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# Assessing Core Competencies: Results of Quantitative Literacy & Reasoning Assessments

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Graduating Seniors  
2018 Fanuchånan

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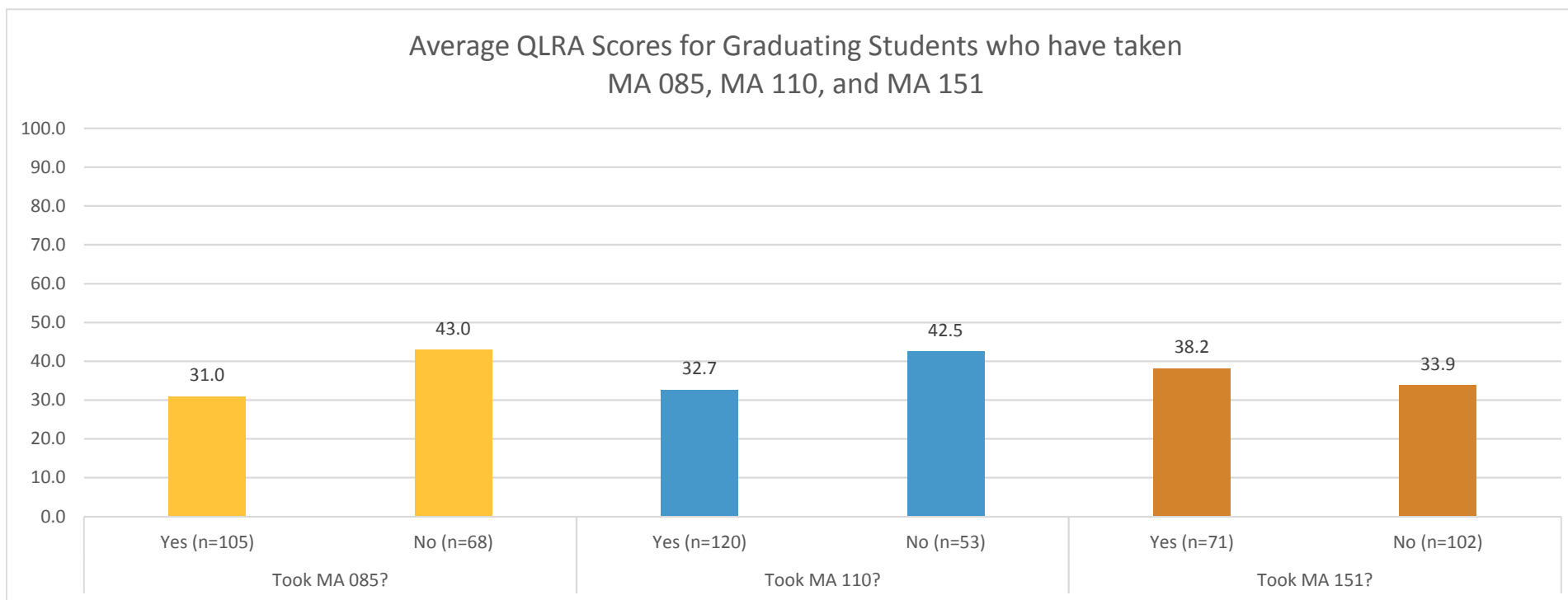
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2018 Fanuchanan Quantitative Literacy and Reasoning Assessment Average Scores by Course for Graduating Seniors

