**SPSS Syntax for G-theory Variance Component Estimates**

**/\* syntax to transpose data for one-facet design\*/**

**VARSTOCASES**

**/MAKE** score **FROM** rater1 rater2 rater3

**/INDEX=**rater(3)

**/KEEP =** person

**/NULL = KEEP.**

**/\* syntax for variance component estimates: one-facet design \*/**

**VARCOMP** score **BY** person rater

**/RANDOM=**person rater

**/METHOD=MINQUE(1)**

**/DESIGN**

**/INTERCEPT=INCLUDE.**

**/\* syntax to transpose data for two-facet design \*/**

**VARSTOCASES**

**/make** score **from** R1Task1 R1Task2 R1Task3 R2Task1 R2Task2 R2Task3 R3Task1 R3Task2 R3Task3

**/index=**rater(3) task(3)

**/keep =** person

**/null = keep.**

**/\* syntax for variance component estimates: two-facet design \*/**

**VARCOMP** score **BY** person rater task

**/RANDOM=**person rater task

**/METHOD=MINQUE(1)**

**/DESIGN**

**/INTERCEPT=INCLUDE.**