```
GET
   FILE='/Users//OneDrive - /RCT Study/Kids RCT/Kids_RCT_final.sav'.
DATASET NAME DataSet1 WINDOW=FRONT.
* Generalized Estimating Equations.
GENLIN Incident (REFERENCE=FIRST) BY Intervention (ORDER=ASCENDING)
   /MODEL Intervention INTERCEPT=YES
 DISTRIBUTION=BINOMIAL LINK=LOGIT
   /CRITERIA METHOD=FISHER(1) SCALE=1 MAXITERATIONS=100 MAXSTEPHALVING=5
PCONVERGE=1E-006(ABSOLUTE)
      SINGULAR=1E-012 ANALYSISTYPE=3(WALD) CILEVEL=95 LIKELIHOOD=FULL
   /EMMEANS TABLES=Intervention SCALE=ORIGINAL
   /REPEATED SUBJECT=Team WITHINSUBJECT=Player SORT=YES CORRTYPE=INDEPENDENT ADJUSTCORR=YES
      COVB=ROBUST MAXITERATIONS=100 PCONVERGE=1e-006(ABSOLUTE) UPDATECORR=1
   /MISSING CLASSMISSING=EXCLUDE
   /PRINT CPS DESCRIPTIVES MODELINFO FIT SUMMARY SOLUTION (EXPONENTIATED).
```

Generalized Linear Models

Notes

Output Created		11-SEP-2020 03:04:29
Comments		
Input	Data	/Users//OneDrive - /RCT Study/Kids RCT/Kids_RCT_final.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	94
Missing Value Handling	Definition of Missing	User-defined missing values for factor, subject and within-subject variables are treated as missing.
	Cases Used	Statistics are based on cases with valid data for all variables in the model.
Weight Handling		not applicable

Syntax		GENLIN Incident (REFERENCE=FIRST) BY Intervention (ORDER=ASCENDING) /MODEL Intervention INTERCEPT=YES DISTRIBUTION=BINOMIAL LINK=LOGIT /CRITERIA METHOD=FISHER(1) SCALE=1 MAXITERATIONS=100 MAXSTEPHALVING=5 PCONVERGE=1E-006(ABSOLUTE) SINGULAR=1E-012 ANALYSISTYPE=3(WALD) CILEVEL=95 LIKELIHOOD=FULL /EMMEANS TABLES=Intervention SCALE=ORIGINAL /REPEATED SUBJECT=Team WITHINSUBJECT=Player SORT=YES CORRTYPE=INDEPENDENT ADJUSTCORR=YES COVB=ROBUST MAXITERATIONS=100 PCONVERGE=1e-006(ABSOLUTE) UPDATECORR=1 /MISSING CLASSMISSING=EXCLUDE /PRINT CPS DESCRIPTIVES MODELINFO FIT SUMMARY SOLUTION (EXPONENTIATED).
Resources	Processor Time	00:00:00.06
	Elapsed Time	00:00:00.00

[DataSet1] /Users//OneDrive - /RCT Study/Kids RCT/Kids_RCT_final.sav

Model Information

Dependent Variable		Incident[a]
Probability Distribution		Binomial
Link Function		Logit
Subject Effect	1	Team
Within-Subject Effect	1	Player
Working Correlation Matrix Structure		Independent

a. The procedure models 1 as the response, treating 0 as the reference category.

Case Processing Summary

	N	Percent
Included	94	100.0%
Excluded	0	0.0%
Total	94	100.0%

Correlated Data Summary

Number of Levels	Subject Effect	Team	6
	Within-Subject Effect	Player	94
Number of Subjects			6
Number of Measurements per	Minimum		13

Subject	Maximum	20
Correlation Matrix Dimension		94

Categorical Variable Information

			N	Percent
Dependent Variable	Incident	0	9	9.6%
		1	85	90.4%
		Total	94	100.0%
Factor	Intervention	Control	47	50.0%
		Intervention	47	50.0%
		Total	94	100.0%

Goodness of Fit[a]

	Value
Quasi Likelihood under Independence Model Criterion (QIC)[b]	55.690
Corrected Quasi Likelihood under Independence Model Criterion (QICC)[b]	56.564

Dependent Variable: Incident
Model: (Intercept), Intervention[a]
a. Information criteria are in smaller-is-better form.
b. Computed using the full log quasi-likelihood function.

Tests of Model Effects

Source	Type III Wald Chi-Square	df	Sig.
(Intercept)	34.738	1	.000
Intervention	4.885	1	.027

Dependent Variable: Incident
Model: (Intercept), Intervention

Parameter Estimates

Parameter	B	Std. Error	95% Wald Confidence Interval Lower	95% Wald Confidence Interval Upper	Hypothesis Test Wald Chi-Square	df	Sig.	Exp(B)
(Intercept)	1.584	.3377	.922	2.246	21.999	1	.000	4.875
[Intervention=0]	2.245	1.0155	.254	4.235	4.885	1	.027	9.436
[Intervention=1]	0[a]	.	.	.	.	.	.	1
(Scale)	1							

Parameter Estimates

Parameter	95% Wald Confidence Interval for Exp(B) Lower	Upper
(Intercept)	2.515	9.451
[Intervention=0]	1.289	69.053
[Intervention=1]	.	.
(Scale)		

Dependent Variable: Incident
Model: (Intercept), Intervention
a. Set to zero because this parameter is redundant.

Estimated Marginal Means: Intervention

Estimates

Intervention	Mean	Std. Error	95% Wald Confidence Interval Lower	Upper
Control	.98	.019	.89	1.00
Intervention	.83	.048	.72	.90

```
* Generalized Estimating Equations.
GENLIN injury_number BY Intervention (ORDER=ASCENDING)
  /MODEL Intervention INTERCEPT=YES
 DISTRIBUTION=POISSON LINK=LOG
  /CRITERIA METHOD=FISHER(1) SCALE=1 MAXITERATIONS=100 MAXSTEPHALVING=5
PCONVERGE=1E-006(ABSOLUTE)
    SINGULAR=1E-012 ANALYSISTYPE=3(WALD) CILEVEL=95 LIKELIHOOD=FULL
  /EMMEANS TABLES=Intervention SCALE=ORIGINAL
  /REPEATED SUBJECT=Team WITHINSUBJECT=Player SORT=YES CORRTYPE=INDEPENDENT ADJUSTCORR=YES
    COVB=ROBUST MAXITERATIONS=100 PCONVERGE=1e-006(ABSOLUTE) UPDATECORR=1
  /MISSING CLASSMISSING=EXCLUDE
  /PRINT CPS DESCRIPTIVES MODELINFO FIT SUMMARY SOLUTION (EXPONENTIATED).
```

Generalized Linear Models

Notes

Output Created		11-SEP-2020 03:05:23
Comments		
Input	Data	/Users//OneDrive - /RCT Study/Kids RCT/Kids_RCT_final.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	94
Missing Value Handling	Definition of Missing	User-defined missing values for factor, subject and within-subject variables are treated as missing.
	Cases Used	Statistics are based on cases with valid data for all variables in the model.
Weight Handling		not applicable

Syntax		GENLIN injury_number BY Intervention (ORDER=ASCENDING) /MODEL Intervention INTERCEPT=YES DISTRIBUTION=POISSON LINK=LOG /CRITERIA METHOD=FISHER(1) SCALE=1 MAXITERATIONS=100 MAXSTEPHALVING=5 PCONVERGE=1E-006(ABSOLUTE) SINGULAR=1E-012 ANALYSISTYPE=3(WALD) CILEVEL=95 LIKELIHOOD=FULL /EMMEANS TABLES=Intervention SCALE=ORIGINAL /REPEATED SUBJECT=Team WITHINSUBJECT=Player SORT=YES CORRTYPE=INDEPENDENT ADJUSTCORR=YES COVB=ROBUST MAXITERATIONS=100 PCONVERGE=1e-006(ABSOLUTE) UPDATECORR=1 /MISSING CLASSMISSING=EXCLUDE /PRINT CPS DESCRIPTIVES MODELINFO FIT SUMMARY SOLUTION (EXPONENTIATED).
Resources	Processor Time	00:00:00.08
	Elapsed Time	00:00:00.00

Model Information

Dependent Variable		injury_number
Probability Distribution		Poisson
Link Function		Log
Subject Effect	1	Team
Within-Subject Effect	1	Player
Working Correlation Matrix Structure		Independent

Case Processing Summary

	N	Percent
Included	94	100.0%
Excluded	0	0.0%
Total	94	100.0%

Correlated Data Summary

Number of Levels	Subject Effect	Team	6
	Within-Subject Effect	Player	94
Number of Subjects			6
Number of Measurements per Subject	Minimum		13
	Maximum		20
Correlation Matrix Dimension			94

Categorical Variable Information

			N	Percent
Factor	Intervention	Control	47	50.0%

	Intervention	47	50.0%
	Total	94	100.0%

Continuous Variable Information

		N	Minimum	Maximum	Mean	Std. Deviation
Dependent Variable	injury_number	94	0	4	1.47	.912

Goodness of Fit[a]

	Value
Quasi Likelihood under Independence Model Criterion (QIC)[b]	42.541
Corrected Quasi Likelihood under Independence Model Criterion (QICC)[b]	45.661

Dependent Variable: injury_number
Model: (Intercept), Intervention[a]
a. Information criteria are in smaller-is-better form.
b. Computed using the full log quasi-likelihood function.

Tests of Model Effects

Source	Type III Wald Chi-Square	df	Sig.
(Intercept)	76.909	1	.000
Intervention	66.085	1	.000

Dependent Variable: injury_number
Model: (Intercept), Intervention

Parameter Estimates

Parameter	B	Std. Error	95% Wald Confidence Interval Lower	95% Wald Confidence Interval Upper	Hypothesis Test Wald Chi-Square	Hypothesis Test df	Hypothesis Test Sig.	Exp(B)
(Intercept)	-.043	.0609	-.163	.076	.510	1	.475	.957
[Intervention=0]	.726	.0893	.551	.901	66.085	1	.000	2.067
[Intervention=1]	0[a]	.	.	.	.	.	.	1
(Scale)	1							

Parameter Estimates

Parameter	95% Wald Confidence Interval for Exp(B) Lower	Upper
(Intercept)	.850	1.079
[Intervention=0]	1.735	2.462
[Intervention=1]	.	.
(Scale)		

Dependent Variable: injury_number
Model: (Intercept), Intervention
a. Set to zero because this parameter is redundant.

Estimated Marginal Means: Intervention

Estimates

Intervention	Mean	Std. Error	95% Wald Confidence Interval Lower	95% Wald Confidence Interval Upper
Control	1.98	.107	1.78	2.20

Intervention	.96	.058	.85	1.08

```
* Generalized Estimating Equations.
GENLIN Reinjure_all (REFERENCE=FIRST) BY Intervention (ORDER=ASCENDING)
  /MODEL Intervention INTERCEPT=YES
 DISTRIBUTION=BINOMIAL LINK=LOGIT
  /CRITERIA METHOD=FISHER(1) SCALE=1 MAXITERATIONS=100 MAXSTEPHALVING=5
PCONVERGE=1E-006(ABSOLUTE)
     SINGULAR=1E-012 ANALYSISTYPE=3(WALD) CILEVEL=95 LIKELIHOOD=FULL
  /EMMEANS TABLES=Intervention SCALE=ORIGINAL
  /REPEATED SUBJECT=Team WITHINSUBJECT=Player SORT=YES CORRTYPE=INDEPENDENT ADJUSTCORR=YES
     COVB=ROBUST MAXITERATIONS=100 PCONVERGE=1e-006(ABSOLUTE) UPDATECORR=1
  /MISSING CLASSMISSING=EXCLUDE
  /PRINT CPS DESCRIPTIVES MODELINFO SUMMARY SOLUTION (EXPONENTIATED).
```

Generalized Linear Models

Notes

Output Created		11-SEP-2020 03:06:04
Comments		
Input	Data	/Users//OneDrive - /RCT Study/Kids RCT/Kids_RCT_final.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	94
Missing Value Handling	Definition of Missing	User-defined missing values for factor, subject and within-subject variables are treated as missing.
	Cases Used	Statistics are based on cases with valid data for all variables in the model.
Weight Handling		not applicable

Syntax		GENLIN Reinjure_all (REFERENCE=FIRST) BY Intervention (ORDER=ASCENDING) /MODEL Intervention INTERCEPT=YES DISTRIBUTION=BINOMIAL LINK=LOGIT /CRITERIA METHOD=FISHER(1) SCALE=1 MAXITERATIONS=100 MAXSTEPHALVING=5 PCONVERGE=1E-006(ABSOLUTE) SINGULAR=1E-012 ANALYSISTYPE=3(WALD) CILEVEL=95 LIKELIHOOD=FULL /EMMEANS TABLES=Intervention SCALE=ORIGINAL /REPEATED SUBJECT=Team WITHINSUBJECT=Player SORT=YES CORRTYPE=INDEPENDENT ADJUSTCORR=YES COVB=ROBUST MAXITERATIONS=100 PCONVERGE=1e-006(ABSOLUTE) UPDATECORR=1 /MISSING CLASSMISSING=EXCLUDE /PRINT CPS DESCRIPTIVES MODELINFO SUMMARY SOLUTION (EXPONENTIATED).
Resources	Processor Time	00:00:00.06
	Elapsed Time	00:00:00.00

Model Information

Dependent Variable		Reinjure_all[a]
Probability Distribution		Binomial
Link Function		Logit
Subject Effect	1	Team
Within-Subject Effect	1	Player
Working Correlation Matrix Structure		Independent

a. The procedure models 1.00 as the response, treating .00 as the reference category.

Case Processing Summary

	N	Percent
Included	94	100.0%
Excluded	0	0.0%
Total	94	100.0%

Correlated Data Summary

Number of Levels	Subject Effect	Team	6
	Within-Subject Effect	Player	94
Number of Subjects			6
Number of Measurements per Subject	Minimum		13
	Maximum		20
Correlation Matrix Dimension			94

Categorical Variable Information

			N	Percent
Dependent Variable	Reinjure_all	.00	87	92.6%
		1.00	7	7.4%
		Total	94	100.0%
Factor	Intervention	Control	47	50.0%
		Intervention	47	50.0%
		Total	94	100.0%

Tests of Model Effects

Source	Type III Wald Chi-Square	df	Sig.
(Intercept)	21.222	1	.000
Intervention	.406	1	.524

Dependent Variable: Reinjure_all
Model: (Intercept), Intervention

Parameter Estimates

Parameter	B	Std. Error	95% Wald Confidence Interval Lower	95% Wald Confidence Interval Upper	Hypothesis Test Wald Chi-Square	Hypothesis Test df	Hypothesis Test Sig.	Exp(B)
(Intercept)	-3.114	.9537	-4.983	-1.244	10.657	1	.001	.044
[Intervention=0]	.985	1.5470	-2.047	4.017	.406	1	.524	2.679
[Intervention=1]	0[a]	.	.	.	.	.	.	1
(Scale)	1							

Parameter Estimates

Parameter	95% Wald Confidence Interval for Exp(B) Lower	Upper
(Intercept)	.007	.288
[Intervention=0]	.129	55.549
[Intervention=1]	.	.
(Scale)		

Dependent Variable: Reinjure_all
Model: (Intercept), Intervention
a. Set to zero because this parameter is redundant.

Estimated Marginal Means: Intervention

Estimates

Intervention	Mean	Std. Error	95% Wald Confidence Interval Lower	95% Wald Confidence Interval Upper
Control	.11	.092	.02	.44
Intervention	.04	.039	.01	.22

```
USE ALL.
COMPUTE filter_$=(Incident > 0).
VARIABLE LABELS filter_$ 'Incident > 0 (FILTER)'.
VALUE LABELS filter_$ 0 'Not Selected' 1 'Selected'.
FORMATS filter_$ (f1.0).
FILTER BY filter_$.
EXECUTE.
* Generalized Estimating Equations.
GENLIN Severity (ORDER=ASCENDING) BY Intervention (ORDER=ASCENDING)
  /MODEL Intervention
 DISTRIBUTION=MULTINOMIAL LINK=CUMLOGIT
  /CRITERIA METHOD=FISHER(1) SCALE=1 MAXITERATIONS=100 MAXSTEPHALVING=5
PCONVERGE=1E-006(ABSOLUTE)
```

SINGULAR=1E-012 ANALYSISTYPE=3(WALD) CILEVEL=95 LIKELIHOOD=FULL
/REPEATED SUBJECT=Team WITHINSUBJECT=Player SORT=YES CORRTYPE=INDEPENDENT ADJUSTCORR=YES
COVB=ROBUST MAXITERATIONS=100 PCONVERGE=1e-006(ABSOLUTE) UPDATECORR=1
/MISSING CLASSMISSING=EXCLUDE
/PRINT CPS DESCRIPTIVES MODELINFO SUMMARY SOLUTION (EXPONENTIATED).

