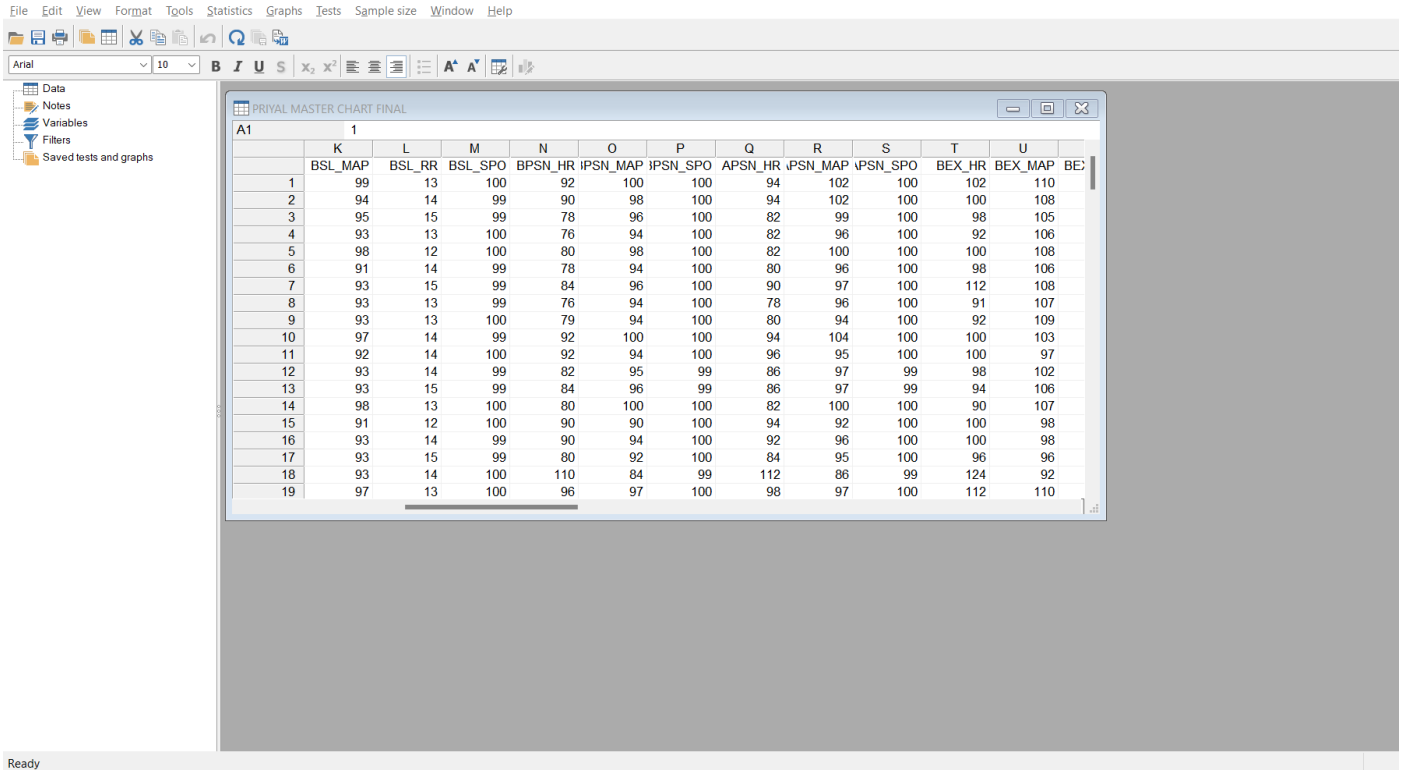