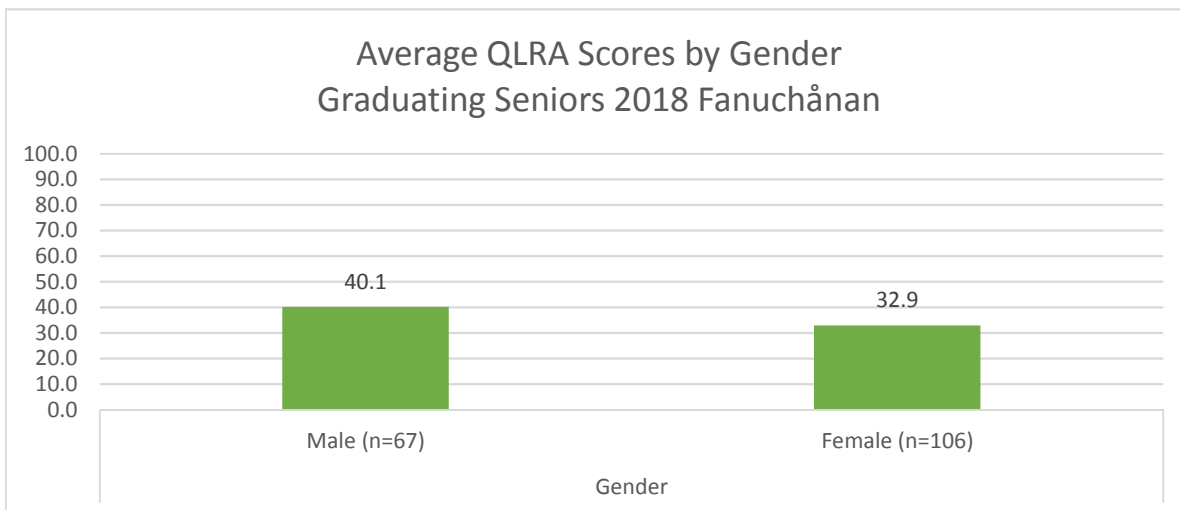
	Total	Took MA 085?		Took MA 110?		Took MA 151?	
		Yes	No	Yes	No	Yes	No
Count	173	105	68	120	53	71	102
Percent	100%	61%	39%	69%	31%	41%	59%
Avg Grade	35.7	31.0	43.0	32.7	42.5	38.2	33.9
Std Dev	17.2	13.5	19.6	14.6	20.4	18.5	16.0





2018 Fanuchånan Quantitative Literacy and Reasoning Assessment Average Scores by Gender for Graduating Seniors

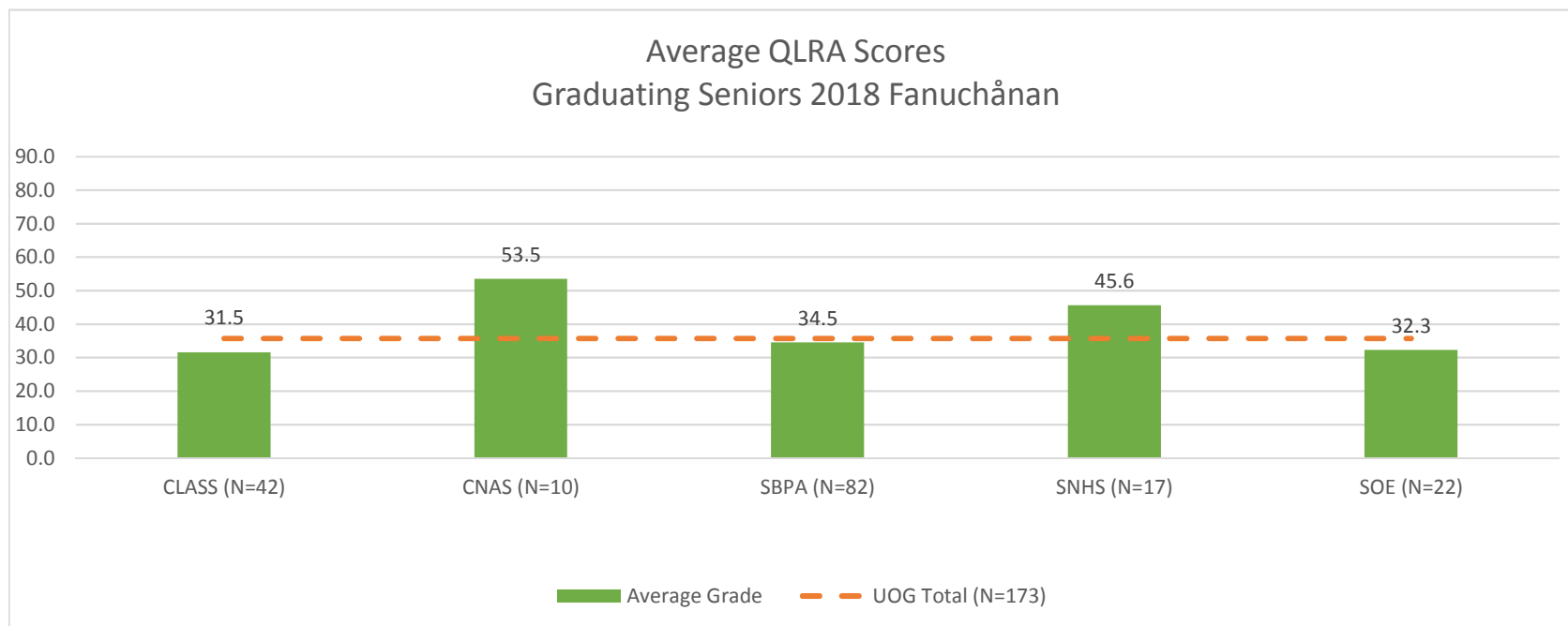
	Total	Gender	
		Male	Female
Count	173	67	106
Percent	100%	39%	61%
Avg Grade	35.7	40.1	32.9
Std Dev	17.2	20.3	14.3