Generalized Linear Models

Notes

Output Created		11-SEP-2020 03:07:22
Comments		
Input	Data	/Users//OneDrive - /RCT Study/Kids RCT/Kids_RCT_final.sav
	Active Dataset	DataSet1
	Filter	Incident > 0 (FILTER)
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	85
Missing Value Handling	Definition of Missing	User-defined missing values for factor, subject and within-subject variables are treated as missing.
	Cases Used	Statistics are based on cases with valid data for all variables in the model.
Weight Handling		not applicable
Syntax		GENLIN Severity (ORDER=ASCENDING) BY Intervention (ORDER=ASCENDING) /MODEL Intervention DISTRIBUTION=MULTINOMIAL LINK=CUMLOGIT /CRITERIA METHOD=FISHER(1) SCALE=1 MAXITERATIONS=100 MAXSTEPHALVING=5 PCONVERGE=1E-006(ABSOLUTE) SINGULAR=1E-012 ANALYSISTYPE=3(WALD) CILEVEL=95 LIKELIHOOD=FULL /REPEATED SUBJECT=Team WITHINSUBJECT=Player SORT=YES CORRTYPE=INDEPENDENT ADJUSTCORR=YES COVB=ROBUST MAXITERATIONS=100 PCONVERGE=1e-006(ABSOLUTE) UPDATECORR=1 /MISSING CLASSMISSING=EXCLUDE /PRINT CPS DESCRIPTIVES MODELINFO SUMMARY SOLUTION (EXPONENTIATED).
Resources	Processor Time	00:00:00.08
	Elapsed Time	00:00:00.00

Model Information

Dependent Variable		Severity[a]
Probability Distribution		Multinomial
Link Function		Cumulative logit
Subject Effect	1	Team
Within-Subject Effect	1	Player
Working Correlation Matrix Structure		Independent

a. The procedure applies the cumulative link function to the dependent variable values in ascending order.

Case Processing Summary

	N	Percent
Included	79	92.9%
Excluded	6	7.1%
Total	85	100.0%

Correlated Data Summary

Number of Levels	Subject Effect	Team	6
	Within-Subject Effect	Player	79
Number of Subjects			6
Number of Measurements per Subject	Minimum		9
	Maximum		17
Correlation Matrix Dimension			79

Categorical Variable Information

			N	Percent
Dependent Variable	Severity	1 to 7 days missed	38	48.1%
		8 to 21 days missed	32	40.5%
		> 21 days missed	9	11.4%
		Total	79	100.0%
Factor	Intervention	Control	42	53.2%
		Intervention	37	46.8%
		Total	79	100.0%

Tests of Model Effects

Source	Type III Wald Chi-Square	df	Sig.
Intervention	.001	1	.974

Dependent Variable: Severity
Model: (Threshold), Intervention

Parameter Estimates

				95% Wald Confidence Interval		Hypothesis Test		
Parameter		B	Std. Error	Lower	Upper	Wald Chi-Square	df	Sig.
Threshold	[Severity=1]	-.083	.4090	-.885	.718	.041	1	.839
	[Severity=2]	2.044	.3736	1.312	2.776	29.933	1	.000
[Intervention=0]		-.014	.4343	-.865	.837	.001	1	.974
[Intervention=1]		0[a]	.	.	.	.	.	.
(Scale)		1						

Parameter Estimates

			95% Wald Confidence Interval for Exp(B)	
Parameter		Exp(B)	Lower	Upper
Threshold	[Severity=1]	.920	.413	2.051
	[Severity=2]	7.722	3.713	16.060

[Intervention=0]	.986	.421	2.310
[Intervention=1]	1	.	.
(Scale)			

Dependent Variable: Severity
Model: (Threshold), Intervention
a. Set to zero because this parameter is redundant.

```
* Generalized Estimating Equations.
GENLIN Adhere (REFERENCE=FIRST) BY Intervention (ORDER=ASCENDING)
  /MODEL Intervention INTERCEPT=YES
 DISTRIBUTION=BINOMIAL LINK=LOGIT
  /CRITERIA METHOD=FISHER(1) SCALE=1 MAXITERATIONS=100 MAXSTEPHALVING=5
PCONVERGE=1E-006(ABSOLUTE)
     SINGULAR=1E-012 ANALYSISTYPE=3(WALD) CILEVEL=95 LIKELIHOOD=FULL
  /EMMEANS TABLES=Intervention SCALE=ORIGINAL
  /REPEATED SUBJECT=Team WITHINSUBJECT=Player SORT=YES CORRTYPE=INDEPENDENT ADJUSTCORR=YES
     COVB=ROBUST MAXITERATIONS=100 PCONVERGE=1e-006(ABSOLUTE) UPDATECORR=1
  /MISSING CLASSMISSING=EXCLUDE
  /PRINT CPS DESCRIPTIVES MODELINFO FIT SUMMARY SOLUTION (EXPONENTIATED).
```

Generalized Linear Models

Notes

Output Created		11-SEP-2020 03:10:08
Comments		
Input	Data	/Users//OneDrive - /RCT Study/Kids RCT/Kids_RCT_final.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	94
Missing Value Handling	Definition of Missing	User-defined missing values for factor, subject and within-subject variables are treated as missing.
	Cases Used	Statistics are based on cases with valid data for all variables in the model.
Weight Handling		not applicable

Syntax		GENLIN Adhere (REFERENCE=FIRST) BY Intervention (ORDER=ASCENDING) /MODEL Intervention INTERCEPT=YES DISTRIBUTION=BINOMIAL LINK=LOGIT /CRITERIA METHOD=FISHER(1) SCALE=1 MAXITERATIONS=100 MAXSTEPHALVING=5 PCONVERGE=1E-006(ABSOLUTE) SINGULAR=1E-012 ANALYSISTYPE=3(WALD) CILEVEL=95 LIKELIHOOD=FULL /EMMEANS TABLES=Intervention SCALE=ORIGINAL /REPEATED SUBJECT=Team WITHINSUBJECT=Player SORT=YES CORRTYPE=INDEPENDENT ADJUSTCORR=YES COVB=ROBUST MAXITERATIONS=100 PCONVERGE=1e-006(ABSOLUTE) UPDATECORR=1 /MISSING CLASSMISSING=EXCLUDE /PRINT CPS DESCRIPTIVES MODELINFO FIT SUMMARY SOLUTION (EXPONENTIATED).
Resources	Processor Time	00:00:00.06
	Elapsed Time	00:00:00.00

Model Information

Dependent Variable		Adhere[a]
Probability Distribution		Binomial
Link Function		Logit
Subject Effect	1	Team
Within-Subject Effect	1	Player
Working Correlation Matrix Structure		Independent

a. The procedure models 1.00 as the response, treating .00 as the reference category.

Case Processing Summary

	N	Percent
Included	94	100.0%
Excluded	0	0.0%
Total	94	100.0%

Correlated Data Summary

Number of Levels	Subject Effect	Team	6
	Within-Subject Effect	Player	94
Number of Subjects			6
Number of Measurements per Subject	Minimum		13
	Maximum		20
Correlation Matrix Dimension			94

Categorical Variable Information

			N	Percent
Dependent Variable	Adhere	.00	6	6.4%
		1.00	88	93.6%
		Total	94	100.0%
Factor	Intervention	Control	47	50.0%
		Intervention	47	50.0%
		Total	94	100.0%

Goodness of Fit[a]

	Value
Quasi Likelihood under Independence Model Criterion (QIC)[b]	47.116
Corrected Quasi Likelihood under Independence Model Criterion (QICC)[b]	47.902

Dependent Variable: Adhere
Model: (Intercept), Intervention[a]
a. Information criteria are in smaller-is-better form.
b. Computed using the full log quasi-likelihood function.

Tests of Model Effects

Source	Type III Wald Chi-Square	df	Sig.
(Intercept)	126.299	1	.000
Intervention	.607	1	.436

Dependent Variable: Adhere
Model: (Intercept), Intervention

Parameter Estimates

Parameter	B	Std. Error	95% Wald Confidence Interval Lower	95% Wald Confidence Interval Upper	Hypothesis Test Wald Chi-Square	Hypothesis Test df	Hypothesis Test Sig.	Exp(B)
(Intercept)	3.114	.5209	2.093	4.135	35.724	1	.000	22.500
[Intervention=0]	-.739	.9479	-2.596	1.119	.607	1	.436	.478
[Intervention=1]	0[a]	.	.	.	.	.	.	1
(Scale)	1							

Parameter Estimates

Parameter	95% Wald Confidence Interval for Exp(B) Lower	Upper
(Intercept)	8.105	62.458
[Intervention=0]	.075	3.062
[Intervention=1]	.	.
(Scale)		

Dependent Variable: Adhere
Model: (Intercept), Intervention
a. Set to zero because this parameter is redundant.

Estimated Marginal Means: Intervention

Estimates

Intervention	Mean	Std. Error	95% Wald Confidence Interval Lower	95% Wald Confidence Interval Upper

Control	.91	.042	.79	.97
Intervention	.96	.021	.89	.98

```
* Generalized Estimating Equations.
GENLIN Incident (REFERENCE=FIRST) BY Intervention Age_category (ORDER=ASCENDING)
  /MODEL Intervention Age_category Intervention*Age_category INTERCEPT=YES
 DISTRIBUTION=BINOMIAL LINK=LOGIT
  /CRITERIA METHOD=FISHER(1) SCALE=1 MAXITERATIONS=100 MAXSTEPHALVING=5
PCONVERGE=1E-006(ABSOLUTE)
     SINGULAR=1E-012 ANALYSISTYPE=3(WALD) CILEVEL=95 LIKELIHOOD=FULL
  /EMMEANS TABLES=Intervention*Age_category SCALE=ORIGINAL
  /REPEATED SUBJECT=Team WITHINSUBJECT=Player SORT=YES CORRTYPE=UNSTRUCTURED ADJUSTCORR=YES
     COVB=ROBUST MAXITERATIONS=100 PCONVERGE=1e-006(ABSOLUTE) UPDATECORR=1
  /MISSING CLASSMISSING=EXCLUDE
  /PRINT CPS DESCRIPTIVES MODELINFO FIT SUMMARY SOLUTION (EXPONENTIATED).
```

Generalized Linear Models

Notes

Output Created		13-SEP-2020 12:59:00
Comments		
Input	Data	/Users//OneDrive - /RCT Study/Kids RCT/Kids_RCT_final.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	94
Missing Value Handling	Definition of Missing	User-defined missing values for factor, subject and within-subject variables are treated as missing.
	Cases Used	Statistics are based on cases with valid data for all variables in the model.
Weight Handling		not applicable

Syntax		GENLIN Incident (REFERENCE=FIRST) BY Intervention Age_category (ORDER=ASCENDING) /MODEL Intervention Age_category Intervention*Age_category INTERCEPT=YES DISTRIBUTION=BINOMIAL LINK=LOGIT /CRITERIA METHOD=FISHER(1) SCALE=1 MAXITERATIONS=100 MAXSTEPHALVING=5 PCONVERGE=1E-006(ABSOLUTE) SINGULAR=1E-012 ANALYSISTYPE=3(WALD) CILEVEL=95 LIKELIHOOD=FULL /EMMEANS TABLES=Intervention*Age_category SCALE=ORIGINAL /REPEATED SUBJECT=Team WITHINSUBJECT=Player SORT=YES CORRTYPE=UNSTRUCTURED ADJUSTCORR=YES COVB=ROBUST MAXITERATIONS=100 PCONVERGE=1e-006(ABSOLUTE) UPDATECORR=1 /MISSING CLASSMISSING=EXCLUDE /PRINT CPS DESCRIPTIVES MODELINFO FIT SUMMARY SOLUTION (EXPONENTIATED).
Resources	Processor Time	00:00:00.50
	Elapsed Time	00:00:00.00

[DataSet1] /Users//OneDrive - /RCT Study/Kids RCT/Kids_RCT_final.sav

Model Information

Dependent Variable		Incident[a]
Probability Distribution		Binomial
Link Function		Logit
Subject Effect	1	Team
Within-Subject Effect	1	Player
Working Correlation Matrix Structure		Unstructured

a. The procedure models 1 as the response, treating 0 as the reference category.

Case Processing Summary

	N	Percent
Included	94	100.0%
Excluded	0	0.0%
Total	94	100.0%

Correlated Data Summary

Number of Levels	Subject Effect	Team	6
	Within-Subject Effect	Player	94

Number of Subjects		6
Number of Measurements per Subject	Minimum	13
	Maximum	20
Correlation Matrix Dimension		94

Categorical Variable Information

			N	Percent
Dependent Variable	Incident	0	9	9.6%
		1	85	90.4%
		Total	94	100.0%
Factor	Intervention	Control	47	50.0%
		Intervention	47	50.0%
		Total	94	100.0%
	Age_category	8 - 9	26	27.7%
		10 - 11	31	33.0%
		12 - 13	37	39.4%
		Total	94	100.0%

Goodness of Fit[a]

	Value
Quasi Likelihood under Independence Model Criterion (QIC)[b]	129.299
Corrected Quasi Likelihood under Independence Model Criterion (QICC)[b]	141.299

Dependent Variable: Incident
Model: (Intercept), Intervention, Age_category, Intervention * Age_category[a]
a. Information criteria are in smaller-is-better form.
b. Computed using the full log quasi-likelihood function.

Tests of Model Effects

Source	Type III Wald Chi-Square	df	Sig.
(Intercept)	19.083	1	.000
Intervention	142.738	1	.000
Age_category	5.854	2	.054
Intervention * Age_category	39.163	2	.000

Dependent Variable: Incident
Model: (Intercept), Intervention, Age_category, Intervention * Age_category

Parameter Estimates

			95% Wald Confidence Interval		Hypothesis Test		
Parameter	B	Std. Error	Lower	Upper	Wald Chi-Square	df	Sig.
(Intercept)	.005	.0002	.004	.005	515.736	1	.000
[Intervention=0]	.002	.0010	.000	.004	2.651	1	.104
[Intervention=1]	0[a]	.	.	.	.	.	.
[Age_category=1]	-.001	.0025	-.006	.004	.186	1	.666
[Age_category=2]	.015	.0076	.000	.030	3.965	1	.046
[Age_category=3]	0[a]	.	.	.	.	.	.
[Intervention=0] * [Age_category=1]	.004	.0011	.002	.006	12.335	1	.000
[Intervention=0] * [Age_category=2]	.008	.0013	.006	.011	38.486	1	.000
[Intervention=0] * [Age_category=3]	0[a]	.	.	.	.	.	.

[Intervention=1] * [Age_category=1]	0[a]	.	.	.	.	.	.
[Intervention=1] * [Age_category=2]	0[a]	.	.	.	.	.	.
[Intervention=1] * [Age_category=3]	0[a]	.	.	.	.	.	.
(Scale)	1						

Parameter Estimates

Parameter	Exp(B)	95% Wald Confidence Interval for Exp(B) Lower	Upper
(Intercept)	1.005	1.004	1.005
[Intervention=0]	1.002	1.000	1.004
[Intervention=1]	1	.	.
[Age_category=1]	.999	.994	1.004
[Age_category=2]	1.015	1.000	1.030
[Age_category=3]	1	.	.
[Intervention=0] * [Age_category=1]	1.004	1.002	1.006
[Intervention=0] * [Age_category=2]	1.008	1.006	1.011
[Intervention=0] * [Age_category=3]	1	.	.
[Intervention=1] * [Age_category=1]	1	.	.
[Intervention=1] * [Age_category=2]	1	.	.
[Intervention=1] * [Age_category=3]	1	.	.
(Scale)			

Dependent Variable: Incident
Model: (Intercept), Intervention, Age_category, Intervention * Age_category
a. Set to zero because this parameter is redundant.