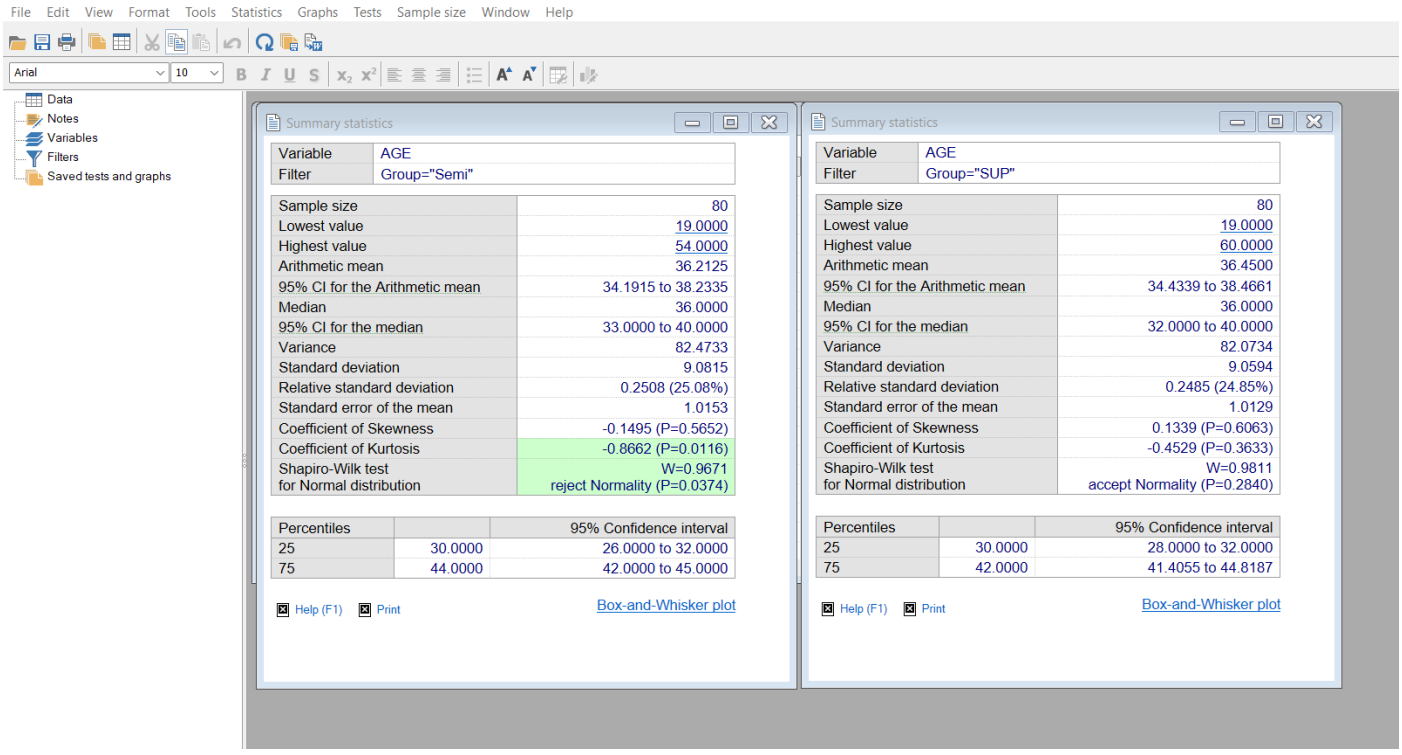
MedCalc® Table Creator

