

Confidence Ranges for ClassEval Data Centered Around the Course's Mean Rating On an Individual Question For Courses With Total Enrollment of 20 to 29 Students										
Number of Students Responding	Range Around ClassEval Course Section Mean Rating									
	Plus/Minus 0.1	Plus/Minus 0.2	Plus/Minus 0.3	Plus/Minus 0.4	Plus/Minus 0.5	Plus/Minus 0.6	Plus/Minus 0.7	Plus/Minus 0.8	Plus/Minus 0.9	Plus/Minus 1.0
1	15%	29%	47%	56%	66%	73%	78%	85%	89%	92%
2	15%	32%	55%	67%	78%	83%	87%	91%	93%	95%
3	23%	45%	64%	75%	84%	89%	92%	95%	96%	97%
4	30%	51%	70%	81%	89%	92%	95%	97%	98%	99%
5	32%	56%	76%	85%	92%	95%	97%	98%	99%	100%
6	37%	62%	80%	89%	94%	97%	98%	99%	100%	100%
7	40%	67%	83%	92%	96%	98%	99%	100%	100%	100%
8	44%	71%	87%	94%	97%	99%	100%	100%	100%	100%
9	48%	75%	89%	95%	98%	99%	100%	100%	100%	100%
10	50%	78%	92%	97%	99%	100%	100%	100%	100%	100%
11	54%	82%	94%	98%	99%	100%	100%	100%	100%	100%
12	58%	85%	95%	99%	100%	100%	100%	100%	100%	100%
13	62%	88%	97%	99%	100%	100%	100%	100%	100%	100%
14	66%	90%	98%	99%	100%	100%	100%	100%	100%	100%
15	71%	93%	99%	100%	100%	100%	100%	100%	100%	100%
16	75%	95%	99%	100%	100%	100%	100%	100%	100%	100%
17	79%	96%	99%	100%	100%	100%	100%	100%	100%	100%
18	85%	98%	100%	100%	100%	100%	100%	100%	100%	100%
19	89%	99%	100%	100%	100%	100%	100%	100%	100%	100%
20 & Above	93%	99%	100%	100%	100%	100%	100%	100%	100%	100%
100% Response Rate	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

- Denotes the response rate does not instill confidence for the given range around the mean score (response rate below 80%)
- Denotes the response rate instills low confidence for the given range around the mean score (response rate 80%-90%)
- Denotes the response rate instills some confidence for the given range around the mean score (response rate 90%-95%)
- Denotes the response rate instills high confidence for the given range around the mean score (response rate over 95%)

\*Table created using 253 courses with a perfect or near perfect response rate from Spring 2007 to Spring 2010

For Example:

In a class of 27 students, of whom 7 responded, where the mean rating on a question was 4.1, there is an **92%** chance that the actual mean is between 3.7 and 4.5 (+/- 0.4).

If 7 students in the course had responded to that question with a mean rating of 4.1, there is a **40%** chance that the actual mean is between 4.0 and 4.2 (+/- 0.1).

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University Planning & Analysis

K:\ClassEval\Evaluation\Response Rate Tables\CE Table Data\Carlo.xls