Chuck's Recreated Growth Curves

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```r
library("ggplot2")

df = read.csv("C:/Users/Nick/Documents/GrowthCurve ALZ 131 Data Analysis
Excel ng.csv")

##
## Call:
## lm(formula = correct ~ poly(CHILDAGE, degree = 3), data = task2)
##
## Residuals:
##     Min      1Q  Median      3Q     Max
## -0.6539 -0.1711 -0.1316  0.3461  0.8684
##
## Coefficients:
##                             Estimate Std. Error t value Pr(>|t|)
## (Intercept)                  0.34635    0.01462  23.687   <2e-16 ***
## poly(CHILDAGE, degree = 3)1  4.42346    0.35093  12.605   <2e-16 ***
## poly(CHILDAGE, degree = 3)2  0.88651    0.35093   2.526   0.0118 *
## poly(CHILDAGE, degree = 3)3 -0.59839    0.35093  -1.705   0.0887 .
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 0.3509 on 572 degrees of freedom
## Multiple R-squared:  0.2272, Adjusted R-squared:  0.2232
## F-statistic: 56.06 on 3 and 572 DF,  p-value: < 2.2e-16
```
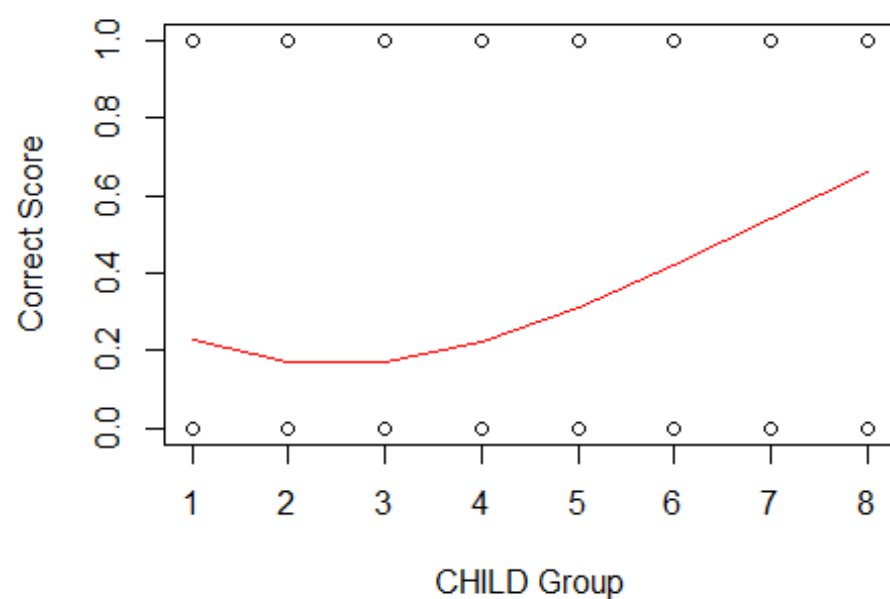
Child correct vs Child Group for task 1: Cubic Overlay
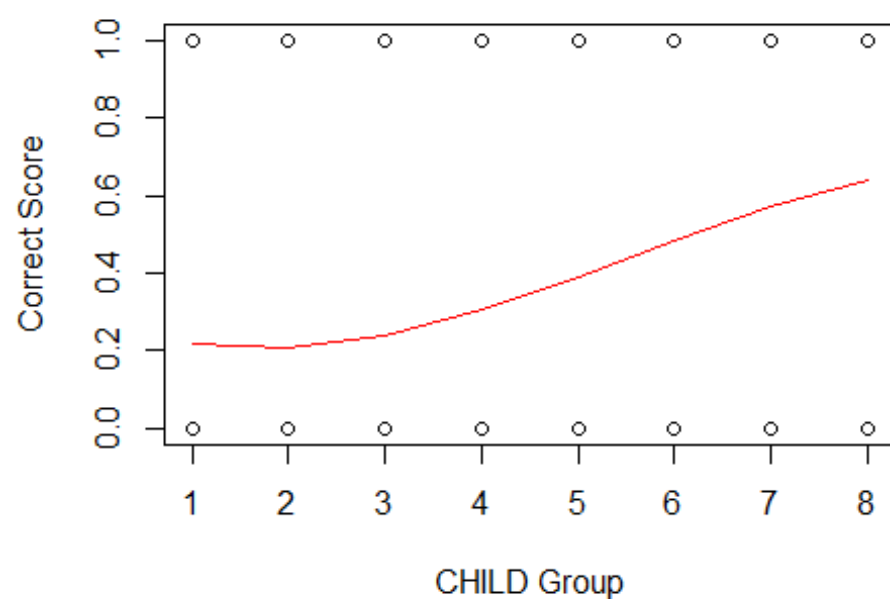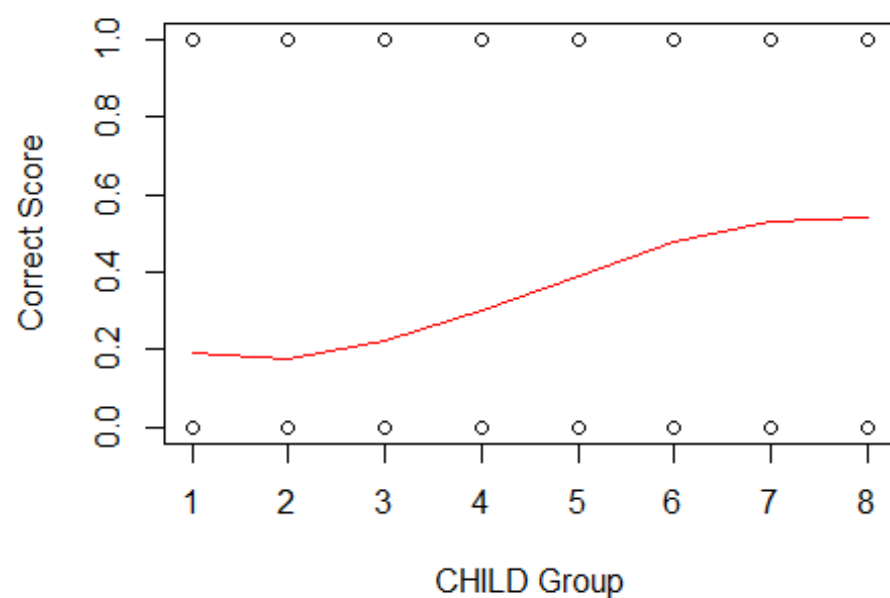

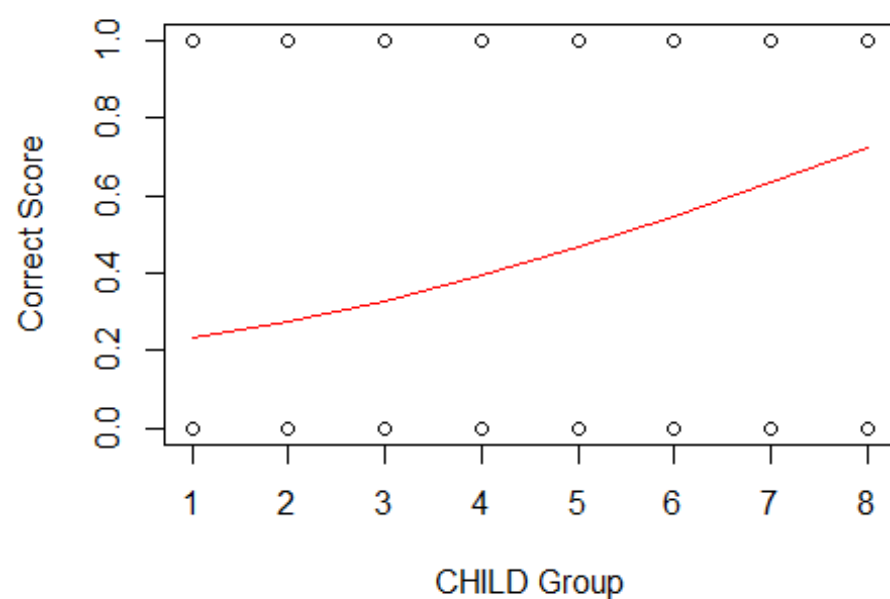**Child correct vs Child Group for task 2: Cubic Overlay**
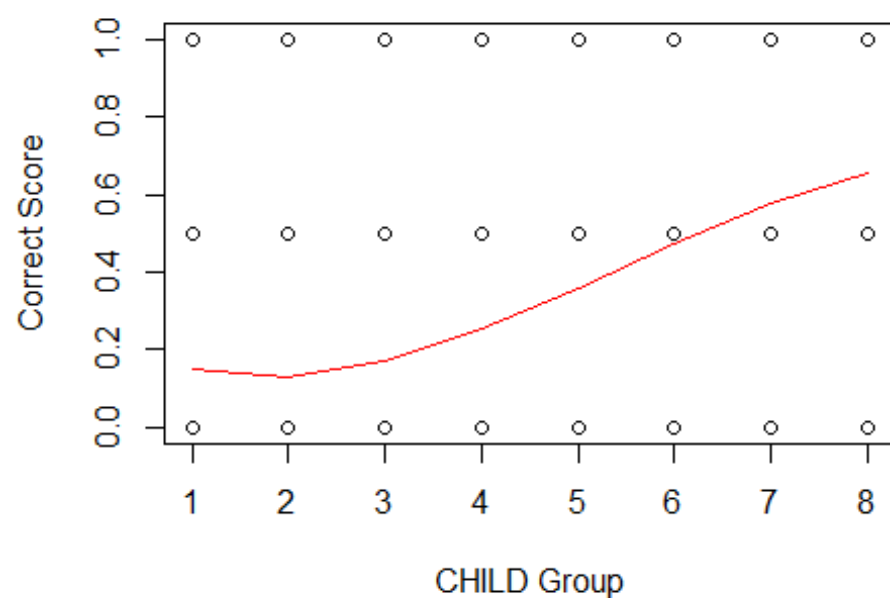
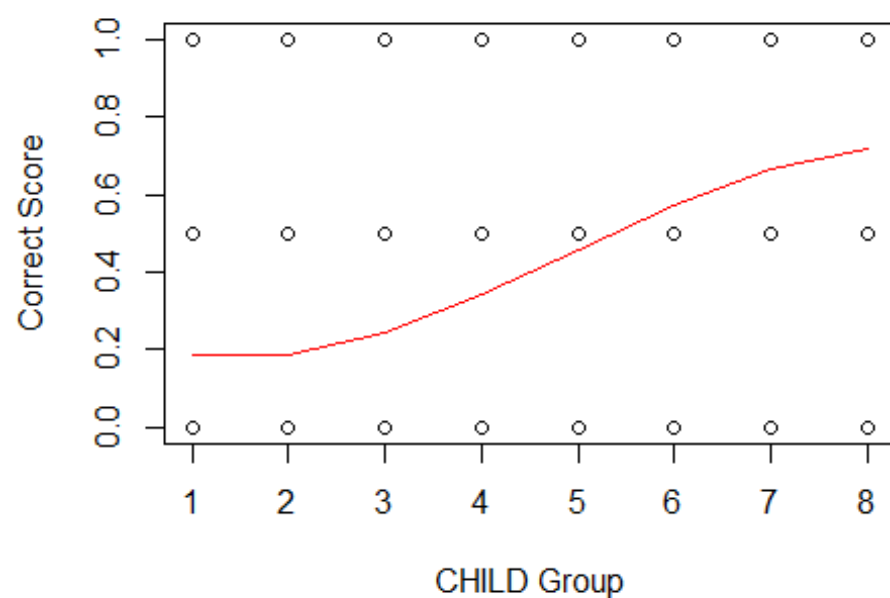**Child correct vs Child Group for TASK1XTR1: Cubic Overlay**
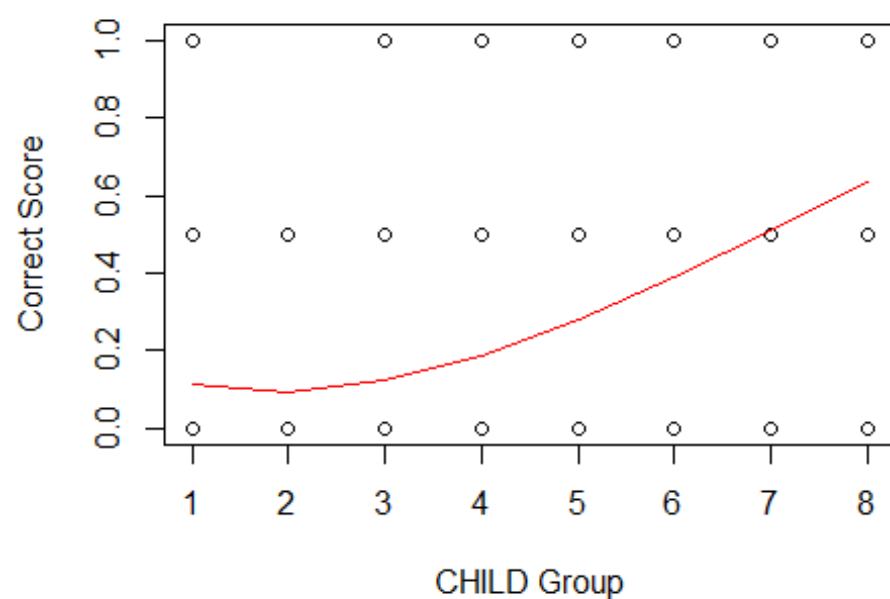

