

Item Response Variables

Year 1 parent responses regarding their child

All questions have three responses: Not true, somewhat true, true

- Q3A : Considerate of other people's feeling
- Q3B : **Not** Restless, overactive
- Q3C : **Not** Often complaints of headaches, stomachaches, sickness
- Q3D : Shares with other children
- Q3E : **Not** Often loses temper
- Q3F : **Not** Rather solitary, prefers to play alone
- Q3G : Generally well-behaved
- Q3H : **Not** Many worries
- Q3I : Helpful if someone is hurt
- Q3J : **Not** Fidgeting or squirming
- Q3K : Has at least one good friend
- Q3L : **Not** Fights or bullies other children
- Q3M : **Not** Often unhappy, depressed
- Q3N : Liked by other children
- Q3O : **Not** Easily distracted
- Q3P : **Not** Nervous in new situations
- Q3Q : Kind to younger children
- Q3R : **Not** Often lies or cheats
- Q3S : **Not** Picked on or bullied by other children
- Q3T : Offers to help others
- Q3U : Thinks things out before acting
- Q3V : **Not** Steals from home, school, or elsewhere
- Q3W : **Not** Gets along better with adults than with other children
- Q3X : **Not** Has many fears or easily scared
- Q3Y : Good attention span, completes chores or homework

Year 3 parent responses regarding their child

- S4A : Considerate of other people's feeling
- S4B : **Not** Restless, overactive
- S4C : **Not** Often complaints of headaches, stomachaches, sickness
- S4D : Shares with other children
- S4E : **Not** Often loses temper
- S4F : **Not** Rather solitary, prefers to play alone
- S4G : Generally well-behaved
- S4H : **Not** Many worries
- S4I : Helpful if someone is hurt
- S4J : **Not** Fidgeting or squirming
- S4K : Has at least one good friend

S4L : **Not** Fights or bullies other children
S4M : **Not** Often unhappy, depressed
S4N : Liked by other children
S4O : **Not** Easily distracted
S4P : **Not** Nervous in new situations
S4Q : Kind to younger children
S4R : **Not** Often lies or cheats
S4S : **Not** Picked on or bullied by other children
S4T : Offers to help others
S4U : Thinks things out before acting
S4V : **Not** Steals from home, school, or elsewhere
S4W : **Not** Gets along better with adults than with other children
S4X : **Not** Has many fears or easily scared
S4Y : Good attention span, completes chores or homework

Q Matrix

There are 5 attributes measured by the questionnaire:

- 1) Hyperactivity
- 2) Emotional Symptom
- 3) Conduct Problems
- 4) Peer Problems
- 5) Prosocial

[1,]	0	0	0	0	1
[2,]	1	0	0	0	0
[3,]	0	1	0	0	0
[4,]	0	0	0	0	1
[5,]	0	0	1	0	0
[6,]	0	0	0	1	0
[7,]	0	0	1	0	0
[8,]	0	1	0	0	0
[9,]	0	0	0	0	1
[10,]	1	0	0	0	0
[11,]	0	0	0	1	0
[12,]	0	0	1	0	0
[13,]	0	1	0	0	0
[14,]	0	0	0	1	0
[15,]	1	0	0	0	0
[16,]	0	1	0	0	0
[17,]	0	0	0	0	1
[18,]	0	0	1	0	0
[19,]	0	0	0	1	0
[20,]	0	0	0	0	1
[21,]	1	0	0	0	0
[22,]	0	0	1	0	0
[23,]	0	0	0	1	0
[24,]	0	1	0	0	0
[25,]	1	0	0	0	0

Individual Level Covariates

P6 : Number of parents of your child's friends you know
Q2A : Number of adults in household
Q2B : Number of children in household
Q17A : How often do you speak spanish
(1 - 5) never, rarely, sometime, often, always
Q17B : How often do you speak english
(1 - 5) never, rarely, sometime, often, always
A5A : Overall academic performance
(1) 0-10 percentile
(2) 10-30 percentile
(3) 30-70 percentile
(4) 70-90 percentile
(5) 90-100 percentile
DOB : Birth Year
GENDER
: Gender
(0) Male, (1) Female
RACE_NATIVE
: Native American race/ethnicity
RACE_ASIANPI
: Asian or Pacific islander race/ethnicity
RACE_BLACK
: Black race/ethnicity
RACE_HISP
: Hispanic race/ethnicity
RACE_WHITE
: White race/ethnicity
LUNCH_STATUS
: Whether student qualified for free (1), reduced (2), or full (3) price lunch
ELL_STATUS
: Whether student was english language learner in first year
SPED_STATUS
: Whether student was in special education in first year

KINDERGARTEN
: Whether student attended same school for elementary school
ATTENDANCE_RATE
: Percentage of school year in attendance
MATH_PCTZ
: Math performance z score
READ_PCTZ
: Reading performance z score

CHANGE_SCHOOL

: Whether student switched schools from year 1 to year 3

ATTEND1

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ATTEND8

: Whether student attended each of 8 FAST sessions

Group level covariates

FAST : School participated in FAST year 1

PHOENIX

: Whether school is in Phoenix

P_RE_BLACK

: (0) less than 25% student body black or (1) more than 25% student body black

P_RE_WHITE

: (0) less than 25% student body white or (1) more than 25% student body white

P_RE_HISP

: (0) less than 50% student body hispanic or (1) 50% to 75% student body hispanic or (2) more than 75% student body hispanic

P_RE_OTHER

: (0) less than 5% student body other race/ethnicity or (1) more than 5% student body other race/ethnicity

P_FRPL

: (0) less than 50% student body qualify for free/reduced price lunch or (1) 50% to 75% student body qualify for free/reduced price lunch or (2) more than 75% student body qualify for free/reduced price lunch

P_READ

: (0) less than 50% student body met Adequate Yearly Progress (AYP) in Reading or (1) 50% to 75% student body met AYP in Reading or (2) more than 75% student body met AYP in Reading

P_MATH

: (0) less than 50% student body met Adequate Yearly Progress (AYP) in Math or (1) 50% to 75% student body met AYP in Math or (2) more than 75% student body met AYP in Math

DISTRICT1

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DISTRICT4

: Whether school is in respective district

Missing/Imputed Values

Number of imputed values per feature: