Two files are available:

* + BuCKETS Y1 Data All contains all items and subscales/total scores for Pre, Post, & Delayed Post
  + BuCKETS Y1 Data Subscales contains only subscales/total scores for Pre, Post, & Delayed Post

On all items except for demographic information, the suffix \_PRE is used for pre-survey responses, \_POST for post-survey, and \_DP for delayed post survey.

|  |  |  |
| --- | --- | --- |
| **Column** | **Explanation** | **Notes** |
| ID # | Student identifier |  |
| Treatment | 0=control  1=treatment |  |
| Sex | 0=male  1=female |  |
| Black | 0=non-Black  1=Black | If 0 in both columns, student identified as white & non-Hispanic. No students identified as a race/ethnicity other than white, Black, and/or Hispanic/Latinx |
| Hispanic | 0= non-Hispanic/Latinx  1= Hispanic/Latinx |
| Year | 1=Freshman  2=Sophomore  3=Junior  4=Senior |  |
| Age | Student’s age in years |  |
| Major | 0=Elementary education  1=Secondary education  2=Business  3=Music education  4=Accounting  5=Mathematics  6=Undeclared  7=Social work |  |
| Home State | State in which the student attended high school |  |
| Science Courses | 1=Biology  2=Chemistry  3=Genetics  4=Human Anatomy  5=Marine Science  6=Physical Science  7-Physics  8=AP Biology  9=AP Chemistry | 10=AP Physics AB  11=AP Physics BC  12=Astrophysics  13=Earth and Space Science  14=Environmental Studies  15=Zoology  16=AP Environmental Science  17=Astronomy  18=Botany |
| Type of HS | 0=Public school  1=Private school |  |
| \*PETAS\_S\_# (1-7) | Score on a five-point Likert type scale (question 6 was reverse scored; this has already been done) |  |
| PETAS\_S\_SUM | Sum of PETAS\_S Likert type items | Minimum possible = 7  Maximum possible = 35 |
| \*WAV# (1-8) | Score on MSSA Waves test items  0=incorrect  1=correct |  |
| WAV\_SUM | Sum of MSSA Waves subscale items | Minimum possible = 0  Maximum possible = 8 |
| \*FM# (1-8) | Score on MSSA Forces and Motion test items  0=incorrect  1=correct |  |
| FM\_SUM | Sum of MSSA Forces and Motion subscale items | Minimum possible = 0  Maximum possible = 8 |
| \*EG# (1-8) | Score on MSSA Energy test items  0=incorrect  1=correct |  |
| EG\_SUM | Sum of MSSA Energy subscale items | Minimum possible = 0  Maximum possible = 8 |
| \*MTR# (1-8) | Score on MSSA Matter test items  0=incorrect  1=correct |  |
| MTR\_SUM | Sum of MSSA Matter subscale items | Minimum possible = 0  Maximum possible = 8 |
| \*\*MSSA\_TOTAL | Total score across all subscales | Minimum possible = 0  Maximum possible = 32 |
| \*PCK# (1-8) | Score on PCK test items  0=incorrect  1=correct |  |
| PCK\_SUM | Sum of PCK subscale items | Minimum possible = 0  Maximum possible = 8 |

\*These individual items are not included in the subscales/total scores file.

\*\*Only included in the subscales/total scores file.

*N.B.* Some data is missing:

One individual (ID #10759897) is missing one item score on FM4\_PRE

One individual (ID #10753448) is missing one item score on EG1\_PRE

One individual (ID #10653211) is missing ALL items for the EG\_PRE subscale.