

1. **Lines 1 - 7:** Installed the packages and libraries required to run the script
2. **Line 9:** Uploaded the 'metadata.xlsx' database and named it 'metadata' in the script
3. **Line 11:** Get a vector of all the 'Simple/Difficult' Effect Sizes and store it in meta.simdiff
4. **Line 12:** Get a vector of all the 'Simple/Difficult' Standard Errors and store it in meta.se.simdiff
5. **Line 13:** Get a vector of all the 'Abstain/Drink' Effect Sizes and store it in meta.absdrink
6. **Line 14:** Get a vector of all the 'Abstain/Drink' Standard Errors and store it in meta.se.absdrink
7. **Lines 16-17:** Run meta-analysis to get the meta-analytic estimate for the Effect Size of 'Simple/Difficult'
8. **Lines 19-20:** Run meta-analysis to get the meta-analytic estimate for the Effect Size of 'Abstain/Drink'
9. **Line 22:** Extracting the numeric values from the 'Embedding + VL' column and storing them in a new column named 'ValenceList'
10. **Line 24-25:** Getting the subset of 'metadata' which only has the IAT 'Simple/Difficult' and storing it in 'meta_simdiff'.
11. **Lines 27-28:** Getting the row of 'meta_simdiff' containing the meta analytic estimate and storing it in 'meta_simdiff_data'. This is done so that this data can be used to plot the meta analytic estimate in a unique color on the graph.
12. **Lines 30 - 33:** Plotting the different Effect Sizes (y-axis) against the different Valenced lists (x-axis). There is 1 special point on the x-axis for the meta_analytic estimate. The name of the graph is '[Simple_Difficult_ES_with_MAE.png](#)'
13. **Line 35-36:** Getting the subset of 'metadata' which only has the IAT 'Abstain/Drink' and storing it in 'meta_absdrink'.
14. **Lines 38-39:** Getting the row of 'meta_absdrink' containing the meta analytic estimate and storing it in 'meta_absdrink_data'. This is done so that this data can be used to plot the meta analytic estimate in a unique color on the graph.
15. **Lines 30 - 33:** Plotting the different Effect Sizes (y-axis) against the different Valenced lists (x-axis). There is 1 special point on the x-axis for the meta_analytic estimate. The name of the graph is '[Abstain_Drink_ES_with_MAE.png](#)'