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## 1 Introduction

## 2 Data

### 2.1

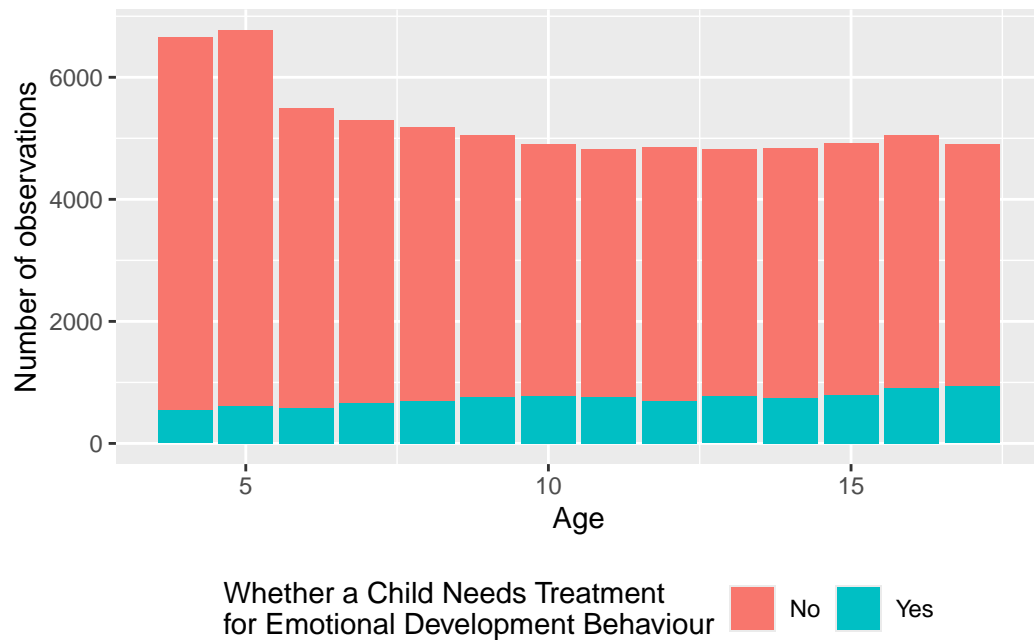
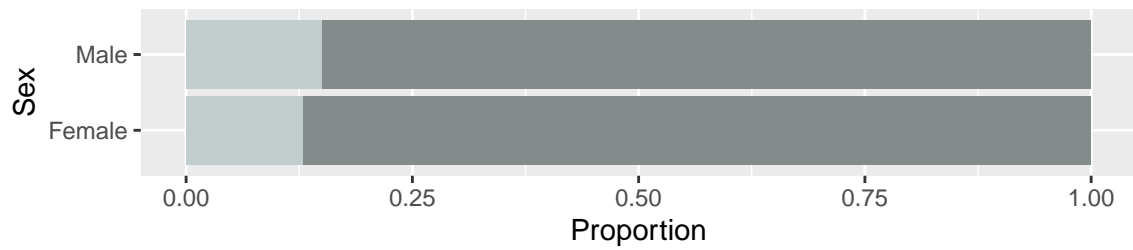


Figure 1: Distribution of Child's Age and Whether the Child Needs Treatment for Emotional Development Behavior

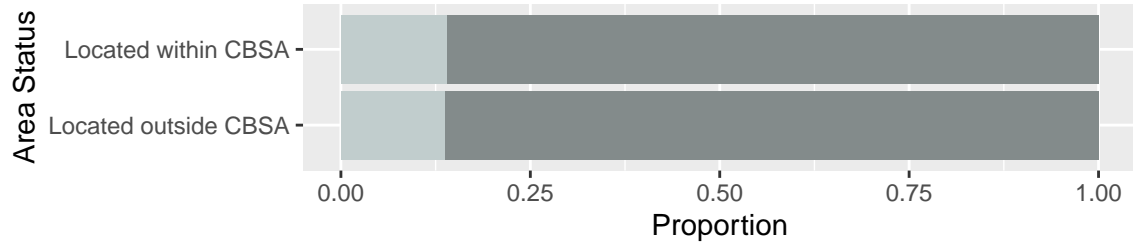
```
model <- readRDS(file = here::here("models/model.rds"))
```