Child correct vs Child Group for TASK1XTR2: Cubic Overlay

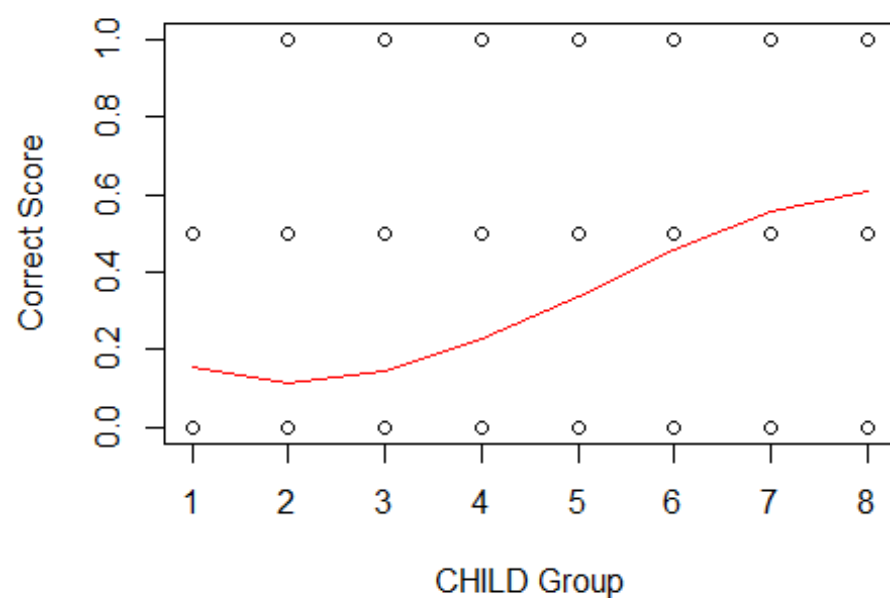**Child correct vs Child Group for TASK1XTR3: Cubic Overlay**

Correct Score

CHILD Group

Child correct vs Child Group for TASK2XTR1: Cubic Overlay

Correct Score

CHILD Group

Child correct vs Child Group for TASK2XTR2: Cubic Overlay

Correct Score vs CHILD Group

Child correct vs Child Group for TASK2XTR3: Cubic Overlay

Correct Score vs CHILD Group

Alternative Formatting: