UNIVERSITY OF HELSINKI FACULTY OF SCIENCE CAREER MONITORING REPORT – MASTER'S GRADUATES OF 2003–2014

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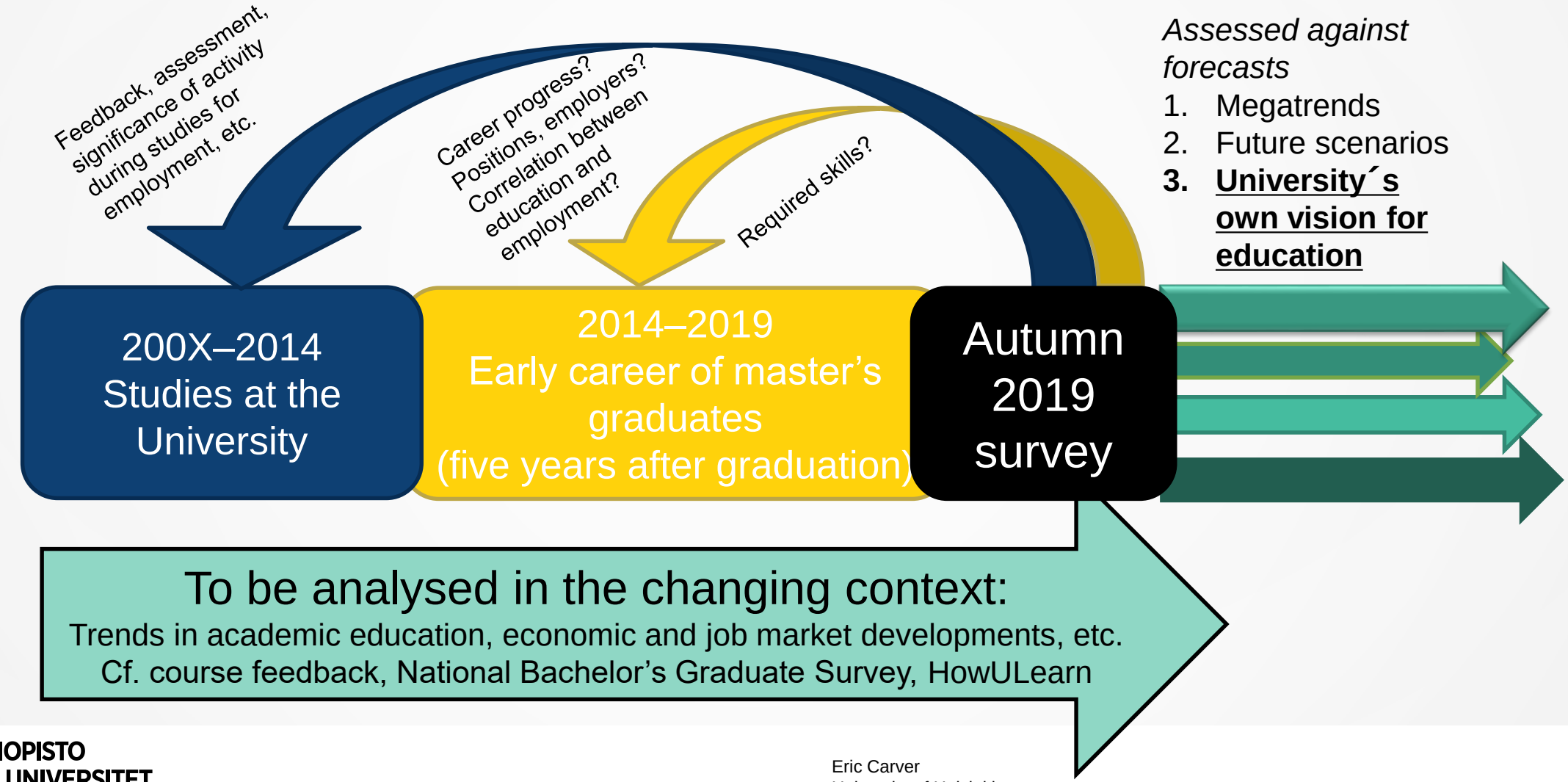
ACCESSIBILITY OF THE REPORT

- The graphs in the report are not accessible. However, the data behind all graphs are appended to the final section of the report.

