The regression models in Jen’s paper used these variables:

**Dependent variables: Test for Collective Intelligence (TCI) scores**

CIF\_T1 : collective intelligence team score for first assessment (group level data set)  
CIF\_T2 : collective intelligence team score for second assessment (group level data set)

**Independent variables - SI factors**

Reading the Mind in the Eyes score: RME\_AVG, RME\_MAX, RME\_MIN, RME\_Rng

SI Factor 1: SI1\_AVG, SI1\_MAX, SI1\_MIN, SI1\_Rng  
SI Factor 2: SI2\_AVG, SI2\_MAX, SI2\_MIN, SI2\_Rng

SI Factor 1: SI3\_AVG, SI3\_MAX, SI3\_MIN, SI3\_Rng

\*she tested the group mean, range, min, and maximum scores as predictors for each of these 4 SI constructs. You'll see these group variables in the group-level data set, and the individual scores in the individual level data set.

**Independent variables - controls**

GrpProportionMale

Age\_AVG, GrpMaxAge, GrpMinAge, GrpRangeAge

GPA\_AVG, GrpMaxGPA, GrpMinGPA, GrpRangeGPA

GrpSize  
GrpProportionNonwhite

**Analyses to do:**

We'd want to redo these regression analyses, using the same control variables and dependent variables, but the following 11 SI subscales (instead of RME + 3 SI Factors):

1. **extraversion**: GrpAVG\_Extraversion, GrpMAX\_Extraversion, GrpMIN\_Extraversion, GrpRANGE\_Extraversion
2. **agreeableness**: GrpAVG\_Agreeableness, GrpMAX\_Agreeableness, GrpMIN\_Agreeableness, GrpRANGE\_Agreeableness
3. **conscientiousness**: GrpAVG\_Conscientiousness, GrpMAX\_Conscientiousness, GrpMIN\_Conscientiousness, GrpRANGE\_Conscientiousness
4. **emotional stability**: GrpAVG\_EmotionalStability, GrpMAX\_EmotionalStability, GrpMIN\_EmotionalStability, GrpRANGE\_EmotionalStability
5. **openness to experiences**:  GrpAVG\_OpennesstoExperience, GrpMAX\_OpennesstoExperience, GrpMIN\_OpennesstoExperiences, GrpRANGE\_OpennesstoExperiences
6. **Reading the Mind in the Eyes score**: GrpAVG\_RMEscore, GrpMAX\_RMEscore, GrpMIN\_RMEscore, GrpRANGE\_RMEscore
7. **Social Information Processing**: GrpAVGSocialInfoProcessing, GrpMAXSocialInfoProcessing, GrpMINSocialInfoProcessing, GrpRANGESocialInfoProcessing
8. **Social Skills**: GrpAVGSocialSkills, GrpMAXSocialSkills, GrpMINSocialSkills, GrpRANGESocialSkills
9. **Social Awareness**: GrpAVGSocialAwareness, GrpMAXSocialAwareness, GrpMINSocialAwareness, GrpRANGESocialAwareness
10. **Empathy**: GrpAVG\_Empathy, GrpMAX\_Empathy, GrpMIN\_Empathy, GrpRANGE\_Empathy
11. **Social Responsibility**: GrpAVG\_SocialResponsibility, GrpMAX\_SocialResponsibility, GrpMIN\_SocialResponsibility, GrpRANGE\_SocialResponsibility
12. **Interpersonal Relationships:** GrpAVG\_InterpersonalRelationship, GrpMAX\_InterpersonalRelationship, GrpMIN\_InterpersonalRelationship, GrpRANGE\_InterpersonalRelationship

*\*these are all the* ***group-level*** *variables. the variable labels for the* ***individual-level*** *data set used to compute the group variables are here:*

1. extraversion: TIPI\_Extraversion

2. agreeableness:  TIPI\_Agreeableness

3. conscientiousness: TIPI\_Conscientiousness

4. emotional stability: TIPI\_EmotionalStability

5. openness to experiences: TIPI\_OpennesstoExperiences

6. Reading the Mind in the Eyes score: RMEscore

7. Social Information Processing: SocialInfoProcessing

8. Social Skills: SocialSkills

9. Social Awareness: SocialAwareness

10. Empathy: Empathy

11. Social Responsibility: SocialResponsibility

12. Interpersonal Relationships: InterpersonalRelationship