32
Mode	35
Standard Deviation	6,70643838
Sample Variance	44,9763158
Kurtosis	-0,8803544
Skewness	-0,4541364
Range	23
Minimum	17
Maximum	40
Sum	617
Count	20
Column1	Column2
Column1	
Mean	104,05
Standard Error	1,59683074
Median	103,5
Mode	98
Standard Deviation	7,14124418
Sample Variance	50,9973684
Kurtosis	-0,8768492
Skewness	0,22250376
Range	24
Minimum	93
Maximum	117
Sum	2081
Count	20

# DATA FOR HEIGHT OF PLANT

concentration of nacl	0,00	0.1	0.2	0.3	0.4	0.5
1,00	103,0	97,00	104,0	79,00	105,0	90,00
2,00	93,00	101,0	95,00	100,0	78,00	88,00
3,00	103,0	99,00	94,00	99,00	82,00	99,00
4,00	105,0	104,0	97,00	87,00	96,00	92,00
5,00	107,0	89,00	89,00	107,0	98,00	100,0
6,00	109,0	97,00	84,00	101,0	95,00	98,00
7,00	104,0	110,0	101,0	98,00	98,00	74,00
8,00	98,00	98,00	98,00	93,00	98,00	78,00
9,00	95,00	102,0	109,0	101,0	93,00	99,00
10,00	101,00	109,00	99,00	105,00	99,00	81,00
11,00	99,00	96,00	96,00	96,00	87,00	99,00
12,00	117,00	97,00	103,00	85,00	91,00	94,00
13,00	98,00	102,00	92,00	96,00	100,00	93,00
14,00	98,00	88,00	91,00	101,00	95,00	78,00
15,00	107,00	89,00	108,00	99,00	99,00	94,00
16,00	94,00	91,00	91,00	93,00	101,00	0,00
17,00	111,00	109,00	109,00	103,00	0,00	0,00
18,00	113,00	108,00	106,00	100,00	0,00	0,00
19,00	110,00	106,00	0,00	0,00	0,00	0,00
20,00	116,00	111,00	0,00	0,00	0,00	0,00

DATA FOR LENGHT OF LEAF

concentration of nacl	0	0.1	0.2	0.3	0.4	0.5	
1	35	23	37	9	29	15	
2	21	29	18	29	8	13	
3	36	25	20	23	14	15	
4	37	36	26	17	22	19	
5	37	18	18	32	23	27	
6	39	29	16	22	22	25	
7	35	33	31	20	22	7	
8	29	23	29	18	21	8	
9	27	29	30	28	19	23	
10	26	35	26	27	25	11	
11	25	19	22	18	14	22	
12	40	18	27	12	16	24	
13	25	25	17	21	29	23	
14	22	14	19	31	20	9	
15	28	17	29	26	25	17	
16	17	32	18	18	31	0	
17	33	33	33	26	0	0	
18	31	34	32	30	0	0	
19	38	31	0	0	0	0	
20	36	34	0	0	0	0	