CAREER MONITORING AT FINNISH UNIVERSITIES

- Nationwide career monitoring surveys:
  - Surveys of master's graduates five years after graduation
  - Surveys of doctoral graduates two or three years after graduation (three years in the most recent surveys)
- The career monitoring group of the Aarresaari network of university career services is responsible for the surveys, while universities are responsible for utilising their data.
- The data on the töissä.fi website are based on career monitoring: https://toissa.fi/home-en-us/.
- Further information on career monitoring: https://www.aarresaari.net/career_monitoring
- The latest career monitoring data on master's graduates: 2014 graduates (responses October–November 2019)
- The latest career monitoring data on doctoral graduates: 2016 graduates (responses October–November 2019)

USE OF CAREER MONITORING IN THE DEVELOPMENT OF EDUCATION (E.G., MASTER'S GRADUATE CAREER TRACKING)



DATA COLLECTION IN CAREER MONITORING SURVEYS

- Career monitoring surveys are sent to all graduates in the relevant target group.
- The target group for master's graduate career monitoring includes all master's graduates as well as all those with a Bachelor of Science (Pharmacy) degree or a Bachelor of Arts (Education) degree in kindergarten teacher education.
- Doctoral graduate career monitoring surveys are sent to all graduates in the relevant target group.
- Information on the target group is obtained from the national VIRTA database (which combines data from the student records of Finnish universities).
- The background variables of respondents are supplemented with information from the student records (major subject, degree programme, department, faculty).
- Address details are retrieved from the Population Register.
- The 2019 surveys were sent to respondents by text message (to those whose phone number was known) or by mail (all others). Additionally, the universities distributed the survey by email to those in the target group whose details were found in alumni registers.
- The data were collected in a nationwide and central manner by Research Stats Service TUPA of the University of Tampere and CSC – the IT Centre for Science, in collaboration with the career monitoring group of the Aarresaari network.
- Responses are always processed confidentially and so that individual respondents cannot be identified.

CAREER MONITORING AT THE UNIVERSITY OF HELSINKI

- The University of Helsinki uses the data obtained from career monitoring surveys, for example, to develop education, guide and counsel students, provide career guidance and conduct research.
- Since 2016, career monitoring surveys have been conducted at the University through cooperation between several units. Career Services was previously responsible for coordinating the surveys, but this responsibility shifted to Strategic Services for Teaching at the beginning of 2019.
- Composition of the University's project group for career monitoring in the 2019–2020 academic year:
  - Eric Carver, Strategic Services for Teaching
  - Tuukka Kangas, Institutional Research and Analysis
  - Miika Mertanen, Career Services
  - Erkki Raulo, Research Services
  - Kati Salmivaara, Communications
  - Riikka Sarasjärvi, Research Services
  - Tarja Tuononen, Centre for University Teaching and Learning
  - Minnis Vierikko, Alumni Relations

CONTENT OF THE CAREER MONITORING REPORT

- The report focuses on the latest career monitoring survey, conducted in autumn 2019.
- The target group of the nationwide survey consisted of the master's graduates of 2014 as well as those who completed a Bachelor of Science (Pharmacy) degree or a Bachelor of Arts (Education) degree in kindergarten teacher education in 2014.
- The report also uses the results of previous career monitoring surveys (graduates of 2003–2013) to enable a temporal comparison.
- The results of the University of Helsinki are reported in accordance with the faculty structures that have been in place since early 2017. In practice, this means that psychology and logopedics graduates are included in the results for the Faculty of Medicine, and phonetics and cognition science graduates are included in the results for the Faculty of Arts.
- In comparing faculties, it should also be borne in mind that those who completed a Bachelor of Science (Pharmacy) degree or a Bachelor of Arts (Education) degree in kindergarten teacher education are included in their respective faculties' results.
- The University-level report compares faculties, while faculty reports compare groups of disciplines within each faculty.
- There were significant differences in the response rates between those who graduated in 2014 from different faculties.

NOTES ON THE GRAPHS USED IN THE REPORT

- The graduates' employer sector and the primary nature of employment are reported using a model in which only the major response options 4–6 are displayed. All other responses are categorised under 'Other'. This solution makes it easier to interpret the graphs and identify the key response options.
- The University-level report on the career monitoring of master's graduates mainly uses the results of the latest survey. The faculty reports add up the responses from 2012, 2013 and 2014. This enables more detailed reporting of results in fields with fewer graduates and survey respondents each year.
- In the career-tracking report for doctoral graduates, the graphs for the University and doctoral school levels focus on the responses of the graduates of 2016. The reporting of faculty-level results mainly incorporates the responses of the graduates of 2015–2016.
- In the case of questions with six or seven response options, the responses are reported by classifying them so that options 4-6 (fully agree, agree, slightly agree) are added up. This same principle has also been used for the breakdown of responses to compare faculties and disciplines.

CATEGORIZATION OF RESPONSES

First level categories	Second level categories	Educational codes	Old majors
Physical sciences	Physical sciences	742301, 742302, 742303, 742304	Physics, Geophysics, Meteorology, Space sciences, Astronomy, Theoretical Philosophy
Chemistry	Chemistry	742401	Chemistry
Geography and geology	Geology	742501	Geology, Geology and Mineralogy, Geology and Palaeontology
	Geography	742601	Regional Studies, Geography, Geoinformatics, Planning Geography
Mathematics and statistics	Mathematics	742101	Mathematics, Applied Mathematics, Mathematics, Subject Teacher Line
	Statistics[1]	742102	Statistics
Computer science	Computer science	742201	Bioinformatics, Computer science

Second level categories are only used when responses from several surveys are summed together,
[1] Also includes Statistics graduates from Faculty of Social Sciences