Estimated Marginal Means: Intervention* Age_category

Estimates

Intervention	Age_category	Mean	Std. Error	95% Wald Confidence Interval Lower	Upper
Control	8 - 9	.50	.001	.50	.50
	10 - 11	.51	.002	.50	.51
	12 - 13	.50	.000	.50	.50
Intervention	8 - 9	.50	.001	.50	.50
	10 - 11	.50	.002	.50	.51
	12 - 13	.50	.000	.50	.50

```
* Generalized Estimating Equations.
GENLIN Initial BY Intervention (ORDER=ASCENDING)
  /MODEL Intervention INTERCEPT=YES
 DISTRIBUTION=POISSON LINK=LOG
  /CRITERIA METHOD=FISHER(1) SCALE=1 MAXITERATIONS=100 MAXSTEPHALVING=5
PCONVERGE=1E-006(ABSOLUTE)
     SINGULAR=1E-012 ANALYSISTYPE=3(WALD) CILEVEL=95 LIKELIHOOD=FULL
  /EMMEANS TABLES=Intervention SCALE=ORIGINAL
  /REPEATED SUBJECT=Team WITHINSUBJECT=Player SORT=YES CORRTYPE=INDEPENDENT ADJUSTCORR=YES
     COVB=ROBUST MAXITERATIONS=100 PCONVERGE=1e-006(ABSOLUTE) UPDATECORR=1
  /MISSING CLASSMISSING=EXCLUDE
  /PRINT CPS DESCRIPTIVES MODELINFO FIT SUMMARY SOLUTION (EXPONENTIATED).
```

Generalized Linear Models

Notes

Output Created		23-OCT-2020 20:55:47
Comments		
Input	Data	/Users//OneDrive - /RCT Study/Kids RCT/Kids_RCT_final.sav
	Active Dataset	DataSet1
	Filter	<none>
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	N of Rows in Working Data File	94
Missing Value Handling	Definition of Missing	User-defined missing values for factor, subject and within-subject variables are treated as missing.
	Cases Used	Statistics are based on cases with valid data for all variables in the model.
Weight Handling		not applicable

Syntax		GENLIN Initial BY Intervention (ORDER=ASCENDING) /MODEL Intervention INTERCEPT=YES DISTRIBUTION=POISSON LINK=LOG /CRITERIA METHOD=FISHER(1) SCALE=1 MAXITERATIONS=100 MAXSTEPHALVING=5 PCONVERGE=1E-006(ABSOLUTE) SINGULAR=1E-012 ANALYSISTYPE=3(WALD) CILEVEL=95 LIKELIHOOD=FULL /EMMEANS TABLES=Intervention SCALE=ORIGINAL /REPEATED SUBJECT=Team WITHINSUBJECT=Player SORT=YES CORRTYPE=INDEPENDENT ADJUSTCORR=YES COVB=ROBUST MAXITERATIONS=100 PCONVERGE=1e-006(ABSOLUTE) UPDATECORR=1 /MISSING CLASSMISSING=EXCLUDE /PRINT CPS DESCRIPTIVES MODELINFO FIT SUMMARY SOLUTION (EXPONENTIATED).
Resources	Processor Time	00:00:00.06
	Elapsed Time	00:00:01.00

Model Information

Dependent Variable		Initial
Probability Distribution		Poisson
Link Function		Log
Subject Effect	1	Team
Within-Subject Effect	1	Player
Working Correlation Matrix Structure		Independent

Case Processing Summary

	N	Percent
Included	94	100.0%
Excluded	0	0.0%
Total	94	100.0%

Correlated Data Summary

Number of Levels	Subject Effect	Team	6
	Within-Subject Effect	Player	94
Number of Subjects			6
Number of Measurements per Subject	Minimum		13
	Maximum		20
Correlation Matrix Dimension			94

Categorical Variable Information

			N	Percent
Factor	Intervention	Control	47	50.0%
		Intervention	47	50.0%

	Total	94	100.0%

Continuous Variable Information

		N	Minimum	Maximum	Mean	Std. Deviation
Dependent Variable	Initial	94	0	4	1.40	.896

Goodness of Fit[a]

	Value
Quasi Likelihood under Independence Model Criterion (QIC)[b]	45.401
Corrected Quasi Likelihood under Independence Model Criterion (QICC)[b]	48.819

Dependent Variable: Initial
Model: (Intercept), Intervention[a]
a. Information criteria are in smaller-is-better form.
b. Computed using the full log quasi-likelihood function.

Tests of Model Effects

Source	Type III Wald Chi-Square	df	Sig.
(Intercept)	61.808	1	.000
Intervention	74.930	1	.000

Dependent Variable: Initial
Model: (Intercept), Intervention

Parameter Estimates

Parameter	B	Std. Error	95% Wald Confidence Interval Lower	95% Wald Confidence Interval Upper	Hypothesis Test Wald Chi-Square	df	Sig.	Exp(B)
(Intercept)	-.089	.0724	-.231	.053	1.511	1	.219	.915
[Intervention=0]	.727	.0840	.563	.892	74.930	1	.000	2.070
[Intervention=1]	0[a]	.	.	.	.	.	.	1
(Scale)	1							

Parameter Estimates

Parameter	95% Wald Confidence Interval for Exp(B) Lower	Upper
(Intercept)	.794	1.054
[Intervention=0]	1.755	2.440
[Intervention=1]	.	.
(Scale)		

Dependent Variable: Initial
Model: (Intercept), Intervention
a. Set to zero because this parameter is redundant.

Estimated Marginal Means: Intervention

Estimates

Intervention	Mean	Std. Error	95% Wald Confidence Interval Lower	Upper
Control	1.89	.051	1.80	2.00
Intervention	.91	.066	.79	1.05

```
* Generalized Estimating Equations.
GENLIN Recurrent BY Intervention (ORDER=ASCENDING)
  /MODEL Intervention INTERCEPT=YES
 DISTRIBUTION=POISSON LINK=LOG
  /CRITERIA METHOD=FISHER(1) SCALE=1 MAXITERATIONS=100 MAXSTEPHALVING=5
PCONVERGE=1E-006(ABSOLUTE)
     SINGULAR=1E-012 ANALYSISTYPE=3(WALD) CILEVEL=95 LIKELIHOOD=FULL
  /EMMEANS TABLES=Intervention SCALE=ORIGINAL
  /REPEATED SUBJECT=Team WITHINSUBJECT=Player SORT=YES CORRTYPE=INDEPENDENT ADJUSTCORR=YES
     COVB=ROBUST MAXITERATIONS=100 PCONVERGE=1e-006(ABSOLUTE) UPDATECORR=1
  /MISSING CLASSMISSING=EXCLUDE
  /PRINT CPS DESCRIPTIVES MODELINFO SUMMARY SOLUTION (EXPONENTIATED).
```

Generalized Linear Models

Notes

Output Created		23-OCT-2020 20:56:15
Comments		
Input	Data	/Users//OneDrive - /RCT Study/Kids RCT/Kids_RCT_final.sav
	Active Dataset	DataSet1
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	Split File	<none>
	N of Rows in Working Data File	94
Missing Value Handling	Definition of Missing	User-defined missing values for factor, subject and within-subject variables are treated as missing.
	Cases Used	Statistics are based on cases with valid data for all variables in the model.
Weight Handling		not applicable

Syntax		GENLIN Recurrent BY Intervention (ORDER=ASCENDING) /MODEL Intervention INTERCEPT=YES DISTRIBUTION=POISSON LINK=LOG /CRITERIA METHOD=FISHER(1) SCALE=1 MAXITERATIONS=100 MAXSTEPHALVING=5 PCONVERGE=1E-006(ABSOLUTE) SINGULAR=1E-012 ANALYSISTYPE=3(WALD) CILEVEL=95 LIKELIHOOD=FULL /EMMEANS TABLES=Intervention SCALE=ORIGINAL /REPEATED SUBJECT=Team WITHINSUBJECT=Player SORT=YES CORRTYPE=INDEPENDENT ADJUSTCORR=YES COVB=ROBUST MAXITERATIONS=100 PCONVERGE=1e-006(ABSOLUTE) UPDATECORR=1 /MISSING CLASSMISSING=EXCLUDE /PRINT CPS DESCRIPTIVES MODELINFO SUMMARY SOLUTION (EXPONENTIATED).
Resources	Processor Time	00:00:00.09
	Elapsed Time	00:00:00.00

Model Information

Dependent Variable		Recurrent
Probability Distribution		Poisson
Link Function		Log
Subject Effect	1	Team
Within-Subject Effect	1	Player
Working Correlation Matrix Structure		Independent

Case Processing Summary

	N	Percent
Included	94	100.0%
Excluded	0	0.0%
Total	94	100.0%

Correlated Data Summary

Number of Levels	Subject Effect	Team	6
	Within-Subject Effect	Player	94
Number of Subjects			6
Number of Measurements per Subject	Minimum		13
	Maximum		20
Correlation Matrix Dimension			94

Categorical Variable Information

			N	Percent
Factor	Intervention	Control	47	50.0%
		Intervention	47	50.0%

	Total	94	100.0%

Continuous Variable Information

		N	Minimum	Maximum	Mean	Std. Deviation
Dependent Variable	Recurrent	94	0	1	.07	.264

Tests of Model Effects

Source	Type III Wald Chi-Square	df	Sig.
(Intercept)	26.248	1	.000
Intervention	.410	1	.522

Dependent Variable: Recurrent
Model: (Intercept), Intervention

Parameter Estimates

Parameter	B	Std. Error	95% Wald Confidence Interval Lower	95% Wald Confidence Interval Upper	Hypothesis Test Wald Chi-Square	df	Sig.	Exp(B)
(Intercept)	-3.157	.9132	-4.947	-1.367	11.952	1	.001	.043
[Intervention=0]	.916	1.4317	-1.890	3.722	.410	1	.522	2.500
[Intervention=1]	0[a]	.	.	.	.	.	.	1
(Scale)	1							

Parameter Estimates

Parameter	95% Wald Confidence Interval for Exp(B) Lower	Upper
(Intercept)	.007	.255
[Intervention=0]	.151	41.363
[Intervention=1]	.	.
(Scale)		

Dependent Variable: Recurrent
Model: (Intercept), Intervention
a. Set to zero because this parameter is redundant.

Estimated Marginal Means: Intervention

Estimates

Intervention	Mean	Std. Error	95% Wald Confidence Interval Lower	Upper
Control	.11	.092	.02	.58
Intervention	.04	.039	.01	.25

```
* Generalized Estimating Equations.
GENLIN Contact BY Intervention (ORDER=ASCENDING)
  /MODEL Intervention INTERCEPT=YES
 DISTRIBUTION=POISSON LINK=LOG
  /CRITERIA METHOD=FISHER(1) SCALE=1 MAXITERATIONS=100 MAXSTEPHALVING=5
PCONVERGE=1E-006(ABSOLUTE)
    SINGULAR=1E-012 ANALYSISTYPE=3(WALD) CILEVEL=95 LIKELIHOOD=FULL
  /EMMEANS TABLES=Intervention SCALE=ORIGINAL
  /REPEATED SUBJECT=Team WITHINSUBJECT=Player SORT=YES CORRTYPE=INDEPENDENT ADJUSTCORR=YES
    COVB=ROBUST MAXITERATIONS=100 PCONVERGE=1e-006(ABSOLUTE) UPDATECORR=1
  /MISSING CLASSMISSING=EXCLUDE
  /PRINT CPS DESCRIPTIVES MODELINFO SUMMARY SOLUTION (EXPONENTIATED).
```

Generalized Linear Models

Notes

Output Created		23-OCT-2020 20:57:13
Comments		
Input	Data	/Users//OneDrive - /RCT Study/Kids RCT/Kids_RCT_final.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	94
Missing Value Handling	Definition of Missing	User-defined missing values for factor, subject and within-subject variables are treated as missing.
	Cases Used	Statistics are based on cases with valid data for all variables in the model.
Weight Handling		not applicable
Syntax		GENLIN Contact BY Intervention (ORDER=ASCENDING) /MODEL Intervention INTERCEPT=YES DISTRIBUTION=POISSON LINK=LOG /CRITERIA METHOD=FISHER(1) SCALE=1 MAXITERATIONS=100 MAXSTEPHALVING=5 PCONVERGE=1E-006(ABSOLUTE) SINGULAR=1E-012 ANALYSISTYPE=3(WALD) CILEVEL=95 LIKELIHOOD=FULL /EMMEANS TABLES=Intervention SCALE=ORIGINAL /REPEATED SUBJECT=Team WITHINSUBJECT=Player SORT=YES CORRTYPE=INDEPENDENT ADJUSTCORR=YES COVB=ROBUST MAXITERATIONS=100 PCONVERGE=1e-006(ABSOLUTE) UPDATECORR=1 /MISSING CLASSMISSING=EXCLUDE /PRINT CPS DESCRIPTIVES MODELINFO SUMMARY SOLUTION (EXPONENTIATED).
Resources	Processor Time	00:00:00.09
	Elapsed Time	00:00:00.00

Model Information

Dependent Variable		Contact
Probability Distribution		Poisson
Link Function		Log
Subject Effect	1	Team
Within-Subject Effect	1	Player

Working Correlation Matrix Structure	Independent

Case Processing Summary

	N	Percent
Included	94	100.0%
Excluded	0	0.0%
Total	94	100.0%

Correlated Data Summary

Number of Levels	Subject Effect	Team	6
	Within-Subject Effect	Player	94
Number of Subjects			6
Number of Measurements per Subject	Minimum		13
	Maximum		20
Correlation Matrix Dimension			94

Categorical Variable Information

			N	Percent
Factor	Intervention	Control	47	50.0%
		Intervention	47	50.0%
		Total	94	100.0%

Continuous Variable Information

		N	Minimum	Maximum	Mean	Std. Deviation
Dependent Variable	Contact	94	0	3	.78	.750

Tests of Model Effects

Source	Type III Wald Chi-Square	df	Sig.
(Intercept)	2.605	1	.107
Intervention	31.125	1	.000

Dependent Variable: Contact
Model: (Intercept), Intervention

Parameter Estimates

			95% Wald Confidence Interval		Hypothesis Test			
Parameter	B	Std. Error	Lower	Upper	Wald Chi-Square	df	Sig.	Exp(B)
(Intercept)	-.518	.1753	-.861	-.174	8.731	1	.003	.596
[Intervention=0]	.474	.0850	.308	.641	31.125	1	.000	1.607
[Intervention=1]	0[a]	.	.	.	.	.	.	1
(Scale)	1							

Parameter Estimates

	95% Wald Confidence Interval for Exp(B)	
Parameter	Lower	Upper
(Intercept)	.423	.840
[Intervention=0]	1.360	1.899
[Intervention=1]	.	.
(Scale)		

Dependent Variable: Contact
Model: (Intercept), Intervention
a. Set to zero because this parameter is redundant.

