IBIS Sex Differences Dataset 5/19 Data for Kevin – Data Dictionary

Important points before getting started:

-We removed all participants who were excluded (though note we may need to include a few more or exclude some more kids based on some follow up that needs to happen re: exclusionary factor tracking)

Description of Variables:

* Primary variables (all have values listed in SPSS)
  + Gender\_dummy: gender of subject 0=male, 1=female
  + Gender\_Proband\_dummy: gender of proband (older sib), 0=male, 1=female
  + Risk\_dummy: risk group 0=Low Risk, 1=High Risk
  + V24\_Group: Meera’s groupings, 1=typical, 2=atypical, 3=ASD
  + V24\_Dx\_Dummy: for if we only want to look at diagnostic outcomes, 0=no ASD, 1=ASD
* AOSI Variables: all V’s have question number, see attached AOSI scoring protocol for scoring guidelines. Generally, 0=typical, 1=questionable, 2=atypical; 7/8/9 are all “missing” data
  + See syntax below for codes that went into composites
  + Note: the variable V06\_aosi\_q14\_social\_interest has scores ranging from 0 to 3, but I wanted it to be comparable in range, so changed it to the V06\_aosi\_social\_interest
* Mullen scores
  + Plan to use “Composite Standard Score” as primary variable
    - M=100, SD=15, cutoff for Average vs. impaired IQ is 70
  + Can look at domain level scores too if interested, M=50, SD=10
* ADOS variables
  + We have item-level variables for M1 (mod 1), and M2 (mod 2)
  + Values of 7/8/9 are missing data and marked as such
  + See syntax below for codes that went into composites
* Codes that went into “social affect composite”: syntax below, with codes that went into composites within parentheses
  + COMPUTE V06\_SocAff\_composite=mean(V06\_aosi\_q8\_eye\_contact, V06\_aosi\_q3\_orients\_to\_name\_score, V06\_aosi\_social\_interest, V06\_aosi\_q21\_social\_referencing)\*4. EXECUTE.
  + COMPUTE V12\_SocAff\_composite=mean(V12\_aosi\_q8\_eye\_contact, V12\_aosi\_q3\_orients\_to\_name\_score, V12\_aosi\_q14\_social\_interest, V12\_aosi\_q21\_social\_referencing)\*4. EXECUTE.
  + COMPUTE V24\_SocAff\_composite=mean(V24ADOSM1Comb\_EC, V24ADOSM1Comb\_RespName, V24ADOSM1Comb\_ShEnj, V24ADOSM1Comb\_SIJA)\*4. EXECUTE.
  + \*could make a comparable composite for M2 (mod 2) variables.
* Codes that went into “RRB composite”:
  + COMPUTE V06\_RRB\_composite=mean(V06\_aosi\_q17\_atypical\_motor, V06\_aosi\_q18\_atypical\_sensory)\*2. EXECUTE.
  + COMPUTE V12\_RRB\_composite=mean(V12\_aosi\_q17\_atypical\_motor, V12\_aosi\_q18\_atypical\_sensory)\*2. EXECUTE.
  + COMPUTE V24\_RRB\_composite=mean(V24ADOSM1Comb\_SensInt, V24ADOSM1Comb\_HFMann)\*2. EXECUTE.
  + \*could make a comparable composite for M2 (mod 2) variables.