UNIVERSITY OF HELSINKI CAREER MONITORING REPORT – MASTER'S GRADUATES OF 2003–2014

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LEGEND

Symbol	Meaning
	Increase, statistically significant
	Increase, statistically insignificant
	No change
	Decrease, statistically insignificant
	Decrease, statistically significant

RESPONSE RATES 1/2

Year of graduation (survey conducted)	Biological and Environmental Sciences	Veterinary Medicine	Pharmacy	Medicine	Science	Agriculture and Forestry	University total
2003 (2008)	83 (71 %)	33 (56 %)	131 (53 %)	116 (63 %)	117 (53 %)	149 (58 %)	1478 (56 %)
2005 (2010)	72 (52 %)	30 (63 %)	104 (55 %)	96 (54 %)	83 (43 %)	153 (53 %)	1305 (51 %)
2007 (2012)	69 (48 %)	26 (63 %)	100 (47 %)	110 (49 %)	107 (51 %)	170 (53 %)	1425 (50 %)
2009 (2014)	29 (54 %)	32 (53 %)	70 (40 %)	75 (38 %)	40 (44 %)	72 (42 %)	794 (45 %)
2011 (2016)	39 (36 %)	21 (55 %)	47 (26 %)	63 (30 %)	75 (39 %)	120 (44 %)	917 (38 %)
2012 (2017/18)	65 (52 %)	21 (47 %)	71 (32 %)	68 (32 %)	86 (38 %)	131 (42 %)	1109 (40 %)
2013 (2018)	72 (58 %)	28 (42 %)	70 (34 %)	91 (38 %)	116 (43 %)	132 (42 %)	1242 (42 %)
2014 (2019)	**59 (44 %)**	**26 (44 %)**	**63 (34 %)**	**70 (32 %)**	**106 (43 %)**	**121 (45 %)**	**1202 (42 %)**
Total	489	217	656	689	730	1048	9473

RESPONSE RATES 2/2

Year of graduation (survey conducted)	Arts	Educational Sciences	Law	Theology	Social Sciences	University total
2003 (2008)	261 (49 %)	243 (63 %)	110 (50 %)	62 (56 %)	173 (52 %)	1478 (56 %)
2005 (2010)	217 (48 %)	187 (51 %)	90 (45 %)	85 (52 %)	188 (53 %)	1305 (51 %)
2007 (2012)	244 (48 %)	216 (52 %)	111 (42 %)	85 (50 %)	187 (54 %)	1425 (50 %)
2009 (2014)	149 (47 %)	115 (48 %)	76 (42 %)	43 (43 %)	93 (48 %)	794 (45 %)
2011 (2016)	162 (40 %)	119 (39 %)	82 (34 %)	52 (42 %)	137 (41 %)	917 (38 %)
2012 (2017/18)	214 (43 %)	176 (46 %)	68 (29 %)	65 (42 %)	144 (40 %)	1109 (40 %)
2013 (2018)	239 (42 %)	169 (45 %)	89 (34 %)	70 (42 %)	166 (47 %)	1242 (42 %)
2014 (2019)	**248 (47 %)**	**169 (41 %)**	**77 (28 %)**	**80 (45 %)**	**183 (46 %)**	**1202 (42 %)**
Total	1734	1393	704	542	1271	9473

RESPONSE RATES

Year of graduation (survey conducted)	Faculty of Science	Physical sciences	Chemistry	Geography and geology	Mathematics and statistics	Computer science	University of Helsinki
2003 (2008)	149 (58 %)	28 (55 %)	26 (52 %)	31 (67 %)	28 (58 %)	36 (60 %)	1478 (56 %)
2005 (2010)	153 (53 %)	18 (35 %)	32 (63 %)	26 (53 %)	32 (58 %)	45 (55 %)	1305 (51 %)
2007 (2012)	170 (53 %)	27 (46 %)	27 (44 %)	29 (66 %)	36 (58 %)	51 (53 %)	1425 (50 %)
2009 (2014)	72 (42 %)	18 (40 %)	5 (28 %)	15 (54 %)	22 (49 %)	12 (34 %)	794 (45 %)
2011 (2016)	120 (44 %)	18 (42 %)	9 (21 %)	30 (52 %)	29 (54 %)	34 (46 %)	917 (38 %)
2012 (2017/18)	131 (42%)	22 (39 %)	20 (45 %)	38 (56 %)	30 (42 %)	21 (29 %)	1109 (40%)
2013 (2018)	132 (42 %)	21 (42 %)	16 (31 %)	35 (56 %)	34 (44 %)	26 (36 %)	1242 (42 %)
2014 (2011)	**121 (45 %)**	**23 (44 %)**	**16 (41 %)**	**28 (51 %)**	**36 (55 %)**	**18 (33 %)**	**1202 (42 %)**
Total	1048	175	151	232	247	243	9473