Whether a Child Needs Treatment for Emotional Development Behaviour

No Yes

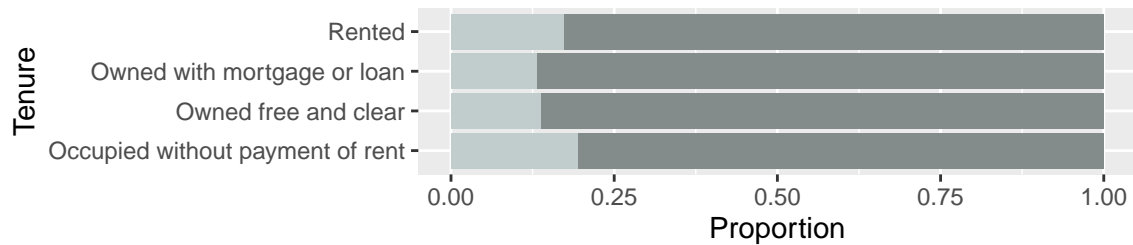
(a) Child's Sex and Emotion Developemnt



Whether a Child Needs Treatment for Emotional Development Behaviour

No Yes

(b) CBSA and Child's Emotional Development

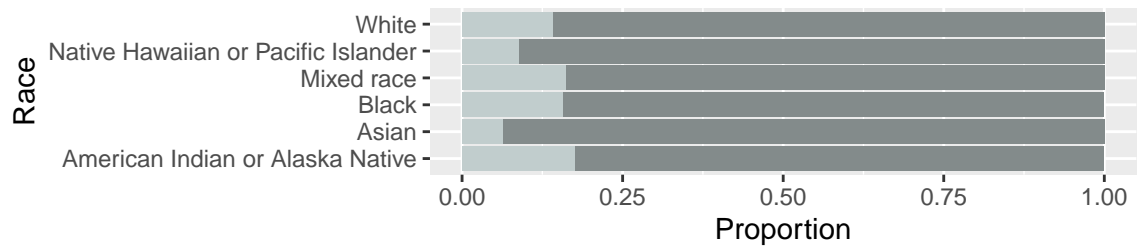


Whether a Child Needs Treatment for Emotional Development Behaviour

No Yes

(c) Tenure of Living Places and Child's Emotional Development

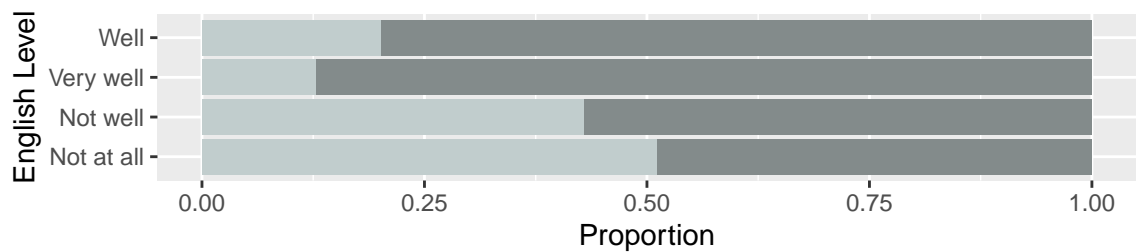
Figure 2: Core Based Statistical Area (CBSA) Status refers to the classification of a geographic area based on its relationship to an urban center, where CBSA is an area that has at least one urban center with a population of 10,000 or more.



Whether a Child Needs Treatment for Emotional Development Behaviour

No Yes

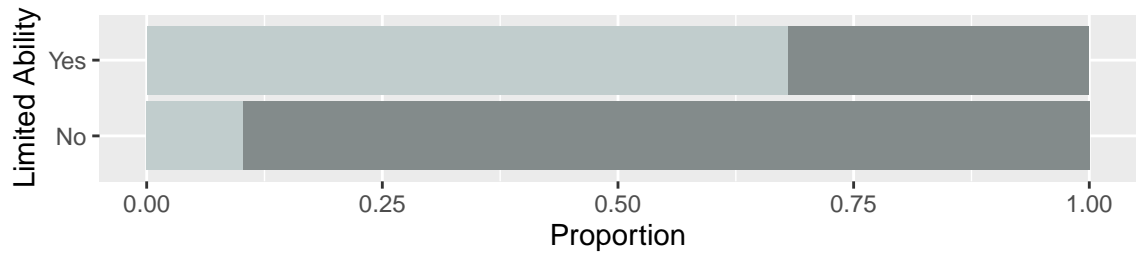
(a) Child's Race and Emotion Developemnt



Whether a Child Needs Treatment for Emotional Development Behaviour

No Yes

(b) Child's English Level and Emotion Developemnt



Whether a Child Needs Treatment for Emotional Development Behaviour

No Yes

(c) Child's Limited Ability and Need for Emotional Development Treatment

Figure 3: Limited ability refers to a child's restriction or inability to do the things that most children of the same age can do.

