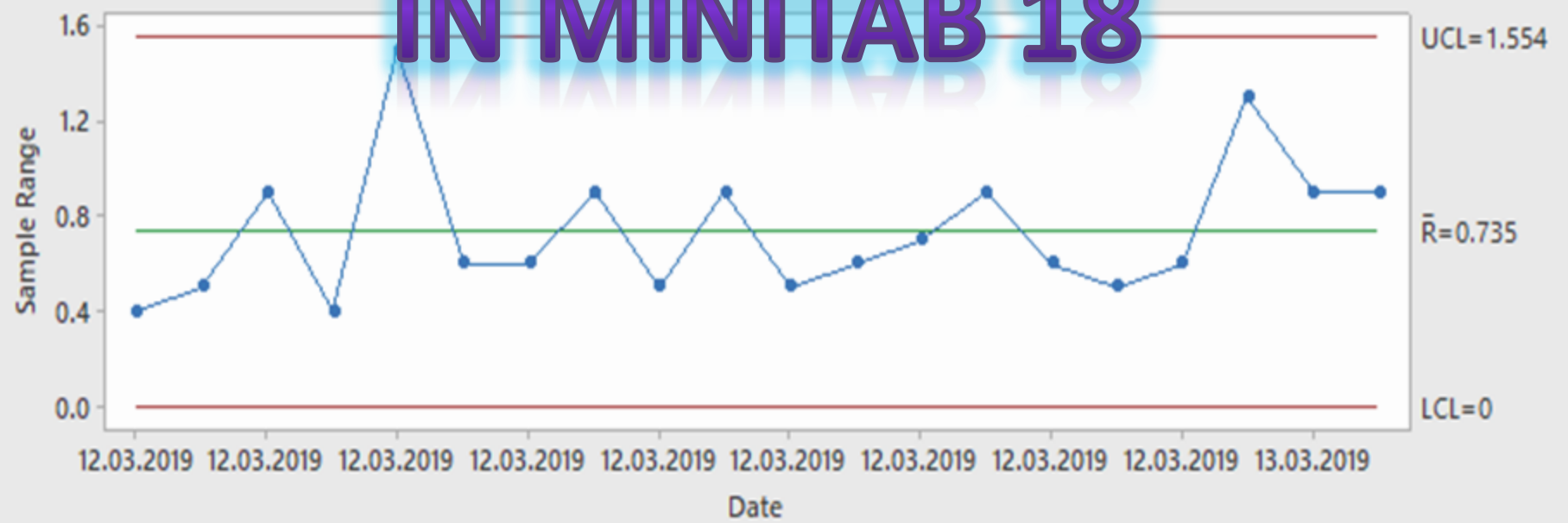


# Average & Range Control Chart



**HOW TO PLOT  
CONTROL CHART  
IN MINITAB 18**



File Edit Data Calc Stat Graph Editor Tools Window Help Assistant

Basic Statistics  
Regression  
ANOVA  
DOE

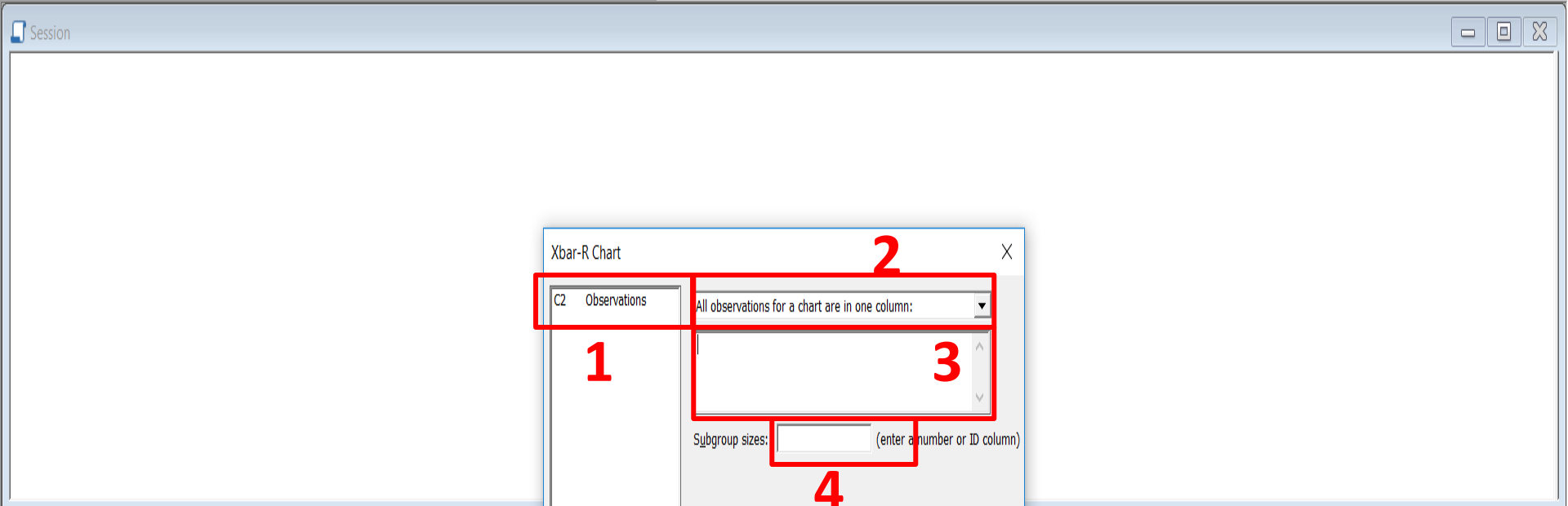
Control Charts  
Quality Tools  
Reliability/Survival  
Multivariate  
Time Series  
Tables  
Nonparametrics  
Equivalence Tests  
Power and Sample Size

Box-Cox Transformation...  
Variables Charts for Subgroups  
Variables Charts for Individuals  
Attributes Charts  
Time-Weighted Charts  
Multivariate Charts  
Rare Event Charts

Xbar-R...  
Xbar-S...  
I-MR-R/S (between/Within)...  
Xbar...  
R...  
S...  
Zone...