Estimated Marginal Means: Intervention

Estimates

Intervention	Mean	Std. Error	95% Wald Confidence Interval Lower	Upper
Control	.96	.175	.67	1.37
Intervention	.60	.104	.42	.84

```
* Generalized Estimating Equations.
GENLIN Non_contact BY Intervention (ORDER=ASCENDING)
  /MODEL Intervention INTERCEPT=YES
 DISTRIBUTION=POISSON LINK=LOG
  /CRITERIA METHOD=FISHER(1) SCALE=1 MAXITERATIONS=100 MAXSTEPHALVING=5
PCONVERGE=1E-006(ABSOLUTE)
    SINGULAR=1E-012 ANALYSISTYPE=3(WALD) CILEVEL=95 LIKELIHOOD=FULL
  /EMMEANS TABLES=Intervention SCALE=ORIGINAL
  /REPEATED SUBJECT=Team WITHINSUBJECT=Player SORT=YES CORRTYPE=INDEPENDENT ADJUSTCORR=YES
    COVB=ROBUST MAXITERATIONS=100 PCONVERGE=1e-006(ABSOLUTE) UPDATECORR=1
  /MISSING CLASSMISSING=EXCLUDE
  /PRINT CPS DESCRIPTIVES MODELINFO SUMMARY SOLUTION (EXPONENTIATED).
```

Generalized Linear Models

Notes

Output Created		23-OCT-2020 20:57:32
Comments		
Input	Data	/Users//OneDrive - /RCT Study/Kids RCT/Kids_RCT_final.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	94
Missing Value Handling	Definition of Missing	User-defined missing values for factor, subject and within-subject variables are treated as missing.
	Cases Used	Statistics are based on cases with valid data for all variables in the model.
Weight Handling		not applicable

Syntax		GENLIN Non_contact BY Intervention (ORDER=ASCENDING) /MODEL Intervention INTERCEPT=YES DISTRIBUTION=POISSON LINK=LOG /CRITERIA METHOD=FISHER(1) SCALE=1 MAXITERATIONS=100 MAXSTEPHALVING=5 PCONVERGE=1E-006(ABSOLUTE) SINGULAR=1E-012 ANALYSISTYPE=3(WALD) CILEVEL=95 LIKELIHOOD=FULL /EMMEANS TABLES=Intervention SCALE=ORIGINAL /REPEATED SUBJECT=Team WITHINSUBJECT=Player SORT=YES CORRTYPE=INDEPENDENT ADJUSTCORR=YES COVB=ROBUST MAXITERATIONS=100 PCONVERGE=1e-006(ABSOLUTE) UPDATECORR=1 /MISSING CLASSMISSING=EXCLUDE /PRINT CPS DESCRIPTIVES MODELINFO SUMMARY SOLUTION (EXPONENTIATED).
Resources	Processor Time	00:00:00.08
	Elapsed Time	00:00:01.00

Model Information

Dependent Variable		Non_contact
Probability Distribution		Poisson
Link Function		Log
Subject Effect	1	Team
Within-Subject Effect	1	Player
Working Correlation Matrix Structure		Independent

Case Processing Summary

	N	Percent
Included	94	100.0%
Excluded	0	0.0%
Total	94	100.0%

Correlated Data Summary

Number of Levels	Subject Effect	Team	6
	Within-Subject Effect	Player	94
Number of Subjects			6
Number of Measurements per Subject	Minimum		13
	Maximum		20
Correlation Matrix Dimension			94

Categorical Variable Information

			N	Percent
Factor	Intervention	Control	47	50.0%

	Intervention	47	50.0%
	Total	94	100.0%

Continuous Variable Information

		N	Minimum	Maximum	Mean	Std. Deviation
Dependent Variable	Non_contact	94	0	2	.46	.650

Tests of Model Effects

Source	Type III Wald Chi-Square	df	Sig.
(Intercept)	12.254	1	.000
Intervention	11.288	1	.001

Dependent Variable: Non_contact
Model: (Intercept), Intervention

Parameter Estimates

Parameter	B	Std. Error	95% Wald Confidence Interval Lower	95% Wald Confidence Interval Upper	Hypothesis Test Wald Chi-Square	Hypothesis Test df	Hypothesis Test Sig.	Exp(B)
(Intercept)	-1.365	.3328	-2.018	-.713	16.829	1	.000	.255
[Intervention=0]	.949	.2825	.395	1.503	11.288	1	.001	2.583
[Intervention=1]	0[a]	.	.	.	.	.	.	1
(Scale)	1							

Parameter Estimates

Parameter	95% Wald Confidence Interval for Exp(B) Lower	Upper
(Intercept)	.133	.490
[Intervention=0]	1.485	4.494
[Intervention=1]	.	.
(Scale)		

Dependent Variable: Non_contact
Model: (Intercept), Intervention
a. Set to zero because this parameter is redundant.

Estimated Marginal Means: Intervention

Estimates

Intervention	Mean	Std. Error	95% Wald Confidence Interval Lower	95% Wald Confidence Interval Upper
Control	.66	.160	.41	1.06
Intervention	.26	.085	.13	.49

```
* Generalized Estimating Equations.
GENLIN Overuse BY Intervention (ORDER=ASCENDING)
  /MODEL Intervention INTERCEPT=YES
 DISTRIBUTION=POISSON LINK=LOG
  /CRITERIA METHOD=FISHER(1) SCALE=1 MAXITERATIONS=100 MAXSTEPHALVING=5
PCONVERGE=1E-006(ABSOLUTE)
    SINGULAR=1E-012 ANALYSISTYPE=3(WALD) CILEVEL=95 LIKELIHOOD=FULL
  /EMMEANS TABLES=Intervention SCALE=ORIGINAL
  /REPEATED SUBJECT=Team WITHINSUBJECT=Player SORT=YES CORRTYPE=INDEPENDENT ADJUSTCORR=YES
    COVB=ROBUST MAXITERATIONS=100 PCONVERGE=1e-006(ABSOLUTE) UPDATECORR=1
  /MISSING CLASSMISSING=EXCLUDE
  /PRINT CPS DESCRIPTIVES MODELINFO SUMMARY SOLUTION (EXPONENTIATED).
```

Generalized Linear Models

Notes

Output Created		23-OCT-2020 20:57:51
Comments		
Input	Data	/Users//OneDrive - /RCT Study/Kids RCT/Kids_RCT_final.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	94
Missing Value Handling	Definition of Missing	User-defined missing values for factor, subject and within-subject variables are treated as missing.
	Cases Used	Statistics are based on cases with valid data for all variables in the model.
Weight Handling		not applicable
Syntax		GENLIN Overuse BY Intervention (ORDER=ASCENDING) /MODEL Intervention INTERCEPT=YES DISTRIBUTION=POISSON LINK=LOG /CRITERIA METHOD=FISHER(1) SCALE=1 MAXITERATIONS=100 MAXSTEPHALVING=5 PCONVERGE=1E-006(ABSOLUTE) SINGULAR=1E-012 ANALYSISTYPE=3(WALD) CILEVEL=95 LIKELIHOOD=FULL /EMMEANS TABLES=Intervention SCALE=ORIGINAL /REPEATED SUBJECT=Team WITHINSUBJECT=Player SORT=YES CORRTYPE=INDEPENDENT ADJUSTCORR=YES COVB=ROBUST MAXITERATIONS=100 PCONVERGE=1e-006(ABSOLUTE) UPDATECORR=1 /MISSING CLASSMISSING=EXCLUDE /PRINT CPS DESCRIPTIVES MODELINFO SUMMARY SOLUTION (EXPONENTIATED).
Resources	Processor Time	00:00:00.08
	Elapsed Time	00:00:00.00

Model Information

Dependent Variable		Overuse
Probability Distribution		Poisson
Link Function		Log
Subject Effect	1	Team

Within-Subject Effect	1	Player
Working Correlation Matrix Structure		Independent

Case Processing Summary

	N	Percent
Included	94	100.0%
Excluded	0	0.0%
Total	94	100.0%

Correlated Data Summary

Number of Levels	Subject Effect	Team	6
	Within-Subject Effect	Player	94
Number of Subjects			6
Number of Measurements per Subject	Minimum		13
	Maximum		20
Correlation Matrix Dimension			94

Categorical Variable Information

			N	Percent
Factor	Intervention	Control	47	50.0%
		Intervention	47	50.0%
		Total	94	100.0%

Continuous Variable Information

		N	Minimum	Maximum	Mean	Std. Deviation
Dependent Variable	Overuse	94	0	2	.22	.511

Tests of Model Effects

Source	Type III Wald Chi-Square	df	Sig.
(Intercept)	11.535	1	.001
Intervention	14.668	1	.000

Dependent Variable: Overuse
Model: (Intercept), Intervention

Parameter Estimates

			95% Wald Confidence Interval		Hypothesis Test			
Parameter	B	Std. Error	Lower	Upper	Wald Chi-Square	df	Sig.	Exp(B)
(Intercept)	-2.241	.5503	-3.319	-1.162	16.581	1	.000	.106
[Intervention=0]	1.163	.3037	.568	1.758	14.668	1	.000	3.200
[Intervention=1]	0[a]	.	.	.	.	.	.	1
(Scale)	1							

Parameter Estimates

	95% Wald Confidence Interval for Exp(B)	
Parameter	Lower	Upper
(Intercept)	.036	.313
[Intervention=0]	1.765	5.803
[Intervention=1]	.	.
(Scale)		

Dependent Variable: Overuse
Model: (Intercept), Intervention
a. Set to zero because this parameter is redundant.

Estimated Marginal Means: Intervention

Estimates

Intervention	Mean	Std. Error	95% Wald Confidence Interval Lower	Upper
Control	.34	.160	.14	.85
Intervention	.11	.059	.04	.31

```
* Generalized Estimating Equations.
GENLIN Reinjure_all BY Intervention (ORDER=ASCENDING)
  /MODEL Intervention INTERCEPT=YES
 DISTRIBUTION=POISSON LINK=LOG
  /CRITERIA METHOD=FISHER(1) SCALE=1 MAXITERATIONS=100 MAXSTEPHALVING=5
PCONVERGE=1E-006(ABSOLUTE)
    SINGULAR=1E-012 ANALYSISTYPE=3(WALD) CILEVEL=95 LIKELIHOOD=FULL
  /EMMEANS TABLES=Intervention SCALE=ORIGINAL
  /REPEATED SUBJECT=Team WITHINSUBJECT=Player SORT=YES CORRTYPE=INDEPENDENT ADJUSTCORR=YES
    COVB=ROBUST MAXITERATIONS=100 PCONVERGE=1e-006(ABSOLUTE) UPDATECORR=1
  /MISSING CLASSMISSING=EXCLUDE
  /PRINT CPS DESCRIPTIVES MODELINFO SUMMARY SOLUTION (EXPONENTIATED).
```

Generalized Linear Models

Notes

Output Created		23-OCT-2020 20:58:12
Comments		
Input	Data	/Users//OneDrive - /RCT Study/Kids RCT/Kids_RCT_final.sav
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	N of Rows in Working Data File	94
Missing Value Handling	Definition of Missing	User-defined missing values for factor, subject and within-subject variables are treated as missing.
	Cases Used	Statistics are based on cases with valid data for all variables in the model.
Weight Handling		not applicable

Syntax		GENLIN Reinjure_all BY Intervention (ORDER=ASCENDING) /MODEL Intervention INTERCEPT=YES DISTRIBUTION=POISSON LINK=LOG /CRITERIA METHOD=FISHER(1) SCALE=1 MAXITERATIONS=100 MAXSTEPHALVING=5 PCONVERGE=1E-006(ABSOLUTE) SINGULAR=1E-012 ANALYSISTYPE=3(WALD) CILEVEL=95 LIKELIHOOD=FULL /EMMEANS TABLES=Intervention SCALE=ORIGINAL /REPEATED SUBJECT=Team WITHINSUBJECT=Player SORT=YES CORRTYPE=INDEPENDENT ADJUSTCORR=YES COVB=ROBUST MAXITERATIONS=100 PCONVERGE=1e-006(ABSOLUTE) UPDATECORR=1 /MISSING CLASSMISSING=EXCLUDE /PRINT CPS DESCRIPTIVES MODELINFO SUMMARY SOLUTION (EXPONENTIATED).
Resources	Processor Time	00:00:00.07
	Elapsed Time	00:00:00.00

Model Information

Dependent Variable		Reinjure_all
Probability Distribution		Poisson
Link Function		Log
Subject Effect	1	Team
Within-Subject Effect	1	Player
Working Correlation Matrix Structure		Independent

Case Processing Summary

	N	Percent
Included	94	100.0%
Excluded	0	0.0%
Total	94	100.0%

Correlated Data Summary

Number of Levels	Subject Effect	Team	6
	Within-Subject Effect	Player	94
Number of Subjects			6
Number of Measurements per Subject	Minimum		13
	Maximum		20
Correlation Matrix Dimension			94

Categorical Variable Information

			N	Percent
Factor	Intervention	Control	47	50.0%

	Intervention	47	50.0%
	Total	94	100.0%

Continuous Variable Information

		N	Minimum	Maximum	Mean	Std. Deviation
Dependent Variable	Reinjure_all	94	.00	1.00	.0745	.26394

Tests of Model Effects

Source	Type III Wald Chi-Square	df	Sig.
(Intercept)	26.248	1	.000
Intervention	.410	1	.522

Dependent Variable: Reinjure_all
Model: (Intercept), Intervention

Parameter Estimates

Parameter	B	Std. Error	95% Wald Confidence Interval Lower	95% Wald Confidence Interval Upper	Hypothesis Test Wald Chi-Square	Hypothesis Test df	Hypothesis Test Sig.	Exp(B)
(Intercept)	-3.157	.9132	-4.947	-1.367	11.952	1	.001	.043
[Intervention=0]	.916	1.4317	-1.890	3.722	.410	1	.522	2.500
[Intervention=1]	0[a]	.	.	.	.	.	.	1
(Scale)	1							

Parameter Estimates

Parameter	95% Wald Confidence Interval for Exp(B) Lower	Upper
(Intercept)	.007	.255
[Intervention=0]	.151	41.363
[Intervention=1]	.	.
(Scale)		

Dependent Variable: Reinjure_all
Model: (Intercept), Intervention
a. Set to zero because this parameter is redundant.

Estimated Marginal Means: Intervention

Estimates

Intervention	Mean	Std. Error	95% Wald Confidence Interval Lower	95% Wald Confidence Interval Upper
Control	.1064	.09189	.0196	.5782
Intervention	.0426	.03886	.0071	.2548

```
* Generalized Estimating Equations.
GENLIN Incident (REFERENCE=FIRST) BY Intervention (ORDER=ASCENDING)
  /MODEL Intervention INTERCEPT=YES
 DISTRIBUTION=BINOMIAL LINK=LOGIT
  /CRITERIA METHOD=FISHER(1) SCALE=1 MAXITERATIONS=100 MAXSTEPHALVING=5
PCONVERGE=1E-006(ABSOLUTE)
    SINGULAR=1E-012 ANALYSISTYPE=3(WALD) CILEVEL=95 LIKELIHOOD=FULL
  /EMMEANS TABLES=Intervention SCALE=ORIGINAL
  /REPEATED SUBJECT=Team WITHINSUBJECT=Player SORT=YES CORRTYPE=INDEPENDENT ADJUSTCORR=YES
    COVB=ROBUST MAXITERATIONS=100 PCONVERGE=1e-006(ABSOLUTE) UPDATECORR=1
  /MISSING CLASSMISSING=EXCLUDE
  /PRINT CPS DESCRIPTIVES MODELINFO FIT SUMMARY SOLUTION (EXPONENTIATED).
```

Generalized Linear Models

Notes

Output Created		23-OCT-2020 21:16:51
Comments		
Input	Data	/Users//OneDrive - /RCT Study/Kids RCT/Kids_RCT_final.sav
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	N of Rows in Working Data File	94
Missing Value Handling	Definition of Missing	User-defined missing values for factor, subject and within-subject variables are treated as missing.
	Cases Used	Statistics are based on cases with valid data for all variables in the model.
Weight Handling		not applicable
Syntax		GENLIN Incident (REFERENCE=FIRST) BY Intervention (ORDER=ASCENDING) /MODEL Intervention INTERCEPT=YES DISTRIBUTION=BINOMIAL LINK=LOGIT /CRITERIA METHOD=FISHER(1) SCALE=1 MAXITERATIONS=100 MAXSTEPHALVING=5 PCONVERGE=1E-006(ABSOLUTE) SINGULAR=1E-012 ANALYSISTYPE=3(WALD) CILEVEL=95 LIKELIHOOD=FULL /EMMEANS TABLES=Intervention SCALE=ORIGINAL /REPEATED SUBJECT=Team WITHINSUBJECT=Player SORT=YES CORRTYPE=INDEPENDENT ADJUSTCORR=YES COVB=ROBUST MAXITERATIONS=100 PCONVERGE=1e-006(ABSOLUTE) UPDATECORR=1 /MISSING CLASSMISSING=EXCLUDE /PRINT CPS DESCRIPTIVES MODELINFO FIT SUMMARY SOLUTION (EXPONENTIATED).
Resources	Processor Time	00:00:00.08
	Elapsed Time	00:00:00.00

[DataSet1] /Users//OneDrive - /RCT Study/Kids RCT/Kids_RCT_final.sav

Model Information

Dependent Variable		Incident[a]
Probability Distribution		Binomial
Link Function		Logit
Subject Effect	1	Team
Within-Subject Effect	1	Player
Working Correlation Matrix Structure		Independent

a. The procedure models 1 as the response, treating 0 as the reference category.