2018 Fanuchånan Quantitative Literacy and Reasoning Assessment Average Scores by College

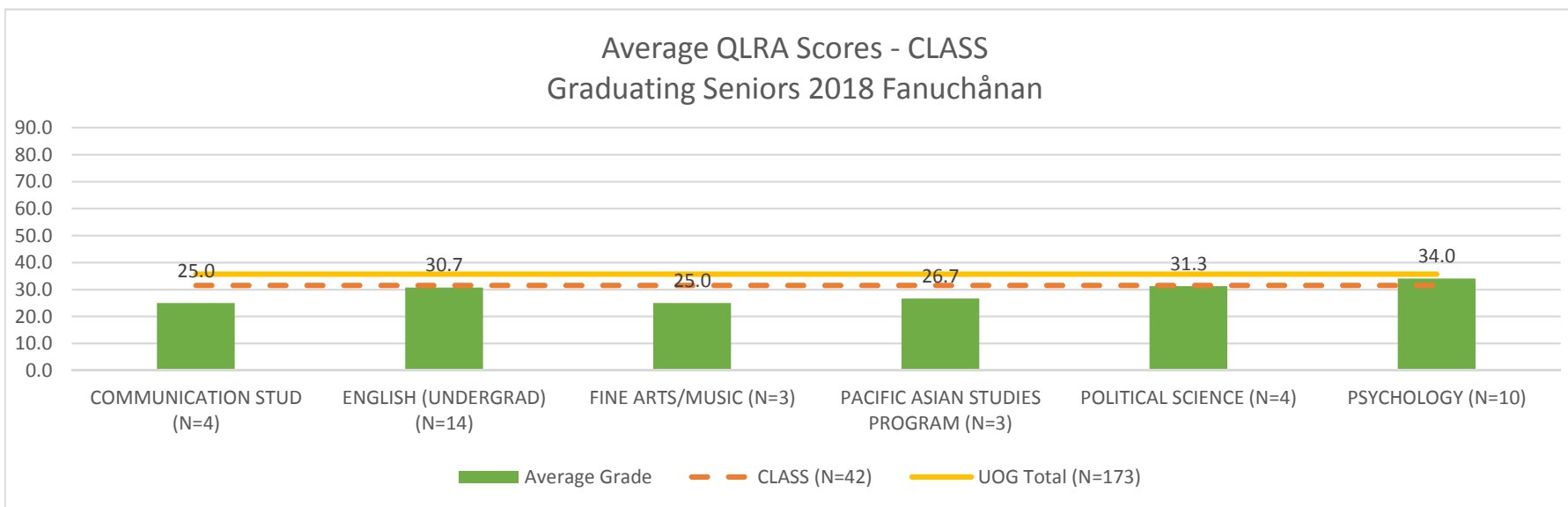
MAJOR by College	AVERAGE GRADE	STDEV
CLASS (N=42)	31.5	14.8
CNAS (N=10)	53.5	23.1
SBPA (N=82)	34.5	16.3
SNHS (N=17)	45.6	20.8
SOE (N=22)	32.3	10.5
UOG Total (N=173)	35.7	17.2





2018 Fanuchånan Quantitative Literacy and Reasoning Assessment Average Scores by Major - CLASS

MAJOR	AVERAGE GRADE	STDEV
COMMUNICATION STUD (N=4)	25.0	15.8
ENGLISH (N=14)	30.7	17.2
FINE ARTS/ART (N=2)	*	
FINE ARTS/MUSIC (N=3)	25.0	13.2
HISTORY (N=1)	*	
PACIFIC ASIAN STUDIES PROGRAM (N=3)	26.7	7.6
POLITICAL SCIENCE (N=4)	31.3	22.9
PSYCHOLOGY (N=10)	34.0	11.0
SOCIOLOGY (N=1)	*	
CLASS (N=42)	31.5	14.8
UOG Total (N=173)	35.7	17.2