Worksheet 1 \*\*\*

	C1-T	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16	C17	C18	C19	C20	C21	C22	C23
	Date	Observations																					
1	12.03.2019	119.5																					
2	12.03.2019	119.3																					
3	12.03.2019	119.4																					
4	12.03.2019	119.5																					
5	12.03.2019	119.7																					
6	12.03.2019	120.0																					
7	12.03.2019	120.1																					
8	12.03.2019	120.5																					
9	12.03.2019	120.3																					
10	12.03.2019	120.4																					
11	12.03.2019	120.4																					



	C1-T	C2	C3	C4	C5	C6	C7	C16	C17	C18	C19	C20	C21	C22	C23
	Date	Observations													
1	12.03.2019	119.5													
2	12.03.2019	119.3													
3	12.03.2019	119.4													
4	12.03.2019	119.5													
5	12.03.2019	119.7													
6	12.03.2019	120.0													
7	12.03.2019	120.1													
8	12.03.2019	120.5													
9	12.03.2019	120.3													
10	12.03.2019	120.4													
11	12.03.2019	120.4													

**Xbar-R Chart**

C2 Observations

All observations for a chart are in one column:

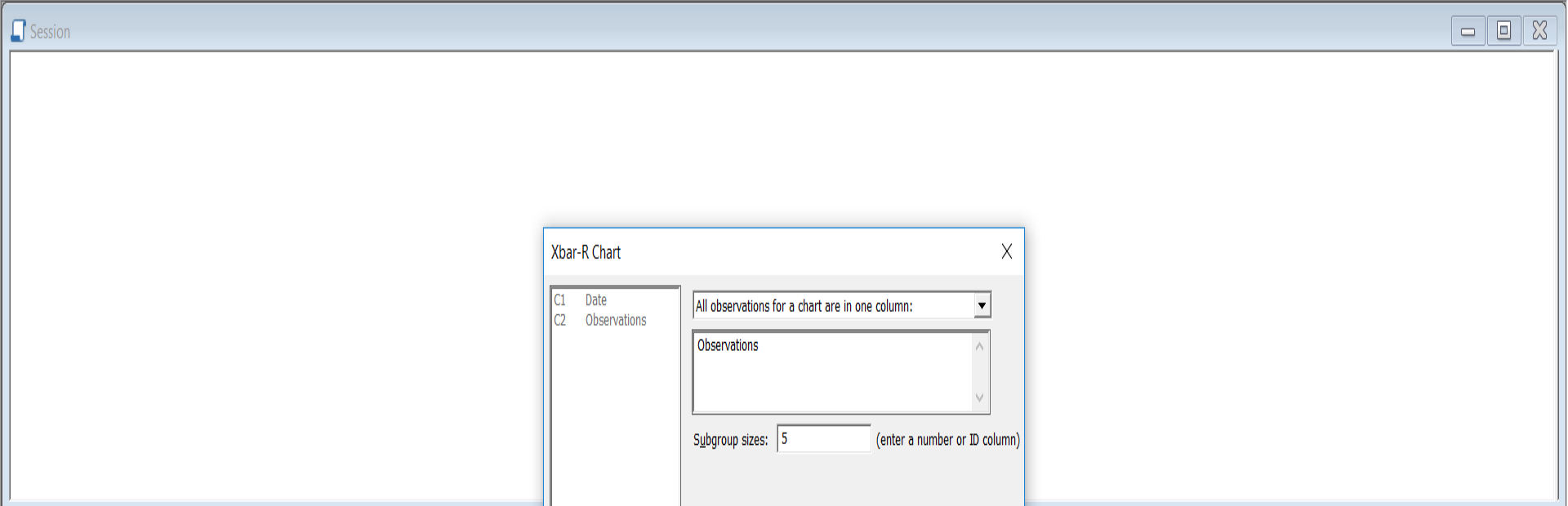
Subgroup sizes: (enter a number or ID column)

Scale... Labels... Multiple Graphs... Data Options... Xbar-R Options...

Select

Help OK Cancel

**1** **2** **3** **4**



	C1-T	C2	C3	C4	C5	C6	C7	C16	C17	C18	C19	C20	C21	C22	C23
	Date	Observations													
1	12.03.2019	119.5													
2	12.03.2019	119.3													
3	12.03.2019	119.4													
4	12.03.2019	119.5													
5	12.03.2019	119.7													
6	12.03.2019	120.0													
7	12.03.2019	120.1													
8	12.03.2019	120.5													
9	12.03.2019	120.3													
10	12.03.2019	120.4													
11	12.03.2019	120.4													

**Xbar-R Chart**

C1 Date  
C2 Observations

All observations for a chart are in one column: Observations

Subgroup sizes: 5 (enter a number or ID column)

Scale... **Labels...**

Multiple Graphs... Data Options... Xbar-R Options...

Select

Help OK Cancel











# Average & Range Control Chart

