

**Data frame: lsay\_data**

<i>ID</i>	<i>Name</i>	<i>Label</i>	<i>Values</i>	<i>Value Labels</i>
1	AB39M	I ENJOY SCIENCE	1 2 3 4 5	Strongly agree Agree Not sure Disagree Strongly disagree
2	AB39N	I AM GOOD AT SCIENCE	1 2 3 4 5	Strongly agree Agree Not sure Disagree Strongly disagree
3	AB39O	USUALLY UNDERSTAND SCIENCE	1 2 3 4 5	Strongly agree Agree Not sure Disagree Strongly disagree
4	AB39A	I ENJOY MATH	1 2 3 4 5	Strongly agree Agree Not sure Disagree Strongly disagree
5	AB39B	I AM GOOD AT MATH	1 2 3 4 5	Strongly agree Agree Not sure Disagree Strongly disagree
6	AB39C	USUALLY UNDERSTAND MATH	1	Strongly

			2	agree
			3	Agree
			4	Not sure
			5	Disagree
				Strongly disagree
7	AB39E	MATH MAKES ME NERVOUS	1	Strongly disagree
			2	Disagree
			3	Not sure
			4	Agree
			5	Strongly agree
8	AB39F	WORRY ABOUT MATH TEST GRADES	1	Strongly disagree
			2	Disagree
			3	Not sure
			4	Agree
			5	Strongly agree
9	AB39G	SCARED WHEN I OPEN MATH BOOK	1	Strongly disagree
			2	Disagree
			3	Not sure
			4	Agree
			5	Strongly agree
10	AB39H	MATH USEFUL IN EVERYDAY PROBLEMS	1	Strongly agree
			2	agree
			3	Agree
			4	Not sure
			5	Disagree
				Strongly disagree
11	AB39I	MATH HELPS LOGICAL THINKING	1	Strongly agree
			2	agree
			3	Agree
			4	Not sure
			5	Disagree
				Strongly disagree

12	AB39L	WILL USE MATH OFTEN AS AN ADULT	1	Strongly agree
			2	agree
			3	Agree
			4	Not sure
			5	Disagree
				Strongly disagree
13	AB39Q	SCIENCE MAKES ME NERVOUS	1	Strongly disagree
			2	disagree
			3	Disagree
			4	Not sure
			5	Agree
				Strongly agree
14	AB39R	WORRY ABOUT SCIENCE TEST GRADES	1	Strongly disagree
			2	disagree
			3	Disagree
			4	Not sure
			5	Agree
				Strongly agree
15	AB39S	SCARED WHEN I OPEN SCIENCE BOOK	1	Strongly disagree
			2	disagree
			3	Disagree
			4	Not sure
			5	Agree
				Strongly agree
16	AB39T	SCIENCE USEFUL IN EVERYDAY PROBLEMS	1	Strongly agree
			2	agree
			3	Agree
			4	Not sure
			5	Disagree
				Strongly disagree
17	AB39U	SCIENCE HELPS LOGICAL THINKING	1	Strongly agree
			2	agree
			3	Agree
			4	Not sure
			5	Disagree

				Strongly disagree
18	AB39X	WILL USE SCIENCE OFTEN AS AN ADULT	1	Strongly agree
			2	agree
			3	Agree
			4	Not sure
			5	Disagree
				Strongly disagree
19	AB37A	POSITIVE ATTITUDE TOWARD SELF	1	Strongly agree
			2	agree
			3	Agree
			4	Not sure
			5	Disagree
				Strongly disagree
20	AB37B	GOOD LUCK MORE IMPORTANT THAN WORK	1	Strongly agree
			2	agree
			3	Agree
			4	Not sure
			5	Disagree
				Strongly disagree
21	AB37C	I AM A PERSON OF WORTH	1	Strongly agree
			2	agree
			3	Agree
			4	Not sure
			5	Disagree
				Strongly disagree
22	AB37D	ABLE TO DO THINGS AS WELL AS OTHERS	1	Strongly agree
			2	agree
			3	Agree
			4	Not sure
			5	Disagree
				Strongly disagree
23	AB37E	TRY GET AHEAD, THWARTED	1	Strongly agree
			2	agree
			3	Agree