Table 1: Estimating Whether a Child Needs Treatment for Emotional Development Behavior Based on Age Group, Race, English Proficiency, and Limited Ability

	Treatment for Emotion Development
(Intercept)	−0.751
age_group6 or younger	−0.928
age_group7-12	−0.217
raceAsian	−1.331
raceBlack	−0.165
raceMixed race	0.034
raceNative Hawaiian or Pacific Islander	−1.041
raceWhite	−0.114
englishNot well	0.023
englishVery well	−1.017
englishWell	−0.529
child_limited_abilityYes	2.810
Num.Obs.	58 850
R2	0.183
Log.Lik.	−20 107.398
ELPD	−20 119.2
ELPD s.e.	154.5
LOOIC	40 238.4
LOOIC s.e.	309.0
WAIC	40 238.4
RMSE	0.31

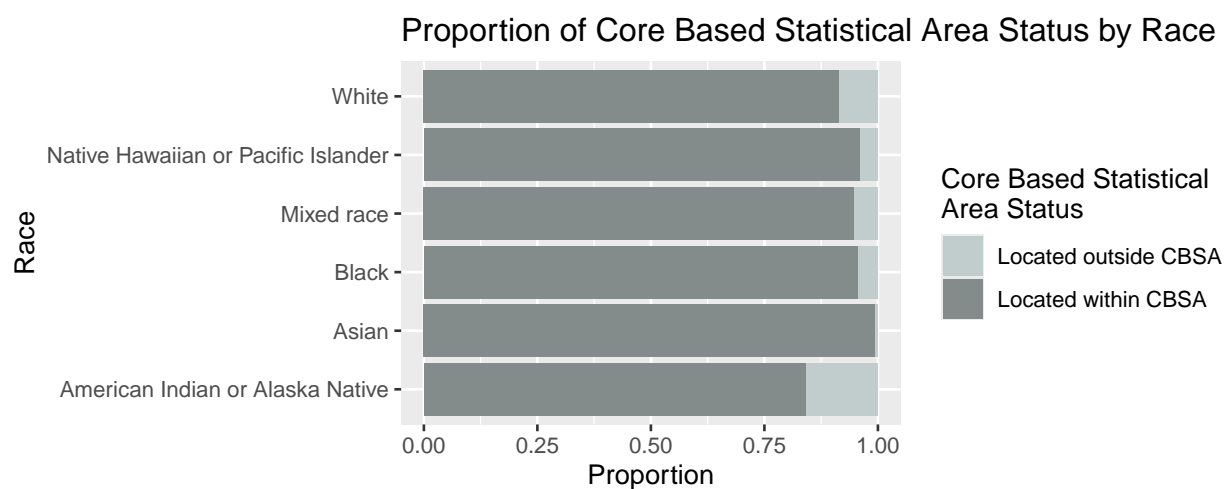


Figure 4: Core Based Statistical Area (CBSA) Status refers to the classification of a geographic area based on its relationship to an urban center, where CBSA is an area that has at least one urban center with a population of 10,000 or more.

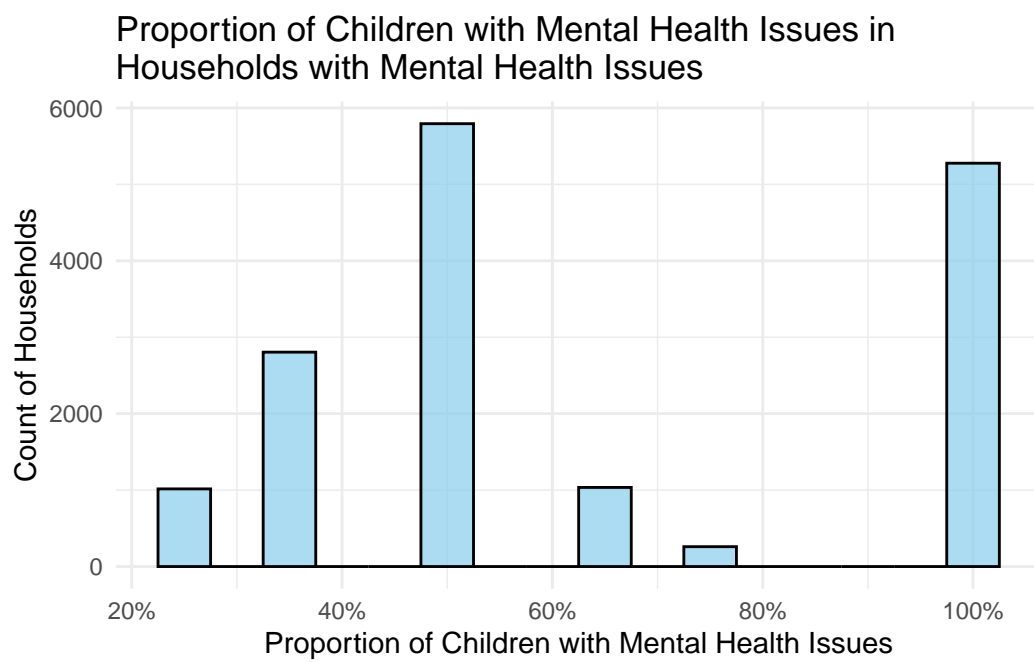


Figure 5