

Summarizing data numerically:

Measures of Central Tendency:

Mean: (arithmetic mean)

for Grouped Data:

midpoint –

Some notes:

1.

2.

Median:

for Grouped Data:

cumulative (relative) frequency –

Some notes:

1.

2.

3.

4.

---

Mode:

for Grouped Data:

modal interval –

Some notes:

1.

2.

3.

Measures of Variability:

Range:

for Grouped Data:

Some notes:

1.

2.

Deviation:

Variance:

Standard Deviation:

Some notes:

1.

2.

3.