

## DATA I TABLE 13.1 I LÆREBOK:

### One-Way ANOVA

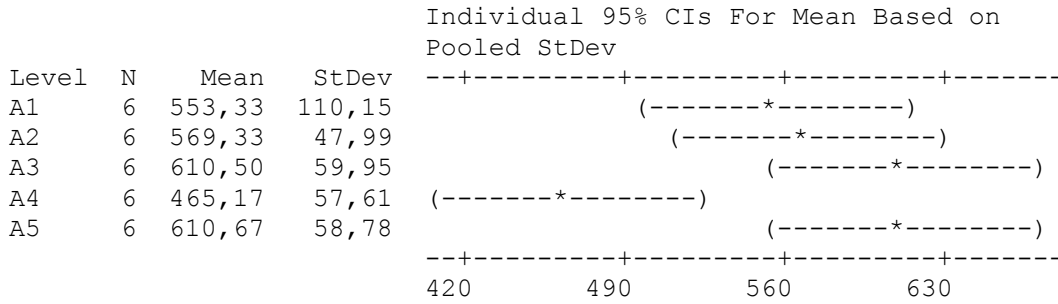
#### Data Display

Row	Y	Agg
1	551	A1
2	457	A1
3	450	A1
4	731	A1
5	499	A1
6	632	A1
7	595	A2
8	580	A2
9	508	A2
10	583	A2
11	633	A2
12	517	A2
13	639	A3
14	615	A3
15	511	A3
16	573	A3
17	648	A3
18	677	A3
19	417	A4
20	449	A4
21	517	A4
22	438	A4
23	415	A4
24	555	A4
25	563	A5
26	631	A5
27	522	A5
28	613	A5
29	656	A5
30	679	A5

#### One-way ANOVA: Y versus Agg

Source	DF	SS	MS	F	P
Agg	4	85356	21339	4,30	0,009
Error	25	124020	4961		
Total	29	209377			

S = 70,43    R-Sq = 40,77%    R-Sq(adj) = 31,29%



Pooled StDev = 70,43

### Test for Equal Variances: Y versus Agg

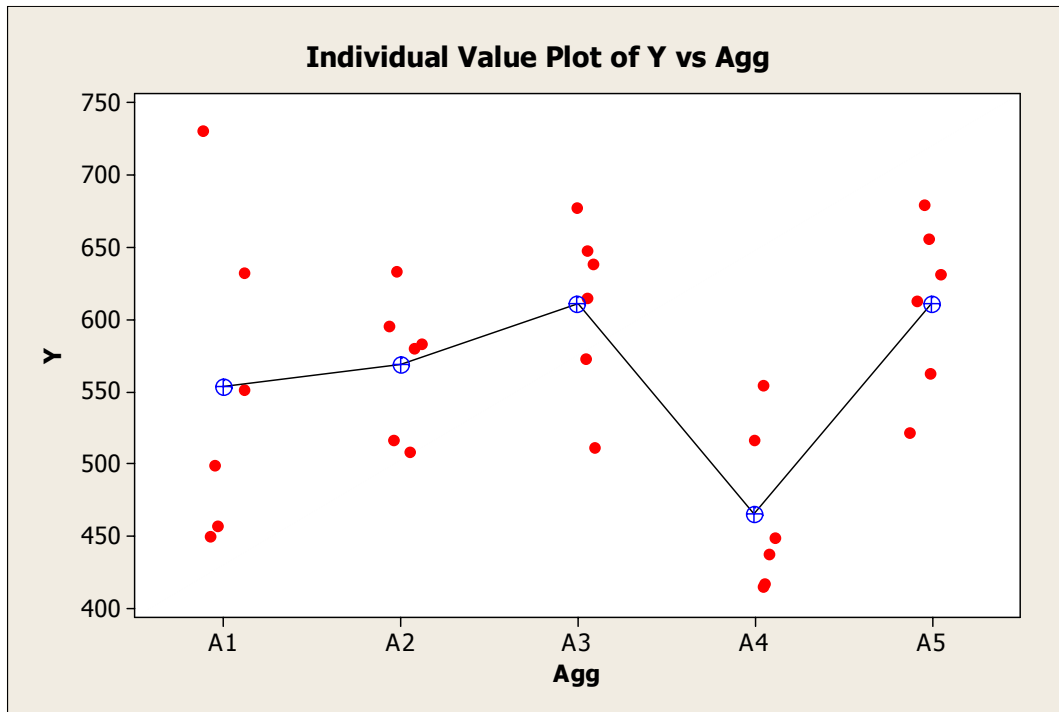
95% Bonferroni confidence intervals for standard deviations

Agg	N	Lower	StDev	Upper
A1	6	60,1842	110,154	383,859
A2	6	26,2179	47,986	167,220
A3	6	32,7523	59,946	208,897
A4	6	31,4744	57,607	200,746
A5	6	32,1171	58,783	204,845