RESPONDENTS

- 51 % of the respondents were women (46 % of graduates)
- 95 % of the respondents were Finnish citizens (88 % of graduates)
- The average age of the respondents upon graduation was 29 (that of graduates was also 29)

JOB MARKET SITUATION OF 2014 GRADUATES FIVE YEARS AFTER GRADUATION

- 93 % employed, 3 % unemployed and 4 % outside the workforce
- Share of employed in the workforce 97 %
- Most common employer sectors[1]
  - Companies 40 %
  - Municipality/joint municipal authority 29 %
  - University 15 %
  - State 12 %
- Most common primary nature of work[1]
  - Teaching or education 26 %
  - Research 23 %
  - Administration, planning and development 20 %
- Median monthly salary: €3,500

[1] Response options with at least 10 % of respondents

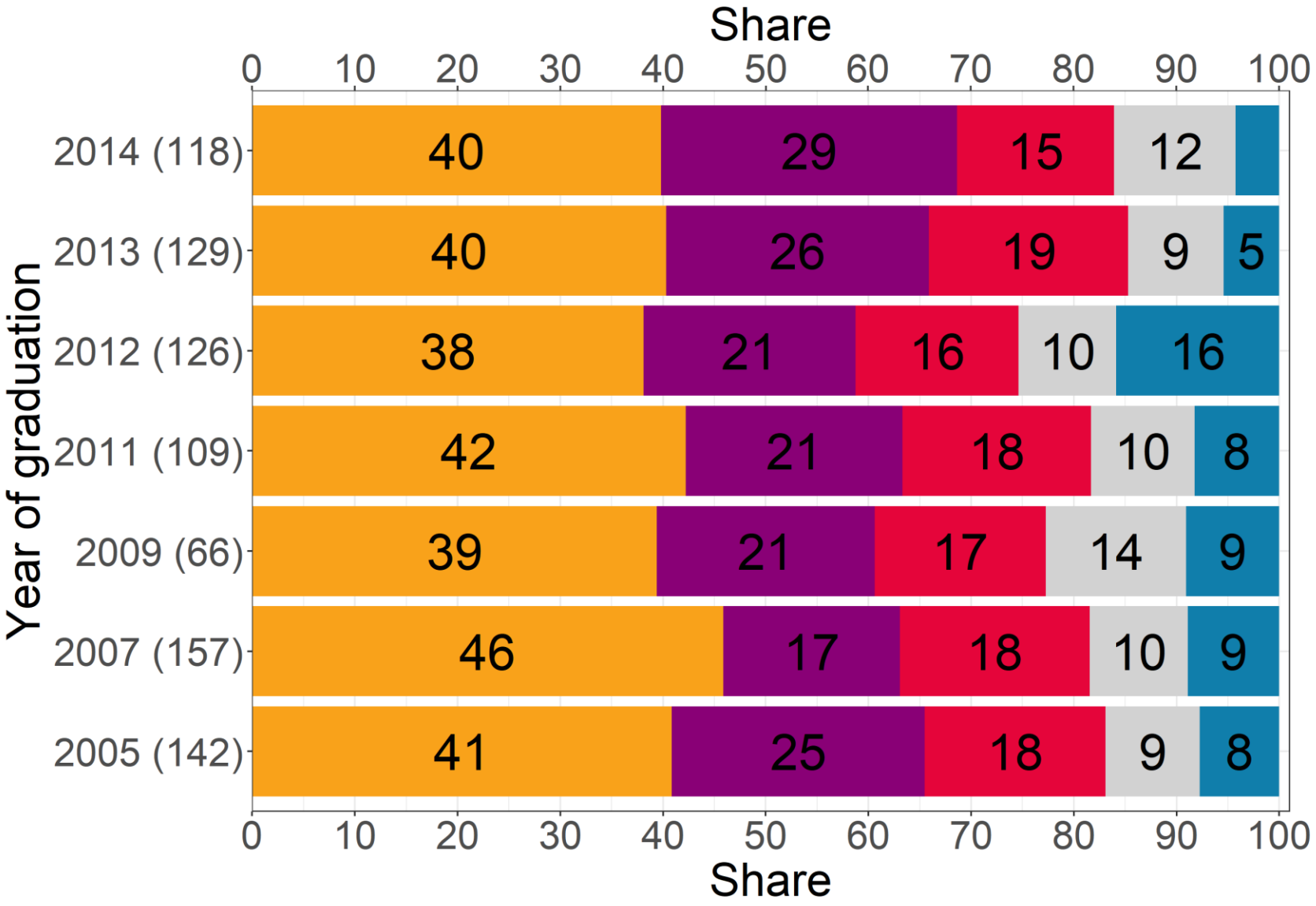
JOB MARKET SITUATION OF 2014 GRADUATES AT THE TIME OF THE SURVEY

