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Course: MBA 521 - Hybrid Section
(Fall 2020)

Assignment: Copy of HW 1 -
Descriptive Statistics (Ungraded, O

Date: 11/14/20

1. For the Facebook data provided, find the mean, median, and midrange for hours online/week and number of friends in the sample using the appropriate Excel function or formulas. Compare these measures of location.

1 Click the icon to view the data.

The mean for the number of hours online per week is .
(Type an integer or a decimal rounded to two decimal places as needed.)

The median for the number of hours online per week is .
(Type an integer or a decimal rounded to two decimal places as needed.)

The midrange for the number of hours online per week is .
(Type an integer or a decimal rounded to two decimal places as needed.)

The mean for the number of friends is .
(Type an integer or a decimal rounded to two decimal places as needed.)

The median for the number of friends is .
(Type an integer or a decimal rounded to two decimal places as needed.)

The midrange for the number of friends is .
(Type an integer or a decimal rounded to two decimal places as needed.)

Compare the measures of location for each data set.

In each case, the median is the lowest value, while the midrange is the highest. This is because the midrange is most susceptible to outliers, while the median is least susceptible to outliers.

1: Facebook data



Facebook Survey

Student	Gender	Hours online/week	Friends
1	male	6	90
2	female	2	30
3	female	10	400
4	female	4	280
5	male	6	180
6	female	12	380
7	female	9	260
8	female	2	80
9	female	5	60
10	female	4	150
11	female	7	90
12	female	6	80
13	male	5	250
14	female	6	240
15	male	4	50
16	female	5	70
17	male	4	90
18	female	8	340
19	male	4	120
20	male	5	70
21	female	2	30

YOU ANSWERED: 5
