Data Description

The dataset is aggregated from 10 different school-level surveys that conducted in rural areas of five provinces of from 2008 to 2015, which covered 54498 students from grade 4 to grade 8 across 65 counties in rural China. The dataset includes information on student characteristics (gender, grade, academic performance) and family background (household asset) as well as mental health situation (general MHT scores, each subcategory scores of MHT, whether or not children have anxious risk in general anxiety, whether or not children have anxious risk in each subcategory).

Codebook

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id Identifier

---

type: string (str27)

unique values: 54083 missing "": 0/54498

examples: "12011127Vit_1st_bs"
"130511104p4p1_bs"
"2070915316SIL1_bs"
"25011120Vit_1st_bs"

---

project Project - name

---

type: string (str14), but longest is str13

unique values: 10 missing "": 0/54498

examples: "Message"
"SIL1"
"SL"
"Vit_1st"

---

project_n Project - number

---

type: numeric (long)
label: project_n

```
        range:  [1,10]                  units:  1
unique values:  10                      missing .:  0/54498

     examples:  3     Message_bs
                4     SIL1_bs
                6     SL_bs
                8     Vit_1st_bs
```

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date — Date of survey round

```
          type:  string (str7)

unique values:  10                      missing "":  0/54498

     examples:  "09/2009"
                "09/2012"
                "09/2012"
                "10/2012"
```

---

citycode — citycode

```
          type:  numeric (float)

        range:  [1,24]                  units:  1
unique values:  16                      missing .:  0/54498

          mean:   6.75151
     std. dev:   6.12746

  percentiles:        10%       25%       50%       75%       90%
                        1         1         6        13        16
```

---

cityname — cityname

```
          type:  string (str8)

unique values:  16                      missing "":  0/54498

     examples:  "Hanzhong"
                "Tianshui"
                "Yulin"
                "Yulin"
```

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countycode countycode - original project

---

type: numeric (float)

range: [0,260] units: 1
unique values: 37 missing .: 25855/54498

mean: 128.502
std. dev: 81.8357

percentiles: 10% 25% 50% 75% 90%
6 101 109 204 210

---

countyname countyname

---

type: string (str12), but longest is str9

unique values: 65 missing "": 0/54498

examples: "海原"
"陇"
"神木"
"循化"

---

provincecode provincecode

---

type: numeric (float)

range: [1,9] units: 1
unique values: 5 missing .: 0/54498

tabulation: Freq. Value
26975 1
14332 2
5405 3
6325 4
1461 9

---

provincename provincename

---

type: string (str7)

unique values: 5 missing "": 0/54498

```
      tabulation:  Freq.  Value
                  1461  "Anhui"
                 14332  "Gansu"
                  7981  "Ningxia"
                  3749  "Qinghai"
                 26975  "Shaanxi"

-------------------------------------------------------------------------------------------
st_grade                                                                  School grade
-------------------------------------------------------------------------------------------

           type:  numeric (float)

          range:  [4,8]                units:  1
    unique values:  4                  missing .:  0/54498

      tabulation:  Freq.  Value
                 25734  4
                 18020  5
                  5247  7
                  5497  8

-------------------------------------------------------------------------------------------
st_male                                                     Gender (1=male;0=female)
-------------------------------------------------------------------------------------------

           type:  numeric (float)

          range:  [0,1]                units:  1
    unique values:  2                  missing .:  0/54498

      tabulation:  Freq.  Value
                 26137  0
                 28361  1

-------------------------------------------------------------------------------------------
hh_asset_fa                                  Standardized index for household
wealth
-------------------------------------------------------------------------------------------

           type:  numeric (float)

          range:  [-1.9750873,178007.02]      units:  1.000e-11
    unique values:  10928                 missing .:  5542/54498

           mean:   903.111
        std. dev:   8166.94

      percentiles:       10%       25%       50%       75%       90%
```

-.972586 -.649003 -.266276 .847427 1.29154

---

st_test_score Standardized cognitive test scores

---

type: numeric (float)

range: [-4.0461168,4.2418613] units: 1.000e-10
unique values: 420 missing .: 0/54498

mean: .007805
std. dev: .997834

percentiles: 10% 25% 50% 75% 90%
-1.37281 -.67637 .026825 .73031 1.26887

---

cyrinc County per capita disposable income of rural residents

---

type: numeric (float)

range: [3234,13622] units: .01
unique values: 65 missing .: 0/54498

mean: 8036.23
std. dev: 3017.33

percentiles: 10% 25% 50% 75% 90%
4981 5482 7416 9364 13086

---

cyrinc_new County per capita rural net income, per thousand yuan

---

type: numeric (float)

range: [3.234,13.622] units: 1.000e-07
unique values: 65 missing .: 0/54498

mean: 8.03623
std. dev: 3.01733

percentiles: 10% 25% 50% 75% 90%
4.981 5.482 7.416 9.364 13.086

---

st_nc_mentalhealth Standardized mental health test scores

---

type: numeric (float)

range: [-2.95063,3.6777575] units: 1.000e-08
unique values: 85 missing .: 0/54498

mean: -2.0e-09
std. dev: 1

percentiles: 10% 25% 50% 75% 90%
-1.31303 -.68918 .012649 .714478 1.26035

---

nc_mentalhealth Mental health - total score (0-90)

