Table A1. Predictor variables of context (students, teachers, school).

Code	Variable	Operational definition	Range
ST_ESCS	ESCS	Variable ESCS PISA 2018	Continuous
ST_GENDER	Student Gender	ST004Q01TA	0: Male 1: Female
ST_INMIG	Immigrant Background	ST019AQ-BQ-CQ-01T	0: Native 1: 2nd generation immigrant 2: 1st generation immigrant
ST_REPEAT	Repetition	ST127Q01-03TA	0: No 1: Yes
TCH_AGE	Age	TC002Q01NA	Continuous
TCH_YEARS_SCHOOL	Years working at the school	TC007Q01NA	Continuous
TCH_YEARS_EXPERIENCE	Teaching experience	TC007Q02NA	Continuous
TCH_GENDER	Teacher Gender	TC001Q01NA	0: Male 1: Female
TCH_CONTRACT	Type of contract	TC005Q01NA	1: Full time 2: Part Time 90-71% 3: Part Time 70-50% 4: Part Time - 50%
SCH_STUBEHA	Learning Difficulties	SC061Q01-05TA	Continuous
SCH_TEACHBEHA	Teaching Difficulties	SC061Q06-11TA	Continuous
SCH_SCHSIZE	School size	SC002Q01-02TA	Continuous
SCH_STRATIO	Student-Teacher Ratio	SC002/SC018Q01TA	Continuous
SCH_STAFFSHORT	Teacher Shortage	SC017Q01-08NA	Continuous
SCH_OWN_PUBLIC	Public Ownership	SC013Q01TA	0: Rest of schools 1: Public
SCH_OWN_PRIVATE	Private Ownership	SC013Q01TA	0: Rest of schools 1: Private

Table A2. Predictor variables of teaching strategies (students, teachers, school).

Code	Variable	Operational definition	Range
ST_DISCLIMA	Disciplined climate (student)	ST097Q01-05TA	0-1
ST_TEACHSUP	Teacher support	ST100Q01-05TA	0-1
ST_TCH_EMOSUP	Teacher emotional support	ST211Q01-03HA	0-1
ST_DIRINS	Direct instruction (student)	ST102Q01-04TA	0-1
ST_PERFEED	Perceived Feedback	ST104Q02-04NA	0-1
ST_ADAPTIVITY	Adaptation of Teaching	ST212Q01-03HA	0-1
ST_TEACHINT	Teacher interest	ST213Q01-04HA	0-1
ST_DISCRIM	Perceived discrimination at school	ST223Q02-04-05-08HA	0-1
TCH_SEFFCM	Self-Efficacy in classroom management	TC199Q04-08-09HA	0-1
TCH_SEFFREL	Self-Efficacy in building positive relationships with students	TC199Q01-02-05HA	0-1
TCH_SEFFINS	Self-efficacy in instructional settings	TC199Q03-10-11-12HA	0-1
TCH_TCDISCLIMA	Disciplined climate (teacher)	TC170Q01-05HA	0-1
TCH_TCDIRINS	Perceived direct instruction (teacher)	TC171Q01-04HA	0-1
TCH_FEEDBACK	Feedback (teacher)	TC192Q01-05HA	0-1
TCH_ADAPTINSTR	Adaptive instruction	TC202Q01-04HA	0-1
TCH_FEEDBINSTR	Feedback instruction	TC202Q05-09HA	0-1
TCH_GCSELF	Self-Efficacy in Multicultural Environments	TC209Q01-02-05-06-09HA	0-1
TCH_ASSESS	Assessment activities	TC054Q01-07NA	0-1
SCH_EQ_IMMIG_SUM	Equity Policies for Students with Another Language	SC150Q01-05IA	0-5