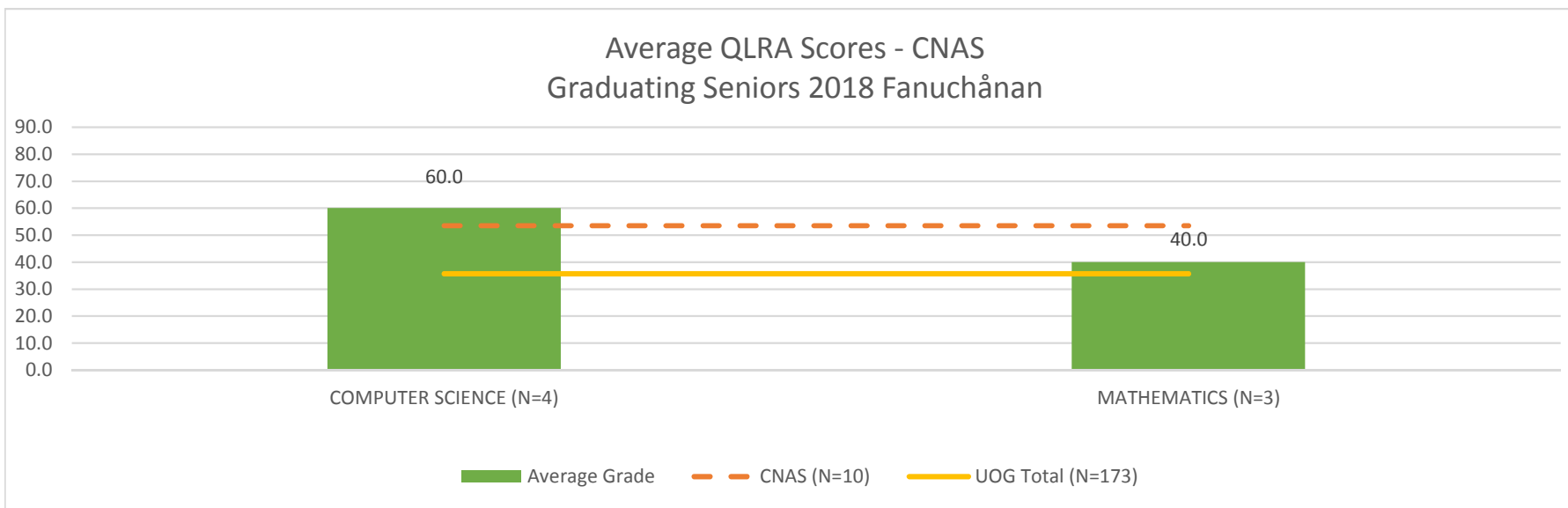
\*Not enough data to report

Source: Quantitative Literacy and Reasoning Assessment Results; Moodle



2018 Fanuchånan Quantitative Literacy and Reasoning Assessment Average Scores by Major - CNAS

MAJOR	AVERAGE GRADE	STDEV
BIOLOGY (N=1)	*	
CHEMISTRY (N=1)	*	
COMPUTER SCIENCE (N=4)	60.0	23.8
CONSUMER & FAM SCI (N=1)	*	
MATHEMATICS (N=3)	40.0	15.0
CNAS (N=10)	53.5	23.1
UOG Total (N=173)	35.7	17.2



