

September 21, 2016

The data contained in this report represent an extension of the Institute Normative Data report from the Course Instructor Opinion Survey (CIOS). This report contains data *BY SUBJECT* in the form of a 5-year running average from Fall 2011 through Spring 2016. The companion annual Normative Data report contains results *BY COLLEGE* from Fall 2015, Spring 2016, and since the inception of the CIOS.

The following data sets focus on survey Item 10: *Considering everything, the instructor was an effective teacher*. This question has been maintained in the same form throughout all versions of CIOS.

This format enables faculty to compare their scores with 5 year averages. Central tendencies and distributions of the question are reported by class size. Experience and general research confirm that class size is a primary variable explaining significant differences in ratings. The following notation may help you interpret the data:

- “*N*” is the number of classes in a particular population frame.
- “Median” is the middle value of an ordered array of classes’ interpolated median scores.
- Columns “Cut 1,” “Cut 2,” “Cut 3,” and “Cut 4” indicate the quintile values (20th, 40th, 60th, and 80th percentiles) in the distribution.
- Values range from 1 to 5, where 1 is “strongly disagree” and 5 is “strongly agree.”

We trust that these data are helpful to you. If you have any questions, feel free to contact Dr. Joe Ludlum at 404.385.1292 or <[joe.ludlum@gatech.edu](mailto:joe.ludlum@gatech.edu)>

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# Descriptive Statistics for Item 10 2011–2016

| <b>Fall 2011 - Spring 2016 ACCT</b> |     |        |       |       |       |       |
|-------------------------------------|-----|--------|-------|-------|-------|-------|
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 1   | 4.95   | 4.95  | 4.95  | 4.95  | 4.95  |
| 16 - 35                             | 12  | 4.60   | 3.73  | 4.52  | 4.68  | 4.88  |
| 36 - 99                             | 67  | 4.65   | 4.32  | 4.57  | 4.70  | 4.79  |
| > 99                                | 0   | NA     | NA    | NA    | NA    | NA    |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 AE</b>   |     |        |       |       |       |       |
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 498 | 4.50   | 4.00  | 4.25  | 4.75  | 5.00  |
| 16 - 35                             | 228 | 4.30   | 3.78  | 4.13  | 4.50  | 4.70  |
| 36 - 99                             | 275 | 4.29   | 3.60  | 4.11  | 4.48  | 4.71  |
| > 99                                | 5   | 4.00   | 3.82  | 3.93  | 4.38  | 4.74  |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 APPH</b> |     |        |       |       |       |       |
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 169 | 4.62   | 4.00  | 4.50  | 4.80  | 5.00  |
| 16 - 35                             | 69  | 4.25   | 3.75  | 4.00  | 4.50  | 4.63  |
| 36 - 99                             | 12  | 4.15   | 3.18  | 3.92  | 4.21  | 4.86  |
| > 99                                | 29  | 4.10   | 3.90  | 4.00  | 4.20  | 4.68  |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 ARBC</b> |     |        |       |       |       |       |
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 29  | 4.90   | 4.50  | 4.88  | 5.00  | 5.00  |
| 16 - 35                             | 19  | 4.70   | 4.30  | 4.70  | 4.85  | 4.94  |
| 36 - 99                             | 0   | NA     | NA    | NA    | NA    | NA    |
| > 99                                | 0   | NA     | NA    | NA    | NA    | NA    |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 ARCH</b> |     |        |       |       |       |       |
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 701 | 4.80   | 4.00  | 4.70  | 4.90  | 5.00  |
| 16 - 35                             | 103 | 4.63   | 4.12  | 4.40  | 4.73  | 4.88  |
| 36 - 99                             | 70  | 4.59   | 4.13  | 4.40  | 4.68  | 4.77  |
| > 99                                | 0   | NA     | NA    | NA    | NA    | NA    |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |

# Descriptive Statistics for Item 10 2011–2016

| <b>Fall 2011 - Spring 2016 AS</b>   |     |        |       |       |       |       |
|-------------------------------------|-----|--------|-------|-------|-------|-------|
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 36  | 4.90   | 4.50  | 4.82  | 4.94  | 5.00  |
| 16 - 35                             | 64  | 4.88   | 4.50  | 4.80  | 5.00  | 5.00  |
| 36 - 99                             | 5   | 4.57   | 4.50  | 4.53  | 4.65  | 4.78  |
| > 99                                | 0   | NA     | NA    | NA    | NA    | NA    |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 ASE</b>  |     |        |       |       |       |       |
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 25  | 4.90   | 4.02  | 4.60  | 5.00  | 5.00  |
| 16 - 35                             | 47  | 4.70   | 4.25  | 4.64  | 4.79  | 5.00  |
| 36 - 99                             | 0   | NA     | NA    | NA    | NA    | NA    |
| > 99                                | 0   | NA     | NA    | NA    | NA    | NA    |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 BC</b>   |     |        |       |       |       |       |
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 142 | 4.80   | 4.20  | 4.75  | 4.83  | 5.00  |
| 16 - 35                             | 95  | 4.70   | 4.08  | 4.57  | 4.80  | 4.92  |
| 36 - 99                             | 21  | 4.92   | 4.24  | 4.91  | 4.94  | 4.98  |
| > 99                                | 0   | NA     | NA    | NA    | NA    | NA    |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 BIOL</b> |     |        |       |       |       |       |
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 377 | 4.75   | 4.17  | 4.60  | 4.83  | 5.00  |
| 16 - 35                             | 185 | 4.54   | 4.06  | 4.38  | 4.65  | 4.80  |
| 36 - 99                             | 93  | 4.15   | 3.83  | 4.05  | 4.29  | 4.53  |
| > 99                                | 52  | 3.99   | 3.61  | 3.91  | 4.04  | 4.16  |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 BMED</b> |     |        |       |       |       |       |
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 271 | 4.40   | 3.77  | 4.00  | 4.60  | 4.89  |
| 16 - 35                             | 408 | 4.00   | 3.25  | 3.80  | 4.10  | 4.60  |
| 36 - 99                             | 201 | 4.19   | 3.58  | 4.08  | 4.30  | 4.75  |
| > 99                                | 9   | 3.81   | 3.56  | 3.64  | 3.86  | 3.90  |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |

# Descriptive Statistics for Item 10 2011–2016



| <b>Fall 2011 - Spring 2016 BMEM</b> |     |        |       |       |       |       |
|-------------------------------------|-----|--------|-------|-------|-------|-------|
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 0   | NA     | NA    | NA    | NA    | NA    |
| 16 - 35                             | 0   | NA     | NA    | NA    | NA    | NA    |
| 36 - 99                             | 0   | NA     | NA    | NA    | NA    | NA    |
| > 99                                | 0   | NA     | NA    | NA    | NA    | NA    |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 CEE</b>  |     |        |       |       |       |       |
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 564 | 4.70   | 4.00  | 4.60  | 4.80  | 5.00  |
| 16 - 35                             | 346 | 4.58   | 4.10  | 4.40  | 4.70  | 4.85  |
| 36 - 99                             | 264 | 4.50   | 4.00  | 4.31  | 4.60  | 4.80  |
| > 99                                | 0   | NA     | NA    | NA    | NA    | NA    |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 CETL</b> |     |        |       |       |       |       |
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 199 | 4.92   | 4.67  | 4.88  | 5.00  | 5.00  |
| 16 - 35                             | 105 | 4.70   | 4.33  | 4.59  | 4.77  | 4.88  |
| 36 - 99                             | 28  | 4.80   | 4.52  | 4.74  | 4.84  | 4.90  |
| > 99                                | 0   | NA     | NA    | NA    | NA    | NA    |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 CHBE</b> |     |        |       |       |       |       |
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 235 | 4.50   | 4.00  | 4.50  | 4.75  | 5.00  |
| 16 - 35                             | 177 | 4.50   | 4.00  | 4.33  | 4.58  | 4.80  |
| 36 - 99                             | 236 | 4.21   | 3.69  | 4.06  | 4.40  | 4.70  |
| > 99                                | 16  | 4.21   | 3.13  | 4.00  | 4.38  | 4.56  |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 CHE</b>  |     |        |       |       |       |       |
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 0   | NA     | NA    | NA    | NA    | NA    |
| 16 - 35                             | 0   | NA     | NA    | NA    | NA    | NA    |
| 36 - 99                             | 0   | NA     | NA    | NA    | NA    | NA    |
| > 99                                | 0   | NA     | NA    | NA    | NA    | NA    |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |

# Descriptive Statistics for Item 10 2011–2016



| <b>Fall 2011 - Spring 2016 CHEM</b> |     |        |       |       |       |       |
|-------------------------------------|-----|--------|-------|-------|-------|-------|
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 472 | 4.50   | 4.00  | 4.26  | 4.75  | 5.00  |
| 16 - 35                             | 649 | 4.30   | 3.67  | 4.10  | 4.50  | 4.75  |
| 36 - 99                             | 94  | 4.10   | 3.80  | 4.00  | 4.33  | 4.60  |
| > 99                                | 154 | 4.22   | 3.62  | 4.09  | 4.40  | 4.70  |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 CHIN</b> |     |        |       |       |       |       |
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 130 | 4.80   | 4.50  | 4.70  | 4.86  | 5.00  |
| 16 - 35                             | 68  | 4.70   | 4.50  | 4.62  | 4.82  | 4.93  |
| 36 - 99                             | 0   | NA     | NA    | NA    | NA    | NA    |
| > 99                                | 0   | NA     | NA    | NA    | NA    | NA    |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 COA</b>  |     |        |       |       |       |       |
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 157 | 4.75   | 4.06  | 4.60  | 4.81  | 5.00  |
| 16 - 35                             | 25  | 4.60   | 3.94  | 4.38  | 4.70  | 4.90  |
| 36 - 99                             | 13  | 3.83   | 3.50  | 3.82  | 4.08  | 4.85  |
| > 99                                | 12  | 4.23   | 3.68  | 4.01  | 4.33  | 4.52  |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 COE</b>  |     |        |       |       |       |       |
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 20  | 4.35   | 3.15  | 4.21  | 4.58  | 4.85  |
| 16 - 35                             | 36  | 4.17   | 3.74  | 4.13  | 4.34  | 4.88  |
| 36 - 99                             | 212 | 4.35   | 3.85  | 4.20  | 4.55  | 4.74  |
| > 99                                | 2   | 4.61   | 4.50  | 4.54  | 4.68  | 4.72  |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 COOP</b> |     |        |       |       |       |       |
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 0   | NA     | NA    | NA    | NA    | NA    |
| 16 - 35                             | 0   | NA     | NA    | NA    | NA    | NA    |
| 36 - 99                             | 5   | 4.50   | 4.27  | 4.40  | 4.50  | 4.60  |
| > 99                                | 2   | 4.75   | 4.50  | 4.60  | 4.90  | 5.00  |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |

# Descriptive Statistics for Item 10 2011–2016



| <b>Fall 2011 - Spring 2016 COS</b> |     |        |       |       |       |       |
|------------------------------------|-----|--------|-------|-------|-------|-------|
|                                    | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                               | 0   | NA     | NA    | NA    | NA    | NA    |
| 16 - 35                            | 2   | 4.89   | 4.88  | 4.88  | 4.90  | 4.90  |
| 36 - 99                            | 0   | NA     | NA    | NA    | NA    | NA    |
| > 99                               | 0   | NA     | NA    | NA    | NA    | NA    |
|                                    |     |        |       |       |       |       |
|                                    |     |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 CP</b>  |     |        |       |       |       |       |
|                                    | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                               | 191 | 4.63   | 4.00  | 4.50  | 4.75  | 4.90  |
| 16 - 35                            | 75  | 4.40   | 3.78  | 4.29  | 4.62  | 4.80  |
| 36 - 99                            | 33  | 4.50   | 3.78  | 4.15  | 4.61  | 4.73  |
| > 99                               | 0   | NA     | NA    | NA    | NA    | NA    |
|                                    |     |        |       |       |       |       |
|                                    |     |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 CS</b>  |     |        |       |       |       |       |
|                                    | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                               | 568 | 4.70   | 4.00  | 4.50  | 4.80  | 5.00  |
| 16 - 35                            | 684 | 4.60   | 4.12  | 4.50  | 4.70  | 4.80  |
| 36 - 99                            | 866 | 4.30   | 3.70  | 4.18  | 4.47  | 4.69  |
| > 99                               | 86  | 4.51   | 4.01  | 4.43  | 4.62  | 4.77  |
|                                    |     |        |       |       |       |       |
|                                    |     |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 CSE</b> |     |        |       |       |       |       |
|                                    | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                               | 89  | 4.60   | 4.00  | 4.50  | 4.75  | 5.00  |
| 16 - 35                            | 25  | 4.60   | 4.21  | 4.57  | 4.71  | 4.80  |
| 36 - 99                            | 30  | 4.33   | 4.06  | 4.24  | 4.50  | 4.76  |
| > 99                               | 3   | 4.29   | 4.06  | 4.20  | 4.37  | 4.48  |
|                                    |     |        |       |       |       |       |
|                                    |     |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 CX</b>  |     |        |       |       |       |       |
|                                    | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                               | 13  | 4.67   | 3.56  | 4.50  | 4.75  | 5.00  |
| 16 - 35                            | 14  | 4.50   | 4.00  | 4.20  | 4.50  | 4.70  |
| 36 - 99                            | 2   | 3.71   | 3.60  | 3.65  | 3.78  | 3.83  |
| > 99                               | 0   | NA     | NA    | NA    | NA    | NA    |
|                                    |     |        |       |       |       |       |
|                                    |     |        |       |       |       |       |

# Descriptive Statistics for Item 10 2011–2016

| <b>Fall 2011 - Spring 2016 DOPP</b> |      |        |       |       |       |       |
|-------------------------------------|------|--------|-------|-------|-------|-------|
|                                     | N    | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 9    | 4.80   | 4.00  | 4.75  | 4.88  | 5.00  |
| 16 - 35                             | 1    | 4.60   | 4.60  | 4.60  | 4.60  | 4.60  |
| 36 - 99                             | 0    | NA     | NA    | NA    | NA    | NA    |
| > 99                                | 0    | NA     | NA    | NA    | NA    | NA    |
|                                     |      |        |       |       |       |       |
|                                     |      |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 EAS</b>  |      |        |       |       |       |       |
|                                     | N    | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 345  | 4.75   | 4.25  | 4.67  | 4.88  | 5.00  |
| 16 - 35                             | 363  | 4.17   | 3.50  | 4.00  | 4.50  | 4.75  |
| 36 - 99                             | 2    | 4.21   | 3.85  | 3.99  | 4.42  | 4.56  |
| > 99                                | 35   | 3.90   | 3.19  | 3.45  | 4.08  | 4.40  |
|                                     |      |        |       |       |       |       |
|                                     |      |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 ECE</b>  |      |        |       |       |       |       |
|                                     | N    | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 1092 | 4.50   | 3.82  | 4.25  | 4.75  | 5.00  |
| 16 - 35                             | 1005 | 4.33   | 3.70  | 4.10  | 4.50  | 4.80  |
| 36 - 99                             | 684  | 4.31   | 3.80  | 4.18  | 4.53  | 4.78  |
| > 99                                | 84   | 4.12   | 3.70  | 4.00  | 4.23  | 4.64  |
|                                     |      |        |       |       |       |       |
|                                     |      |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 ECON</b> |      |        |       |       |       |       |
|                                     | N    | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 175  | 4.70   | 4.00  | 4.50  | 4.80  | 5.00  |
| 16 - 35                             | 84   | 4.38   | 3.90  | 4.21  | 4.50  | 4.70  |
| 36 - 99                             | 64   | 4.27   | 3.80  | 4.14  | 4.40  | 4.62  |
| > 99                                | 49   | 3.87   | 3.56  | 3.81  | 3.90  | 4.13  |
|                                     |      |        |       |       |       |       |
|                                     |      |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 ENGL</b> |      |        |       |       |       |       |
|                                     | N    | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 45   | 4.50   | 4.02  | 4.50  | 4.69  | 4.90  |
| 16 - 35                             | 802  | 4.67   | 4.17  | 4.56  | 4.75  | 4.88  |
| 36 - 99                             | 0    | NA     | NA    | NA    | NA    | NA    |
| > 99                                | 0    | NA     | NA    | NA    | NA    | NA    |
|                                     |      |        |       |       |       |       |
|                                     |      |        |       |       |       |       |

# Descriptive Statistics for Item 10 2011–2016

| <b>Fall 2011 - Spring 2016 FREN</b> |     |        |       |       |       |       |
|-------------------------------------|-----|--------|-------|-------|-------|-------|
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 93  | 4.88   | 4.50  | 4.80  | 4.91  | 5.00  |
| 16 - 35                             | 154 | 4.88   | 4.60  | 4.81  | 4.90  | 4.97  |
| 36 - 99                             | 0   | NA     | NA    | NA    | NA    | NA    |
| > 99                                | 0   | NA     | NA    | NA    | NA    | NA    |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 GRMN</b> |     |        |       |       |       |       |
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 71  | 4.90   | 4.75  | 4.88  | 4.94  | 5.00  |
| 16 - 35                             | 100 | 4.87   | 4.73  | 4.82  | 4.90  | 4.94  |
| 36 - 99                             | 0   | NA     | NA    | NA    | NA    | NA    |
| > 99                                | 0   | NA     | NA    | NA    | NA    | NA    |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 GT</b>   |     |        |       |       |       |       |
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 348 | 4.88   | 4.38  | 4.75  | 5.00  | 5.00  |
| 16 - 35                             | 448 | 4.79   | 4.25  | 4.70  | 4.83  | 4.93  |
| 36 - 99                             | 37  | 4.50   | 4.13  | 4.40  | 4.65  | 4.84  |
| > 99                                | 5   | 4.59   | 4.15  | 4.45  | 4.73  | 4.92  |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 HIST</b> |     |        |       |       |       |       |
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 0   | NA     | NA    | NA    | NA    | NA    |
| 16 - 35                             | 0   | NA     | NA    | NA    | NA    | NA    |
| 36 - 99                             | 5   | 4.60   | 4.33  | 4.44  | 4.65  | 4.78  |
| > 99                                | 29  | 4.64   | 4.10  | 4.48  | 4.81  | 4.89  |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 HP</b>   |     |        |       |       |       |       |
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 0   | NA     | NA    | NA    | NA    | NA    |
| 16 - 35                             | 0   | NA     | NA    | NA    | NA    | NA    |
| 36 - 99                             | 0   | NA     | NA    | NA    | NA    | NA    |
| > 99                                | 0   | NA     | NA    | NA    | NA    | NA    |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |



# Descriptive Statistics for Item 10 2011–2016

| <b>Fall 2011 - Spring 2016 HPS</b> |     |        |       |       |       |       |
|------------------------------------|-----|--------|-------|-------|-------|-------|
|                                    | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                               | 1   | 4.80   | 4.80  | 4.80  | 4.80  | 4.80  |
| 16 - 35                            | 0   | NA     | NA    | NA    | NA    | NA    |
| 36 - 99                            | 0   | NA     | NA    | NA    | NA    | NA    |
| > 99                               | 24  | 4.08   | 3.63  | 4.03  | 4.10  | 4.23  |
|                                    |     |        |       |       |       |       |
|                                    |     |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 HS</b>  |     |        |       |       |       |       |
|                                    | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                               | 12  | 4.86   | 4.50  | 4.83  | 4.90  | 4.94  |
| 16 - 35                            | 1   | 2.00   | 2.00  | 2.00  | 2.00  | 2.00  |
| 36 - 99                            | 0   | NA     | NA    | NA    | NA    | NA    |
| > 99                               | 0   | NA     | NA    | NA    | NA    | NA    |
|                                    |     |        |       |       |       |       |
|                                    |     |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 HTS</b> |     |        |       |       |       |       |
|                                    | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                               | 131 | 4.83   | 4.50  | 4.80  | 4.92  | 5.00  |
| 16 - 35                            | 149 | 4.68   | 4.20  | 4.54  | 4.74  | 4.86  |
| 36 - 99                            | 33  | 4.77   | 4.42  | 4.72  | 4.81  | 4.91  |
| > 99                               | 0   | NA     | NA    | NA    | NA    | NA    |
|                                    |     |        |       |       |       |       |
|                                    |     |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 ID</b>  |     |        |       |       |       |       |
|                                    | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                               | 287 | 4.50   | 4.00  | 4.31  | 4.75  | 5.00  |
| 16 - 35                            | 111 | 4.50   | 3.90  | 4.33  | 4.63  | 4.86  |
| 36 - 99                            | 16  | 4.13   | 3.32  | 4.02  | 4.55  | 4.80  |
| > 99                               | 10  | 4.35   | 3.93  | 4.13  | 4.41  | 4.53  |
|                                    |     |        |       |       |       |       |
|                                    |     |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 IL</b>  |     |        |       |       |       |       |
|                                    | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                               | 23  | 5.00   | 5.00  | 5.00  | 5.00  | 5.00  |
| 16 - 35                            | 10  | 5.00   | 5.00  | 5.00  | 5.00  | 5.00  |
| 36 - 99                            | 0   | NA     | NA    | NA    | NA    | NA    |
| > 99                               | 0   | NA     | NA    | NA    | NA    | NA    |
|                                    |     |        |       |       |       |       |
|                                    |     |        |       |       |       |       |