			4	Not sure
			5	Disagree
				Strongly disagree
24	AB37F	PLANS HARDLY EVER WORK OUT	1	Strongly agree
			2	agree
			3	Agree
			4	Not sure
			5	Disagree
				Strongly disagree
25	AB37G	HAPPIER TO ACCEPT CONDITIONS	1	Strongly agree
			2	agree
			3	Agree
			4	Not sure
			5	Disagree
				Strongly disagree
26	AB37H	GENERALLY SATISFIED W/ SELF	1	Strongly agree
			2	agree
			3	Agree
			4	Not sure
			5	Disagree
				Strongly disagree
27	AB37I	WISH I RESPECTED MYSELF MORE	1	Strongly agree
			2	agree
			3	Agree
			4	Not sure
			5	Disagree
				Strongly disagree
28	AB37J	LET TOMORROW TAKE CARE OF ITSELF	1	Strongly agree
			2	agree
			3	Agree
			4	Not sure
			5	Disagree
				Strongly disagree
29	AB37K	FEEL I AM A FAILURE	1	Strongly

			2	agree
			3	Agree
			4	Not sure
			5	Disagree
				Strongly disagree
30	AB37L	LIKE TO FIGURE THINGS OUT FOR MYSELF	1	Strongly agree
			2	agree
			3	Agree
			4	Not sure
			5	Disagree
				Strongly disagree
31	AB37M	LIKE WORKING ON TOUGH PROBLEMS	1	Strongly agree
			2	agree
			3	Agree
			4	Not sure
			5	Disagree
				Strongly disagree
32	AB37N	DON'T DO MORE THAN HAVE TO	1	Strongly agree
			2	agree
			3	Agree
			4	Not sure
			5	Disagree
				Strongly disagree
33	AB37O	LIKE TO KEEP STRUGGLING W/ PROBLEMS	1	Strongly agree
			2	agree
			3	Agree
			4	Not sure
			5	Disagree
				Strongly disagree
34	AB37P	LIKE TO SOLVE PUZZLES & RIDDLES	1	Strongly agree
			2	agree
			3	Agree
			4	Not sure
			5	Disagree
				Strongly disagree

35	AB37Q	LIKE TO PLAY LOGIC/STRATEGY GAMES	1	Strongly
			2	agree
			3	Agree
			4	Not sure
			5	Disagree
				Strongly
				disagree
36	AB37R	MOST DAYS PREFER SCH TO HOME	1	Strongly
			2	agree
			3	Agree
			4	Not sure
			5	Disagree
				Strongly
				disagree
37	AB36A	SCI & TECH CAUSE GOOD	1	Strongly
			2	agree
			3	Agree
			4	Not sure
			5	Disagree
				Strongly
				disagree
38	AB36B	THEORY IS BEST UNDERSTANDING	1	Strongly
			2	agree
			3	Agree
			4	Not sure
			5	Disagree
				Strongly
				disagree
39	AB36C	SCI THEORIES CHANGE	1	Strongly
			2	agree
			3	Agree
			4	Not sure
			5	Disagree
				Strongly
				disagree
40	AB36D	HUMANS NOT TO KNOW SOME THINGS	1	Strongly
			2	agree
			3	Agree
			4	Not sure
			5	Disagree

