

# Notes On Seizure Study Analysis Datasets

**Project Name:** Seizure Study Analysis For PBHL-B552 Final Project

**Principal Investigator:** N/A

**Date of Request:** May 2, 2025 (Unknown)

**Datasets Created:** 2

**Name and Location of SAS Program Used to Generate Datasets:**

Magdaleno\_FinalProject.sas, located in student project submission folder (Canvas)

**Creation Date:** May 2, 2025

**Created By:** Johnny Magdaleno

**Biostatisticians:** N/A

**Cohort:** Children recruited from 6 locations who participated in 3 test sessions

## **Derived Variables:**

ICQRESIS - ICQ test score. Sum, with mean imputed for missing values. Variables include LEAVE, GOSTOP, REMOVE.

ICQUNADP - ICQ test score. Sum, with mean imputed for missing values. Variables include RESPERS, RESPLAC, ADAPT.

ICQDIFF - ICQ test score. Sum, with mean imputed for missing values. Variables include TIMFUS, CRYGEN, UPSET, LOUD, MOOD, ATTENT, PLAYALON, ATTBUS, OVDIFF.

FRESTEEM - FAMRES test score. Subscale, mean of all items after recoding. Value of 1 was subtracted from scores for questions RES19 through RES30 to produce scale value.

FRMAST - FAMRES test score. Subscale, mean of all items after recoding. Scores for questions RES1 through RES18 were subtracted from 4 to produce scale value.

CATIS - CATIS test score. Subscale, mean of all items after recoding. Question scores were subtracted from 6 to produce scale value.

CHILD\_AGE\_YRS - Age of child in years at each visit.

STATE\_SITE - State where child was recruited from.

## **SAS Formats:**

```
proc format;
```

```
value raceF 1='African-American' 2='Caucasian'
```

```
3='Hispanic' 4='Asian' 5='Native American'
```

```
6='Bi-Racial' 7='Other';
```

```
proc format;
value siteF 1='Indianapolis, Indiana' 2='Cincinnati, Ohio'
3='Peoria, Illinois' 4='Lexington, Kentucky' 5='Lincoln, Illinois'
6='Frankfort, Kentucky';
```

```
proc format;
value years
low-364 = "Less than a year"
365-730 = "1 - 2 years"
730-high = "2 or more years";
```

### Preliminary Statistics:

The MEANS Procedure

Variable	Label	N Miss	N	Mean	Std Dev	Minimum	Lower Quartile	Median	Upper Quartile	Maximum
ICQRESIS	ICQ - Resistance To Control Score	103	802	10.3946384	4.6576755	3.0000000	7.0000000	10.0000000	12.0000000	21.0000000
ICQUNADP	ICQ - Unadaptability Score	54	851	9.3748531	4.5140854	3.0000000	6.0000000	9.0000000	12.0000000	21.0000000
ICQDIFF	ICQ - Difficultness Score	100	805	31.1909938	10.5002264	9.0000000	24.0000000	30.0000000	37.0000000	63.0000000
FRESTEEM	FAMRES - Esteem Score	23	882	2.1712018	0.8662865	0	2.0000000	2.0000000	3.0000000	3.0000000
FRMAST	FAMRES - Master Score	14	891	2.2898977	0.5255401	0.0555556	2.0000000	2.3888889	2.6666667	3.0000000
CATIS	CATIS Score	94	811	2.1552628	0.5604322	1.0000000	1.6923077	2.0769231	2.4615385	4.2307692