# Descriptive Statistics for Item 10 2011–2016

| <b>Fall 2011 - Spring 2016 IMBA</b> |     |        |       |       |       |       |
|-------------------------------------|-----|--------|-------|-------|-------|-------|
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 0   | NA     | NA    | NA    | NA    | NA    |
| 16 - 35                             | 36  | 4.70   | 4.11  | 4.50  | 4.76  | 4.90  |
| 36 - 99                             | 96  | 4.59   | 3.88  | 4.41  | 4.73  | 4.87  |
| > 99                                | 0   | NA     | NA    | NA    | NA    | NA    |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 INTA</b> |     |        |       |       |       |       |
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 290 | 4.88   | 4.25  | 4.80  | 4.95  | 5.00  |
| 16 - 35                             | 107 | 4.71   | 4.23  | 4.58  | 4.75  | 4.89  |
| 36 - 99                             | 59  | 4.44   | 4.00  | 4.36  | 4.64  | 4.77  |
| > 99                                | 31  | 4.50   | 3.95  | 4.18  | 4.61  | 4.71  |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 INTN</b> |     |        |       |       |       |       |
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 0   | NA     | NA    | NA    | NA    | NA    |
| 16 - 35                             | 0   | NA     | NA    | NA    | NA    | NA    |
| 36 - 99                             | 1   | 4.50   | 4.50  | 4.50  | 4.50  | 4.50  |
| > 99                                | 1   | 5.00   | 5.00  | 5.00  | 5.00  | 5.00  |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 IPFS</b> |     |        |       |       |       |       |
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 0   | NA     | NA    | NA    | NA    | NA    |
| 16 - 35                             | 1   | 4.00   | 4.00  | 4.00  | 4.00  | 4.00  |
| 36 - 99                             | 0   | NA     | NA    | NA    | NA    | NA    |
| > 99                                | 0   | NA     | NA    | NA    | NA    | NA    |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 IPIN</b> |     |        |       |       |       |       |
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 1   | 5.00   | 5.00  | 5.00  | 5.00  | 5.00  |
| 16 - 35                             | 0   | NA     | NA    | NA    | NA    | NA    |
| 36 - 99                             | 0   | NA     | NA    | NA    | NA    | NA    |
| > 99                                | 0   | NA     | NA    | NA    | NA    | NA    |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |

# Descriptive Statistics for Item 10 2011–2016



| <b>Fall 2011 - Spring 2016 IPSA</b> |     |        |       |       |       |       |
|-------------------------------------|-----|--------|-------|-------|-------|-------|
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 0   | NA     | NA    | NA    | NA    | NA    |
| 16 - 35                             | 0   | NA     | NA    | NA    | NA    | NA    |
| 36 - 99                             | 0   | NA     | NA    | NA    | NA    | NA    |
| > 99                                | 0   | NA     | NA    | NA    | NA    | NA    |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 ISYE</b> |     |        |       |       |       |       |
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 365 | 4.67   | 3.81  | 4.50  | 4.75  | 5.00  |
| 16 - 35                             | 296 | 4.50   | 3.72  | 4.30  | 4.64  | 4.80  |
| 36 - 99                             | 454 | 4.38   | 3.78  | 4.18  | 4.50  | 4.75  |
| > 99                                | 31  | 4.15   | 3.11  | 3.82  | 4.31  | 4.72  |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 JAPN</b> |     |        |       |       |       |       |
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 171 | 4.90   | 4.70  | 4.85  | 4.92  | 5.00  |
| 16 - 35                             | 131 | 4.85   | 4.73  | 4.82  | 4.88  | 4.93  |
| 36 - 99                             | 0   | NA     | NA    | NA    | NA    | NA    |
| > 99                                | 0   | NA     | NA    | NA    | NA    | NA    |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 KOR</b>  |     |        |       |       |       |       |
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 21  | 4.80   | 4.40  | 4.72  | 4.84  | 5.00  |
| 16 - 35                             | 87  | 4.86   | 4.72  | 4.83  | 4.90  | 4.97  |
| 36 - 99                             | 0   | NA     | NA    | NA    | NA    | NA    |
| > 99                                | 0   | NA     | NA    | NA    | NA    | NA    |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 LCC</b>  |     |        |       |       |       |       |
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 272 | 4.83   | 4.25  | 4.75  | 4.90  | 5.00  |
| 16 - 35                             | 314 | 4.55   | 4.00  | 4.38  | 4.69  | 4.84  |
| 36 - 99                             | 9   | 4.50   | 4.08  | 4.38  | 4.60  | 4.96  |
| > 99                                | 0   | NA     | NA    | NA    | NA    | NA    |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |

# Descriptive Statistics for Item 10 2011–2016

| <b>Fall 2011 - Spring 2016 LING</b> |      |        |       |       |       |       |
|-------------------------------------|------|--------|-------|-------|-------|-------|
|                                     | N    | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 4    | 4.81   | 4.67  | 4.80  | 4.83  | 5.00  |
| 16 - 35                             | 6    | 4.65   | 4.36  | 4.56  | 4.71  | 4.84  |
| 36 - 99                             | 0    | NA     | NA    | NA    | NA    | NA    |
| > 99                                | 0    | NA     | NA    | NA    | NA    | NA    |
|                                     |      |        |       |       |       |       |
|                                     |      |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 LMC</b>  |      |        |       |       |       |       |
|                                     | N    | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 223  | 4.90   | 4.30  | 4.80  | 5.00  | 5.00  |
| 16 - 35                             | 174  | 4.61   | 4.00  | 4.50  | 4.75  | 4.90  |
| 36 - 99                             | 29   | 4.00   | 3.50  | 3.75  | 4.31  | 4.58  |
| > 99                                | 0    | NA     | NA    | NA    | NA    | NA    |
|                                     |      |        |       |       |       |       |
|                                     |      |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 LS</b>   |      |        |       |       |       |       |
|                                     | N    | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 6    | 5.00   | 2.40  | 4.60  | 5.00  | 5.00  |
| 16 - 35                             | 0    | NA     | NA    | NA    | NA    | NA    |
| 36 - 99                             | 0    | NA     | NA    | NA    | NA    | NA    |
| > 99                                | 0    | NA     | NA    | NA    | NA    | NA    |
|                                     |      |        |       |       |       |       |
|                                     |      |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 MATH</b> |      |        |       |       |       |       |
|                                     | N    | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 516  | 4.50   | 3.83  | 4.25  | 4.75  | 5.00  |
| 16 - 35                             | 1368 | 4.00   | 3.17  | 3.83  | 4.25  | 4.68  |
| 36 - 99                             | 349  | 4.00   | 3.30  | 3.83  | 4.17  | 4.57  |
| > 99                                | 6    | 4.14   | 1.74  | 3.61  | 4.25  | 4.31  |
|                                     |      |        |       |       |       |       |
|                                     |      |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 ME</b>   |      |        |       |       |       |       |
|                                     | N    | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 1120 | 4.00   | 3.42  | 4.00  | 4.25  | 4.75  |
| 16 - 35                             | 702  | 4.50   | 4.00  | 4.33  | 4.61  | 4.80  |
| 36 - 99                             | 395  | 4.36   | 3.89  | 4.20  | 4.53  | 4.72  |
| > 99                                | 2    | 4.02   | 3.79  | 3.88  | 4.16  | 4.25  |
|                                     |      |        |       |       |       |       |
|                                     |      |        |       |       |       |       |

# Descriptive Statistics for Item 10 2011–2016

| <b>Fall 2011 - Spring 2016 MGT</b> |     |        |       |       |       |       |
|------------------------------------|-----|--------|-------|-------|-------|-------|
|                                    | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                               | 860 | 4.86   | 4.00  | 4.75  | 5.00  | 5.00  |
| 16 - 35                            | 576 | 4.72   | 4.25  | 4.62  | 4.80  | 4.90  |
| 36 - 99                            | 889 | 4.60   | 4.05  | 4.46  | 4.70  | 4.84  |
| > 99                               | 0   | NA     | NA    | NA    | NA    | NA    |
|                                    |     |        |       |       |       |       |
|                                    |     |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 ML</b>  |     |        |       |       |       |       |
|                                    | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                               | 3   | 5.00   | 5.00  | 5.00  | 5.00  | 5.00  |
| 16 - 35                            | 1   | 4.80   | 4.80  | 4.80  | 4.80  | 4.80  |
| 36 - 99                            | 0   | NA     | NA    | NA    | NA    | NA    |
| > 99                               | 0   | NA     | NA    | NA    | NA    | NA    |
|                                    |     |        |       |       |       |       |
|                                    |     |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 MOT</b> |     |        |       |       |       |       |
|                                    | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                               | 0   | NA     | NA    | NA    | NA    | NA    |
| 16 - 35                            | 0   | NA     | NA    | NA    | NA    | NA    |
| 36 - 99                            | 68  | 4.70   | 4.11  | 4.58  | 4.78  | 4.88  |
| > 99                               | 0   | NA     | NA    | NA    | NA    | NA    |
|                                    |     |        |       |       |       |       |
|                                    |     |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 MP</b>  |     |        |       |       |       |       |
|                                    | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                               | 84  | 4.75   | 4.00  | 4.50  | 4.83  | 5.00  |
| 16 - 35                            | 0   | NA     | NA    | NA    | NA    | NA    |
| 36 - 99                            | 0   | NA     | NA    | NA    | NA    | NA    |
| > 99                               | 0   | NA     | NA    | NA    | NA    | NA    |
|                                    |     |        |       |       |       |       |
|                                    |     |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 MS</b>  |     |        |       |       |       |       |
|                                    | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                               | 0   | NA     | NA    | NA    | NA    | NA    |
| 16 - 35                            | 0   | NA     | NA    | NA    | NA    | NA    |
| 36 - 99                            | 0   | NA     | NA    | NA    | NA    | NA    |
| > 99                               | 0   | NA     | NA    | NA    | NA    | NA    |
|                                    |     |        |       |       |       |       |
|                                    |     |        |       |       |       |       |

