**SUPPLEMENTARY MATERIALS: Across the multiverse: Exploring a diverse set of specifications related to cross-sectional and prospective associations between adolescent alcohol use and emotional problems**

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**Figure 4.A** Volcano Plot Multiverse A

**Figure 4.B** Volcano Plot Multiverse B

**Extended Data**

**Figure 4.A** Volcano Plots for Multiverse A

A graph of a bar graph

Description automatically generated with medium confidence

A diagram of a model

Description automatically generated with medium confidence

A graph of alcohol and alcohol

Description automatically generated

A graph of alcohol and alcohol

Description automatically generated

A graph of alcohol and alcohol

Description automatically generated

A diagram of a bar graph

Description automatically generated

A graph of alcohol and alcohol

Description automatically generated

\*note, the light grey dots are the models with other sets of confounder adjustments

A graph of a bar graph

Description automatically generated with medium confidence

**Figure 4.B** Volcano Plot Multiverse B

A graph showing a graph of a graph

Description automatically generated with medium confidence

A graph of a positive and negative reaction

Description automatically generated with medium confidence

A graph of a graph of different colored dots

Description automatically generated with medium confidence

A graph of a function

Description automatically generated with medium confidence

A graph of a positive and negative emotion

Description automatically generated with medium confidence

A graph of a positive and negative effect

Description automatically generated with medium confidence

A graph of alcohol and alcohol

Description automatically generated

\*note, the light grey dots are the models with other sets of confounder adjustments

A diagram of alcohol variable

Description automatically generated