Case Processing Summary

	N	Percent
Included	94	100.0%
Excluded	0	0.0%
Total	94	100.0%

Correlated Data Summary

Number of Levels	Subject Effect	Team	6
	Within-Subject Effect	Player	94
Number of Subjects			6
Number of Measurements per Subject	Minimum		13
	Maximum		20
Correlation Matrix Dimension			94

Categorical Variable Information

			N	Percent
Dependent Variable	Incident	0	9	9.6%
		1	85	90.4%
		Total	94	100.0%
Factor	Intervention	Control	47	50.0%
		Intervention	47	50.0%
		Total	94	100.0%

Goodness of Fit[a]

	Value
Quasi Likelihood under Independence Model Criterion (QIC)[b]	55.690
Corrected Quasi Likelihood under Independence Model Criterion (QICC)[b]	56.564

Dependent Variable: Incident
Model: (Intercept), Intervention[a]
a. Information criteria are in smaller-is-better form.
b. Computed using the full log quasi-likelihood function.

Tests of Model Effects

Source	Type III Wald Chi-Square	df	Sig.
(Intercept)	34.738	1	.000
Intervention	4.885	1	.027

Dependent Variable: Incident
Model: (Intercept), Intervention

Parameter Estimates

Parameter	B	Std. Error	95% Wald Confidence Interval		Hypothesis Test			Exp(B)
			Lower	Upper	Wald Chi-Square	df	Sig.	
(Intercept)	1.584	.3377	.922	2.246	21.999	1	.000	4.875
[Intervention=0]	2.245	1.0155	.254	4.235	4.885	1	.027	9.436
[Intervention=1]	0[a]	.	.	.	.	.	.	1
(Scale)	1							

Parameter Estimates

Parameter	95% Wald Confidence Interval for Exp(B)	
	Lower	Upper
(Intercept)	2.515	9.451
[Intervention=0]	1.289	69.053
[Intervention=1]	.	.
(Scale)		

Dependent Variable: Incident
Model: (Intercept), Intervention
a. Set to zero because this parameter is redundant.

Estimated Marginal Means: Intervention

Estimates

Intervention	Mean	Std. Error	95% Wald Confidence Interval	
			Lower	Upper
Control	.98	.019	.89	1.00
Intervention	.83	.048	.72	.90

```
* Generalized Estimating Equations.
GENLIN Head_face_neck BY Intervention (ORDER=ASCENDING)
  /MODEL Intervention INTERCEPT=YES
 DISTRIBUTION=POISSON LINK=LOG
  /CRITERIA METHOD=FISHER(1) SCALE=1 MAXITERATIONS=100 MAXSTEPHALVING=5
PCONVERGE=1E-006(ABSOLUTE)
    SINGULAR=1E-012 ANALYSISTYPE=3(WALD) CILEVEL=95 LIKELIHOOD=FULL
  /EMMEANS TABLES=Intervention SCALE=ORIGINAL
  /REPEATED SUBJECT=Team WITHINSUBJECT=Player SORT=YES CORRTYPE=INDEPENDENT ADJUSTCORR=YES
    COVB=ROBUST MAXITERATIONS=100 PCONVERGE=1e-006(ABSOLUTE) UPDATECORR=1
```

/MISSING CLASSMISSING=EXCLUDE
/PRINT CPS DESCRIPTIVES MODELINFO FIT SUMMARY SOLUTION (EXPONENTIATED).

Generalized Linear Models

Notes

Output Created		23-OCT-2020 20:36:19
Comments		
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	N of Rows in Working Data File	94
Missing Value Handling	Definition of Missing	User-defined missing values for factor, subject and within-subject variables are treated as missing.
	Cases Used	Statistics are based on cases with valid data for all variables in the model.
Weight Handling		not applicable
Syntax		GENLIN Head_face_neck BY Intervention (ORDER=ASCENDING) /MODEL Intervention INTERCEPT=YES DISTRIBUTION=POISSON LINK=LOG /CRITERIA METHOD=FISHER(1) SCALE=1 MAXITERATIONS=100 MAXSTEPHALVING=5 PCONVERGE=1E-006(ABSOLUTE) SINGULAR=1E-012 ANALYSISTYPE=3(WALD) CILEVEL=95 LIKELIHOOD=FULL /EMMEANS TABLES=Intervention SCALE=ORIGINAL /REPEATED SUBJECT=Team WITHINSUBJECT=Player SORT=YES CORRTYPE=INDEPENDENT ADJUSTCORR=YES COVB=ROBUST MAXITERATIONS=100 PCONVERGE=1e-006(ABSOLUTE) UPDATECORR=1 /MISSING CLASSMISSING=EXCLUDE /PRINT CPS DESCRIPTIVES MODELINFO FIT SUMMARY SOLUTION (EXPONENTIATED).
Resources	Processor Time	00:00:00.07
	Elapsed Time	00:00:00.00

[DataSet1] /Users//OneDrive - /RCT Study/Kids RCT/Kids_RCT_final.sav

Model Information

Dependent Variable		Head_face_neck
Probability Distribution		Poisson
Link Function		Log
Subject Effect	1	Team
Within-Subject Effect	1	Player
Working Correlation Matrix Structure		Independent

Case Processing Summary

	N	Percent
Included	94	100.0%
Excluded	0	0.0%
Total	94	100.0%

Correlated Data Summary

Number of Levels	Subject Effect	Team	6
	Within-Subject Effect	Player	94
Number of Subjects			6
Number of Measurements per Subject	Minimum		13
	Maximum		20
Correlation Matrix Dimension			94

Categorical Variable Information

			N	Percent
Factor	Intervention	Control	47	50.0%
		Intervention	47	50.0%
		Total	94	100.0%

Continuous Variable Information

		N	Minimum	Maximum	Mean	Std. Deviation
Dependent Variable	Head_face_neck	94	0	1	.05	.226

Goodness of Fit[a]

	Value
Quasi Likelihood under Independence Model Criterion (QIC)[b]	31.119
Corrected Quasi Likelihood under Independence Model Criterion (QICC)[b]	33.137

Dependent Variable: Head_face_neck
Model: (Intercept), Intervention[a]
a. Information criteria are in smaller-is-better form.
b. Computed using the full log quasi-likelihood function.

Tests of Model Effects

Source	Type III Wald Chi-Square	df	Sig.
(Intercept)	327.929	1	.000
Intervention	.228	1	.633

Dependent Variable: Head_face_neck
Model: (Intercept), Intervention

Parameter Estimates

Parameter	B	Std. Error	95% Wald Confidence Interval Lower	95% Wald Confidence Interval Upper	Hypothesis Test Wald Chi-Square	df	Sig.	Exp(B)
(Intercept)	-3.157	.4988	-4.135	-2.179	40.066	1	.000	.043
[Intervention=0]	.405	.8485	-1.258	2.069	.228	1	.633	1.500
[Intervention=1]	0[a]	.	.	.	.	.	.	1
(Scale)	1							

Parameter Estimates

Parameter	95% Wald Confidence Interval for Exp(B) Lower	Upper
(Intercept)	.016	.113
[Intervention=0]	.284	7.913
[Intervention=1]	.	.
(Scale)		

Dependent Variable: Head_face_neck
Model: (Intercept), Intervention
a. Set to zero because this parameter is redundant.

Estimated Marginal Means: Intervention

Estimates

Intervention	Mean	Std. Error	95% Wald Confidence Interval Lower	Upper
Control	.06	.026	.03	.14
Intervention	.04	.021	.02	.11

```
* Generalized Estimating Equations.
GENLIN Shoulder BY Intervention (ORDER=ASCENDING)
  /MODEL Intervention INTERCEPT=YES
 DISTRIBUTION=POISSON LINK=LOG
  /CRITERIA METHOD=FISHER(1) SCALE=1 MAXITERATIONS=100 MAXSTEPHALVING=5
PCONVERGE=1E-006(ABSOLUTE)
    SINGULAR=1E-012 ANALYSISTYPE=3(WALD) CILEVEL=95 LIKELIHOOD=FULL
  /EMMEANS TABLES=Intervention SCALE=ORIGINAL
  /REPEATED SUBJECT=Team WITHINSUBJECT=Player SORT=YES CORRTYPE=INDEPENDENT ADJUSTCORR=YES
    COVB=ROBUST MAXITERATIONS=100 PCONVERGE=1e-006(ABSOLUTE) UPDATECORR=1
  /MISSING CLASSMISSING=EXCLUDE
  /PRINT CPS DESCRIPTIVES MODELINFO SUMMARY SOLUTION (EXPONENTIATED).
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Generalized Linear Models

Notes

Output Created		23-OCT-2020 20:36:52
Comments		
Input	Data	/Users//OneDrive - /RCT Study/Kids RCT/Kids_RCT_final.sav
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	N of Rows in Working Data File	94

Missing Value Handling	Definition of Missing	User-defined missing values for factor, subject and within-subject variables are treated as missing.
	Cases Used	Statistics are based on cases with valid data for all variables in the model.
Weight Handling		not applicable
Syntax		GENLIN Shoulder BY Intervention (ORDER=ASCENDING) /MODEL Intervention INTERCEPT=YES DISTRIBUTION=POISSON LINK=LOG /CRITERIA METHOD=FISHER(1) SCALE=1 MAXITERATIONS=100 MAXSTEPHALVING=5 PCONVERGE=1E-006(ABSOLUTE) SINGULAR=1E-012 ANALYSISTYPE=3(WALD) CILEVEL=95 LIKELIHOOD=FULL /EMMEANS TABLES=Intervention SCALE=ORIGINAL /REPEATED SUBJECT=Team WITHINSUBJECT=Player SORT=YES CORRTYPE=INDEPENDENT ADJUSTCORR=YES COVB=ROBUST MAXITERATIONS=100 PCONVERGE=1e-006(ABSOLUTE) UPDATECORR=1 /MISSING CLASSMISSING=EXCLUDE /PRINT CPS DESCRIPTIVES MODELINFO SUMMARY SOLUTION (EXPONENTIATED).
Resources	Processor Time	00:00:00.08
	Elapsed Time	00:00:00.00

Model Information

Dependent Variable		Shoulder
Probability Distribution		Poisson
Link Function		Log
Subject Effect	1	Team
Within-Subject Effect	1	Player
Working Correlation Matrix Structure		Independent

Case Processing Summary

	N	Percent
Included	94	100.0%
Excluded	0	0.0%
Total	94	100.0%

Correlated Data Summary

Number of Levels	Subject Effect	Team	6
	Within-Subject Effect	Player	94
Number of Subjects			6
Number of Measurements per Subject	Minimum		13
	Maximum		20

Correlation Matrix Dimension	94

Categorical Variable Information

			N	Percent
Factor	Intervention	Control	47	50.0%
		Intervention	47	50.0%
		Total	94	100.0%

Continuous Variable Information

		N	Minimum	Maximum	Mean	Std. Deviation
Dependent Variable	Shoulder	94	0	1	.04	.203

Tests of Model Effects

Source	Type III Wald Chi-Square	df	Sig.
(Intercept)	76.326	1	.000
Intervention	.864	1	.353

Dependent Variable: Shoulder
Model: (Intercept), Intervention

Parameter Estimates

			95% Wald Confidence Interval		Hypothesis Test			
Parameter	B	Std. Error	Lower	Upper	Wald Chi-Square	df	Sig.	Exp(B)
(Intercept)	-3.850	.9132	-5.640	-2.060	17.777	1	.000	.021
[Intervention=0]	1.099	1.1821	-1.218	3.415	.864	1	.353	3.000
[Intervention=1]	0[a]	.	.	.	.	.	.	1
(Scale)	1							

Parameter Estimates

	95% Wald Confidence Interval for Exp(B)	
Parameter	Lower	Upper
(Intercept)	.004	.127
[Intervention=0]	.296	30.431
[Intervention=1]	.	.
(Scale)		

Dependent Variable: Shoulder
Model: (Intercept), Intervention
a. Set to zero because this parameter is redundant.

Estimated Marginal Means: Intervention

Estimates

			95% Wald Confidence Interval	
Intervention	Mean	Std. Error	Lower	Upper
Control	.06	.025	.03	.14
Intervention	.02	.019	.00	.13

```
* Generalized Estimating Equations.
GENLIN Finger_hand_wrist_arm BY Intervention (ORDER=ASCENDING)
  /MODEL Intervention INTERCEPT=YES
 DISTRIBUTION=POISSON LINK=LOG
  /CRITERIA METHOD=FISHER(1) SCALE=1 MAXITERATIONS=100 MAXSTEPHALVING=5
PCONVERGE=1E-006(ABSOLUTE)
    SINGULAR=1E-012 ANALYSISTYPE=3(WALD) CILEVEL=95 LIKELIHOOD=FULL
  /EMMEANS TABLES=Intervention SCALE=ORIGINAL
```

/REPEATED SUBJECT=Team WITHINSUBJECT=Player SORT=YES CORRTYPE=INDEPENDENT ADJUSTCORR=YES
COVB=ROBUST MAXITERATIONS=100 PCONVERGE=1e-006(ABSOLUTE) UPDATECORR=1
/MISSING CLASSMISSING=EXCLUDE
/PRINT CPS DESCRIPTIVES MODELINFO SUMMARY SOLUTION (EXPONENTIATED).

Generalized Linear Models

Notes

Output Created		23-OCT-2020 20:37:13
Comments		
Input	Data	/Users//OneDrive - /RCT Study/Kids RCT/Kids_RCT_final.sav
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	N of Rows in Working Data File	94
Missing Value Handling	Definition of Missing	User-defined missing values for factor, subject and within-subject variables are treated as missing.
	Cases Used	Statistics are based on cases with valid data for all variables in the model.
Weight Handling		not applicable
Syntax		GENLIN Finger_hand_wrist_arm BY Intervention (ORDER=ASCENDING) /MODEL Intervention INTERCEPT=YES DISTRIBUTION=POISSON LINK=LOG /CRITERIA METHOD=FISHER(1) SCALE=1 MAXITERATIONS=100 MAXSTEPHALVING=5 PCONVERGE=1E-006(ABSOLUTE) SINGULAR=1E-012 ANALYSISTYPE=3(WALD) CILEVEL=95 LIKELIHOOD=FULL /EMMEANS TABLES=Intervention SCALE=ORIGINAL /REPEATED SUBJECT=Team WITHINSUBJECT=Player SORT=YES CORRTYPE=INDEPENDENT ADJUSTCORR=YES COVB=ROBUST MAXITERATIONS=100 PCONVERGE=1e-006(ABSOLUTE) UPDATECORR=1 /MISSING CLASSMISSING=EXCLUDE /PRINT CPS DESCRIPTIVES MODELINFO SUMMARY SOLUTION (EXPONENTIATED).
Resources	Processor Time	00:00:00.09
	Elapsed Time	00:00:00.00

Model Information

Dependent Variable		Finger_hand_wrist_arm
Probability Distribution		Poisson
Link Function		Log
Subject Effect	1	Team
Within-Subject Effect	1	Player
Working Correlation Matrix Structure		Independent

Case Processing Summary

	N	Percent
Included	94	100.0%
Excluded	0	0.0%
Total	94	100.0%

Correlated Data Summary

Number of Levels	Subject Effect	Team	6
	Within-Subject Effect	Player	94
Number of Subjects			6
Number of Measurements per Subject	Minimum		13
	Maximum		20
Correlation Matrix Dimension			94

Categorical Variable Information

			N	Percent
Factor	Intervention	Control	47	50.0%
		Intervention	47	50.0%
		Total	94	100.0%

Continuous Variable Information

		N	Minimum	Maximum	Mean	Std. Deviation
Dependent Variable	Finger_hand_wrist_arm	94	0	2	.22	.467

Tests of Model Effects

Source	Type III Wald Chi-Square	df	Sig.
(Intercept)	246.577	1	.000
Intervention	10.728	1	.001

Dependent Variable: Finger_hand_wrist_arm
Model: (Intercept), Intervention

Parameter Estimates

			95% Wald Confidence Interval		Hypothesis Test			
Parameter	B	Std. Error	Lower	Upper	Wald Chi-Square	df	Sig.	Exp(B)
(Intercept)	-2.058	.1866	-2.424	-1.693	121.727	1	.000	.128
[Intervention=0]	.916	.2797	.368	1.465	10.728	1	.001	2.500
[Intervention=1]	0[a]	.	.	.	.	.	.	1
(Scale)	1							

Parameter Estimates

	95% Wald Confidence Interval for Exp(B)	
Parameter	Lower	Upper
(Intercept)	.089	.184
[Intervention=0]	1.445	4.326
[Intervention=1]	.	.
(Scale)		

Dependent Variable: Finger_hand_wrist_arm
Model: (Intercept), Intervention
a. Set to zero because this parameter is redundant.

Estimated Marginal Means: Intervention

Estimates

Intervention	Mean	Std. Error	95% Wald Confidence Interval Lower	Upper
Control	.32	.051	.23	.44
Intervention	.13	.024	.09	.18

