

1. Problem

From a very large population, a small sample of measurements was taken.

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|----|----|----|----|----|
| 71 | 63 | 65 | 63 | 77 |
|----|----|----|----|----|

Please calculate the average absolute deviation using the following formula:

$$AAD = \frac{\sum |x - \bar{x}|}{n}$$

2. Problem

From a very large population, a small sample of measurements was taken.

| | | | |
|-----|-----|-----|-----|
| 125 | 125 | 131 | 125 |
|-----|-----|-----|-----|

Please calculate the (Bessel corrected) sample standard deviation using the following formula:

$$s = \sqrt{\frac{\sum (x - \bar{x})^2}{n - 1}}$$