

Practice with Univariate Statistics

We collected three variables from each participant: 1) their score on a psychological wellness questionnaire, 2) whether they had daily or weekly therapy, and 3) and whether they received treatment at the Heath Center, the Psychology Department Clinic or from a private therapist.

Here are the frequency outputs and the univariate statistics ...

WELLNESS

	Frequency	Percent	Cumulative Percent
Valid 23.00	1	3.3	3.3
24.00	2	6.7	10.0
26.00	1	3.3	13.3
30.00	1	3.3	16.7
32.00	1	3.3	20.0
33.00	2	6.7	26.7
34.00	1	3.3	30.0
37.00	1	3.3	33.3
38.00	4	13.3	46.7
39.00	2	6.7	53.3
40.00	2	6.7	60.0
41.00	3	10.0	70.0
42.00	1	3.3	73.3
47.00	1	3.3	76.7
49.00	1	3.3	80.0
50.00	1	3.3	83.3
52.00	1	3.3	86.7
56.00	1	3.3	90.0
57.00	2	6.7	96.7
58.00	1	3.3	100.0
Total	30	100.0	

What kind of variable is this?

Will the mean be interpretable?

What does the mean tell you?

What does the standard deviation tell you?

THERAPY

	Frequency	Percent	Cumulative Percent
Valid weekly	25	83.3	83.3
daily	5	16.7	100.0
Total	30	100.0	

What kind of variable is this?

Will the mean be interpretable?

What does the mean tell you?

TREAT

	Frequency	Percent	Cumulative Percent
Valid health center	13	40.6	43.3
Psychology Department Clinic	9	28.1	73.3
private therapist	8	25.0	100.0
Total	30	93.8	
Missing System	2	6.3	
Total	32	100.0	

What kind of variable is this?

Will the mean be interpretable?

What does the mean tell you?

Statistics

	WELLNESS	THERAPY	TREAT
N Valid	30	30	30
Mean	39.9000	1.1667	1.8333
Std. Deviation	9.93201	.37905	.83391