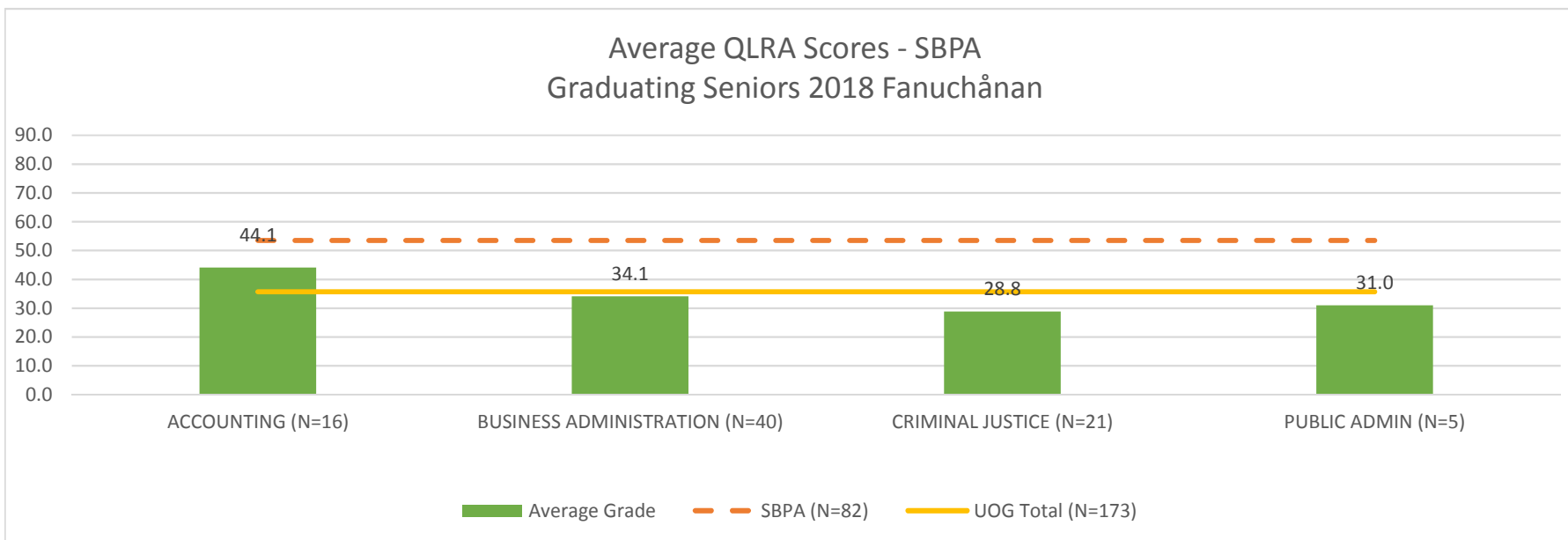
\*Not enough data to report

Source: Quantitative Literacy and Reasoning Assessment Results; Moodle



2018 Fanuchånan Quantitative Literacy and Reasoning Assessment Average Scores by Major - SBPA

MAJOR	AVERAGE GRADE	STDEV
ACCOUNTING (N=16)	44.1	19.9
BUSINESS ADMINISTRATION (N=40)	34.1	17.1
CRIMINAL JUSTICE (N=21)	28.8	8.8
PUBLIC ADMIN (N=5)	31.0	10.8
SBPA (N=82)	34.5	16.3
UOG Total (N=173)	35.7	17.2



\*Not enough data to report

Source: Quantitative Literacy and Reasoning Assessment Results; Moodle



### 2018 Fanuchånan Quantitative Literacy and Reasoning Assessment Average Scores by Major - SNHS

MAJOR	AVERAGE GRADE	STDEV
HEALTH SCIENCE (N=15)	44.67	19.50
NURSING (N=1)	*	
SOCIAL WORK (N=1)	*	
SNHS (N=17)	45.6	20.8
UOG Total (N=173)	35.7	17.2

### 2018 Fanuchånan Quantitative Literacy and Reasoning Assessment Average Scores by Major - SOE

MAJOR	AVERAGE GRADE	STDEV
ELEMENTARY EDUCATION (N=17)	30.9	9.1
PHYSICAL EDUC/ SCHOOL HEALTH (N=1)	*	
SECONDARY EDUCATION (N=1)	*	
SEED CONSUMER & FAM SCI (N=1)	*	
SPECIAL EDUCATION (N=2)	45.0	14.1
SOE (N=22)	32.3	10.5
UOG Total (N=173)	35.7	17.2

\*Not enough data to report

Source: Quantitative Literacy and Reasoning Assessment Results; Moodle

18FA\_QLRA\_Final Results





Quantitative Literacy and Reasoning Assessment: Math Attitudes - Indirect Assessment

Question	Response	Count	Percent
Numerical information is very useful in everyday life	Strongly Agree	99	57%
Numbers are not necessary for most situations	Strongly Disagree	38	22%
Quantitative information is vital for accurate decisions	Strongly Agree	85	49%
Understanding numbers is as important in daily life as reading and writing	Strongly Agree	111	64%
It is a waste of time to learn information containing a lot of numbers	Strongly Disagree	95	55%