				Strongly disagree
41	AB36E	MEASURES BETTER THAN THEORIES	1	Strongly agree
			2	agree
			3	Agree
			4	Not sure
			5	Disagree
				Strongly disagree
42	AB36F	SOME NUMBERS ARE LUCKY	1	Strongly agree
			2	agree
			3	Agree
			4	Not sure
			5	Disagree
				Strongly disagree
43	AB36G	SOME QUESTIONS UNANSWERABLE	1	Strongly agree
			2	agree
			3	Agree
			4	Not sure
			5	Disagree
				Strongly disagree
44	AB38A	ASK FOR HELP W/ SCH PROBLEMS	1	Strongly agree
			2	agree
			3	Agree
			4	Not sure
			5	Disagree
				Strongly disagree
45	AB38B	GIVE UP WHEN DON'T UNDERSTAND	1	Strongly agree
			2	agree
			3	Agree
			4	Not sure
			5	Disagree
				Strongly disagree
46	AB38C	GOOF OFF IN SCHOOL	1	Strongly agree
			2	agree
			3	Agree



			4	Not sure
			5	Disagree
				Strongly disagree
47	AB38D	PUT OFF STUDYING	1	Strongly
			2	agree
			3	Agree
			4	Not sure
			5	Disagree
				Strongly disagree
48	AB38E	DISCUSS SERIOUS THINGS W/ FRIENDS	1	Strongly
			2	agree
			3	Agree
			4	Not sure
			5	Disagree
				Strongly disagree
49	AB38F	DO MY BEST IN SCHOOL	1	Strongly
			2	agree
			3	Agree
			4	Not sure
			5	Disagree
				Strongly disagree
50	AB38G	LEAVE WORK TIL LAST MINUTE	1	Strongly
			2	agree
			3	Agree
			4	Not sure
			5	Disagree
				Strongly disagree
51	AB38H	TRY HARDER IF GET BAD GRADES	1	Strongly
			2	agree
			3	Agree
			4	Not sure
			5	Disagree
				Strongly disagree
52	AMTHIMP	SUMMARY MATH SCORE GRADE 7 (IMPUTED	<i>range: 27.4-85.1</i>	

INCLUDED)				
53	CMTHIMP	SUMMARY MATH SCORE GRADE 8 (IMPUTED INCLUDED)	-98 -96 -95 998	Missing Aberrant Cohort not tested Not available
54	EMTHIMP	SUMMARY MATH SCORE GRADE 9 (IMPUTED INCLUDED)	-98 -96 -95 998	Missing Aberrant Cohort not tested Not available
55	GMTHIMP	SUMMARY MATH SCORE GRADE 10 (IMPUTED INCLUDED)	-98 -96 -95 998	Missing Aberrant Did not participate Not available
56	IMTHIMP	SUMMARY MATH SCORE GRADE 11 (IMPUTED INCLUDED)	-98 -96 -95 998	Missing Aberrant Did not participate Not available
57	KMTHIMP	SUMMARY MATH SCORE GRADE 12 (IMPUTED INCLUDED)	-98 -96 -95 998	Missing Aberrant Did not participate Not available
58	ASCIIMP	SUMMARY SCIENCE SCORE GRADE 7 (IMPUTED INCLUDED)	-99 -98 -95 998	Missing Not available Did not participate Not available
59	CSCIIMP	SUMMARY SCIENCE SCORE GRADE 8 (IMPUTED INCLUDED)	-98 -95	Not available

			998	Did not participate Not available
60	ESCIIMP	SUMMARY SCIENCE SCORE GRADE 9 (IMPUTED INCLUDED)	-98 -96 -95 998	Missing Aberrant Cohort not tested Not available
61	GSCIIMP	SUMMARY SCIENCE SCORE GRADE 10 (IMPUTED INCLUDED)	-98 -96 -95 998	Missing Aberrant Did not participate Not available
62	ISCIIMP	SUMMARY SCIENCE SCORE GRADE 11 (IMPUTED INCLUDED)	-98 -96 -95 998	Missing Aberrant Did not participate Not available
63	KSCIIMP	SUMMARY SCIENCE SCORE GRADE 12 (IMPUTED INCLUDED)	-98 -96 -95 998	Missing Aberrant Did not participate Not available