# Descriptive Statistics for Item 10 2011–2016

| <b>Fall 2011 - Spring 2016 MSE</b>  |     |        |       |       |       |       |
|-------------------------------------|-----|--------|-------|-------|-------|-------|
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 349 | 4.12   | 3.50  | 4.00  | 4.50  | 5.00  |
| 16 - 35                             | 204 | 4.33   | 3.75  | 4.13  | 4.50  | 4.75  |
| 36 - 99                             | 154 | 4.20   | 3.60  | 4.00  | 4.38  | 4.61  |
| > 99                                | 26  | 4.21   | 3.81  | 4.18  | 4.32  | 4.61  |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 MSL</b>  |     |        |       |       |       |       |
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 37  | 5.00   | 4.86  | 5.00  | 5.00  | 5.00  |
| 16 - 35                             | 11  | 5.00   | 4.36  | 4.92  | 5.00  | 5.00  |
| 36 - 99                             | 0   | NA     | NA    | NA    | NA    | NA    |
| > 99                                | 0   | NA     | NA    | NA    | NA    | NA    |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 MUSI</b> |     |        |       |       |       |       |
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 370 | 5.00   | 4.75  | 5.00  | 5.00  | 5.00  |
| 16 - 35                             | 128 | 4.93   | 4.73  | 4.90  | 4.96  | 5.00  |
| 36 - 99                             | 88  | 4.98   | 4.86  | 4.97  | 4.98  | 5.00  |
| > 99                                | 16  | 4.96   | 4.94  | 4.96  | 4.96  | 4.99  |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 NRE</b>  |     |        |       |       |       |       |
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 63  | 4.30   | 3.93  | 4.10  | 4.55  | 4.90  |
| 16 - 35                             | 54  | 4.10   | 3.38  | 4.00  | 4.29  | 4.56  |
| 36 - 99                             | 22  | 4.17   | 3.78  | 4.10  | 4.50  | 4.70  |
| > 99                                | 0   | NA     | NA    | NA    | NA    | NA    |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 NS</b>   |     |        |       |       |       |       |
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 28  | 4.75   | 4.50  | 4.65  | 4.89  | 5.00  |
| 16 - 35                             | 18  | 4.93   | 4.32  | 4.87  | 4.96  | 5.00  |
| 36 - 99                             | 0   | NA     | NA    | NA    | NA    | NA    |
| > 99                                | 0   | NA     | NA    | NA    | NA    | NA    |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |

# Descriptive Statistics for Item 10 2011–2016

| <b>Fall 2011 - Spring 2016 PERS</b> |     |        |       |       |       |       |
|-------------------------------------|-----|--------|-------|-------|-------|-------|
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 16  | 4.80   | 4.20  | 4.78  | 4.86  | 5.00  |
| 16 - 35                             | 3   | 4.83   | 3.67  | 4.37  | 4.88  | 4.95  |
| 36 - 99                             | 0   | NA     | NA    | NA    | NA    | NA    |
| > 99                                | 0   | NA     | NA    | NA    | NA    | NA    |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 PHIL</b> |     |        |       |       |       |       |
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 15  | 4.70   | 3.48  | 4.14  | 4.80  | 4.98  |
| 16 - 35                             | 152 | 4.57   | 4.19  | 4.50  | 4.62  | 4.80  |
| 36 - 99                             | 22  | 4.72   | 4.52  | 4.68  | 4.78  | 4.86  |
| > 99                                | 1   | 4.46   | 4.46  | 4.46  | 4.46  | 4.46  |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 PHYS</b> |     |        |       |       |       |       |
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 150 | 4.75   | 4.00  | 4.50  | 4.80  | 5.00  |
| 16 - 35                             | 140 | 4.50   | 3.75  | 4.30  | 4.70  | 4.88  |
| 36 - 99                             | 72  | 4.40   | 3.75  | 4.20  | 4.53  | 4.71  |
| > 99                                | 94  | 4.31   | 4.02  | 4.26  | 4.42  | 4.60  |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 POL</b>  |     |        |       |       |       |       |
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 1   | 4.90   | 4.90  | 4.90  | 4.90  | 4.90  |
| 16 - 35                             | 7   | 4.80   | 4.56  | 4.64  | 4.81  | 4.91  |
| 36 - 99                             | 3   | 3.60   | 3.00  | 3.36  | 3.84  | 4.19  |
| > 99                                | 14  | 3.79   | 2.92  | 3.73  | 3.97  | 4.56  |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 PST</b>  |     |        |       |       |       |       |
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 2   | 4.91   | 4.88  | 4.89  | 4.93  | 4.94  |
| 16 - 35                             | 19  | 4.62   | 4.23  | 4.42  | 4.70  | 4.82  |
| 36 - 99                             | 1   | 4.35   | 4.35  | 4.35  | 4.35  | 4.35  |
| > 99                                | 0   | NA     | NA    | NA    | NA    | NA    |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |

# Descriptive Statistics for Item 10 2011–2016



| <b>Fall 2011 - Spring 2016 PSYC</b> |     |        |       |       |       |       |
|-------------------------------------|-----|--------|-------|-------|-------|-------|
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 206 | 5.00   | 4.15  | 4.80  | 5.00  | 5.00  |
| 16 - 35                             | 122 | 4.67   | 4.00  | 4.50  | 4.80  | 4.90  |
| 36 - 99                             | 95  | 4.52   | 4.04  | 4.37  | 4.67  | 4.83  |
| > 99                                | 60  | 4.54   | 3.96  | 4.38  | 4.69  | 4.80  |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 PTFE</b> |     |        |       |       |       |       |
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 90  | 4.00   | 3.50  | 4.00  | 4.50  | 4.83  |
| 16 - 35                             | 21  | 4.38   | 4.00  | 4.25  | 4.63  | 4.87  |
| 36 - 99                             | 7   | 4.59   | 3.15  | 4.04  | 4.76  | 4.85  |
| > 99                                | 5   | 4.50   | 2.86  | 4.28  | 4.57  | 4.76  |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 PUBP</b> |     |        |       |       |       |       |
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 327 | 4.75   | 4.00  | 4.50  | 4.81  | 5.00  |
| 16 - 35                             | 113 | 4.50   | 3.88  | 4.26  | 4.64  | 4.83  |
| 36 - 99                             | 0   | NA     | NA    | NA    | NA    | NA    |
| > 99                                | 4   | 3.71   | 3.27  | 3.43  | 4.00  | 4.35  |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 RGTE</b> |     |        |       |       |       |       |
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 0   | NA     | NA    | NA    | NA    | NA    |
| 16 - 35                             | 0   | NA     | NA    | NA    | NA    | NA    |
| 36 - 99                             | 0   | NA     | NA    | NA    | NA    | NA    |
| > 99                                | 0   | NA     | NA    | NA    | NA    | NA    |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 RGTR</b> |     |        |       |       |       |       |
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 0   | NA     | NA    | NA    | NA    | NA    |
| 16 - 35                             | 0   | NA     | NA    | NA    | NA    | NA    |
| 36 - 99                             | 0   | NA     | NA    | NA    | NA    | NA    |
| > 99                                | 0   | NA     | NA    | NA    | NA    | NA    |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |



# Descriptive Statistics for Item 10 2011–2016



| <b>Fall 2011 - Spring 2016 RUSS</b> |     |        |       |       |       |       |
|-------------------------------------|-----|--------|-------|-------|-------|-------|
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 88  | 5.00   | 4.75  | 4.93  | 5.00  | 5.00  |
| 16 - 35                             | 11  | 4.97   | 4.84  | 4.93  | 4.98  | 5.00  |
| 36 - 99                             | 0   | NA     | NA    | NA    | NA    | NA    |
| > 99                                | 0   | NA     | NA    | NA    | NA    | NA    |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 SOC</b>  |     |        |       |       |       |       |
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 0   | NA     | NA    | NA    | NA    | NA    |
| 16 - 35                             | 0   | NA     | NA    | NA    | NA    | NA    |
| 36 - 99                             | 0   | NA     | NA    | NA    | NA    | NA    |
| > 99                                | 10  | 4.64   | 3.90  | 4.56  | 4.69  | 4.82  |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 SPAN</b> |     |        |       |       |       |       |
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 78  | 4.82   | 4.23  | 4.75  | 4.90  | 5.00  |
| 16 - 35                             | 164 | 4.79   | 4.40  | 4.70  | 4.83  | 4.92  |
| 36 - 99                             | 1   | 4.86   | 4.86  | 4.86  | 4.86  | 4.86  |
| > 99                                | 5   | 4.67   | 4.60  | 4.63  | 4.81  | 4.92  |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 TFE</b>  |     |        |       |       |       |       |
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 0   | NA     | NA    | NA    | NA    | NA    |
| 16 - 35                             | 0   | NA     | NA    | NA    | NA    | NA    |
| 36 - 99                             | 0   | NA     | NA    | NA    | NA    | NA    |
| > 99                                | 0   | NA     | NA    | NA    | NA    | NA    |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 ECEP</b> |     |        |       |       |       |       |
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 0   | NA     | NA    | NA    | NA    | NA    |
| 16 - 35                             | 2   | 4.91   | 4.90  | 4.90  | 4.92  | 4.92  |
| 36 - 99                             | 0   | NA     | NA    | NA    | NA    | NA    |
| > 99                                | 0   | NA     | NA    | NA    | NA    | NA    |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |

# Descriptive Statistics for Item 10 2011–2016



| <b>Fall 2011 - Spring 2016 IAC</b>  |     |        |       |       |       |       |
|-------------------------------------|-----|--------|-------|-------|-------|-------|
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 1   | 5.00   | 5.00  | 5.00  | 5.00  | 5.00  |
| 16 - 35                             | 1   | 5.00   | 5.00  | 5.00  | 5.00  | 5.00  |
| 36 - 99                             | 0   | NA     | NA    | NA    | NA    | NA    |
| > 99                                | 0   | NA     | NA    | NA    | NA    | NA    |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 ACCT</b> |     |        |       |       |       |       |
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 1   | 4.95   | 4.95  | 4.95  | 4.95  | 4.95  |
| 16 - 35                             | 12  | 4.60   | 3.73  | 4.52  | 4.68  | 4.88  |
| 36 - 99                             | 67  | 4.65   | 4.32  | 4.57  | 4.70  | 4.79  |
| > 99                                | 0   | NA     | NA    | NA    | NA    | NA    |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 AE</b>   |     |        |       |       |       |       |
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 498 | 4.50   | 4.00  | 4.25  | 4.75  | 5.00  |
| 16 - 35                             | 228 | 4.30   | 3.78  | 4.13  | 4.50  | 4.70  |
| 36 - 99                             | 275 | 4.29   | 3.60  | 4.11  | 4.48  | 4.71  |
| > 99                                | 5   | 4.00   | 3.82  | 3.93  | 4.38  | 4.74  |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 APPH</b> |     |        |       |       |       |       |
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 169 | 4.62   | 4.00  | 4.50  | 4.80  | 5.00  |
| 16 - 35                             | 69  | 4.25   | 3.75  | 4.00  | 4.50  | 4.63  |
| 36 - 99                             | 12  | 4.15   | 3.18  | 3.92  | 4.21  | 4.86  |
| > 99                                | 29  | 4.10   | 3.90  | 4.00  | 4.20  | 4.68  |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 ARBC</b> |     |        |       |       |       |       |
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 29  | 4.90   | 4.50  | 4.88  | 5.00  | 5.00  |
| 16 - 35                             | 19  | 4.70   | 4.30  | 4.70  | 4.85  | 4.94  |
| 36 - 99                             | 0   | NA     | NA    | NA    | NA    | NA    |
| > 99                                | 0   | NA     | NA    | NA    | NA    | NA    |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |

# Descriptive Statistics for Item 10 2011–2016

| <b>Fall 2011 - Spring 2016 ARCH</b> |     |        |       |       |       |       |
|-------------------------------------|-----|--------|-------|-------|-------|-------|
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 701 | 4.80   | 4.00  | 4.70  | 4.90  | 5.00  |
| 16 - 35                             | 103 | 4.63   | 4.12  | 4.40  | 4.73  | 4.88  |
| 36 - 99                             | 70  | 4.59   | 4.13  | 4.40  | 4.68  | 4.77  |
| > 99                                | 0   | NA     | NA    | NA    | NA    | NA    |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 AS</b>   |     |        |       |       |       |       |
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 36  | 4.90   | 4.50  | 4.82  | 4.94  | 5.00  |
| 16 - 35                             | 64  | 4.88   | 4.50  | 4.80  | 5.00  | 5.00  |
| 36 - 99                             | 5   | 4.57   | 4.50  | 4.53  | 4.65  | 4.78  |
| > 99                                | 0   | NA     | NA    | NA    | NA    | NA    |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 ASE</b>  |     |        |       |       |       |       |
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 25  | 4.90   | 4.02  | 4.60  | 5.00  | 5.00  |
| 16 - 35                             | 47  | 4.70   | 4.25  | 4.64  | 4.79  | 5.00  |
| 36 - 99                             | 0   | NA     | NA    | NA    | NA    | NA    |
| > 99                                | 0   | NA     | NA    | NA    | NA    | NA    |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 BC</b>   |     |        |       |       |       |       |
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 142 | 4.80   | 4.20  | 4.75  | 4.83  | 5.00  |
| 16 - 35                             | 95  | 4.70   | 4.08  | 4.57  | 4.80  | 4.92  |
| 36 - 99                             | 21  | 4.92   | 4.24  | 4.91  | 4.94  | 4.98  |
| > 99                                | 0   | NA     | NA    | NA    | NA    | NA    |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 BIOL</b> |     |        |       |       |       |       |
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 377 | 4.75   | 4.17  | 4.60  | 4.83  | 5.00  |
| 16 - 35                             | 185 | 4.54   | 4.06  | 4.38  | 4.65  | 4.80  |
| 36 - 99                             | 93  | 4.15   | 3.83  | 4.05  | 4.29  | 4.53  |
| > 99                                | 52  | 3.99   | 3.61  | 3.91  | 4.04  | 4.16  |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |

# Descriptive Statistics for Item 10 2011–2016

| <b>Fall 2011 - Spring 2016 BMED</b> |     |        |       |       |       |       |
|-------------------------------------|-----|--------|-------|-------|-------|-------|
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 271 | 4.40   | 3.77  | 4.00  | 4.60  | 4.89  |
| 16 - 35                             | 408 | 4.00   | 3.25  | 3.80  | 4.10  | 4.60  |
| 36 - 99                             | 201 | 4.19   | 3.58  | 4.08  | 4.30  | 4.75  |
| > 99                                | 9   | 3.81   | 3.56  | 3.64  | 3.86  | 3.90  |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 BMEM</b> |     |        |       |       |       |       |
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 0   | NA     | NA    | NA    | NA    | NA    |
| 16 - 35                             | 0   | NA     | NA    | NA    | NA    | NA    |
| 36 - 99                             | 0   | NA     | NA    | NA    | NA    | NA    |
| > 99                                | 0   | NA     | NA    | NA    | NA    | NA    |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 CEE</b>  |     |        |       |       |       |       |
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 564 | 4.70   | 4.00  | 4.60  | 4.80  | 5.00  |
| 16 - 35                             | 346 | 4.58   | 4.10  | 4.40  | 4.70  | 4.85  |
| 36 - 99                             | 264 | 4.50   | 4.00  | 4.31  | 4.60  | 4.80  |
| > 99                                | 0   | NA     | NA    | NA    | NA    | NA    |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 CETL</b> |     |        |       |       |       |       |
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 199 | 4.92   | 4.67  | 4.88  | 5.00  | 5.00  |
| 16 - 35                             | 105 | 4.70   | 4.33  | 4.59  | 4.77  | 4.88  |
| 36 - 99                             | 28  | 4.80   | 4.52  | 4.74  | 4.84  | 4.90  |
| > 99                                | 0   | NA     | NA    | NA    | NA    | NA    |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 CHBE</b> |     |        |       |       |       |       |
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 235 | 4.50   | 4.00  | 4.50  | 4.75  | 5.00  |
| 16 - 35                             | 177 | 4.50   | 4.00  | 4.33  | 4.58  | 4.80  |
| 36 - 99                             | 236 | 4.21   | 3.69  | 4.06  | 4.40  | 4.70  |
| > 99                                | 16  | 4.21   | 3.13  | 4.00  | 4.38  | 4.56  |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |

# Descriptive Statistics for Item 10 2011–2016

| <b>Fall 2011 - Spring 2016 CHE</b>  |     |        |       |       |       |       |
|-------------------------------------|-----|--------|-------|-------|-------|-------|
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 0   | NA     | NA    | NA    | NA    | NA    |
| 16 - 35                             | 0   | NA     | NA    | NA    | NA    | NA    |
| 36 - 99                             | 0   | NA     | NA    | NA    | NA    | NA    |
| > 99                                | 0   | NA     | NA    | NA    | NA    | NA    |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 CHEM</b> |     |        |       |       |       |       |
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 472 | 4.50   | 4.00  | 4.26  | 4.75  | 5.00  |
| 16 - 35                             | 649 | 4.30   | 3.67  | 4.10  | 4.50  | 4.75  |
| 36 - 99                             | 94  | 4.10   | 3.80  | 4.00  | 4.33  | 4.60  |
| > 99                                | 154 | 4.22   | 3.62  | 4.09  | 4.40  | 4.70  |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 CHIN</b> |     |        |       |       |       |       |
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 130 | 4.80   | 4.50  | 4.70  | 4.86  | 5.00  |
| 16 - 35                             | 68  | 4.70   | 4.50  | 4.62  | 4.82  | 4.93  |
| 36 - 99                             | 0   | NA     | NA    | NA    | NA    | NA    |
| > 99                                | 0   | NA     | NA    | NA    | NA    | NA    |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 COA</b>  |     |        |       |       |       |       |
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 157 | 4.75   | 4.06  | 4.60  | 4.81  | 5.00  |
| 16 - 35                             | 25  | 4.60   | 3.94  | 4.38  | 4.70  | 4.90  |
| 36 - 99                             | 13  | 3.83   | 3.50  | 3.82  | 4.08  | 4.85  |
| > 99                                | 12  | 4.23   | 3.68  | 4.01  | 4.33  | 4.52  |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 COE</b>  |     |        |       |       |       |       |
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 20  | 4.35   | 3.15  | 4.21  | 4.58  | 4.85  |
| 16 - 35                             | 36  | 4.17   | 3.74  | 4.13  | 4.34  | 4.88  |
| 36 - 99                             | 212 | 4.35   | 3.85  | 4.20  | 4.55  | 4.74  |
| > 99                                | 2   | 4.61   | 4.50  | 4.54  | 4.68  | 4.72  |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |

# Descriptive Statistics for Item 10 2011–2016

| <b>Fall 2011 - Spring 2016 COOP</b> |     |        |       |       |       |       |
|-------------------------------------|-----|--------|-------|-------|-------|-------|
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 0   | NA     | NA    | NA    | NA    | NA    |
| 16 - 35                             | 0   | NA     | NA    | NA    | NA    | NA    |
| 36 - 99                             | 5   | 4.50   | 4.27  | 4.40  | 4.50  | 4.60  |
| > 99                                | 2   | 4.75   | 4.50  | 4.60  | 4.90  | 5.00  |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 COS</b>  |     |        |       |       |       |       |
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 0   | NA     | NA    | NA    | NA    | NA    |
| 16 - 35                             | 2   | 4.89   | 4.88  | 4.88  | 4.90  | 4.90  |
| 36 - 99                             | 0   | NA     | NA    | NA    | NA    | NA    |
| > 99                                | 0   | NA     | NA    | NA    | NA    | NA    |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 CP</b>   |     |        |       |       |       |       |
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 191 | 4.63   | 4.00  | 4.50  | 4.75  | 4.90  |
| 16 - 35                             | 75  | 4.40   | 3.78  | 4.29  | 4.62  | 4.80  |
| 36 - 99                             | 33  | 4.50   | 3.78  | 4.15  | 4.61  | 4.73  |
| > 99                                | 0   | NA     | NA    | NA    | NA    | NA    |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 CS</b>   |     |        |       |       |       |       |
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 568 | 4.70   | 4.00  | 4.50  | 4.80  | 5.00  |
| 16 - 35                             | 684 | 4.60   | 4.12  | 4.50  | 4.70  | 4.80  |
| 36 - 99                             | 866 | 4.30   | 3.70  | 4.18  | 4.47  | 4.69  |
| > 99                                | 86  | 4.51   | 4.01  | 4.43  | 4.62  | 4.77  |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 CSE</b>  |     |        |       |       |       |       |
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 89  | 4.60   | 4.00  | 4.50  | 4.75  | 5.00  |
| 16 - 35                             | 25  | 4.60   | 4.21  | 4.57  | 4.71  | 4.80  |
| 36 - 99                             | 30  | 4.33   | 4.06  | 4.24  | 4.50  | 4.76  |
| > 99                                | 3   | 4.29   | 4.06  | 4.20  | 4.37  | 4.48  |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |

# Descriptive Statistics for Item 10 2011–2016

| <b>Fall 2011 - Spring 2016 CX</b>   |      |        |       |       |       |       |
|-------------------------------------|------|--------|-------|-------|-------|-------|
|                                     | N    | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 13   | 4.67   | 3.56  | 4.50  | 4.75  | 5.00  |
| 16 - 35                             | 14   | 4.50   | 4.00  | 4.20  | 4.50  | 4.70  |
| 36 - 99                             | 2    | 3.71   | 3.60  | 3.65  | 3.78  | 3.83  |
| > 99                                | 0    | NA     | NA    | NA    | NA    | NA    |
|                                     |      |        |       |       |       |       |
|                                     |      |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 DOPP</b> |      |        |       |       |       |       |
|                                     | N    | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 9    | 4.80   | 4.00  | 4.75  | 4.88  | 5.00  |
| 16 - 35                             | 1    | 4.60   | 4.60  | 4.60  | 4.60  | 4.60  |
| 36 - 99                             | 0    | NA     | NA    | NA    | NA    | NA    |
| > 99                                | 0    | NA     | NA    | NA    | NA    | NA    |
|                                     |      |        |       |       |       |       |
|                                     |      |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 EAS</b>  |      |        |       |       |       |       |
|                                     | N    | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 345  | 4.75   | 4.25  | 4.67  | 4.88  | 5.00  |
| 16 - 35                             | 363  | 4.17   | 3.50  | 4.00  | 4.50  | 4.75  |
| 36 - 99                             | 2    | 4.21   | 3.85  | 3.99  | 4.42  | 4.56  |
| > 99                                | 35   | 3.90   | 3.19  | 3.45  | 4.08  | 4.40  |
|                                     |      |        |       |       |       |       |
|                                     |      |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 ECE</b>  |      |        |       |       |       |       |
|                                     | N    | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 1092 | 4.50   | 3.82  | 4.25  | 4.75  | 5.00  |
| 16 - 35                             | 1005 | 4.33   | 3.70  | 4.10  | 4.50  | 4.80  |
| 36 - 99                             | 684  | 4.31   | 3.80  | 4.18  | 4.53  | 4.78  |
| > 99                                | 84   | 4.12   | 3.70  | 4.00  | 4.23  | 4.64  |
|                                     |      |        |       |       |       |       |
|                                     |      |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 ECON</b> |      |        |       |       |       |       |
|                                     | N    | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 175  | 4.70   | 4.00  | 4.50  | 4.80  | 5.00  |
| 16 - 35                             | 84   | 4.38   | 3.90  | 4.21  | 4.50  | 4.70  |
| 36 - 99                             | 64   | 4.27   | 3.80  | 4.14  | 4.40  | 4.62  |
| > 99                                | 49   | 3.87   | 3.56  | 3.81  | 3.90  | 4.13  |
|                                     |      |        |       |       |       |       |
|                                     |      |        |       |       |       |       |

# Descriptive Statistics for Item 10 2011–2016



| <b>Fall 2011 - Spring 2016 ENGL</b> |     |        |       |       |       |       |
|-------------------------------------|-----|--------|-------|-------|-------|-------|
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 45  | 4.50   | 4.02  | 4.50  | 4.69  | 4.90  |
| 16 - 35                             | 802 | 4.67   | 4.17  | 4.56  | 4.75  | 4.88  |
| 36 - 99                             | 0   | NA     | NA    | NA    | NA    | NA    |
| > 99                                | 0   | NA     | NA    | NA    | NA    | NA    |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 FREN</b> |     |        |       |       |       |       |
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 93  | 4.88   | 4.50  | 4.80  | 4.91  | 5.00  |
| 16 - 35                             | 154 | 4.88   | 4.60  | 4.81  | 4.90  | 4.97  |
| 36 - 99                             | 0   | NA     | NA    | NA    | NA    | NA    |
| > 99                                | 0   | NA     | NA    | NA    | NA    | NA    |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 GRMN</b> |     |        |       |       |       |       |
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 71  | 4.90   | 4.75  | 4.88  | 4.94  | 5.00  |
| 16 - 35                             | 100 | 4.87   | 4.73  | 4.82  | 4.90  | 4.94  |
| 36 - 99                             | 0   | NA     | NA    | NA    | NA    | NA    |
| > 99                                | 0   | NA     | NA    | NA    | NA    | NA    |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 GT</b>   |     |        |       |       |       |       |
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 348 | 4.88   | 4.38  | 4.75  | 5.00  | 5.00  |
| 16 - 35                             | 448 | 4.79   | 4.25  | 4.70  | 4.83  | 4.93  |
| 36 - 99                             | 37  | 4.50   | 4.13  | 4.40  | 4.65  | 4.84  |
| > 99                                | 5   | 4.59   | 4.15  | 4.45  | 4.73  | 4.92  |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 HIST</b> |     |        |       |       |       |       |
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 0   | NA     | NA    | NA    | NA    | NA    |
| 16 - 35                             | 0   | NA     | NA    | NA    | NA    | NA    |
| 36 - 99                             | 5   | 4.60   | 4.33  | 4.44  | 4.65  | 4.78  |
| > 99                                | 29  | 4.64   | 4.10  | 4.48  | 4.81  | 4.89  |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |



# Descriptive Statistics for Item 10 2011–2016

| <b>Fall 2011 - Spring 2016 HP</b>  |     |        |       |       |       |       |
|------------------------------------|-----|--------|-------|-------|-------|-------|
|                                    | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                               | 0   | NA     | NA    | NA    | NA    | NA    |
| 16 - 35                            | 0   | NA     | NA    | NA    | NA    | NA    |
| 36 - 99                            | 0   | NA     | NA    | NA    | NA    | NA    |
| > 99                               | 0   | NA     | NA    | NA    | NA    | NA    |
|                                    |     |        |       |       |       |       |
|                                    |     |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 HPS</b> |     |        |       |       |       |       |
|                                    | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                               | 1   | 4.80   | 4.80  | 4.80  | 4.80  | 4.80  |
| 16 - 35                            | 0   | NA     | NA    | NA    | NA    | NA    |
| 36 - 99                            | 0   | NA     | NA    | NA    | NA    | NA    |
| > 99                               | 24  | 4.08   | 3.63  | 4.03  | 4.10  | 4.23  |
|                                    |     |        |       |       |       |       |
|                                    |     |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 HS</b>  |     |        |       |       |       |       |
|                                    | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                               | 12  | 4.86   | 4.50  | 4.83  | 4.90  | 4.94  |
| 16 - 35                            | 1   | 2.00   | 2.00  | 2.00  | 2.00  | 2.00  |
| 36 - 99                            | 0   | NA     | NA    | NA    | NA    | NA    |
| > 99                               | 0   | NA     | NA    | NA    | NA    | NA    |
|                                    |     |        |       |       |       |       |
|                                    |     |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 HTS</b> |     |        |       |       |       |       |
|                                    | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                               | 131 | 4.83   | 4.50  | 4.80  | 4.92  | 5.00  |
| 16 - 35                            | 149 | 4.68   | 4.20  | 4.54  | 4.74  | 4.86  |
| 36 - 99                            | 33  | 4.77   | 4.42  | 4.72  | 4.81  | 4.91  |
| > 99                               | 0   | NA     | NA    | NA    | NA    | NA    |
|                                    |     |        |       |       |       |       |
|                                    |     |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 ID</b>  |     |        |       |       |       |       |
|                                    | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                               | 287 | 4.50   | 4.00  | 4.31  | 4.75  | 5.00  |
| 16 - 35                            | 111 | 4.50   | 3.90  | 4.33  | 4.63  | 4.86  |
| 36 - 99                            | 16  | 4.13   | 3.32  | 4.02  | 4.55  | 4.80  |
| > 99                               | 10  | 4.35   | 3.93  | 4.13  | 4.41  | 4.53  |
|                                    |     |        |       |       |       |       |
|                                    |     |        |       |       |       |       |