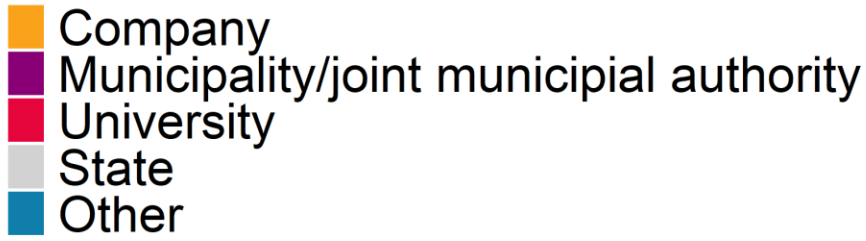
Share [%]	Faculty (N = 120)	UH (N = 1194)	All universities (N = 6117)	Other universities (N = 4923)	All universities, natural sciences (N = 622)
Permanent full-time job	63 %	58 %	64 %	66 %	57 %
Fixed-term full-time job	15 %	21 %	16 %	14 %	20 %
Part-time job	4 %	3 %	3 %	3 %	3 %
Self-employed/entrepreneur/freelancer	8 %	4 %	3 %	3 %	2 %
Several parallel employment contracts	0 %	1 %	1 %	1 %	1 %
Grant-funded work	1 %	1 %	1 %	1 %	3 %
Family leave (with employment contract)	2 %	4 %	4 %	4 %	3 %
Subsidised employment/practical training	0 %	0,1 %	0,05 %	0,04 %	0 %
Total employed	**92 %**	**92 %**	**93 %**	**93 %**	**90 %**
Unemployed jobseeker	5 %	2 %	2 %	2 %	3 %
Labour market training or equivalent	0 %	0,3 %	0,1 %	0,06 %	0 %
Total unemployed	**5 %**	**2 %**	**2 %**	**2 %**	**3 %**
Full-time study	0 %	2 %	2 %	2 %	5 %
Family leave (without employment contract)	0 %	2 %	1 %	1 %	1 %
Outside the workforce	0 %	0 %	0,07 %	0,08 %	0,2 %
Other	3 %	2 %	2 %	1 %	1 %
Total outside the workforce	**3 %**	**6 %**	**5 %**	**5 %**	**7 %**

JOB MARKET SITUATION OF 2014 GRADUATES AT THE TIME OF THE SURVEY

Share [%]	Biol. & Env. Sc. (59)	Vet. Med (26)	Phar. (63)	Arts (247)	Educ. Sc. (167)	Med. (69)	Agr. & For. (105)	Sc. (120)	Law (77)	Theo. (79)	Soc. Sc. (182)	UH (1194)
Permanent full-time job	48 %	58 %	71 %	46 %	67 %	48 %	63 %	71 %	77 %	48 %	52 %	58 %
Fixed-term full-time job	29 %	23 %	10 %	26 %	17 %	30 %	15 %	18 %	9 %	33 %	23 %	21 %
Part-time job	5 %	0 %	8 %	7 %	2 %	6 %	4 %	0 %	1 %	0 %	2 %	3 %
Self-employed/entrepreneur/freelancer	2 %	12 %	2 %	5 %	2 %	3 %	8 %	2 %	4 %	1 %	3 %	4 %
Several parallel employment contracts	0 %	0 %	2 %	2 %	0 %	4 %	0 %	0 %	0 %	5 %	1 %	1 %
Grant-funded work	2 %	0 %	2 %	2 %	0,6 %	0 %	1 %	0,8 %	1 %	0 %	2 %	1 %
Family leave (with employment contract)	3 %	8 %	0 %	2 %	7 %	7 %	2 %	3 %	5 %	0 %	7 %	4 %
Subsidised employment/practical training	0 %	0 %	0 %	0,4 %	0 %	0 %	0 %	0 %	0 %	0 %	0 %	0,1 %
Total employed	**88 %**	**100 %**	**94 %**	**90 %**	**95 %**	**99 %**	**92 %**	**93 %**	**97 %**	**87 %**	**90 %**	**92 %**
Unemployed jobseeker	3 %	0 %	0 %	2 %	0 %	0 %	5 %	3 %	1 %	3 %	1 %	2 %
Labour market training or equivalent	0 %	0 %	0 %	0,8 %	0 %	0 %	0 %	0 %	0 %	0 %	0,5 %	0,3 %
Total unemployed	**3 %**	**0 %**	**0 %**	**3 %**	**0 %**	**0 %**	**5 %**	**3 %**	**1 %**	**3 %**	**2 %**	**2 %**
Full-time study	5 %	0 %	2 %	2 %	2 %	0 %	0 %	2 %	0 %	3 %	3 %	2 %
Family leave (without employment contract)	2 %	0 %	5 %	2 %	1 %	0 %	0 %	0,8 %	1 %	6 %	3 %	2 %
Outside the workforce	0 %	0 %	0 %	0 %	0 %	0 %	0 %	0 %	0 %	0 %	0 %	0 %
Other	2 %	0 %	0 %	3 %	2 %	1 %	3 %	2 %	0 %	1 %	2 %	2 %
Total outside the workforce	**9 %**	**0 %**	**6 %**	**7 %**	**5 %**	**1 %**	**3 %**	**4 %**	**1 %**	**10 %**	**8 %**	**6 %**

