

Descriptive Statistics from a Frequency Table

Given frequency table

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Class	f
1 - 5	3
6 - 10	7
11 - 15	11
16 - 20	6
21 - 25	4
26 - 30	1

Add the class midpoint which is the random variable 'x'

Class	MidPoint	f
1 - 5	3	3
6 - 10	8	7
11 - 15	13	11
16 - 20	18	6
21 - 25	23	4
26 - 30	28	1

↓ ↓

L1	L2	L3	2
3	3	-----	
8	7		
13	11		
18	6		
23	4		
28	1		

L2(?) =			

enter the midpoint 'x' in L1 and the frequencies in L2

```
[STAT] > CALC
EDIT CALC TESTS
1:1-Var Stats
2:2-Var Stats
3:Med-Med
4:LinReg(ax+b)
5:QuadReg
6:CubicReg
7:QuartReg
```

'x' variable first L1 then enter a comma frequencies second L2

```
1-Var Stats L1,L2
```

display provides descriptive stats for frequency table

```
1-Var Stats
x=13.625
Σx=436
Σx²=7178
Sx=6.318176544
σx=6.218671482
n=32
```