



Analyst Guide
POWERED BY SOLEADEA

CFA LEVEL 1, 2, 3

CFA Calculator: TIBA II PLUS Tips (including PROFESSIONAL version)

SAMPLE

DATA+STAT

EXAMPLE:

You want to compute a standard deviation for the population of rates of return for a stock:

Year	Rate of return (%)
2004	4
2005	15
2006	31
2007	22
2008	-19
2009	-9
2010	12
2011	4
2012	-1

DATA worksheet:

[2ND] [DATA] (note: DATA is the second function of numerical key 7)

[2ND] [CLR WORK] (note: always remember to clear the worksheet first)

X1 = 4 [ENTER] [↓] Y1 = 1 [↓]

X2 = 15 [ENTER] [↓] Y2 = 1 [↓]

X3 = 31 [ENTER] [↓] Y3 = 1 [↓]

X4 = 22 [ENTER] [↓] Y4 = 1 [↓]

X5 = 19 [+/-] [ENTER] [↓] Y5 = 1 [↓]

(note: for a negative value, press [+/-] after you input the value and [Enter])

X6 = 9 [+/-] [ENTER] [↓] Y6 = 1 [↓]

X7 = 12 [ENTER] [↓] Y7 = 1 [↓]

X8 = 4 [ENTER] [↓] Y8 = 1 [↓]

X9 = 1 [+/-] [ENTER] [↓] Y9 = 1

(note: because in this example we're dealing with one variable X, that is the rate of return, all Ys are equal to 1; if you have two variables – a dependent variable and an independent variable – use Y as the dependent variable and X as the independent variable)

STAT worksheet:

[2ND] [STAT] (note: STAT is the second function of numerical key 8)

[2ND] [SET], [2ND] [SET], ... → 1-V (note: press [2ND] [SET] until you find 1 variable mode)

[↓] [↓] [↓] [↓] → $\sigma = 14.54$ (note: σ stands for population standard deviation, s stands for sample standard deviation; usually – you'll need to search for s unless it is not what follows from the question you're doing)

TIPS:

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find out more at:

<https://analyst.guide/#calculator>