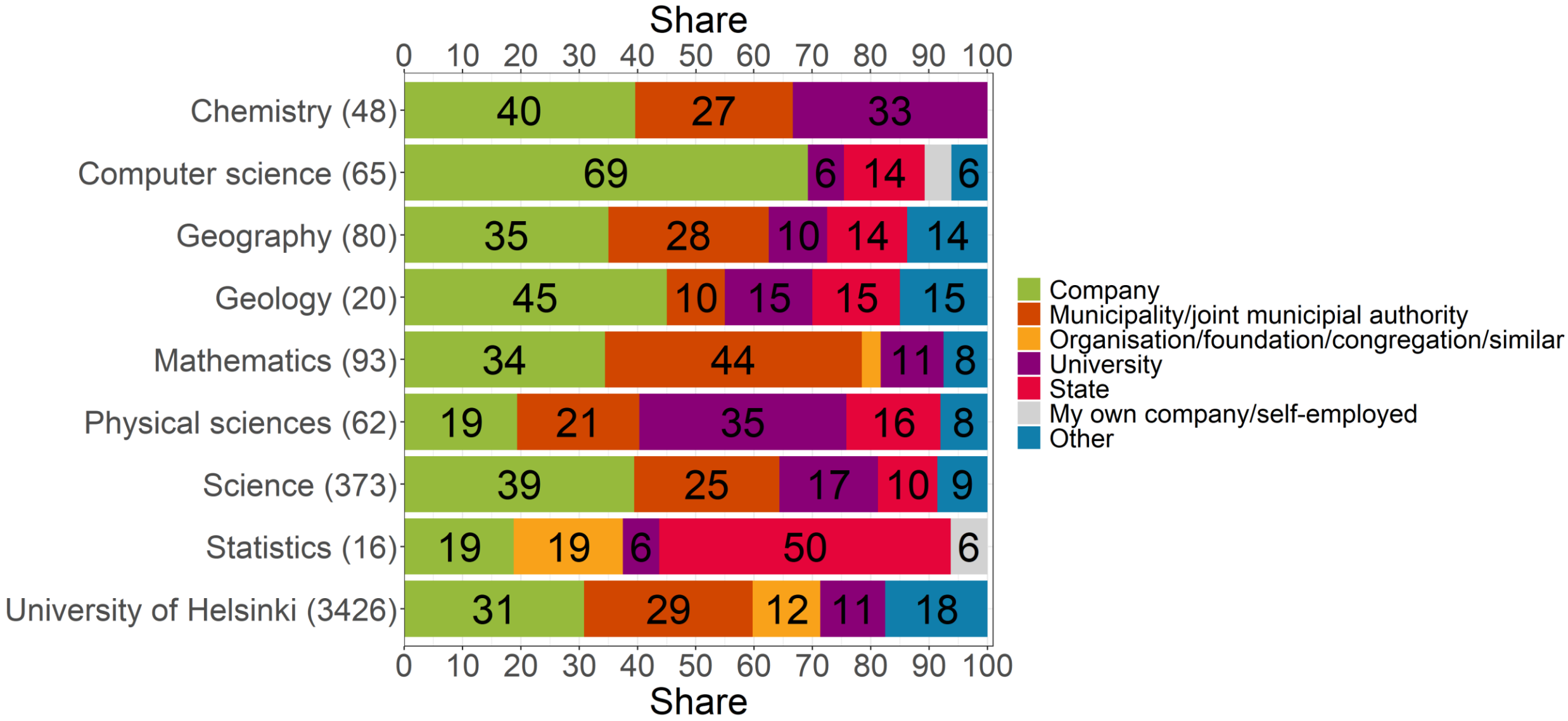
Employer sector five years after graduation





