**\* SPSS Syntax File for Scoring MCIVR Performance Data into Right-Wrong Answers for Rasch Analysis**

\* Encoding: UTF-8.

DO IF TAG\_Bob\_0\_Root EQ "BLACK".

COMPUTE TAG\_0\_CORRECT=1.

ELSE.

COMPUTE TAG\_0\_CORRECT=0.

END IF.

DO IF TAG\_Gary\_1\_Root EQ "GRAY".

COMPUTE TAG\_1\_CORRECT=1.

ELSE.

COMPUTE TAG\_1\_CORRECT=0.

END IF.

DO IF TAG\_Lily\_2\_Root EQ "RED".

COMPUTE TAG\_2\_CORRECT=1.

ELSE.

COMPUTE TAG\_2\_CORRECT=0.

END IF.

DO IF TAG\_Gary\_3\_Root EQ "RED".

COMPUTE TAG\_3\_CORRECT=1.

ELSE.

COMPUTE TAG\_3\_CORRECT=0.

END IF.

DO IF TAG\_Lily\_4\_Root EQ "RED".

COMPUTE TAG\_4\_CORRECT=1.

ELSE.

COMPUTE TAG\_4\_CORRECT=0.

END IF.

DO IF TAG\_Mike\_5\_Root EQ "RED".

COMPUTE TAG\_5\_CORRECT=1.

ELSE.

COMPUTE TAG\_5\_CORRECT=0.

END IF.

DO IF TAG\_Gloria\_6\_Root EQ "YELLOW".

COMPUTE TAG\_6\_CORRECT=1.

ELSE.

COMPUTE TAG\_6\_CORRECT=0.

END IF.

DO IF TAG\_Mike\_7\_Root EQ "YELLOW".

COMPUTE TAG\_7\_CORRECT=1.

ELSE.

COMPUTE TAG\_7\_CORRECT=0.

END IF.

DO IF TAG\_Gloria\_8\_Root EQ "GREEN".

COMPUTE TAG\_8\_CORRECT=1.

ELSE.

COMPUTE TAG\_8\_CORRECT=0.

END IF.

DO IF TAG\_Bob\_9\_Root EQ "GREEN".

COMPUTE TAG\_9\_CORRECT=1.

ELSE.

COMPUTE TAG\_9\_CORRECT=0.

END IF.

DO IF TAG\_Helga\_10\_Root EQ "GREEN".

COMPUTE TAG\_10\_CORRECT=1.

ELSE.

COMPUTE TAG\_10\_CORRECT=0.

END IF.

EXECUTE.

COMPUTE TAG\_CORRECT\_SUM=SUM(TAG\_0\_CORRECT,TAG\_1\_CORRECT,TAG\_3\_CORRECT,TAG\_4\_CORRECT,TAG\_5\_CORRECT,TAG\_6\_CORRECT,TAG\_7\_CORRECT,TAG\_8\_CORRECT,TAG\_9\_CORRECT,TAG\_10\_CORRECT).

EXECUTE.

COMPUTE TAG\_CORRECT\_PERCENT=(TAG\_CORRECT\_SUM/11)\*100.

EXECUTE.

DATASET ACTIVATE DataSet1.

RECODE PULSE\_Bob\_0\_Root PULSE\_Gary\_1\_Root PULSE\_Lily\_2\_Root PULSE\_Gary\_3\_Root PULSE\_Lily\_4\_Root

PULSE\_Mike\_5\_Root PULSE\_Gloria\_6\_Root PULSE\_Mike\_7\_Root PULSE\_Gloria\_8\_Root PULSE\_Bob\_9\_Root

PULSE\_Helga\_10\_Root (CONVERT) ('YES'=1) ('NO'=0) INTO PULSE\_BOB\_0 PULSE\_GARY\_1 PULSE\_LILY\_2

PULSE\_GARY\_3 PULSE\_LILY\_4 PULSE\_MIKE\_5 PULSE\_GLORIA\_6 PULSE\_MIKE\_7 PULSE\_GLORIA\_8 PULSE\_BOB\_9

PULSE\_HELGA\_10.

EXECUTE.

COMPUTE PULSE\_CORRECT\_SUM=SUM(PULSE\_BOB\_0,PULSE\_GARY\_1,PULSE\_LILY\_2,PULSE\_GARY\_3,PULSE\_LILY\_4,PULSE\_MIKE\_5,PULSE\_GLORIA\_6,PULSE\_MIKE\_7,PULSE\_GLORIA\_8,PULSE\_BOB\_9,PULSE\_HELGA\_10).

EXECUTE.

COMPUTE PULSE\_CORRECT\_PERCENT=(PULSE\_CORRECT\_SUM/11)\*100.

EXECUTE.

DO IF TRT\_FACE\_SHRAP\_Bob\_0\_Root EQ 0.

COMPUTE TRT\_0\_FACE=1.

ELSE.