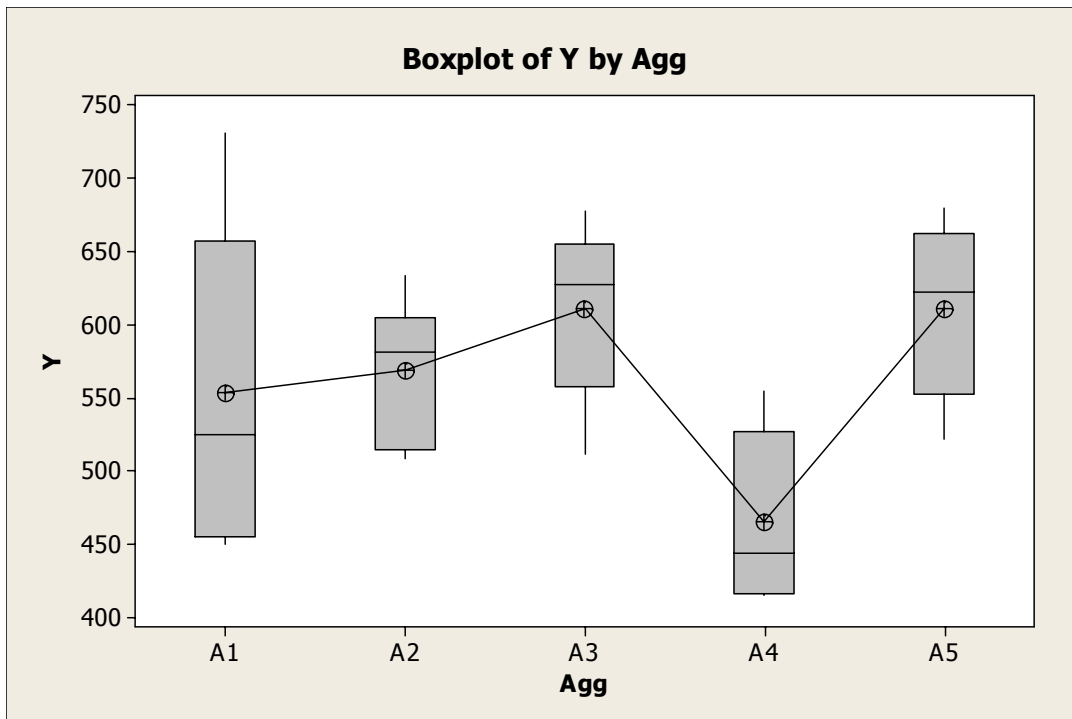
Bartlett's Test (normal distribution)  
 Test statistic = 4,44; p-value = 0,350

Levene's Test (any continuous distribution)  
 Test statistic = 1,17; p-value = 0,349

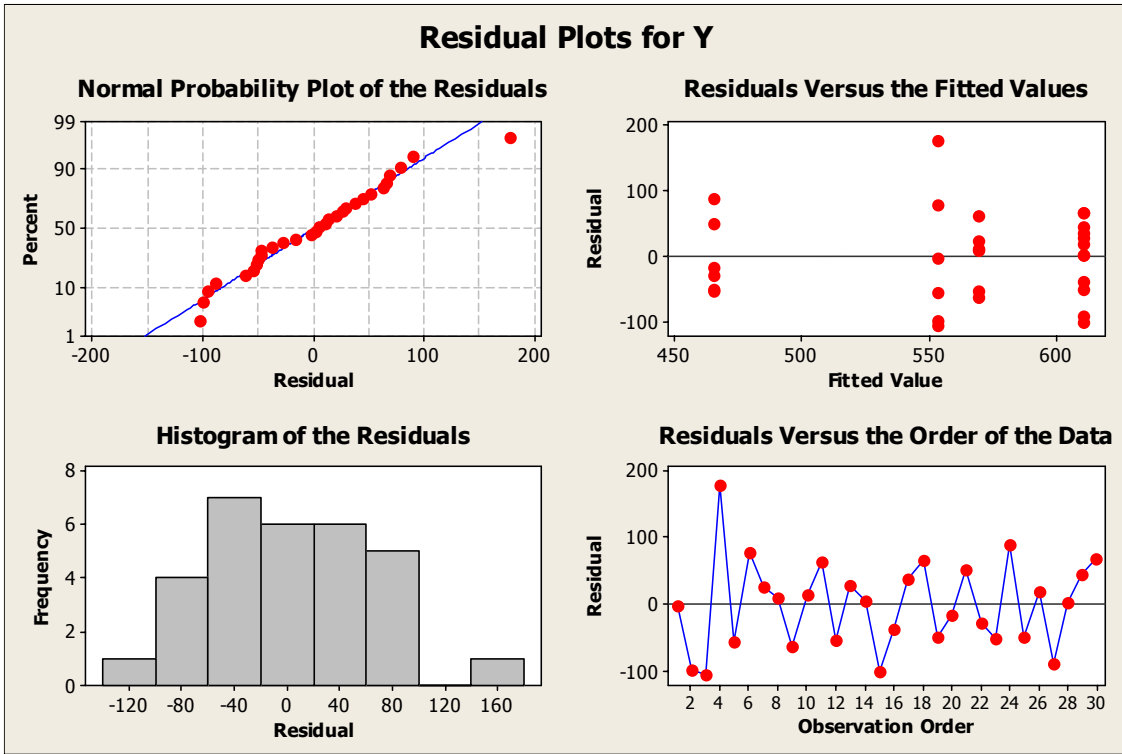
**Individual Value Plot of Y vs Agg**



**Boxplot of Y by Agg**



## Residual Plots for Y



## Test for Equal Variances: Y versus Agg