---

type: numeric (float)

range: [0,85] units: 1
unique values: 85 missing .: 0/54498

mean: 37.8378
std. dev: 12.8236

percentiles: 10% 25% 50% 75% 90%
21 29 38 47 54

---

nc_anxiety_study Mental health - personal anxiety score (0-15)

---

type: numeric (float)

range: [0,15] units: 1
unique values: 16 missing .: 0/54498

mean: 8.24245
std. dev: 2.90228

percentiles: 10% 25% 50% 75% 90%
4 6 8 10 12

---

nc_anxiety_pers Mental health - study anxiety score (0-10)

---

type: numeric (float)

range: [0,10] units: 1
unique values: 11 missing .: 0/54498

mean: 4.18617
std. dev: 2.19521

percentiles: 10% 25% 50% 75% 90%
1 3 4 6 7

---

nc_lonely Mental health - lonelyness score(0-10)

---

type: numeric (float)

range: [0,10] units: 1
unique values: 11 missing .: 0/54498

mean: 2.87121
std. dev: 1.96536

percentiles: 10% 25% 50% 75% 90%
1 1 3 4 6

---

nc_guilty Mental health - guilthy score (0-10)

---

type: numeric (float)

range: [0,10] units: 1
unique values: 11 missing .: 0/54498

mean: 5.39633
std. dev: 2.23877

percentiles: 10% 25% 50% 75% 90%
2 4 5 7 8

---

nc_sensitive Mental health - sensitivity score (0-10)

---

type: numeric (float)

range: [0,10] units: 1
unique values: 11 missing .: 0/54498

mean: 5.08976
std. dev: 2.04518

percentiles: 10% 25% 50% 75% 90%
2 4 5 6 8

---

nc_symptomatic Mental health - bodily symptoms score (0-15)

---

type: numeric (float)

range: [0,15] units: 1
unique values: 16 missing .: 0/54498

mean: 5.21911
std. dev: 2.79025

percentiles: 10% 25% 50% 75% 90%
2 3 5 7 9

---

nc_phobic Mental health - phobic score (0-10)

---

type: numeric (float)

range: [0,10] units: 1
unique values: 11 missing .: 0/54498

mean: 4.22359
std. dev: 2.58486

percentiles: 10% 25% 50% 75% 90%
1 2 4 6 8

---

nc_impulsive Mental health - impulsive score (0-10)

---

type: numeric (float)

range: [0,10] units: 1
unique values: 11 missing .: 0/54498

mean: 2.60918
std. dev: 2.18038

```
      percentiles:        10%       25%       50%       75%       90%
                            0         1         2         4         6
```

Atrisk Whether or not kids have 7+ points in any category

```
             type:  numeric (float)

            range:  [0,1]                units:  1
      unique values:  2                  missing .:  0/54498

        tabulation:  Freq.  Value
                     16034  0
                     38464  1
```

A_nc_anxiety_study Whether or not kids have 7+ points in anxiety_study subcategory

---

```
             type:  numeric (float)

            range:  [0,1]                units:  1
      unique values:  2                  missing .:  0/54498

        tabulation:  Freq.  Value
                     20901  0
                     33597  1
```

A_nc_anxiety_pers Whether or not kids have 7+ points in anxiety_pers subcategory

---

```
             type:  numeric (float)

            range:  [0,1]                units:  1
      unique values:  2                  missing .:  0/54498

        tabulation:  Freq.  Value
                     50868  0
                      3630  1
```

A_nc_lonely Whether or not kids have 7+ points in lonely subcategory

---

```
             type:  numeric (float)
```

range: [0,1] units: 1
unique values: 2 missing .: 0/54498

tabulation: Freq. Value
53505 0
993 1

A_nc_guilty Whether or not kids have 7+ points in guilty subcategory

---

type: numeric (float)

range: [0,1] units: 1
unique values: 2 missing .: 0/54498

tabulation: Freq. Value
44531 0
9967 1

A_nc_sensitive Whether or not kids have 7+ points in sensitive subcategory

---

type: numeric (float)

range: [0,1] units: 1
unique values: 2 missing .: 0/54498

tabulation: Freq. Value
47963 0
6535 1

A_nc_symptomatic Whether or not kids have 7+ points in symptomatic subcategory

---

type: numeric (float)

range: [0,1] units: 1
unique values: 2 missing .: 0/54498

tabulation: Freq. Value
43001 0
11497 1

A_nc_phobic Whether or not kids have 7+ points in phobic subcategory

---

type: numeric (float)

range: [0,1] units: 1
unique values: 2 missing .: 0/54498

tabulation: Freq. Value
48167 0
6331 1

A_nc_impulsive Whether or not kids have 7+ points in impulsive subcategory

---

type: numeric (float)

range: [0,1] units: 1
unique values: 2 missing .: 0/54498

tabulation: Freq. Value
53207 0
1291 1