**SPSS syntax for main analysis**

**Tones GLM**

\* Generalized Linear Models.

GENLIN Tones\_hab\_rate\_v2 BY Group Birth\_sex Age\_binary (ORDER=ASCENDING)

/MODEL Group Birth\_sex Age\_binary INTERCEPT=YES

DISTRIBUTION=POISSON LINK=LOG

/CRITERIA METHOD=FISHER(1) SCALE=1 COVB=MODEL MAXITERATIONS=100 MAXSTEPHALVING=5 PCONVERGE=1E-006(ABSOLUTE) SINGULAR=1E-012 ANALYSISTYPE=3(WALD) CILEVEL=95 CITYPE=WALD LIKELIHOOD=FULL

/EMMEANS TABLES=Group SCALE=ORIGINAL

/EMMEANS TABLES=Birth\_sex SCALE=ORIGINAL

/EMMEANS TABLES=Age\_binary SCALE=ORIGINAL

/MISSING CLASSMISSING=EXCLUDE

/PRINT CPS DESCRIPTIVES MODELINFO FIT SUMMARY SOLUTION (EXPONENTIATED).

**MAST Main effects GLM**

\* Generalized Linear Models.

GENLIN MAST\_mean\_sqrt BY Group Birth\_sex Age\_binary Time (ORDER=ASCENDING)

/MODEL Group Birth\_sex Age\_binary Time INTERCEPT=YES

DISTRIBUTION=NORMAL LINK=IDENTITY

/CRITERIA SCALE=MLE COVB=MODEL PCONVERGE=1E-006(ABSOLUTE) SINGULAR=1E-012 ANALYSISTYPE=3(WALD) CILEVEL=95 CITYPE=WALD LIKELIHOOD=FULL

/EMMEANS TABLES=Group SCALE=ORIGINAL

/EMMEANS TABLES=Birth\_sex SCALE=ORIGINAL

/EMMEANS TABLES=Age\_binary SCALE=ORIGINAL

/EMMEANS TABLES=Time SCALE=ORIGINAL

/MISSING CLASSMISSING=EXCLUDE

/PRINT CPS DESCRIPTIVES MODELINFO FIT SUMMARY SOLUTION (EXPONENTIATED).

**MAST GLM with group x time**

\* Generalized Linear Models.

GENLIN MAST\_mean\_sqrt BY Group Birth\_sex Age\_binary Time (ORDER=ASCENDING)

/MODEL Group Birth\_sex Age\_binary Time Group\*Time INTERCEPT=YES

DISTRIBUTION=NORMAL LINK=IDENTITY

/CRITERIA SCALE=MLE COVB=MODEL PCONVERGE=1E-006(ABSOLUTE) SINGULAR=1E-012 ANALYSISTYPE=3(WALD) CILEVEL=95 CITYPE=WALD LIKELIHOOD=FULL

/EMMEANS TABLES=Group SCALE=ORIGINAL

/EMMEANS TABLES=Birth\_sex SCALE=ORIGINAL

/EMMEANS TABLES=Age\_binary SCALE=ORIGINAL

/EMMEANS TABLES=Time SCALE=ORIGINAL

/EMMEANS TABLES=Group\*Time SCALE=ORIGINAL

/MISSING CLASSMISSING=EXCLUDE

/PRINT CPS DESCRIPTIVES MODELINFO FIT SUMMARY SOLUTION (EXPONENTIATED).

**MAST GLM with group x sex**

\* Generalized Linear Models.

GENLIN MAST\_mean\_sqrt BY Group Birth\_sex Age\_binary Time (ORDER=ASCENDING)

/MODEL Group Birth\_sex Age\_binary Time Group\*Birth\_sex INTERCEPT=YES

DISTRIBUTION=NORMAL LINK=IDENTITY

/CRITERIA SCALE=MLE COVB=MODEL PCONVERGE=1E-006(ABSOLUTE) SINGULAR=1E-012 ANALYSISTYPE=3(WALD) CILEVEL=95 CITYPE=WALD LIKELIHOOD=FULL

/EMMEANS TABLES=Group SCALE=ORIGINAL

/EMMEANS TABLES=Birth\_sex SCALE=ORIGINAL

/EMMEANS TABLES=Age\_binary SCALE=ORIGINAL

/EMMEANS TABLES=Time SCALE=ORIGINAL

/EMMEANS TABLES=Group\*Birth\_sex SCALE=ORIGINAL

/MISSING CLASSMISSING=EXCLUDE

/PRINT CPS DESCRIPTIVES MODELINFO FIT SUMMARY SOLUTION (EXPONENTIATED).

**MAST GLM with group x age**

\* Generalized Linear Models.

GENLIN MAST\_mean\_sqrt BY Group Birth\_sex Age\_binary Time (ORDER=ASCENDING)

/MODEL Group Birth\_sex Age\_binary Time Group\*Age\_binary INTERCEPT=YES

DISTRIBUTION=NORMAL LINK=IDENTITY

/CRITERIA SCALE=MLE COVB=MODEL PCONVERGE=1E-006(ABSOLUTE) SINGULAR=1E-012 ANALYSISTYPE=3(WALD) CILEVEL=95 CITYPE=WALD LIKELIHOOD=FULL

/EMMEANS TABLES=Group SCALE=ORIGINAL

/EMMEANS TABLES=Birth\_sex SCALE=ORIGINAL

/EMMEANS TABLES=Age\_binary SCALE=ORIGINAL

/EMMEANS TABLES=Time SCALE=ORIGINAL

/EMMEANS TABLES=Group\*Age\_binary SCALE=ORIGINAL

/MISSING CLASSMISSING=EXCLUDE

/PRINT CPS DESCRIPTIVES MODELINFO FIT SUMMARY SOLUTION (EXPONENTIATED).