# Descriptive Statistics for Item 10 2011–2016



| <b>Fall 2011 - Spring 2016 IL</b>   |     |        |       |       |       |       |
|-------------------------------------|-----|--------|-------|-------|-------|-------|
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 23  | 5.00   | 5.00  | 5.00  | 5.00  | 5.00  |
| 16 - 35                             | 10  | 5.00   | 5.00  | 5.00  | 5.00  | 5.00  |
| 36 - 99                             | 0   | NA     | NA    | NA    | NA    | NA    |
| > 99                                | 0   | NA     | NA    | NA    | NA    | NA    |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 IMBA</b> |     |        |       |       |       |       |
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 0   | NA     | NA    | NA    | NA    | NA    |
| 16 - 35                             | 36  | 4.70   | 4.11  | 4.50  | 4.76  | 4.90  |
| 36 - 99                             | 96  | 4.59   | 3.88  | 4.41  | 4.73  | 4.87  |
| > 99                                | 0   | NA     | NA    | NA    | NA    | NA    |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 INTA</b> |     |        |       |       |       |       |
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 290 | 4.88   | 4.25  | 4.80  | 4.95  | 5.00  |
| 16 - 35                             | 107 | 4.71   | 4.23  | 4.58  | 4.75  | 4.89  |
| 36 - 99                             | 59  | 4.44   | 4.00  | 4.36  | 4.64  | 4.77  |
| > 99                                | 31  | 4.50   | 3.95  | 4.18  | 4.61  | 4.71  |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 INTN</b> |     |        |       |       |       |       |
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 0   | NA     | NA    | NA    | NA    | NA    |
| 16 - 35                             | 0   | NA     | NA    | NA    | NA    | NA    |
| 36 - 99                             | 1   | 4.50   | 4.50  | 4.50  | 4.50  | 4.50  |
| > 99                                | 1   | 5.00   | 5.00  | 5.00  | 5.00  | 5.00  |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 IPFS</b> |     |        |       |       |       |       |
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 0   | NA     | NA    | NA    | NA    | NA    |
| 16 - 35                             | 1   | 4.00   | 4.00  | 4.00  | 4.00  | 4.00  |
| 36 - 99                             | 0   | NA     | NA    | NA    | NA    | NA    |
| > 99                                | 0   | NA     | NA    | NA    | NA    | NA    |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |

# Descriptive Statistics for Item 10 2011–2016

| <b>Fall 2011 - Spring 2016 IPIN</b> |     |        |       |       |       |       |
|-------------------------------------|-----|--------|-------|-------|-------|-------|
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 1   | 5.00   | 5.00  | 5.00  | 5.00  | 5.00  |
| 16 - 35                             | 0   | NA     | NA    | NA    | NA    | NA    |
| 36 - 99                             | 0   | NA     | NA    | NA    | NA    | NA    |
| > 99                                | 0   | NA     | NA    | NA    | NA    | NA    |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 IPSA</b> |     |        |       |       |       |       |
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 0   | NA     | NA    | NA    | NA    | NA    |
| 16 - 35                             | 0   | NA     | NA    | NA    | NA    | NA    |
| 36 - 99                             | 0   | NA     | NA    | NA    | NA    | NA    |
| > 99                                | 0   | NA     | NA    | NA    | NA    | NA    |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 ISYE</b> |     |        |       |       |       |       |
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 365 | 4.67   | 3.81  | 4.50  | 4.75  | 5.00  |
| 16 - 35                             | 296 | 4.50   | 3.72  | 4.30  | 4.64  | 4.80  |
| 36 - 99                             | 454 | 4.38   | 3.78  | 4.18  | 4.50  | 4.75  |
| > 99                                | 31  | 4.15   | 3.11  | 3.82  | 4.31  | 4.72  |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 JAPN</b> |     |        |       |       |       |       |
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 171 | 4.90   | 4.70  | 4.85  | 4.92  | 5.00  |
| 16 - 35                             | 131 | 4.85   | 4.73  | 4.82  | 4.88  | 4.93  |
| 36 - 99                             | 0   | NA     | NA    | NA    | NA    | NA    |
| > 99                                | 0   | NA     | NA    | NA    | NA    | NA    |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 KOR</b>  |     |        |       |       |       |       |
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 21  | 4.80   | 4.40  | 4.72  | 4.84  | 5.00  |
| 16 - 35                             | 87  | 4.86   | 4.72  | 4.83  | 4.90  | 4.97  |
| 36 - 99                             | 0   | NA     | NA    | NA    | NA    | NA    |
| > 99                                | 0   | NA     | NA    | NA    | NA    | NA    |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |

# Descriptive Statistics for Item 10 2011–2016

| <b>Fall 2011 - Spring 2016 LCC</b>  |      |        |       |       |       |       |
|-------------------------------------|------|--------|-------|-------|-------|-------|
|                                     | N    | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 272  | 4.83   | 4.25  | 4.75  | 4.90  | 5.00  |
| 16 - 35                             | 314  | 4.55   | 4.00  | 4.38  | 4.69  | 4.84  |
| 36 - 99                             | 9    | 4.50   | 4.08  | 4.38  | 4.60  | 4.96  |
| > 99                                | 0    | NA     | NA    | NA    | NA    | NA    |
|                                     |      |        |       |       |       |       |
|                                     |      |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 LING</b> |      |        |       |       |       |       |
|                                     | N    | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 4    | 4.81   | 4.67  | 4.80  | 4.83  | 5.00  |
| 16 - 35                             | 6    | 4.65   | 4.36  | 4.56  | 4.71  | 4.84  |
| 36 - 99                             | 0    | NA     | NA    | NA    | NA    | NA    |
| > 99                                | 0    | NA     | NA    | NA    | NA    | NA    |
|                                     |      |        |       |       |       |       |
|                                     |      |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 LMC</b>  |      |        |       |       |       |       |
|                                     | N    | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 223  | 4.90   | 4.30  | 4.80  | 5.00  | 5.00  |
| 16 - 35                             | 174  | 4.61   | 4.00  | 4.50  | 4.75  | 4.90  |
| 36 - 99                             | 29   | 4.00   | 3.50  | 3.75  | 4.31  | 4.58  |
| > 99                                | 0    | NA     | NA    | NA    | NA    | NA    |
|                                     |      |        |       |       |       |       |
|                                     |      |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 LS</b>   |      |        |       |       |       |       |
|                                     | N    | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 6    | 5.00   | 2.40  | 4.60  | 5.00  | 5.00  |
| 16 - 35                             | 0    | NA     | NA    | NA    | NA    | NA    |
| 36 - 99                             | 0    | NA     | NA    | NA    | NA    | NA    |
| > 99                                | 0    | NA     | NA    | NA    | NA    | NA    |
|                                     |      |        |       |       |       |       |
|                                     |      |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 MATH</b> |      |        |       |       |       |       |
|                                     | N    | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 516  | 4.50   | 3.83  | 4.25  | 4.75  | 5.00  |
| 16 - 35                             | 1368 | 4.00   | 3.17  | 3.83  | 4.25  | 4.68  |
| 36 - 99                             | 349  | 4.00   | 3.30  | 3.83  | 4.17  | 4.57  |
| > 99                                | 6    | 4.14   | 1.74  | 3.61  | 4.25  | 4.31  |
|                                     |      |        |       |       |       |       |
|                                     |      |        |       |       |       |       |

# Descriptive Statistics for Item 10 2011–2016

| <b>Fall 2011 - Spring 2016 ME</b>  |      |        |       |       |       |       |
|------------------------------------|------|--------|-------|-------|-------|-------|
|                                    | N    | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                               | 1120 | 4.00   | 3.42  | 4.00  | 4.25  | 4.75  |
| 16 - 35                            | 702  | 4.50   | 4.00  | 4.33  | 4.61  | 4.80  |
| 36 - 99                            | 395  | 4.36   | 3.89  | 4.20  | 4.53  | 4.72  |
| > 99                               | 2    | 4.02   | 3.79  | 3.88  | 4.16  | 4.25  |
|                                    |      |        |       |       |       |       |
|                                    |      |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 MGT</b> |      |        |       |       |       |       |
|                                    | N    | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                               | 860  | 4.86   | 4.00  | 4.75  | 5.00  | 5.00  |
| 16 - 35                            | 576  | 4.72   | 4.25  | 4.62  | 4.80  | 4.90  |
| 36 - 99                            | 889  | 4.60   | 4.05  | 4.46  | 4.70  | 4.84  |
| > 99                               | 0    | NA     | NA    | NA    | NA    | NA    |
|                                    |      |        |       |       |       |       |
|                                    |      |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 ML</b>  |      |        |       |       |       |       |
|                                    | N    | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                               | 3    | 5.00   | 5.00  | 5.00  | 5.00  | 5.00  |
| 16 - 35                            | 1    | 4.80   | 4.80  | 4.80  | 4.80  | 4.80  |
| 36 - 99                            | 0    | NA     | NA    | NA    | NA    | NA    |
| > 99                               | 0    | NA     | NA    | NA    | NA    | NA    |
|                                    |      |        |       |       |       |       |
|                                    |      |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 MOT</b> |      |        |       |       |       |       |
|                                    | N    | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                               | 0    | NA     | NA    | NA    | NA    | NA    |
| 16 - 35                            | 0    | NA     | NA    | NA    | NA    | NA    |
| 36 - 99                            | 68   | 4.70   | 4.11  | 4.58  | 4.78  | 4.88  |
| > 99                               | 0    | NA     | NA    | NA    | NA    | NA    |
|                                    |      |        |       |       |       |       |
|                                    |      |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 MP</b>  |      |        |       |       |       |       |
|                                    | N    | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                               | 84   | 4.75   | 4.00  | 4.50  | 4.83  | 5.00  |
| 16 - 35                            | 0    | NA     | NA    | NA    | NA    | NA    |
| 36 - 99                            | 0    | NA     | NA    | NA    | NA    | NA    |
| > 99                               | 0    | NA     | NA    | NA    | NA    | NA    |
|                                    |      |        |       |       |       |       |
|                                    |      |        |       |       |       |       |