COMPUTE TRT\_0\_FACE=0.

END IF.

DO IF TRT\_WRIST\_Bob\_0\_Root EQ 0.

COMPUTE TRT\_0\_WRIST=1.

ELSE.

COMPUTE TRT\_0\_WRIST=0.

END IF.

DO IF TRT\_CHEST\_Bob\_0\_Root EQ 0.

COMPUTE TRT\_0\_CHEST=1.

ELSE.

COMPUTE TRT\_0\_CHEST=0.

END IF.

DO IF TRT\_STOMACH\_Bob\_0\_Root EQ 0.

COMPUTE TRT\_0\_STOMACH=1.

ELSE.

COMPUTE TRT\_0\_STOMACH=0.

END IF.

DO IF TRT\_SHINAMP\_Bob\_0\_Root EQ 0.

COMPUTE TRT\_0\_SHIN=1.

ELSE.

COMPUTE TRT\_0\_SHIN=0.

END IF.

DO IF TRT\_THIGHLAC\_Bob\_0\_Root EQ 0.

COMPUTE TRT\_0\_THIGH=1.

ELSE.

COMPUTE TRT\_0\_THIGH=0.

END IF.

EXECUTE.

DO IF TRT\_FACE\_Gary\_1\_Root EQ 0.

COMPUTE TRT\_1\_FACE=1.

ELSE.

COMPUTE TRT\_1\_FACE=0.

END IF.

EXECUTE.

DO IF TRT\_SHINAMP\_Lily\_2\_Root EQ 2.

COMPUTE TRT\_2\_SHIN=1.

ELSE.

COMPUTE TRT\_2\_SHIN=0.

END IF.

EXECUTE.

DO IF TRT\_CHEST\_Gary\_3\_Root EQ 3.

COMPUTE TRT\_3\_CHEST=1.

ELSE.

COMPUTE TRT\_3\_CHEST=0.

END IF.

EXECUTE.

DO IF TRT\_SIDEPNCT\_Lily\_4\_Root EQ 4.

COMPUTE TRT\_4\_SIDE=1.

ELSE.

COMPUTE TRT\_4\_SIDE=0.

END IF.

EXECUTE.

DO IF TRT\_SIDEPNCT\_Mike\_5\_Root EQ 4.

COMPUTE TRT\_5\_SIDE=1.

ELSE.

COMPUTE TRT\_5\_SIDE=0.

END IF.

DO IF TRT\_THIGHLAC\_Mike\_5\_Root EQ 2.

COMPUTE TRT\_5\_THIGH=1.

ELSE.

COMPUTE TRT\_5\_THIGH=0.

END IF.

EXECUTE.

DO IF TRT\_CALF\_SHRAP\_Gloria\_6\_Root EQ 1.

COMPUTE TRT\_6\_CALF=1.

ELSE.

COMPUTE TRT\_6\_CALF=0.

END IF.

EXECUTE.

DO IF TRT\_THIGH\_PNCT\_Mike\_7\_Root EQ 2.

COMPUTE TRT\_7\_THIGH=1.

ELSE.

COMPUTE TRT\_7\_THIGH=0.

END IF.

DO IF TRT\_CALFLAC\_Mike\_7\_Root EQ 1.

COMPUTE TRT\_7\_CALF=1.

ELSE.

COMPUTE TRT\_7\_CALF=0.

END IF.

EXECUTE.

DO IF TRT\_FOREARMLAC\_Gloria\_8\_Root EQ 1.

COMPUTE TRT\_8\_FOREARM=1.

ELSE.

COMPUTE TRT\_8\_FOREARM=0.

END IF.

EXECUTE.

DO IF TRT\_EARBLEED\_Bob\_9\_Root EQ 0.

COMPUTE TRT\_9\_EARBLEED=1.

ELSE.

COMPUTE TRT\_9\_EARBLEED=0.

END IF.

EXECUTE.

DO IF TRT\_FOREHEAD\_Helga\_10\_Root EQ 0.

COMPUTE TRT\_10\_FOREHEAD=1.

ELSE.

COMPUTE TRT\_10\_FOREHEAD=0.

END IF.

EXECUTE.

COUNT TRTMENT\_CORRECT\_SUM=TRT\_0\_FACE TRT\_0\_WRIST TRT\_0\_CHEST TRT\_0\_STOMACH TRT\_0\_SHIN TRT\_0\_THIGH TRT\_1\_FACE

TRT\_2\_SHIN TRT\_3\_CHEST TRT\_4\_SIDE TRT\_5\_SIDE TRT\_5\_THIGH TRT\_6\_CALF TRT\_7\_THIGH TRT\_7\_CALF

TRT\_8\_FOREARM TRT\_9\_EARBLEED TRT\_10\_FOREHEAD(1).

EXECUTE.

COMPUTE TRTMENT\_CORRECT\_PERCENT=(TRTMENT\_CORRECT\_SUM/18)\*100.

EXECUTE.