```
* Generalized Estimating Equations.
GENLIN Chest BY Intervention (ORDER=ASCENDING)
  /MODEL Intervention INTERCEPT=YES
 DISTRIBUTION=POISSON LINK=LOG
  /CRITERIA METHOD=FISHER(1) SCALE=1 MAXITERATIONS=100 MAXSTEPHALVING=5
PCONVERGE=1E-006(ABSOLUTE)
    SINGULAR=1E-012 ANALYSISTYPE=3(WALD) CILEVEL=95 LIKELIHOOD=FULL
  /EMMEANS TABLES=Intervention SCALE=ORIGINAL
  /REPEATED SUBJECT=Team WITHINSUBJECT=Player SORT=YES CORRTYPE=INDEPENDENT ADJUSTCORR=YES
    COVB=ROBUST MAXITERATIONS=100 PCONVERGE=1e-006(ABSOLUTE) UPDATECORR=1
  /MISSING CLASSMISSING=EXCLUDE
  /PRINT CPS DESCRIPTIVES MODELINFO SUMMARY SOLUTION (EXPONENTIATED).
```

Generalized Linear Models

Notes

Output Created		23-OCT-2020 20:37:45
Comments		
Input	Data	/Users//OneDrive - /RCT Study/Kids RCT/Kids_RCT_final.sav
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	Split File	<none>
	N of Rows in Working Data File	94
Missing Value Handling	Definition of Missing	User-defined missing values for factor, subject and within-subject variables are treated as missing.
	Cases Used	Statistics are based on cases with valid data for all variables in the model.
Weight Handling		not applicable

Syntax		GENLIN Chest BY Intervention (ORDER=ASCENDING) /MODEL Intervention INTERCEPT=YES DISTRIBUTION=POISSON LINK=LOG /CRITERIA METHOD=FISHER(1) SCALE=1 MAXITERATIONS=100 MAXSTEPHALVING=5 PCONVERGE=1E-006(ABSOLUTE) SINGULAR=1E-012 ANALYSISTYPE=3(WALD) CILEVEL=95 LIKELIHOOD=FULL /EMMEANS TABLES=Intervention SCALE=ORIGINAL /REPEATED SUBJECT=Team WITHINSUBJECT=Player SORT=YES CORRTYPE=INDEPENDENT ADJUSTCORR=YES COVB=ROBUST MAXITERATIONS=100 PCONVERGE=1e-006(ABSOLUTE) UPDATECORR=1 /MISSING CLASSMISSING=EXCLUDE /PRINT CPS DESCRIPTIVES MODELINFO SUMMARY SOLUTION (EXPONENTIATED).
Resources	Processor Time	00:00:00.11
	Elapsed Time	00:00:00.00

Model Information

Dependent Variable		Chest
Probability Distribution		Poisson
Link Function		Log
Subject Effect	1	Team
Within-Subject Effect	1	Player
Working Correlation Matrix Structure		Independent

Case Processing Summary

	N	Percent
Included	94	100.0%
Excluded	0	0.0%
Total	94	100.0%

Correlated Data Summary

Number of Levels	Subject Effect	Team	6
	Within-Subject Effect	Player	94
Number of Subjects			6
Number of Measurements per Subject	Minimum		13
	Maximum		20
Correlation Matrix Dimension			94

Categorical Variable Information

			N	Percent
Factor	Intervention	Control	47	50.0%
		Intervention	47	50.0%

	Total	94	100.0%

Continuous Variable Information

		N	Minimum	Maximum	Mean	Std. Deviation
Dependent Variable	Chest	94	0	1	.03	.177

Tests of Model Effects

Source	Type III Wald Chi-Square	df	Sig.
(Intercept)	25.452	1	.000
Intervention	.783	1	.376

Dependent Variable: Chest
Model: (Intercept), Intervention

Parameter Estimates

Parameter	B	Std. Error	95% Wald Confidence Interval Lower	95% Wald Confidence Interval Upper	Hypothesis Test Wald Chi-Square	df	Sig.	Exp(B)
(Intercept)	-3.850	.9586	-5.729	-1.971	16.131	1	.000	.021
[Intervention=0]	.693	.7833	-.842	2.228	.783	1	.376	2.000
[Intervention=1]	0[a]	.	.	.	.	.	.	1
(Scale)	1							

Parameter Estimates

Parameter	95% Wald Confidence Interval for Exp(B) Lower	Upper
(Intercept)	.003	.139
[Intervention=0]	.431	9.286
[Intervention=1]	.	.
(Scale)		

Dependent Variable: Chest
Model: (Intercept), Intervention
a. Set to zero because this parameter is redundant.

Estimated Marginal Means: Intervention

Estimates

Intervention	Mean	Std. Error	95% Wald Confidence Interval Lower	Upper
Control	.04	.025	.01	.14
Intervention	.02	.020	.00	.14

```
* Generalized Estimating Equations.
GENLIN Trunk_Abdomen BY Intervention (ORDER=ASCENDING)
  /MODEL Intervention INTERCEPT=YES
 DISTRIBUTION=POISSON LINK=LOG
  /CRITERIA METHOD=FISHER(1) SCALE=1 MAXITERATIONS=100 MAXSTEPHALVING=5
PCONVERGE=1E-006(ABSOLUTE)
    SINGULAR=1E-012 ANALYSISTYPE=3(WALD) CILEVEL=95 LIKELIHOOD=FULL
  /EMMEANS TABLES=Intervention SCALE=ORIGINAL
  /REPEATED SUBJECT=Team WITHINSUBJECT=Player SORT=YES CORRTYPE=INDEPENDENT ADJUSTCORR=YES
    COVB=ROBUST MAXITERATIONS=100 PCONVERGE=1e-006(ABSOLUTE) UPDATECORR=1
  /MISSING CLASSMISSING=EXCLUDE
  /PRINT CPS DESCRIPTIVES MODELINFO SUMMARY SOLUTION (EXPONENTIATED).
```

Generalized Linear Models

Notes

Output Created		23-OCT-2020 20:38:01
Comments		
Input	Data	/Users//OneDrive - /RCT Study/Kids RCT/Kids_RCT_final.sav
	Active Dataset	DataSet1
	Filter	<none>
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	Split File	<none>
	N of Rows in Working Data File	94
Missing Value Handling	Definition of Missing	User-defined missing values for factor, subject and within-subject variables are treated as missing.
	Cases Used	Statistics are based on cases with valid data for all variables in the model.
Weight Handling		not applicable
Syntax		GENLIN Trunk_Abdomen BY Intervention (ORDER=ASCENDING) /MODEL Intervention INTERCEPT=YES DISTRIBUTION=POISSON LINK=LOG /CRITERIA METHOD=FISHER(1) SCALE=1 MAXITERATIONS=100 MAXSTEPHALVING=5 PCONVERGE=1E-006(ABSOLUTE) SINGULAR=1E-012 ANALYSISTYPE=3(WALD) CILEVEL=95 LIKELIHOOD=FULL /EMMEANS TABLES=Intervention SCALE=ORIGINAL /REPEATED SUBJECT=Team WITHINSUBJECT=Player SORT=YES CORRTYPE=INDEPENDENT ADJUSTCORR=YES COVB=ROBUST MAXITERATIONS=100 PCONVERGE=1e-006(ABSOLUTE) UPDATECORR=1 /MISSING CLASSMISSING=EXCLUDE /PRINT CPS DESCRIPTIVES MODELINFO SUMMARY SOLUTION (EXPONENTIATED).
Resources	Processor Time	00:00:00.10
	Elapsed Time	00:00:01.00

Model Information

Dependent Variable		Trunk_Abdomen
Probability Distribution		Poisson
Link Function		Log
Subject Effect	1	Team

Within-Subject Effect	1	Player
Working Correlation Matrix Structure		Independent

Case Processing Summary

	N	Percent
Included	94	100.0%
Excluded	0	0.0%
Total	94	100.0%

Correlated Data Summary

Number of Levels	Subject Effect	Team	6
	Within-Subject Effect	Player	94
Number of Subjects			6
Number of Measurements per Subject	Minimum		13
	Maximum		20
Correlation Matrix Dimension			94

Categorical Variable Information

			N	Percent
Factor	Intervention	Control	47	50.0%
		Intervention	47	50.0%
		Total	94	100.0%

Continuous Variable Information

		N	Minimum	Maximum	Mean	Std. Deviation
Dependent Variable	Trunk_Abdomen	94	0	1	.03	.177

Tests of Model Effects

Source	Type III Wald Chi-Square	df	Sig.
(Intercept)	61.261	1	.000
Intervention	.290	1	.590

Dependent Variable: Trunk_Abdomen
Model: (Intercept), Intervention

Parameter Estimates

			95% Wald Confidence Interval		Hypothesis Test			
Parameter	B	Std. Error	Lower	Upper	Wald Chi-Square	df	Sig.	Exp(B)
(Intercept)	-3.850	.9586	-5.729	-1.971	16.131	1	.000	.021
[Intervention=0]	.693	1.2869	-1.829	3.215	.290	1	.590	2.000
[Intervention=1]	0[a]	.	.	.	.	.	.	1
(Scale)	1							

Parameter Estimates

	95% Wald Confidence Interval for Exp(B)	
Parameter	Lower	Upper
(Intercept)	.003	.139
[Intervention=0]	.161	24.915
[Intervention=1]	.	.
(Scale)		

Dependent Variable: Trunk_Abdomen
Model: (Intercept), Intervention
a. Set to zero because this parameter is redundant.

Estimated Marginal Means: Intervention

Estimates

Intervention	Mean	Std. Error	95% Wald Confidence Interval Lower	Upper
Control	.04	.024	.01	.13
Intervention	.02	.020	.00	.14

```
* Generalized Estimating Equations.
GENLIN LowBack BY Intervention (ORDER=ASCENDING)
  /MODEL Intervention INTERCEPT=YES
 DISTRIBUTION=POISSON LINK=LOG
  /CRITERIA METHOD=FISHER(1) SCALE=1 MAXITERATIONS=100 MAXSTEPHALVING=5
PCONVERGE=1E-006(ABSOLUTE)
     SINGULAR=1E-012 ANALYSISTYPE=3(WALD) CILEVEL=95 LIKELIHOOD=FULL
  /EMMEANS TABLES=Intervention SCALE=ORIGINAL
  /REPEATED SUBJECT=Team WITHINSUBJECT=Player SORT=YES CORRTYPE=INDEPENDENT ADJUSTCORR=YES
     COVB=ROBUST MAXITERATIONS=100 PCONVERGE=1e-006(ABSOLUTE) UPDATECORR=1
  /MISSING CLASSMISSING=EXCLUDE
  /PRINT CPS DESCRIPTIVES MODELINFO SUMMARY SOLUTION (EXPONENTIATED).
```

Generalized Linear Models

Notes

Output Created		23-OCT-2020 20:38:17
Comments		
Input	Data	/Users//OneDrive - /RCT Study/Kids RCT/Kids_RCT_final.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	94
Missing Value Handling	Definition of Missing	User-defined missing values for factor, subject and within-subject variables are treated as missing.
	Cases Used	Statistics are based on cases with valid data for all variables in the model.
Weight Handling		not applicable

Syntax		GENLIN LowBack BY Intervention (ORDER=ASCENDING) /MODEL Intervention INTERCEPT=YES DISTRIBUTION=POISSON LINK=LOG /CRITERIA METHOD=FISHER(1) SCALE=1 MAXITERATIONS=100 MAXSTEPHALVING=5 PCONVERGE=1E-006(ABSOLUTE) SINGULAR=1E-012 ANALYSISTYPE=3(WALD) CILEVEL=95 LIKELIHOOD=FULL /EMMEANS TABLES=Intervention SCALE=ORIGINAL /REPEATED SUBJECT=Team WITHINSUBJECT=Player SORT=YES CORRTYPE=INDEPENDENT ADJUSTCORR=YES COVB=ROBUST MAXITERATIONS=100 PCONVERGE=1e-006(ABSOLUTE) UPDATECORR=1 /MISSING CLASSMISSING=EXCLUDE /PRINT CPS DESCRIPTIVES MODELINFO SUMMARY SOLUTION (EXPONENTIATED).
Resources	Processor Time	00:00:00.10
	Elapsed Time	00:00:00.00

Model Information

Dependent Variable		LowBack
Probability Distribution		Poisson
Link Function		Log
Subject Effect	1	Team
Within-Subject Effect	1	Player
Working Correlation Matrix Structure		Independent

Case Processing Summary

	N	Percent
Included	94	100.0%
Excluded	0	0.0%
Total	94	100.0%

Correlated Data Summary

Number of Levels	Subject Effect	Team	6
	Within-Subject Effect	Player	94
Number of Subjects			6
Number of Measurements per Subject	Minimum		13
	Maximum		20
Correlation Matrix Dimension			94

Categorical Variable Information

			N	Percent
Factor	Intervention	Control	47	50.0%
		Intervention	47	50.0%

	Total	94	100.0%

Continuous Variable Information

		N	Minimum	Maximum	Mean	Std. Deviation
Dependent Variable	LowBack	94	0	1	.04	.203

Tests of Model Effects

Source	Type III Wald Chi-Square	df	Sig.
(Intercept)	36.467	1	.000
Intervention	2.100	1	.147

Dependent Variable: LowBack
Model: (Intercept), Intervention

Parameter Estimates

Parameter	B	Std. Error	95% Wald Confidence Interval Lower	95% Wald Confidence Interval Upper	Hypothesis Test Wald Chi-Square	Hypothesis Test df	Hypothesis Test Sig.	Exp(B)
(Intercept)	-3.850	.8653	-5.546	-2.154	19.798	1	.000	.021
[Intervention=0]	1.099	.7580	-.387	2.584	2.100	1	.147	3.000
[Intervention=1]	0[a]	.	.	.	.	.	.	1
(Scale)	1							

Parameter Estimates

Parameter	95% Wald Confidence Interval for Exp(B) Lower	Upper
(Intercept)	.004	.116
[Intervention=0]	.679	13.254
[Intervention=1]	.	.
(Scale)		

Dependent Variable: LowBack
Model: (Intercept), Intervention
a. Set to zero because this parameter is redundant.

Estimated Marginal Means: Intervention

Estimates

Intervention	Mean	Std. Error	95% Wald Confidence Interval Lower	95% Wald Confidence Interval Upper
Control	.06	.024	.03	.13
Intervention	.02	.018	.00	.12