# Descriptive Statistics for Item 10 2011–2016



| <b>Fall 2011 - Spring 2016 MS</b>   |     |        |       |       |       |       |
|-------------------------------------|-----|--------|-------|-------|-------|-------|
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 0   | NA     | NA    | NA    | NA    | NA    |
| 16 - 35                             | 0   | NA     | NA    | NA    | NA    | NA    |
| 36 - 99                             | 0   | NA     | NA    | NA    | NA    | NA    |
| > 99                                | 0   | NA     | NA    | NA    | NA    | NA    |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 MSE</b>  |     |        |       |       |       |       |
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 349 | 4.12   | 3.50  | 4.00  | 4.50  | 5.00  |
| 16 - 35                             | 204 | 4.33   | 3.75  | 4.13  | 4.50  | 4.75  |
| 36 - 99                             | 154 | 4.20   | 3.60  | 4.00  | 4.38  | 4.61  |
| > 99                                | 26  | 4.21   | 3.81  | 4.18  | 4.32  | 4.61  |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 MSL</b>  |     |        |       |       |       |       |
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 37  | 5.00   | 4.86  | 5.00  | 5.00  | 5.00  |
| 16 - 35                             | 11  | 5.00   | 4.36  | 4.92  | 5.00  | 5.00  |
| 36 - 99                             | 0   | NA     | NA    | NA    | NA    | NA    |
| > 99                                | 0   | NA     | NA    | NA    | NA    | NA    |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 MUSI</b> |     |        |       |       |       |       |
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 370 | 5.00   | 4.75  | 5.00  | 5.00  | 5.00  |
| 16 - 35                             | 128 | 4.93   | 4.73  | 4.90  | 4.96  | 5.00  |
| 36 - 99                             | 88  | 4.98   | 4.86  | 4.97  | 4.98  | 5.00  |
| > 99                                | 16  | 4.96   | 4.94  | 4.96  | 4.96  | 4.99  |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 NRE</b>  |     |        |       |       |       |       |
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 63  | 4.30   | 3.93  | 4.10  | 4.55  | 4.90  |
| 16 - 35                             | 54  | 4.10   | 3.38  | 4.00  | 4.29  | 4.56  |
| 36 - 99                             | 22  | 4.17   | 3.78  | 4.10  | 4.50  | 4.70  |
| > 99                                | 0   | NA     | NA    | NA    | NA    | NA    |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |

# Descriptive Statistics for Item 10 2011–2016

| <b>Fall 2011 - Spring 2016 NS</b>   |     |        |       |       |       |       |
|-------------------------------------|-----|--------|-------|-------|-------|-------|
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 28  | 4.75   | 4.50  | 4.65  | 4.89  | 5.00  |
| 16 - 35                             | 18  | 4.93   | 4.32  | 4.87  | 4.96  | 5.00  |
| 36 - 99                             | 0   | NA     | NA    | NA    | NA    | NA    |
| > 99                                | 0   | NA     | NA    | NA    | NA    | NA    |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 PERS</b> |     |        |       |       |       |       |
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 16  | 4.80   | 4.20  | 4.78  | 4.86  | 5.00  |
| 16 - 35                             | 3   | 4.83   | 3.67  | 4.37  | 4.88  | 4.95  |
| 36 - 99                             | 0   | NA     | NA    | NA    | NA    | NA    |
| > 99                                | 0   | NA     | NA    | NA    | NA    | NA    |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 PHIL</b> |     |        |       |       |       |       |
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 15  | 4.70   | 3.48  | 4.14  | 4.80  | 4.98  |
| 16 - 35                             | 152 | 4.57   | 4.19  | 4.50  | 4.62  | 4.80  |
| 36 - 99                             | 22  | 4.72   | 4.52  | 4.68  | 4.78  | 4.86  |
| > 99                                | 1   | 4.46   | 4.46  | 4.46  | 4.46  | 4.46  |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 PHYS</b> |     |        |       |       |       |       |
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 150 | 4.75   | 4.00  | 4.50  | 4.80  | 5.00  |
| 16 - 35                             | 140 | 4.50   | 3.75  | 4.30  | 4.70  | 4.88  |
| 36 - 99                             | 72  | 4.40   | 3.75  | 4.20  | 4.53  | 4.71  |
| > 99                                | 94  | 4.31   | 4.02  | 4.26  | 4.42  | 4.60  |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 POL</b>  |     |        |       |       |       |       |
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 1   | 4.90   | 4.90  | 4.90  | 4.90  | 4.90  |
| 16 - 35                             | 7   | 4.80   | 4.56  | 4.64  | 4.81  | 4.91  |
| 36 - 99                             | 3   | 3.60   | 3.00  | 3.36  | 3.84  | 4.19  |
| > 99                                | 14  | 3.79   | 2.92  | 3.73  | 3.97  | 4.56  |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |

# Descriptive Statistics for Item 10 2011–2016

| <b>Fall 2011 - Spring 2016 PST</b>  |     |        |       |       |       |       |
|-------------------------------------|-----|--------|-------|-------|-------|-------|
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 2   | 4.91   | 4.88  | 4.89  | 4.93  | 4.94  |
| 16 - 35                             | 19  | 4.62   | 4.23  | 4.42  | 4.70  | 4.82  |
| 36 - 99                             | 1   | 4.35   | 4.35  | 4.35  | 4.35  | 4.35  |
| > 99                                | 0   | NA     | NA    | NA    | NA    | NA    |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 PSYC</b> |     |        |       |       |       |       |
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 206 | 5.00   | 4.15  | 4.80  | 5.00  | 5.00  |
| 16 - 35                             | 122 | 4.67   | 4.00  | 4.50  | 4.80  | 4.90  |
| 36 - 99                             | 95  | 4.52   | 4.04  | 4.37  | 4.67  | 4.83  |
| > 99                                | 60  | 4.54   | 3.96  | 4.38  | 4.69  | 4.80  |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 PTFE</b> |     |        |       |       |       |       |
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 90  | 4.00   | 3.50  | 4.00  | 4.50  | 4.83  |
| 16 - 35                             | 21  | 4.38   | 4.00  | 4.25  | 4.63  | 4.87  |
| 36 - 99                             | 7   | 4.59   | 3.15  | 4.04  | 4.76  | 4.85  |
| > 99                                | 5   | 4.50   | 2.86  | 4.28  | 4.57  | 4.76  |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 PUBP</b> |     |        |       |       |       |       |
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 327 | 4.75   | 4.00  | 4.50  | 4.81  | 5.00  |
| 16 - 35                             | 113 | 4.50   | 3.88  | 4.26  | 4.64  | 4.83  |
| 36 - 99                             | 0   | NA     | NA    | NA    | NA    | NA    |
| > 99                                | 4   | 3.71   | 3.27  | 3.43  | 4.00  | 4.35  |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 RGTE</b> |     |        |       |       |       |       |
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 0   | NA     | NA    | NA    | NA    | NA    |
| 16 - 35                             | 0   | NA     | NA    | NA    | NA    | NA    |
| 36 - 99                             | 0   | NA     | NA    | NA    | NA    | NA    |
| > 99                                | 0   | NA     | NA    | NA    | NA    | NA    |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |



# Descriptive Statistics for Item 10 2011–2016



| <b>Fall 2011 - Spring 2016 RGTR</b> |     |        |       |       |       |       |
|-------------------------------------|-----|--------|-------|-------|-------|-------|
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 0   | NA     | NA    | NA    | NA    | NA    |
| 16 - 35                             | 0   | NA     | NA    | NA    | NA    | NA    |
| 36 - 99                             | 0   | NA     | NA    | NA    | NA    | NA    |
| > 99                                | 0   | NA     | NA    | NA    | NA    | NA    |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 RUSS</b> |     |        |       |       |       |       |
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 88  | 5.00   | 4.75  | 4.93  | 5.00  | 5.00  |
| 16 - 35                             | 11  | 4.97   | 4.84  | 4.93  | 4.98  | 5.00  |
| 36 - 99                             | 0   | NA     | NA    | NA    | NA    | NA    |
| > 99                                | 0   | NA     | NA    | NA    | NA    | NA    |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 SOC</b>  |     |        |       |       |       |       |
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 0   | NA     | NA    | NA    | NA    | NA    |
| 16 - 35                             | 0   | NA     | NA    | NA    | NA    | NA    |
| 36 - 99                             | 0   | NA     | NA    | NA    | NA    | NA    |
| > 99                                | 10  | 4.64   | 3.90  | 4.56  | 4.69  | 4.82  |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 SPAN</b> |     |        |       |       |       |       |
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 78  | 4.82   | 4.23  | 4.75  | 4.90  | 5.00  |
| 16 - 35                             | 164 | 4.79   | 4.40  | 4.70  | 4.83  | 4.92  |
| 36 - 99                             | 1   | 4.86   | 4.86  | 4.86  | 4.86  | 4.86  |
| > 99                                | 5   | 4.67   | 4.60  | 4.63  | 4.81  | 4.92  |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 TFE</b>  |     |        |       |       |       |       |
|                                     | N   | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| < 16                                | 0   | NA     | NA    | NA    | NA    | NA    |
| 16 - 35                             | 0   | NA     | NA    | NA    | NA    | NA    |
| 36 - 99                             | 0   | NA     | NA    | NA    | NA    | NA    |
| > 99                                | 0   | NA     | NA    | NA    | NA    | NA    |
|                                     |     |        |       |       |       |       |
|                                     |     |        |       |       |       |       |

# Descriptive Statistics for Item 10 2011–2016



| <b>Fall 2011 - Spring 2016 ECEP</b> |   |        |       |       |       |       |
|-------------------------------------|---|--------|-------|-------|-------|-------|
|                                     | N | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| <b>&lt; 16</b>                      | 0 | NA     | NA    | NA    | NA    | NA    |
| <b>16 - 35</b>                      | 2 | 4.91   | 4.90  | 4.90  | 4.92  | 4.92  |
| <b>36 - 99</b>                      | 0 | NA     | NA    | NA    | NA    | NA    |
| <b>&gt; 99</b>                      | 0 | NA     | NA    | NA    | NA    | NA    |
|                                     |   |        |       |       |       |       |
|                                     |   |        |       |       |       |       |
| <b>Fall 2011 - Spring 2016 IAC</b>  |   |        |       |       |       |       |
|                                     | N | Median | Cut 1 | Cut 2 | Cut 3 | Cut 4 |
| <b>&lt; 16</b>                      | 1 | 5.00   | 5.00  | 5.00  | 5.00  | 5.00  |
| <b>16 - 35</b>                      | 1 | 5.00   | 5.00  | 5.00  | 5.00  | 5.00  |
| <b>36 - 99</b>                      | 0 | NA     | NA    | NA    | NA    | NA    |
| <b>&gt; 99</b>                      | 0 | NA     | NA    | NA    | NA    | NA    |