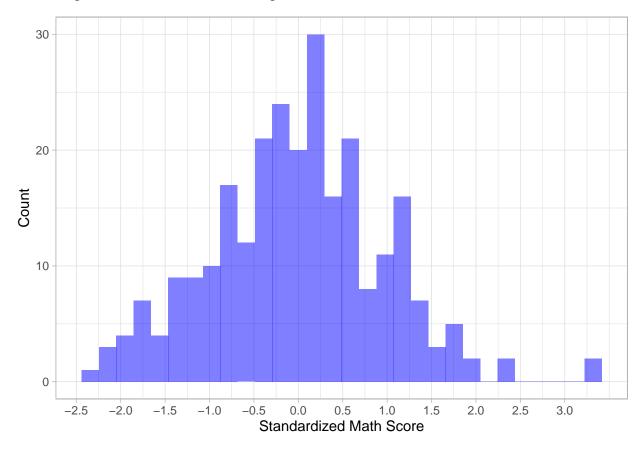
## Analyzing joined younger cohort data

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2022-10-30

## `stat\_bin()` using `bins = 30`. Pick better value with `binwidth`.

## Warning: Removed 21 rows containing non-finite values (stat\_bin).



## using yl cognitive scores:

```
# Reduced form
iv5aa_yc_rf <- felm(</pre>
```

```
formula = std_math ~ E_is + entype_r4 + chsex + zbfa + stunting + caredu_r1 +
   careage_r1 + hhsize + wi_new + hq_new +
   cd_new + elecq_new + ownlandhse_r1 + factor(foodsec_r3),
 data = filter(yl_yc_aa, std_math < 2.25)</pre>
iv6aa_yc_rf <- felm(</pre>
 formula = std_verbal ~ E_is + entype_r4 + chsex + zbfa + stunting + caredu_r1 +
   careage_r1 + hhsize + wi_new + hq_new +
   cd_new + elecq_new + ownlandhse_r1 + factor(foodsec_r3),
 data = filter(yl_yc_aa, std_math < 2.25)</pre>
stargazer(
 iv5aa_yc_rf, iv6aa_yc_rf,
 keep = c("E_is"),
 keep.stat = c("n", "rsq"),
 type = "text"
)
##
##
                Dependent variable:
##
             -----
##
                          std_verbal
                std math
##
                            (2)
                 (1)
## E_is
                0.209
                             0.147
##
                 (0.179)
                              (0.192)
##
## Observations
                 249
                                247
## R2
                0.169
                              0.135
## Note: *p<0.1; **p<0.05; ***p<0.01
summary(iv5aa_yc_rf)
##
## Call:
     felm(formula = std_math ~ E_is + entype_r4 + chsex + zbfa + stunting + caredu_r1 + careage_r
##
## Residuals:
                1Q Median
                                3Q
## -2.66504 -0.57547 0.03174 0.54289 2.46746
##
## Coefficients:
                    Estimate Std. Error t value Pr(>|t|)
## (Intercept)
                   -1.212299 0.649723 -1.866 0.0633 .
                    0.208616 0.178878
## E_is
                                       1.166 0.2447
                   -0.056377 0.053301 -1.058 0.2913
## entype_r4
## chsexMale
                    0.006162 0.120182 0.051 0.9592
                    0.046944 0.044466 1.056 0.2922
## zbfa
```

```
## stunting
                     -0.039976 0.084339 -0.474
                                                 0.6359
## caredu_r1
                     0.027841 0.017038 1.634
                                                 0.1036
## careage_r1
                     0.014586 0.007161 2.037
                                                 0.0428 *
## hhsize
                     -0.017836 0.030949 -0.576
                                                 0.5650
                               1.136732 0.924
## wi new
                     1.050404
                                                 0.3564
## hq_new
                      0.692874 0.631071
                                         1.098
                                                 0.2734
## cd new
                      0.251715 0.603961 0.417
                                                 0.6772
## elecq_new
                     0.6389
## ownlandhse_r1
                     -0.094868 0.169003 -0.561
                                                 0.5751
## factor(foodsec_r3)2  0.091619  0.194018  0.472
                                                 0.6372
## factor(foodsec_r3)3 -0.092194  0.224521 -0.411
                                                 0.6817
## factor(foodsec_r3)4  0.320971  0.404810  0.793
                                                 0.4286
## Signif. codes: 0 '***' 0.001 '**' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 0.8927 on 232 degrees of freedom
    (11 observations deleted due to missingness)
## Multiple R-squared(full model): 0.1688
                                       Adjusted R-squared: 0.1115
## Multiple R-squared(proj model): 0.1688
                                       Adjusted R-squared: 0.1115
## F-statistic(full model):2.944 on 16 and 232 DF, p-value: 0.0001869
## F-statistic(proj model): 2.944 on 16 and 232 DF, p-value: 0.0001869
```