```
* Generalized Estimating Equations.
GENLIN Hip BY Intervention (ORDER=ASCENDING)
  /MODEL Intervention INTERCEPT=YES
 DISTRIBUTION=POISSON LINK=LOG
  /CRITERIA METHOD=FISHER(1) SCALE=1 MAXITERATIONS=100 MAXSTEPHALVING=5
PCONVERGE=1E-006(ABSOLUTE)
    SINGULAR=1E-012 ANALYSISTYPE=3(WALD) CILEVEL=95 LIKELIHOOD=FULL
  /EMMEANS TABLES=Intervention SCALE=ORIGINAL
  /REPEATED SUBJECT=Team WITHINSUBJECT=Player SORT=YES CORRTYPE=INDEPENDENT ADJUSTCORR=YES
    COVB=ROBUST MAXITERATIONS=100 PCONVERGE=1e-006(ABSOLUTE) UPDATECORR=1
  /MISSING CLASSMISSING=EXCLUDE
  /PRINT CPS DESCRIPTIVES MODELINFO SUMMARY SOLUTION (EXPONENTIATED).
```

Generalized Linear Models

Notes

Output Created		23-OCT-2020 20:38:34
Comments		
Input	Data	/Users//OneDrive - /RCT Study/Kids RCT/Kids_RCT_final.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	94
Missing Value Handling	Definition of Missing	User-defined missing values for factor, subject and within-subject variables are treated as missing.
	Cases Used	Statistics are based on cases with valid data for all variables in the model.
Weight Handling		not applicable
Syntax		GENLIN Hip BY Intervention (ORDER=ASCENDING) /MODEL Intervention INTERCEPT=YES DISTRIBUTION=POISSON LINK=LOG /CRITERIA METHOD=FISHER(1) SCALE=1 MAXITERATIONS=100 MAXSTEPHALVING=5 PCONVERGE=1E-006(ABSOLUTE) SINGULAR=1E-012 ANALYSISTYPE=3(WALD) CILEVEL=95 LIKELIHOOD=FULL /EMMEANS TABLES=Intervention SCALE=ORIGINAL /REPEATED SUBJECT=Team WITHINSUBJECT=Player SORT=YES CORRTYPE=INDEPENDENT ADJUSTCORR=YES COVB=ROBUST MAXITERATIONS=100 PCONVERGE=1e-006(ABSOLUTE) UPDATECORR=1 /MISSING CLASSMISSING=EXCLUDE /PRINT CPS DESCRIPTIVES MODELINFO SUMMARY SOLUTION (EXPONENTIATED).
Resources	Processor Time	00:00:00.09
	Elapsed Time	00:00:00.00

Model Information

Dependent Variable		Hip
Probability Distribution		Poisson
Link Function		Log
Subject Effect	1	Team
Within-Subject Effect	1	Player

Working Correlation Matrix Structure	Independent

Case Processing Summary

	N	Percent
Included	94	100.0%
Excluded	0	0.0%
Total	94	100.0%

Correlated Data Summary

Number of Levels	Subject Effect	Team	6
	Within-Subject Effect	Player	94
Number of Subjects			6
Number of Measurements per Subject	Minimum		13
	Maximum		20
Correlation Matrix Dimension			94

Categorical Variable Information

			N	Percent
Factor	Intervention	Control	47	50.0%
		Intervention	47	50.0%
		Total	94	100.0%

Continuous Variable Information

		N	Minimum	Maximum	Mean	Std. Deviation
Dependent Variable	Hip	94	0	1	.04	.203

Tests of Model Effects

Source	Type III Wald Chi-Square	df	Sig.
(Intercept)	22.773	1	.000
Intervention	5.606	1	.018

Dependent Variable: Hip
Model: (Intercept), Intervention

Parameter Estimates

			95% Wald Confidence Interval		Hypothesis Test			
Parameter	B	Std. Error	Lower	Upper	Wald Chi-Square	df	Sig.	Exp(B)
(Intercept)	-3.850	.8653	-5.546	-2.154	19.798	1	.000	.021
[Intervention=0]	1.099	.4640	.189	2.008	5.606	1	.018	3.000
[Intervention=1]	0[a]	.	.	.	.	.	.	1
(Scale)	1							

Parameter Estimates

	95% Wald Confidence Interval for Exp(B)	
Parameter	Lower	Upper
(Intercept)	.004	.116
[Intervention=0]	1.208	7.448
[Intervention=1]	.	.
(Scale)		

Dependent Variable: Hip
Model: (Intercept), Intervention
a. Set to zero because this parameter is redundant.

Estimated Marginal Means: Intervention

Estimates

Intervention	Mean	Std. Error	95% Wald Confidence Interval Lower	Upper
Control	.06	.036	.02	.19
Intervention	.02	.018	.00	.12

```
* Generalized Estimating Equations.
GENLIN Quadriceps BY Intervention (ORDER=ASCENDING)
  /MODEL Intervention INTERCEPT=YES
 DISTRIBUTION=POISSON LINK=LOG
  /CRITERIA METHOD=FISHER(1) SCALE=1 MAXITERATIONS=100 MAXSTEPHALVING=5
PCONVERGE=1E-006(ABSOLUTE)
     SINGULAR=1E-012 ANALYSISTYPE=3(WALD) CILEVEL=95 LIKELIHOOD=FULL
  /EMMEANS TABLES=Intervention SCALE=ORIGINAL
  /REPEATED SUBJECT=Team WITHINSUBJECT=Player SORT=YES CORRTYPE=INDEPENDENT ADJUSTCORR=YES
     COVB=ROBUST MAXITERATIONS=100 PCONVERGE=1e-006(ABSOLUTE) UPDATECORR=1
  /MISSING CLASSMISSING=EXCLUDE
  /PRINT CPS DESCRIPTIVES MODELINFO SUMMARY SOLUTION (EXPONENTIATED).
```

Generalized Linear Models

Notes

Output Created		23-OCT-2020 20:39:01
Comments		
Input	Data	/Users//OneDrive - /RCT Study/Kids RCT/Kids_RCT_final.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	94
Missing Value Handling	Definition of Missing	User-defined missing values for factor, subject and within-subject variables are treated as missing.
	Cases Used	Statistics are based on cases with valid data for all variables in the model.
Weight Handling		not applicable

Syntax		GENLIN Quadriceps BY Intervention (ORDER=ASCENDING) /MODEL Intervention INTERCEPT=YES DISTRIBUTION=POISSON LINK=LOG /CRITERIA METHOD=FISHER(1) SCALE=1 MAXITERATIONS=100 MAXSTEPHALVING=5 PCONVERGE=1E-006(ABSOLUTE) SINGULAR=1E-012 ANALYSISTYPE=3(WALD) CILEVEL=95 LIKELIHOOD=FULL /EMMEANS TABLES=Intervention SCALE=ORIGINAL /REPEATED SUBJECT=Team WITHINSUBJECT=Player SORT=YES CORRTYPE=INDEPENDENT ADJUSTCORR=YES COVB=ROBUST MAXITERATIONS=100 PCONVERGE=1e-006(ABSOLUTE) UPDATECORR=1 /MISSING CLASSMISSING=EXCLUDE /PRINT CPS DESCRIPTIVES MODELINFO SUMMARY SOLUTION (EXPONENTIATED).
Resources	Processor Time	00:00:00.09
	Elapsed Time	00:00:00.00

Model Information

Dependent Variable		Quadriceps
Probability Distribution		Poisson
Link Function		Log
Subject Effect	1	Team
Within-Subject Effect	1	Player
Working Correlation Matrix Structure		Independent

Case Processing Summary

	N	Percent
Included	94	100.0%
Excluded	0	0.0%
Total	94	100.0%

Correlated Data Summary

Number of Levels	Subject Effect	Team	6
	Within-Subject Effect	Player	94
Number of Subjects			6
Number of Measurements per Subject	Minimum		13
	Maximum		20
Correlation Matrix Dimension			94

Categorical Variable Information

			N	Percent
Factor	Intervention	Control	47	50.0%

	Intervention	47	50.0%
	Total	94	100.0%

Continuous Variable Information

		N	Minimum	Maximum	Mean	Std. Deviation
Dependent Variable	Quadriceps	94	0	1	.07	.264

Tests of Model Effects

Source	Type III Wald Chi-Square	df	Sig.
(Intercept)	84.371	1	.000
Intervention	1.591	1	.207

Dependent Variable: Quadriceps
Model: (Intercept), Intervention

Parameter Estimates

Parameter	B	Std. Error	95% Wald Confidence Interval Lower	95% Wald Confidence Interval Upper	Hypothesis Test Wald Chi-Square	Hypothesis Test df	Hypothesis Test Sig.	Exp(B)
(Intercept)	-3.157	.5778	-4.289	-2.025	29.853	1	.000	.043
[Intervention=0]	.916	.7264	-.507	2.340	1.591	1	.207	2.500
[Intervention=1]	0[a]	.	.	.	.	.	.	1
(Scale)	1							

Parameter Estimates

Parameter	95% Wald Confidence Interval for Exp(B) Lower	Upper
(Intercept)	.014	.132
[Intervention=0]	.602	10.381
[Intervention=1]	.	.
(Scale)		

Dependent Variable: Quadriceps
Model: (Intercept), Intervention
a. Set to zero because this parameter is redundant.

Estimated Marginal Means: Intervention

Estimates

Intervention	Mean	Std. Error	95% Wald Confidence Interval Lower	95% Wald Confidence Interval Upper
Control	.11	.034	.06	.20
Intervention	.04	.025	.01	.13

```
* Generalized Estimating Equations.
GENLIN Hamstring BY Intervention (ORDER=ASCENDING)
  /MODEL Intervention INTERCEPT=YES
 DISTRIBUTION=POISSON LINK=LOG
  /CRITERIA METHOD=FISHER(1) SCALE=1 MAXITERATIONS=100 MAXSTEPHALVING=5
PCONVERGE=1E-006(ABSOLUTE)
    SINGULAR=1E-012 ANALYSISTYPE=3(WALD) CILEVEL=95 LIKELIHOOD=FULL
  /EMMEANS TABLES=Intervention SCALE=ORIGINAL
  /REPEATED SUBJECT=Team WITHINSUBJECT=Player SORT=YES CORRTYPE=INDEPENDENT ADJUSTCORR=YES
    COVB=ROBUST MAXITERATIONS=100 PCONVERGE=1e-006(ABSOLUTE) UPDATECORR=1
  /MISSING CLASSMISSING=EXCLUDE
  /PRINT CPS DESCRIPTIVES MODELINFO SUMMARY SOLUTION (EXPONENTIATED).
```

Generalized Linear Models

Notes

Output Created		23-OCT-2020 20:39:16
Comments		
Input	Data	/Users//OneDrive - /RCT Study/Kids RCT/Kids_RCT_final.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	94
Missing Value Handling	Definition of Missing	User-defined missing values for factor, subject and within-subject variables are treated as missing.
	Cases Used	Statistics are based on cases with valid data for all variables in the model.
Weight Handling		not applicable
Syntax		GENLIN Hamstring BY Intervention (ORDER=ASCENDING) /MODEL Intervention INTERCEPT=YES DISTRIBUTION=POISSON LINK=LOG /CRITERIA METHOD=FISHER(1) SCALE=1 MAXITERATIONS=100 MAXSTEPHALVING=5 PCONVERGE=1E-006(ABSOLUTE) SINGULAR=1E-012 ANALYSISTYPE=3(WALD) CILEVEL=95 LIKELIHOOD=FULL /EMMEANS TABLES=Intervention SCALE=ORIGINAL /REPEATED SUBJECT=Team WITHINSUBJECT=Player SORT=YES CORRTYPE=INDEPENDENT ADJUSTCORR=YES COVB=ROBUST MAXITERATIONS=100 PCONVERGE=1e-006(ABSOLUTE) UPDATECORR=1 /MISSING CLASSMISSING=EXCLUDE /PRINT CPS DESCRIPTIVES MODELINFO SUMMARY SOLUTION (EXPONENTIATED).
Resources	Processor Time	00:00:00.09
	Elapsed Time	00:00:00.00

Model Information

Dependent Variable	Hamstring
Probability Distribution	Poisson
Link Function	Log

Subject Effect	1	Team
Within-Subject Effect	1	Player
Working Correlation Matrix Structure		Independent

Case Processing Summary

	N	Percent
Included	94	100.0%
Excluded	0	0.0%
Total	94	100.0%

Correlated Data Summary

Number of Levels	Subject Effect	Team	6
	Within-Subject Effect	Player	94
Number of Subjects			6
Number of Measurements per Subject	Minimum		13
	Maximum		20
Correlation Matrix Dimension			94

Categorical Variable Information

			N	Percent
Factor	Intervention	Control	47	50.0%
		Intervention	47	50.0%
		Total	94	100.0%

Continuous Variable Information

		N	Minimum	Maximum	Mean	Std. Deviation
Dependent Variable	Hamstring	94	0	1	.06	.246

Tests of Model Effects

Source	Type III Wald Chi-Square	df	Sig.
(Intercept)	80.070	1	.000
Intervention	.830	1	.362

Dependent Variable: Hamstring
Model: (Intercept), Intervention

Parameter Estimates

			95% Wald Confidence Interval		Hypothesis Test			
Parameter	B	Std. Error	Lower	Upper	Wald Chi-Square	df	Sig.	Exp(B)
(Intercept)	-3.157	.5778	-4.289	-2.025	29.853	1	.000	.043
[Intervention=0]	.693	.7610	-.798	2.185	.830	1	.362	2.000
[Intervention=1]	0[a]	.	.	.	.	.	.	1
(Scale)	1							

Parameter Estimates

	95% Wald Confidence Interval for Exp(B)	
Parameter	Lower	Upper
(Intercept)	.014	.132
[Intervention=0]	.450	8.887
[Intervention=1]	.	.
(Scale)		

Dependent Variable: Hamstring
Model: (Intercept), Intervention
a. Set to zero because this parameter is redundant.

Estimated Marginal Means: Intervention

Estimates

Intervention	Mean	Std. Error	95% Wald Confidence Interval Lower	Upper
Control	.09	.033	.04	.18
Intervention	.04	.025	.01	.13

```
* Generalized Estimating Equations.
GENLIN Knee BY Intervention (ORDER=ASCENDING)
  /MODEL Intervention INTERCEPT=YES
 DISTRIBUTION=POISSON LINK=LOG
  /CRITERIA METHOD=FISHER(1) SCALE=1 MAXITERATIONS=100 MAXSTEPHALVING=5
PCONVERGE=1E-006(ABSOLUTE)
    SINGULAR=1E-012 ANALYSISTYPE=3(WALD) CILEVEL=95 LIKELIHOOD=FULL
  /EMMEANS TABLES=Intervention SCALE=ORIGINAL
  /REPEATED SUBJECT=Team WITHINSUBJECT=Player SORT=YES CORRTYPE=INDEPENDENT ADJUSTCORR=YES
    COVB=ROBUST MAXITERATIONS=100 PCONVERGE=1e-006(ABSOLUTE) UPDATECORR=1
  /MISSING CLASSMISSING=EXCLUDE
  /PRINT CPS DESCRIPTIVES MODELINFO SUMMARY SOLUTION (EXPONENTIATED).
```

Generalized Linear Models

Notes

Output Created		23-OCT-2020 20:39:35
Comments		
Input	Data	/Users//OneDrive - /RCT Study/Kids RCT/Kids_RCT_final.sav
	Active Dataset	DataSet1
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	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	94
Missing Value Handling	Definition of Missing	User-defined missing values for factor, subject and within-subject variables are treated as missing.
	Cases Used	Statistics are based on cases with valid data for all variables in the model.
Weight Handling		not applicable

Syntax		GENLIN Knee BY Intervention (ORDER=ASCENDING) /MODEL Intervention INTERCEPT=YES DISTRIBUTION=POISSON LINK=LOG /CRITERIA METHOD=FISHER(1) SCALE=1 MAXITERATIONS=100 MAXSTEPHALVING=5 PCONVERGE=1E-006(ABSOLUTE) SINGULAR=1E-012 ANALYSISTYPE=3(WALD) CILEVEL=95 LIKELIHOOD=FULL /EMMEANS TABLES=Intervention SCALE=ORIGINAL /REPEATED SUBJECT=Team WITHINSUBJECT=Player SORT=YES CORRTYPE=INDEPENDENT ADJUSTCORR=YES COVB=ROBUST MAXITERATIONS=100 PCONVERGE=1e-006(ABSOLUTE) UPDATECORR=1 /MISSING CLASSMISSING=EXCLUDE /PRINT CPS DESCRIPTIVES MODELINFO SUMMARY SOLUTION (EXPONENTIATED).
Resources	Processor Time	00:00:00.10
	Elapsed Time	00:00:00.00

Model Information

Dependent Variable		Knee
Probability Distribution		Poisson
Link Function		Log
Subject Effect	1	Team
Within-Subject Effect	1	Player
Working Correlation Matrix Structure		Independent

Case Processing Summary

	N	Percent
Included	94	100.0%
Excluded	0	0.0%
Total	94	100.0%

Correlated Data Summary

Number of Levels	Subject Effect	Team	6
	Within-Subject Effect	Player	94
Number of Subjects			6
Number of Measurements per Subject	Minimum		13
	Maximum		20
Correlation Matrix Dimension			94

Categorical Variable Information

			N	Percent
Factor	Intervention	Control	47	50.0%
		Intervention	47	50.0%

	Total	94	100.0%

Continuous Variable Information

		N	Minimum	Maximum	Mean	Std. Deviation
Dependent Variable	Knee	94	0	2	.32	.491

Tests of Model Effects

Source	Type III Wald Chi-Square	df	Sig.
(Intercept)	108.675	1	.000
Intervention	7.134	1	.008

Dependent Variable: Knee
Model: (Intercept), Intervention

Parameter Estimates

Parameter	B	Std. Error	95% Wald Confidence Interval Lower	95% Wald Confidence Interval Upper	Hypothesis Test Wald Chi-Square	df	Sig.	Exp(B)
(Intercept)	-1.548	.2027	-1.945	-1.150	58.278	1	.000	.213
[Intervention=0]	.693	.2595	.185	1.202	7.134	1	.008	2.000
[Intervention=1]	0[a]	.	.	.	.	.	.	1
(Scale)	1							

Parameter Estimates

Parameter	95% Wald Confidence Interval for Exp(B) Lower	Upper
(Intercept)	.143	.317
[Intervention=0]	1.203	3.326
[Intervention=1]	.	.
(Scale)		

Dependent Variable: Knee
Model: (Intercept), Intervention
a. Set to zero because this parameter is redundant.

Estimated Marginal Means: Intervention

Estimates

Intervention	Mean	Std. Error	95% Wald Confidence Interval Lower	Upper
Control	.43	.059	.32	.56
Intervention	.21	.043	.14	.32

```
* Generalized Estimating Equations.
GENLIN Lower_leg BY Intervention (ORDER=ASCENDING)
  /MODEL Intervention INTERCEPT=YES
 DISTRIBUTION=POISSON LINK=LOG
  /CRITERIA METHOD=FISHER(1) SCALE=1 MAXITERATIONS=100 MAXSTEPHALVING=5
PCONVERGE=1E-006(ABSOLUTE)
    SINGULAR=1E-012 ANALYSISTYPE=3(WALD) CILEVEL=95 LIKELIHOOD=FULL
  /EMMEANS TABLES=Intervention SCALE=ORIGINAL
  /REPEATED SUBJECT=Team WITHINSUBJECT=Player SORT=YES CORRTYPE=INDEPENDENT ADJUSTCORR=YES
    COVB=ROBUST MAXITERATIONS=100 PCONVERGE=1e-006(ABSOLUTE) UPDATECORR=1
  /MISSING CLASSMISSING=EXCLUDE
  /PRINT CPS DESCRIPTIVES MODELINFO SUMMARY SOLUTION (EXPONENTIATED).
```

Generalized Linear Models

Notes

Output Created		23-OCT-2020 20:39:52
Comments		
Input	Data	/Users//OneDrive - /RCT Study/Kids RCT/Kids_RCT_final.sav
	Active Dataset	DataSet1
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	N of Rows in Working Data File	94
Missing Value Handling	Definition of Missing	User-defined missing values for factor, subject and within-subject variables are treated as missing.
	Cases Used	Statistics are based on cases with valid data for all variables in the model.
Weight Handling		not applicable
Syntax		GENLIN Lower_leg BY Intervention (ORDER=ASCENDING) /MODEL Intervention INTERCEPT=YES DISTRIBUTION=POISSON LINK=LOG /CRITERIA METHOD=FISHER(1) SCALE=1 MAXITERATIONS=100 MAXSTEPHALVING=5 PCONVERGE=1E-006(ABSOLUTE) SINGULAR=1E-012 ANALYSISTYPE=3(WALD) CILEVEL=95 LIKELIHOOD=FULL /EMMEANS TABLES=Intervention SCALE=ORIGINAL /REPEATED SUBJECT=Team WITHINSUBJECT=Player SORT=YES CORRTYPE=INDEPENDENT ADJUSTCORR=YES COVB=ROBUST MAXITERATIONS=100 PCONVERGE=1e-006(ABSOLUTE) UPDATECORR=1 /MISSING CLASSMISSING=EXCLUDE /PRINT CPS DESCRIPTIVES MODELINFO SUMMARY SOLUTION (EXPONENTIATED).
Resources	Processor Time	00:00:00.10
	Elapsed Time	00:00:00.00

Model Information

Dependent Variable		Lower_leg
Probability Distribution		Poisson
Link Function		Log
Subject Effect	1	Team

Within-Subject Effect	1	Player
Working Correlation Matrix Structure		Independent

Case Processing Summary

	N	Percent
Included	94	100.0%
Excluded	0	0.0%
Total	94	100.0%

Correlated Data Summary

Number of Levels	Subject Effect	Team	6
	Within-Subject Effect	Player	94
Number of Subjects			6
Number of Measurements per Subject	Minimum		13
	Maximum		20
Correlation Matrix Dimension			94

Categorical Variable Information

			N	Percent
Factor	Intervention	Control	47	50.0%
		Intervention	47	50.0%
		Total	94	100.0%

Continuous Variable Information

		N	Minimum	Maximum	Mean	Std. Deviation
Dependent Variable	Lower_leg	94	0	1	.14	.347

Tests of Model Effects

Source	Type III Wald Chi-Square	df	Sig.
(Intercept)	107.617	1	.000
Intervention	16.222	1	.000

Dependent Variable: Lower_leg
Model: (Intercept), Intervention

Parameter Estimates

Parameter	B	Std. Error	95% Wald Confidence Interval Lower	95% Wald Confidence Interval Upper	Hypothesis Test Wald Chi-Square	df	Sig.	Exp(B)
(Intercept)	-2.464	.2706	-2.994	-1.933	82.905	1	.000	.085
[Intervention=0]	.811	.2013	.416	1.206	16.222	1	.000	2.250
[Intervention=1]	0[a]	.	.	.	.	.	.	1
(Scale)	1							

Parameter Estimates

Parameter	95% Wald Confidence Interval for Exp(B) Lower	Upper
(Intercept)	.050	.145
[Intervention=0]	1.516	3.339
[Intervention=1]	.	.
(Scale)		

Dependent Variable: Lower_leg
Model: (Intercept), Intervention
a. Set to zero because this parameter is redundant.

Estimated Marginal Means: Intervention

Estimates

Intervention	Mean	Std. Error	95% Wald Confidence Interval Lower	Upper
Control	.19	.031	.14	.26
Intervention	.09	.023	.05	.14

```
* Generalized Estimating Equations.
GENLIN Ankle BY Intervention (ORDER=ASCENDING)
  /MODEL Intervention INTERCEPT=YES
 DISTRIBUTION=POISSON LINK=LOG
  /CRITERIA METHOD=FISHER(1) SCALE=1 MAXITERATIONS=100 MAXSTEPHALVING=5
PCONVERGE=1E-006(ABSOLUTE)
     SINGULAR=1E-012 ANALYSISTYPE=3(WALD) CILEVEL=95 LIKELIHOOD=FULL
  /EMMEANS TABLES=Intervention SCALE=ORIGINAL
  /REPEATED SUBJECT=Team WITHINSUBJECT=Player SORT=YES CORRTYPE=INDEPENDENT ADJUSTCORR=YES
     COVB=ROBUST MAXITERATIONS=100 PCONVERGE=1e-006(ABSOLUTE) UPDATECORR=1
  /MISSING CLASSMISSING=EXCLUDE
  /PRINT CPS DESCRIPTIVES MODELINFO SUMMARY SOLUTION (EXPONENTIATED).
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Generalized Linear Models

Notes

Output Created		23-OCT-2020 20:40:08
Comments		
Input	Data	/Users//OneDrive - /RCT Study/Kids RCT/Kids_RCT_final.sav
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	N of Rows in Working Data File	94
Missing Value Handling	Definition of Missing	User-defined missing values for factor, subject and within-subject variables are treated as missing.
	Cases Used	Statistics are based on cases with valid data for all variables in the model.
Weight Handling		not applicable

Syntax		GENLIN Ankle BY Intervention (ORDER=ASCENDING) /MODEL Intervention INTERCEPT=YES DISTRIBUTION=POISSON LINK=LOG /CRITERIA METHOD=FISHER(1) SCALE=1 MAXITERATIONS=100 MAXSTEPHALVING=5 PCONVERGE=1E-006(ABSOLUTE) SINGULAR=1E-012 ANALYSISTYPE=3(WALD) CILEVEL=95 LIKELIHOOD=FULL /EMMEANS TABLES=Intervention SCALE=ORIGINAL /REPEATED SUBJECT=Team WITHINSUBJECT=Player SORT=YES CORRTYPE=INDEPENDENT ADJUSTCORR=YES COVB=ROBUST MAXITERATIONS=100 PCONVERGE=1e-006(ABSOLUTE) UPDATECORR=1 /MISSING CLASSMISSING=EXCLUDE /PRINT CPS DESCRIPTIVES MODELINFO SUMMARY SOLUTION (EXPONENTIATED).
Resources	Processor Time	00:00:00.08
	Elapsed Time	00:00:00.00

Model Information

Dependent Variable		Ankle
Probability Distribution		Poisson
Link Function		Log
Subject Effect	1	Team
Within-Subject Effect	1	Player
Working Correlation Matrix Structure		Independent

Case Processing Summary

	N	Percent
Included	93	98.9%
Excluded	1	1.1%
Total	94	100.0%

Correlated Data Summary

Number of Levels	Subject Effect	Team	6
	Within-Subject Effect	Player	93
Number of Subjects			6
Number of Measurements per Subject	Minimum		13
	Maximum		20
Correlation Matrix Dimension			93

Categorical Variable Information

			N	Percent
Factor	Intervention	Control	47	50.5%
		Intervention	46	49.5%

	Total	93	100.0%

Continuous Variable Information

		N	Minimum	Maximum	Mean	Std. Deviation
Dependent Variable	Ankle	93	0	2	.26	.487

Tests of Model Effects

Source	Type III Wald Chi-Square	df	Sig.
(Intercept)	64.897	1	.000
Intervention	16.562	1	.000

Dependent Variable: Ankle
Model: (Intercept), Intervention

Parameter Estimates

Parameter	B	Std. Error	95% Wald Confidence Interval Lower	95% Wald Confidence Interval Upper	Hypothesis Test Wald Chi-Square	df	Sig.	Exp(B)
(Intercept)	-1.749	.2263	-2.193	-1.306	59.740	1	.000	.174
[Intervention=0]	.672	.1650	.348	.995	16.562	1	.000	1.957
[Intervention=1]	0[a]	.	.	.	.	.	.	1
(Scale)	1							

Parameter Estimates

Parameter	95% Wald Confidence Interval for Exp(B) Lower	Upper
(Intercept)	.112	.271
[Intervention=0]	1.416	2.705
[Intervention=1]	.	.
(Scale)		

Dependent Variable: Ankle
Model: (Intercept), Intervention
a. Set to zero because this parameter is redundant.

Estimated Marginal Means: Intervention

Estimates

Intervention	Mean	Std. Error	95% Wald Confidence Interval Lower	Upper
Control	.34	.053	.25	.46
Intervention	.17	.039	.11	.27

```
* Generalized Estimating Equations.
GENLIN Foot BY Intervention (ORDER=ASCENDING)
  /MODEL Intervention INTERCEPT=YES
 DISTRIBUTION=POISSON LINK=LOG
  /CRITERIA METHOD=FISHER(1) SCALE=1 MAXITERATIONS=100 MAXSTEPHALVING=5
PCONVERGE=1E-006(ABSOLUTE)
    SINGULAR=1E-012 ANALYSISTYPE=3(WALD) CILEVEL=95 LIKELIHOOD=FULL
  /EMMEANS TABLES=Intervention SCALE=ORIGINAL
  /REPEATED SUBJECT=Team WITHINSUBJECT=Player SORT=YES CORRTYPE=INDEPENDENT ADJUSTCORR=YES
    COVB=ROBUST MAXITERATIONS=100 PCONVERGE=1e-006(ABSOLUTE) UPDATECORR=1
  /MISSING CLASSMISSING=EXCLUDE
  /PRINT CPS DESCRIPTIVES MODELINFO SUMMARY SOLUTION (EXPONENTIATED).
```

Generalized Linear Models

Notes

Output Created		23-OCT-2020 20:40:27
Comments		
Input	Data	/Users//OneDrive - /RCT Study/Kids RCT/Kids_RCT_final.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	94
Missing Value Handling	Definition of Missing	User-defined missing values for factor, subject and within-subject variables are treated as missing.
	Cases Used	Statistics are based on cases with valid data for all variables in the model.
Weight Handling		not applicable
Syntax		GENLIN Foot BY Intervention (ORDER=ASCENDING) /MODEL Intervention INTERCEPT=YES DISTRIBUTION=POISSON LINK=LOG /CRITERIA METHOD=FISHER(1) SCALE=1 MAXITERATIONS=100 MAXSTEPHALVING=5 PCONVERGE=1E-006(ABSOLUTE) SINGULAR=1E-012 ANALYSISTYPE=3(WALD) CILEVEL=95 LIKELIHOOD=FULL /EMMEANS TABLES=Intervention SCALE=ORIGINAL /REPEATED SUBJECT=Team WITHINSUBJECT=Player SORT=YES CORRTYPE=INDEPENDENT ADJUSTCORR=YES COVB=ROBUST MAXITERATIONS=100 PCONVERGE=1e-006(ABSOLUTE) UPDATECORR=1 /MISSING CLASSMISSING=EXCLUDE /PRINT CPS DESCRIPTIVES MODELINFO SUMMARY SOLUTION (EXPONENTIATED).
Resources	Processor Time	00:00:00.10
	Elapsed Time	00:00:00.00

Model Information

Dependent Variable		Foot
Probability Distribution		Poisson
Link Function		Log
Subject Effect	1	Team
Within-Subject Effect	1	Player

Working Correlation Matrix Structure	Independent

Case Processing Summary

	N	Percent
Included	93	98.9%
Excluded	1	1.1%
Total	94	100.0%

Correlated Data Summary

Number of Levels	Subject Effect	Team	6
	Within-Subject Effect	Player	93
Number of Subjects			6
Number of Measurements per Subject	Minimum		13
	Maximum		20
Correlation Matrix Dimension			93

Categorical Variable Information

			N	Percent
Factor	Intervention	Control	46	49.5%
		Intervention	47	50.5%
		Total	93	100.0%

Continuous Variable Information

		N	Minimum	Maximum	Mean	Std. Deviation
Dependent Variable	Foot	93	0	2	.16	.398

Tests of Model Effects

Source	Type III Wald Chi-Square	df	Sig.
(Intercept)	225.758	1	.000
Intervention	1.242	1	.265

Dependent Variable: Foot
Model: (Intercept), Intervention

Parameter Estimates

			95% Wald Confidence Interval		Hypothesis Test			
Parameter	B	Std. Error	Lower	Upper	Wald Chi-Square	df	Sig.	Exp(B)
(Intercept)	-2.058	.2513	-2.551	-1.566	67.066	1	.000	.128
[Intervention=0]	.427	.3832	-.324	1.178	1.242	1	.265	1.533
[Intervention=1]	0[a]	.	.	.	.	.	.	1
(Scale)	1							

Parameter Estimates

	95% Wald Confidence Interval for Exp(B)	
Parameter	Lower	Upper
(Intercept)	.078	.209
[Intervention=0]	.723	3.248
[Intervention=1]	.	.
(Scale)		

Dependent Variable: Foot
Model: (Intercept), Intervention
a. Set to zero because this parameter is redundant.

Estimated Marginal Means: Intervention

Estimates

Intervention	Mean	Std. Error	95% Wald Confidence Interval	
			Lower	Upper
Control	.20	.039	.13	.29
Intervention	.13	.032	.08	.21