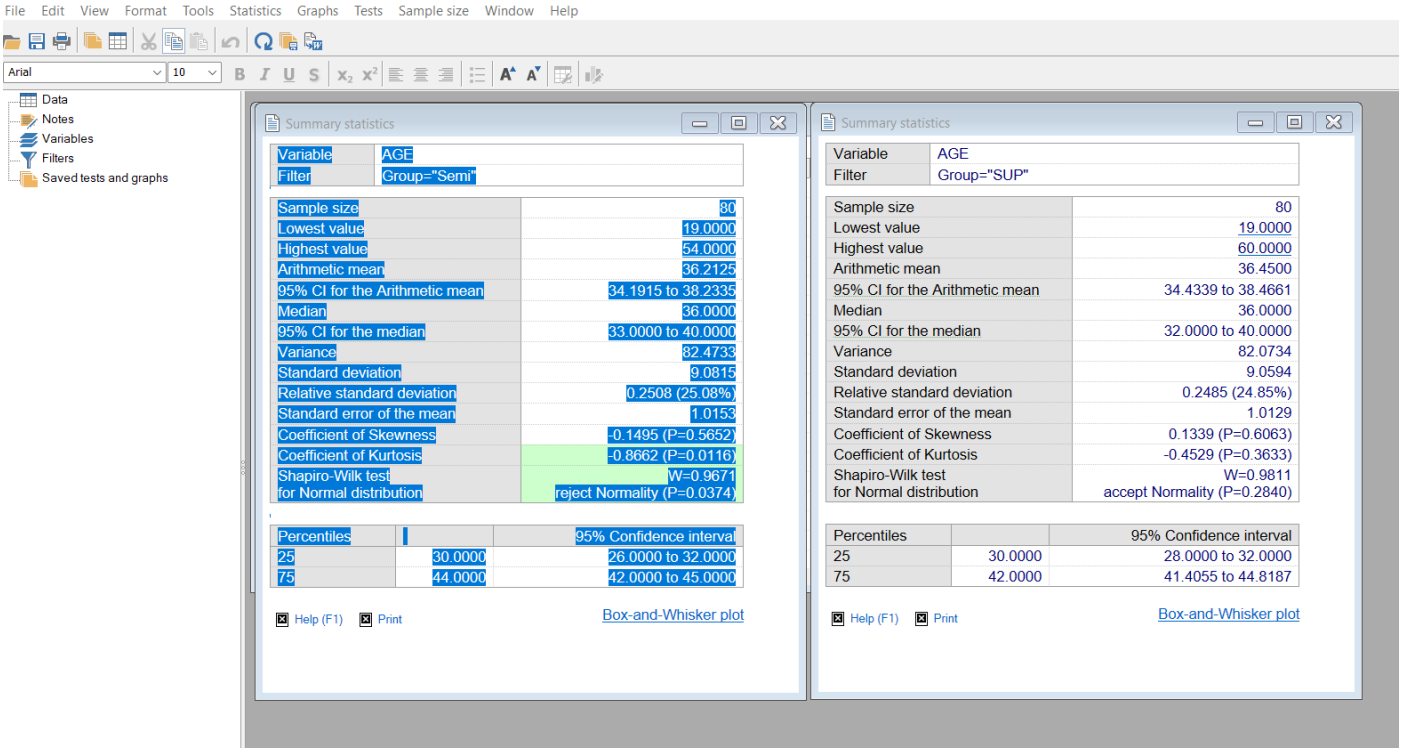
1. Load the data into MedCalc®



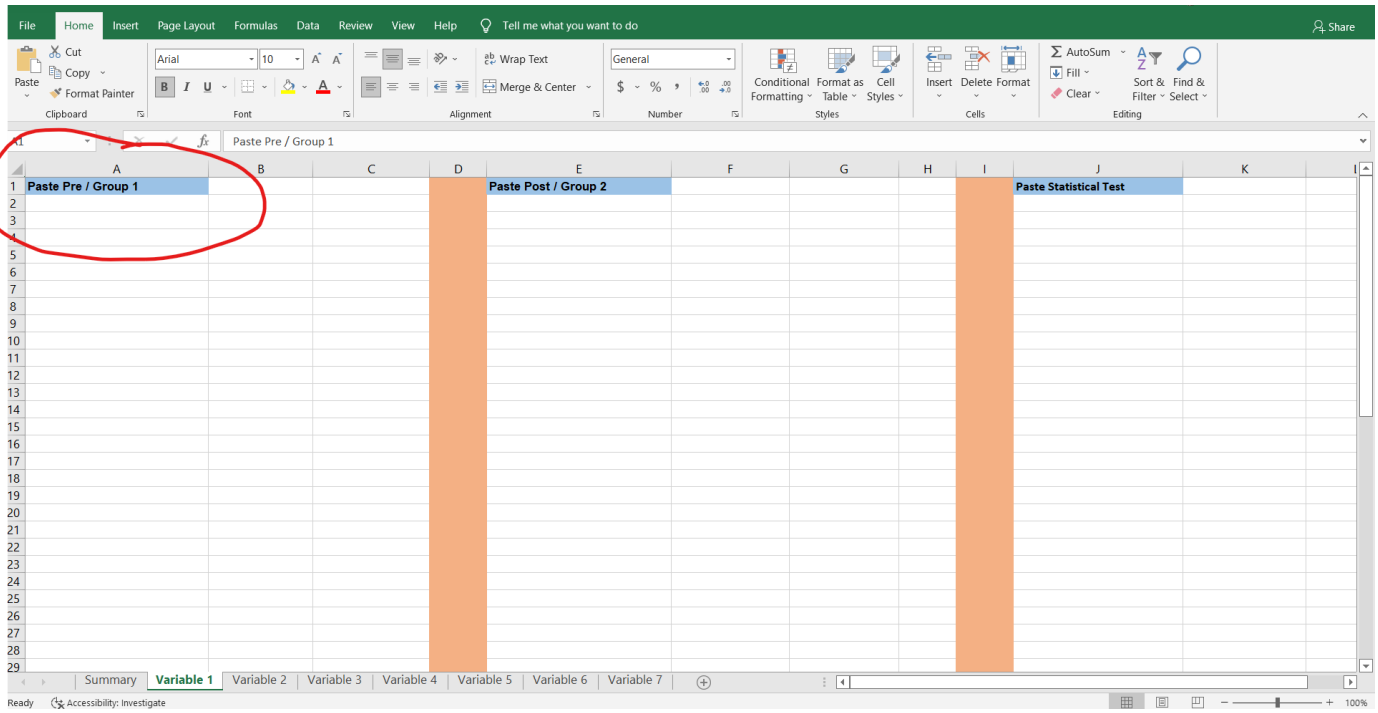
2. Summary Statistics of required Groups / Pre-Post Parameter



