**PISA dataset: documentation for variables**

**SCHOOLID** school number

**STUDID** student number

**ST03Q02** birth month

**ST03Q03** birth year

**ST01Q01** level of education 1 = elementary school, 2 = elementary school / 10th year, 3 = high school, 4 = vocational school, 5 = dual qualification, 6 = other

**ST02Q01** study plan

**ST04Q01** gender 1 = female, 2 = male

**ST05Q01** have you been at day care or at preschool? 1 = “no”, 2 = ”yes, at maximum one year”, 3 = “yes. over one year”

**ST12Q01** mother’s work situation 1 = full-time job, 2 = part-time job, 3 = unemployed, 4 = other (e.g., at home, retired)

**ST16Q01** father’s work situation 1 = full-time job, 2 = part-time job, 3 = unemployed, 4 = other (e.g., at home, retired)

**ST27Q01** When I study, I try to memorize everything what is said in the text. 1 = hardly ever, 2 = sometimes, 3 = often, 4 = nearly always

**ST27Q02** When I study, I start by examining what exactly I need to learn. 1 = hardly ever, 2 = sometimes, 3 = often, 4 = nearly always

**ST27Q03** When I study, I try to memorize information as much as possible. 1 = hardly ever, 2 = sometimes, 3 = often, 4 = nearly always

**ST27Q04** When I study, I try to connect the new information to other things I have learned elsewhere. 1 = hardly ever, 2 = sometimes, 3 = often, 4 = nearly always

**ST27Q05** When I study, I read the text so many times that I can remember it completely. 1 = hardly ever, 2 = sometimes, 3 = often, 4 = nearly always

**ST27Q06** When I study, I make sure that I understand what I have read. 1 = hardly ever, 2 = sometimes, 3 = often, 4 = nearly always

**ST27Q07** When I study, I read the text again and again. 1 = hardly ever, 2 = sometimes, 3 = often, 4 = nearly always

**ST27Q08** When I study, I think about how to use the learned information in real life. 1 = hardly ever, 2 = sometimes, 3 = often, 4 = nearly always

**ST27Q09** When I study, I try to clarify the concepts what I did not quite yet understand. 1 = hardly ever, 2 = sometimes, 3 = often, 4 = nearly always

**ST27Q10** When I study, I try to connect the material to my personal experiences. 1 = hardly ever, 2 = sometimes, 3 = often, 4 = nearly always

**ST27Q11** When I study, I make sure that I remember the most important pieces of the text. 1 = hardly ever, 2 = sometimes, 3 = often, 4 = nearly always

**ST27Q12** When I study, I try to make clear how the content of the text is connected to real life. 1 = hardly ever, 2 = sometimes, 3 = often, 4 = nearly always

**ST27Q13** When I study, I look for additional information to understand the topic to be learned. 1 = hardly ever, 2 = sometimes, 3 = often, 4 = nearly always

**age** age of a student (years)

**ICTHOME** availability of information technology at home (index)

**ICTSCH** availability of information technology at school (index)

**ENTUSE** uses information technology for entertainment (index)

**HOMSCH** uses information technology at home for school assignments (index)

**USESCH** uses information technology at school (index)

**HIGHCONF** has a high confidence when using information technology (index)

**ATTCOMP** attitude towards information technology (index)

**joyread** reads for a joy (index)

**wealth** wealth (index)

**divread** diversity of reading (index)

**onlnread** reading of online texts (index)

**schclim** school atmosphere (index)

**studrel** student’s relationship with teachers (index)

**libuse** use of library (index)

**HISEI** professional status of parent’s (index)

**ESCS** socioeconomic status of the family (index)

**W\_FSTUWT** student (sampling) weigh

**stuwt** student’s scaled (sampling) weight

**urban** location type of school 1 = city, 2 = countryside

**region** region 1 = Southern Finland, 2 = Western Finland, 3 = Eastern Finland, 4 = Northern Finland, 5 = Åland

**ST43N01** I expect to graduate from elementary school. 1 = yes, 2 = no

**ST43N02** I expect to graduate from high school or vocational school. 1 = yes, 2 = no

**ST43N04** I expect to graduate from polytechnic. 1 = yes, 2 = no

**ST43N05** I expect to graduate from university. 1 = yes, 2 = no

**ST43N06** I expect to graduate from university as a licentiate or doctor. 1 = yes, 2 = no

**ST47N01** I work hard at native language because I want to succeed. 1 = totally agree, 2 = agree, 3 = disagree, 4 = totally disagree

**ST47N02** I work hard on mathematics because I want to succeed. 1 = totally agree, 2 = agree, 3 = disagree, 4 = totally disagree

**ST47N03** I work hard in science because I want to succeed. 1 = totally agree, 2 = agree, 3 = disagree, 4 = totally disagree

**readscore** reading score

**mathscore** mathematics score

**sciescore** science score

**natlang** Mother language and literature: the latest school grade

**math** Mathematics: the latest school grade