The data set used is: Skolverket, & International Association for the Evaluation of Educational Achievement. 2017. Datafiler med provresultat och enkätsvar för den svenska populationen i Trends in International Mathematics and Science Study (TIMSS) 2015 årskurs 4, och årskurs 8 [Data files with test results and survey results for the Swedish population in TIMSS 2015, Grade 4 and Grade 8]. (Dnr 75-2013:69). Stockholm: Skolverket.

Scholars interested in getting access to the data should contact Skolverket.

The structure of the TIMSS data (student questionnaire, parent questionnaire, principle survey) is described in materials available at: <https://timssandpirls.bc.edu/timss2015/international-database/>

Information in Swedish on the survey is available at:

https://www.skolverket.se/publikationsserier/rapporter/2016/timss-2015.-svenska-grundskoleelevers-kunskaper-i-matematik-och-naturvetenskap-i-ett-internationellt-perspektiv?id=3707

Methods are also described in the linked paper.

|  |  |
| --- | --- |
| **Name in Statistical Details file** | **Name in paper** |
| AktivtSkolval | Active choice of school |
| Edu\_Parents | Parent with tertiary education |
| FOP | Foreign born parent |
| ESeC3 | Parents’ social class |
| Proud | *Agree strongly with the statement ‘I am proud to go to this school’* |
| AmbitionPostgrad | Answer to question ”How far in his/her education do you expect your child to go?” is postgraduate education |
| Stämmer precis att jag lär mig många intressanta saker i NO | Strongly agree with ‘I learn many interesting things in science’ |
| Stämmer inte alls att Jag önskar att jag inte behövde lära mig NO | Strongly agree with ‘I wish I did not have to study science.’ |
| Stämmer precis att jag lär mig många intressanat saker i matematik | Strongly agree with ‘I learn many interesting things in maths |
| Stämmer inte alls att jag önskar att jag inte behövde lära mig matematik | Do not want to drop mathematics |
| Area of school location | Area of school location |

In the Principal\_survey\_by\_location\_school\_choice.pdf document, variable names have been pasted into the document. The codes use are correspond to those used in the international database.