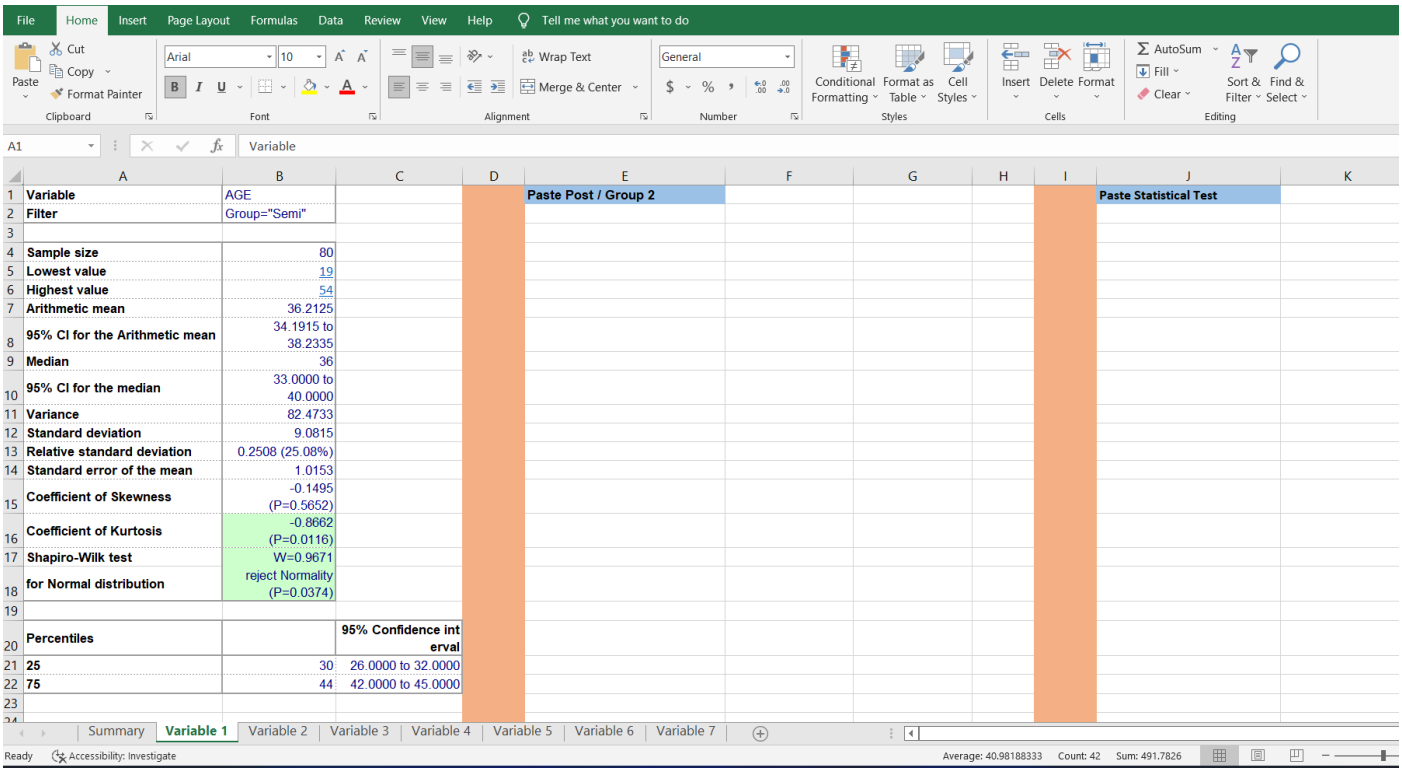
3. Copy the table in its entirety (from variable to last row) as described in the picture below



4. Paste the copied item to Cell A1 in sheet Variable 1 as shown in the picture below



5. You will get something like this as described below

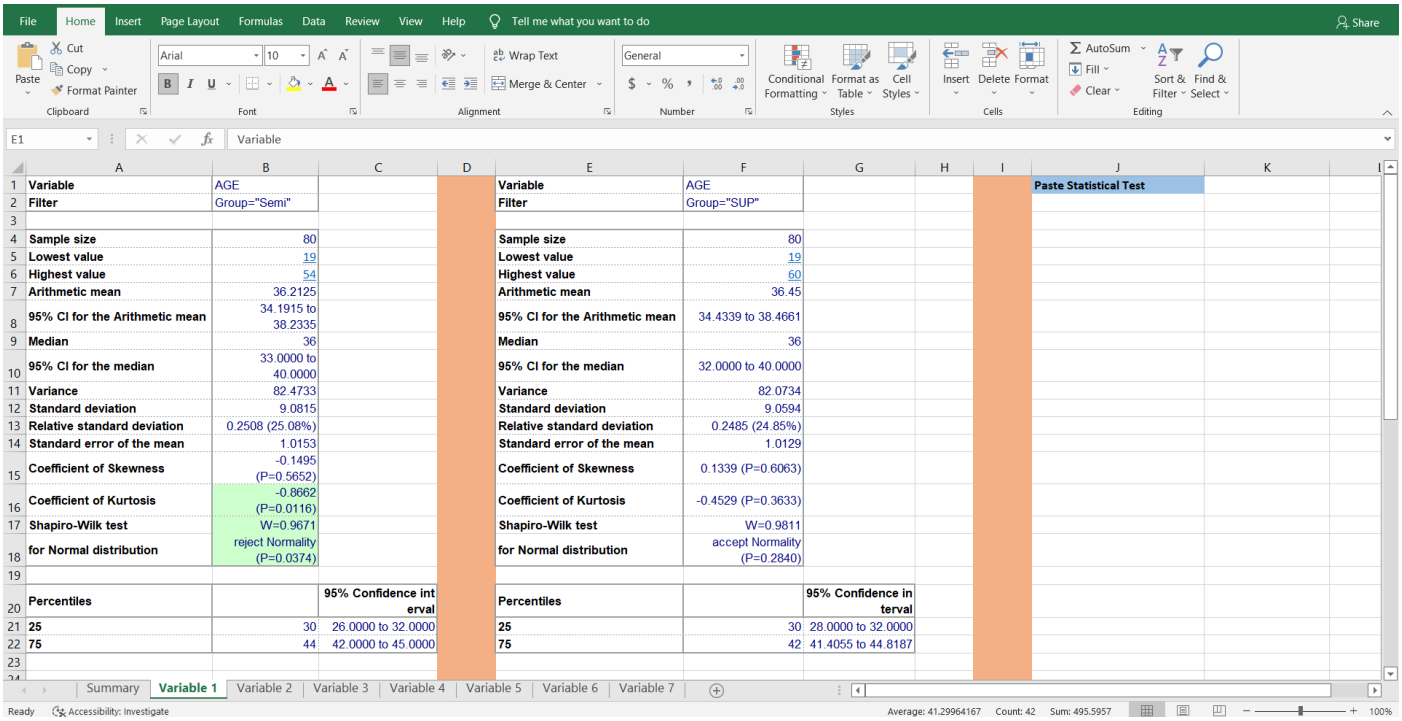


	A	B	C	D	E	F	G	H	I	J	K
1	**Variable**	AGE			**Paste Post / Group 2**					**Paste Statistical Test**	
2	**Filter**	Group="Semi"									
3											
4	**Sample size**	80									
5	**Lowest value**	19									
6	**Highest value**	54									
7	**Arithmetic mean**	36.2125									
8	**95% CI for the Arithmetic mean**	34.1915 to 38.2335									
9	**Median**	36									
10	**95% CI for the median**	33.0000 to 40.0000									
11	**Variance**	82.4733									
12	**Standard deviation**	9.0815									
13	**Relative standard deviation**	0.2508 (25.08%)									
14	**Standard error of the mean**	1.0153									
15	**Coefficient of Skewness**	-0.1495 (P=0.5652)									
16	**Coefficient of Kurtosis**	-0.8662 (P=0.0116)									
17	**Shapiro-Wilk test**	W=0.9671									
18	**for Normal distribution**	reject Normality (P=0.0374)									
19											
20	**Percentiles**		**95% Confidence interval**								
21	**25**	30	26.0000 to 32.0000								
22	**75**	44	42.0000 to 45.0000								
23											

Summary | Variable 1 | Variable 2 | Variable 3 | Variable 4 | Variable 5 | Variable 6 | Variable 7

Ready | Accessibility: Investigate | Average: 40.98188333 | Count: 42 | Sum: 491.7826

6. Similarly do for the other summary statistics

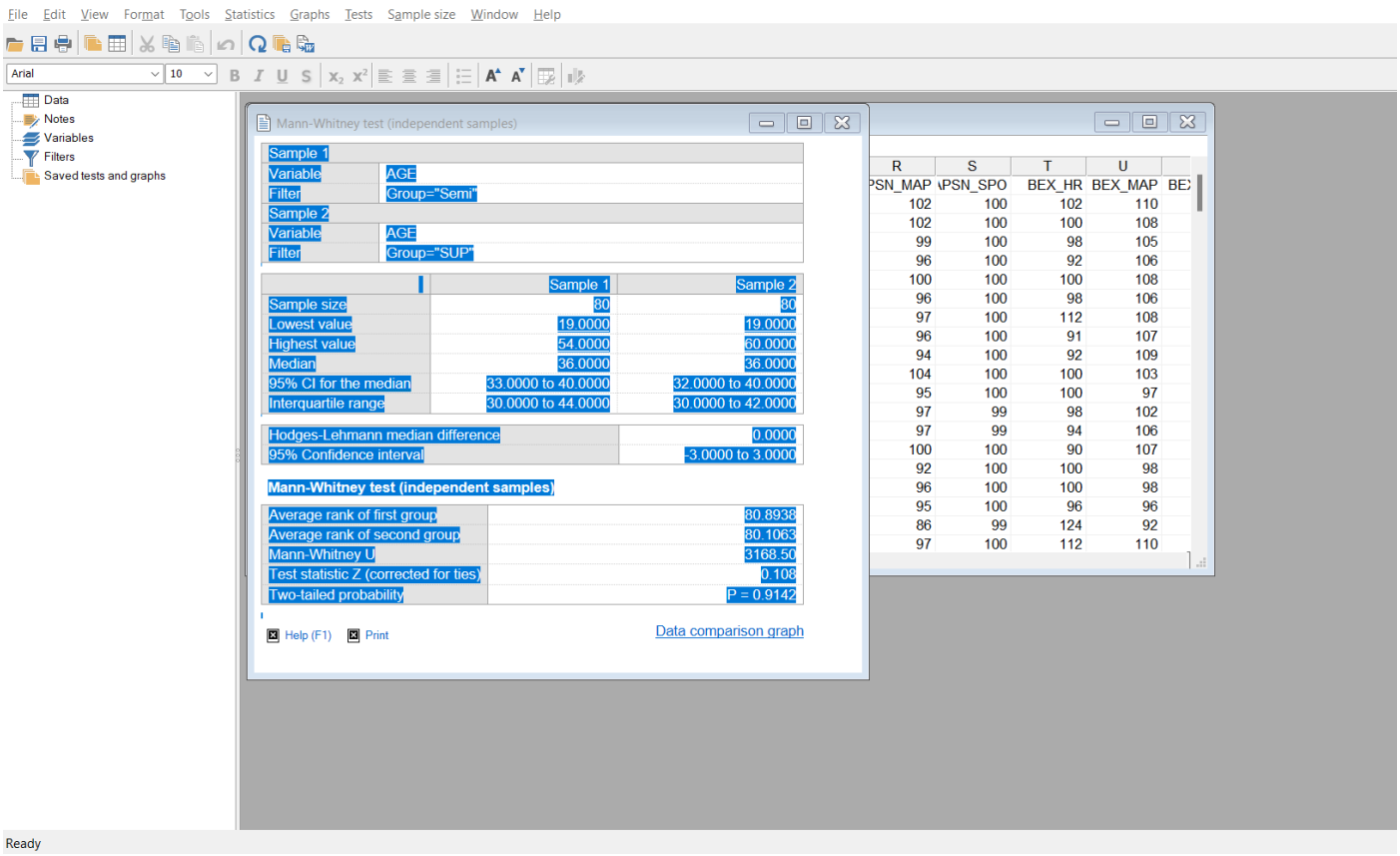


	A	B	C	D	E	F	G	H	I	J	K
1	**Variable**	AGE			**Variable**	AGE				**Paste Statistical Test**	
2	**Filter**	Group="Semi"			**Filter**	Group="SUP"					
3											
4	**Sample size**	80			**Sample size**	80					
5	**Lowest value**	19			**Lowest value**	19					
6	**Highest value**	54			**Highest value**	60					
7	**Arithmetic mean**	36.2125			**Arithmetic mean**	36.45					
8	**95% CI for the Arithmetic mean**	34.1915 to 38.2335			**95% CI for the Arithmetic mean**	34.4339 to 38.4661					
9	**Median**	36			**Median**	36					
10	**95% CI for the median**	33.0000 to 40.0000			**95% CI for the median**	32.0000 to 40.0000					
11	**Variance**	82.4733			**Variance**	82.0734					
12	**Standard deviation**	9.0815			**Standard deviation**	9.0594					
13	**Relative standard deviation**	0.2508 (25.08%)			**Relative standard deviation**	0.2485 (24.85%)					
14	**Standard error of the mean**	1.0153			**Standard error of the mean**	1.0129					
15	**Coefficient of Skewness**	-0.1495 (P=0.5652)			**Coefficient of Skewness**	0.1339 (P=0.6063)					
16	**Coefficient of Kurtosis**	-0.8662 (P=0.0116)			**Coefficient of Kurtosis**	-0.4529 (P=0.3633)					
17	**Shapiro-Wilk test**	W=0.9671			**Shapiro-Wilk test**	W=0.9811					
18	**for Normal distribution**	reject Normality (P=0.0374)			**for Normal distribution**	accept Normality (P=0.2840)					
19											
20	**Percentiles**		**95% Confidence interval**		**Percentiles**		**95% Confidence interval**				
21	**25**	30	26.0000 to 32.0000		**25**	30	28.0000 to 32.0000				
22	**75**	44	42.0000 to 45.0000		**75**	42	41.4055 to 44.8187				
23											

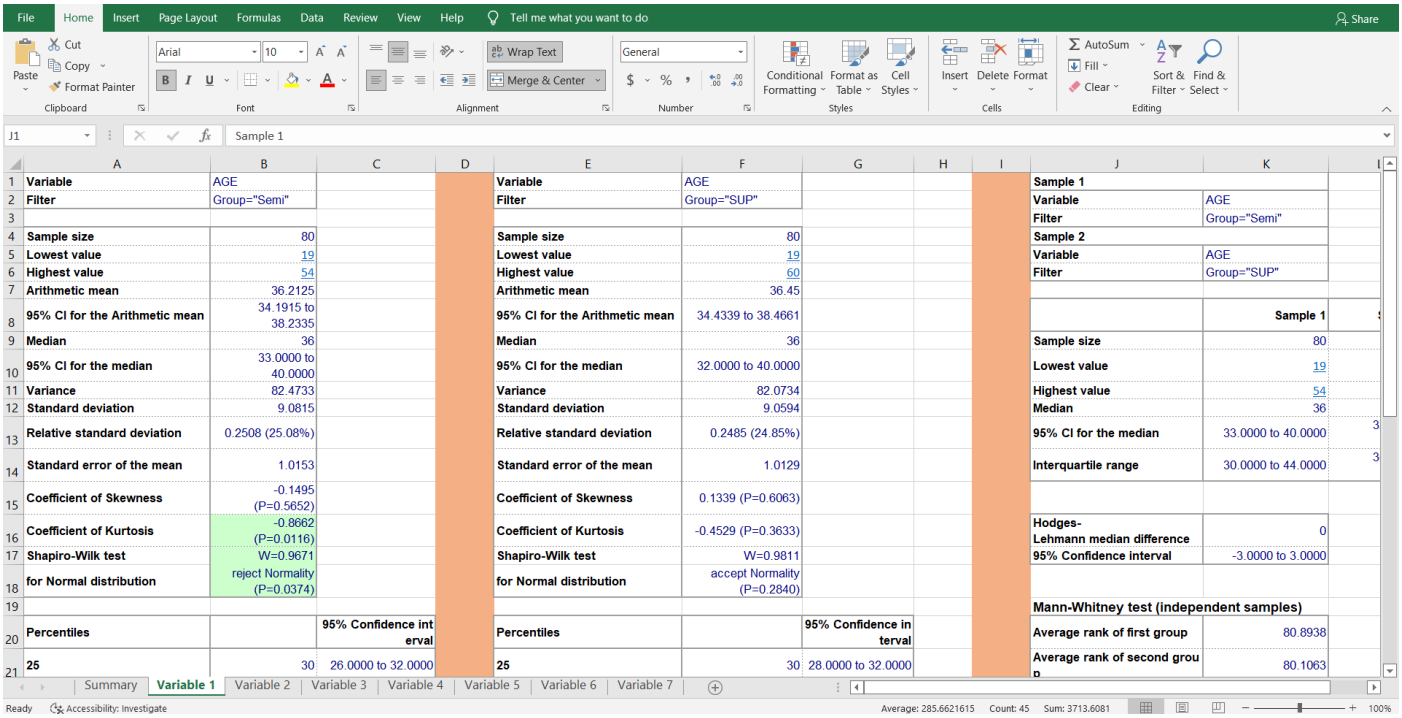
Summary | Variable 1 | Variable 2 | Variable 3 | Variable 4 | Variable 5 | Variable 6 | Variable 7

Ready | Accessibility: Investigate | Average: 41.29964167 | Count: 42 | Sum: 495.5957 | 100%

7. Perform appropriate statistical test

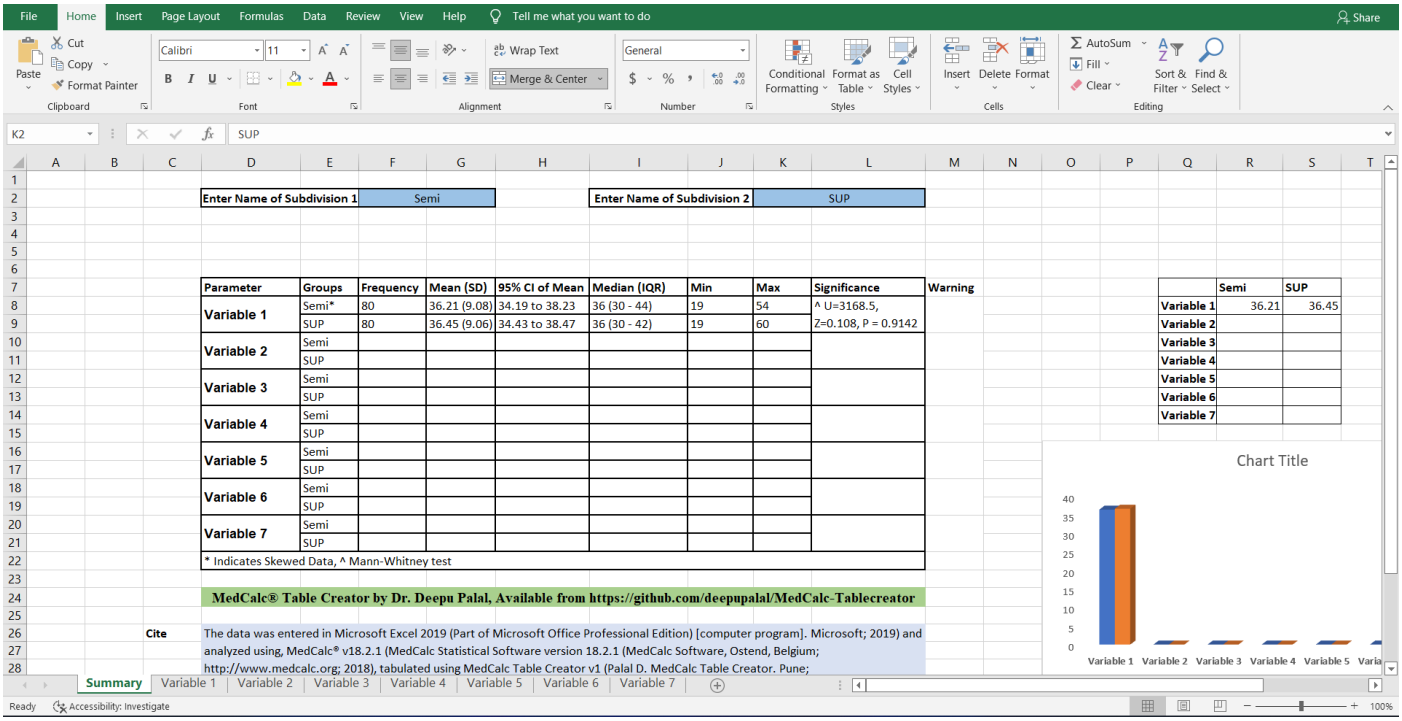


8. Paste it into the Cell J1 in Sheet Variable 1 as shown below



9. Perform similar steps for other variables also pasting to sheets variable 2, variable 3 and so on

10. You can View and copy the final table from the Summary sheet



Enter Name of Subdivision 1	Semi	Enter Name of Subdivision 2	SUP

Parameter	Groups	Frequency	Mean (SD)	95% CI of Mean	Median (IQR)	Min	Max	Significance	Warning
Variable 1	Semi*	80	36.21 (9.08)	34.19 to 38.23	36 (30 - 44)	19	54	^ U=3168.5,	
	SUP	80	36.45 (9.06)	34.43 to 38.47	36 (30 - 42)	19	60	Z=0.108, P = 0.9142	
Variable 2	Semi								
	SUP								
Variable 3	Semi								
	SUP								
Variable 4	Semi								
	SUP								
Variable 5	Semi								
	SUP								
Variable 6	Semi								
	SUP								
Variable 7	Semi								
	SUP								

* Indicates Skewed Data, ^ Mann-Whitney test

	Semi	SUP
Variable 1	36.21	36.45
Variable 2		
Variable 3		
Variable 4		
Variable 5		
Variable 6		
Variable 7		

MedCalc® Table Creator by Dr. Deepu Palal, Available from https://github.com/deepupalal/MedCalc-Tablecreator

Cite The data was entered in Microsoft Excel 2019 (Part of Microsoft Office Professional Edition) [computer program]. Microsoft; 2019) and analyzed using, MedCalc® v18.2.1 (MedCalc Statistical Software version 18.2.1 (MedCalc Software, Ostend, Belgium; http://www.medcalc.org; 2018), tabulated using MedCalc Table Creator v1 (Palal D. MedCalc Table Creator. Pune;

11. The Statistical test used and * mark for skewed data will be mentioned in the table automatically by the programme.

12. The method of analysis as well as the tests performed along with the references for MedCalc® and MedCalc® Table Creator is also given below the table.

Share and support by citing the software

MedCalc Table Creator v1 (Palal D. MedCalc Table Creator. Pune; https://github.com/deepupalal/MedCalc-Tablecreator; 2022)