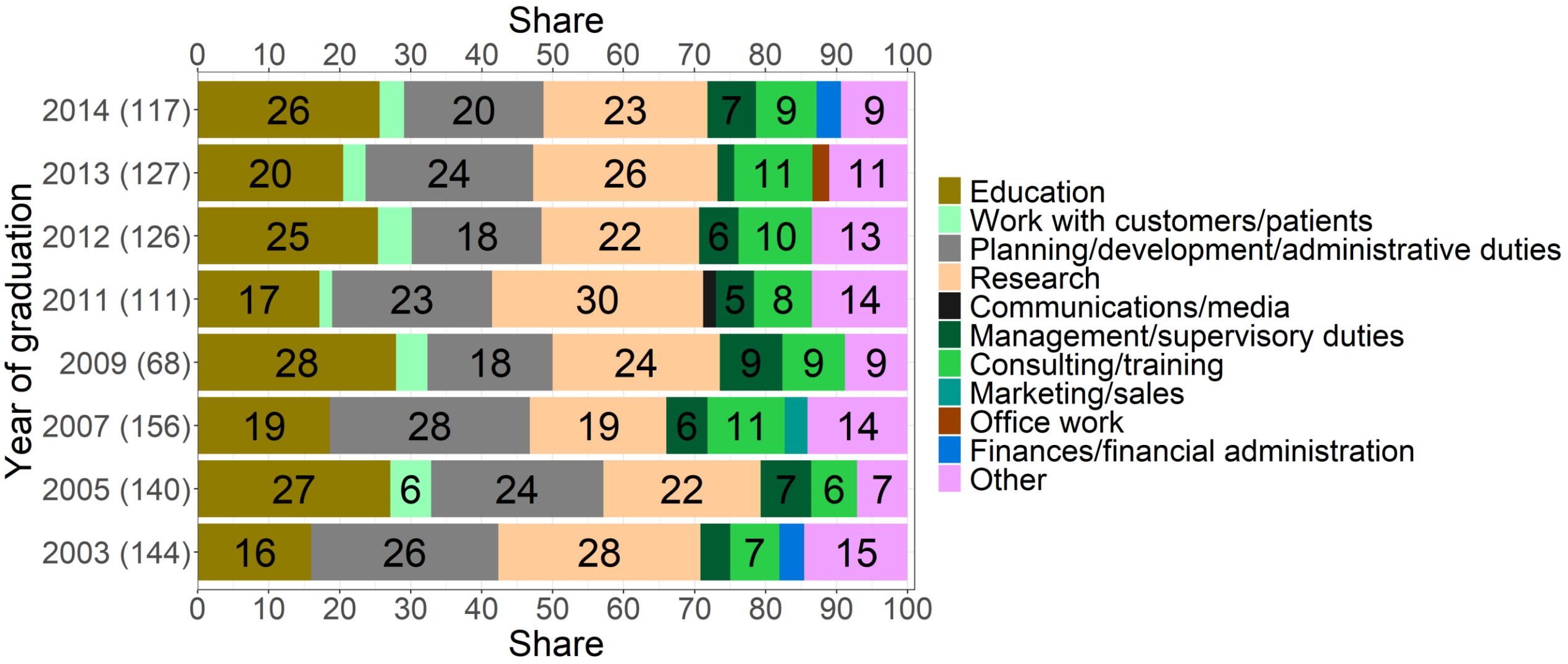
Number of respondents in brackets.
Maximum 5 options is shown.
The rest of the respondents are included in the category 'Other'.

Employer sector five years after graduation



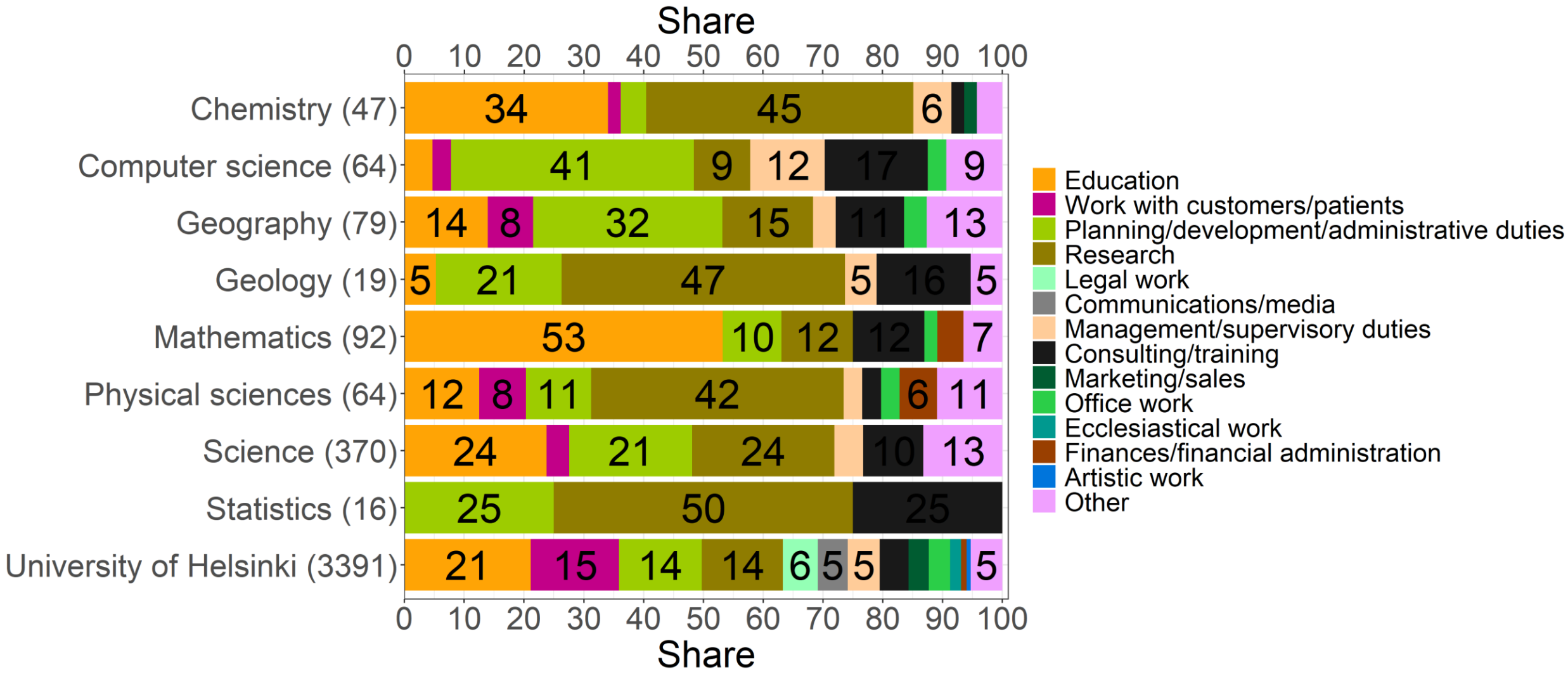
The graph displays information on the graduates of 2012, 2013, 2014
In brackets number of respondents
Maximum 5 options is shown.
The rest of the respondents are included in the category 'Other'.

The nature of the duties five years after graduation



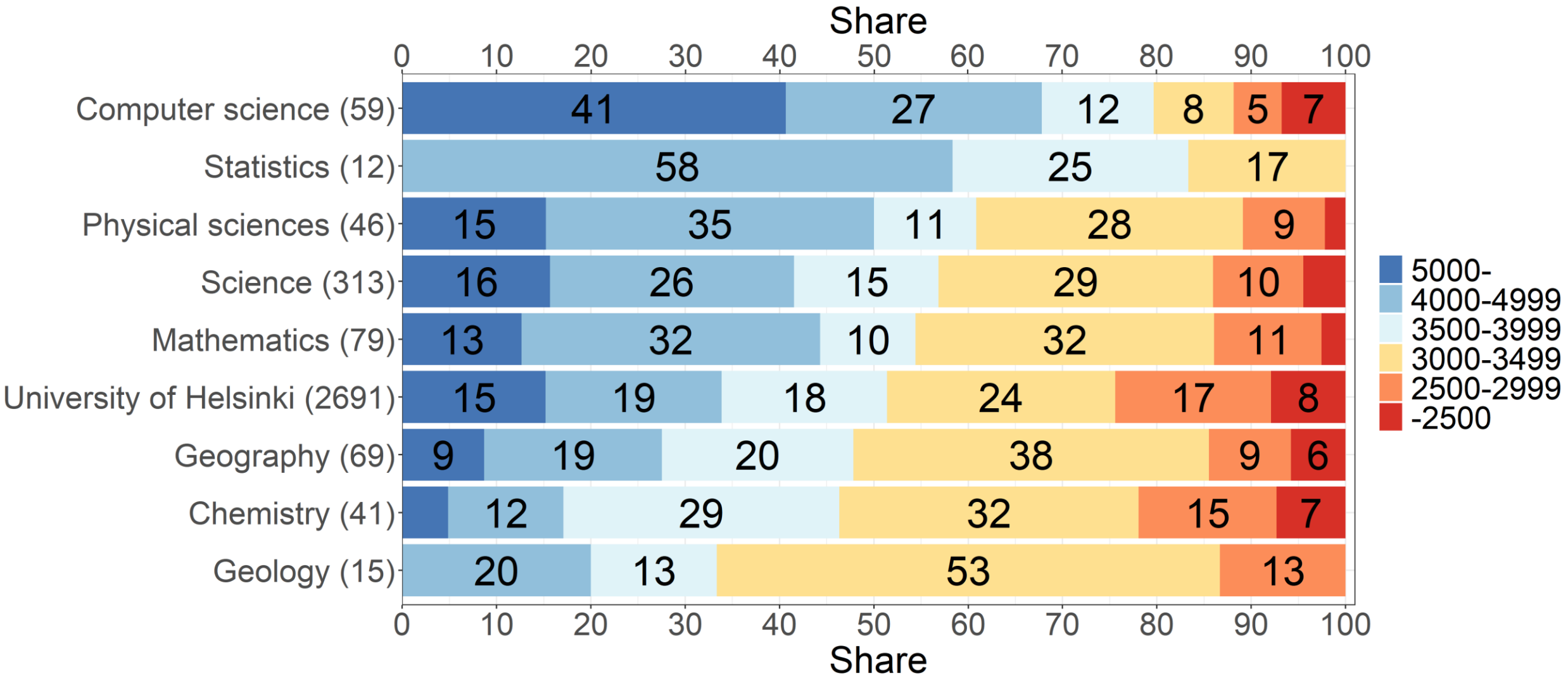
Number of respondents in brackets.
Maximum 7 options is shown.
The rest of the respondents are included in the category 'Other'.

The nature of the duties five years after graduation



The graph displays information on the graduates of 2012, 2013, 2014
In brackets number of respondents
Maximum 7 options is shown.
The rest of the respondents are included in the category 'Other'.

Salary classification organised according to the median



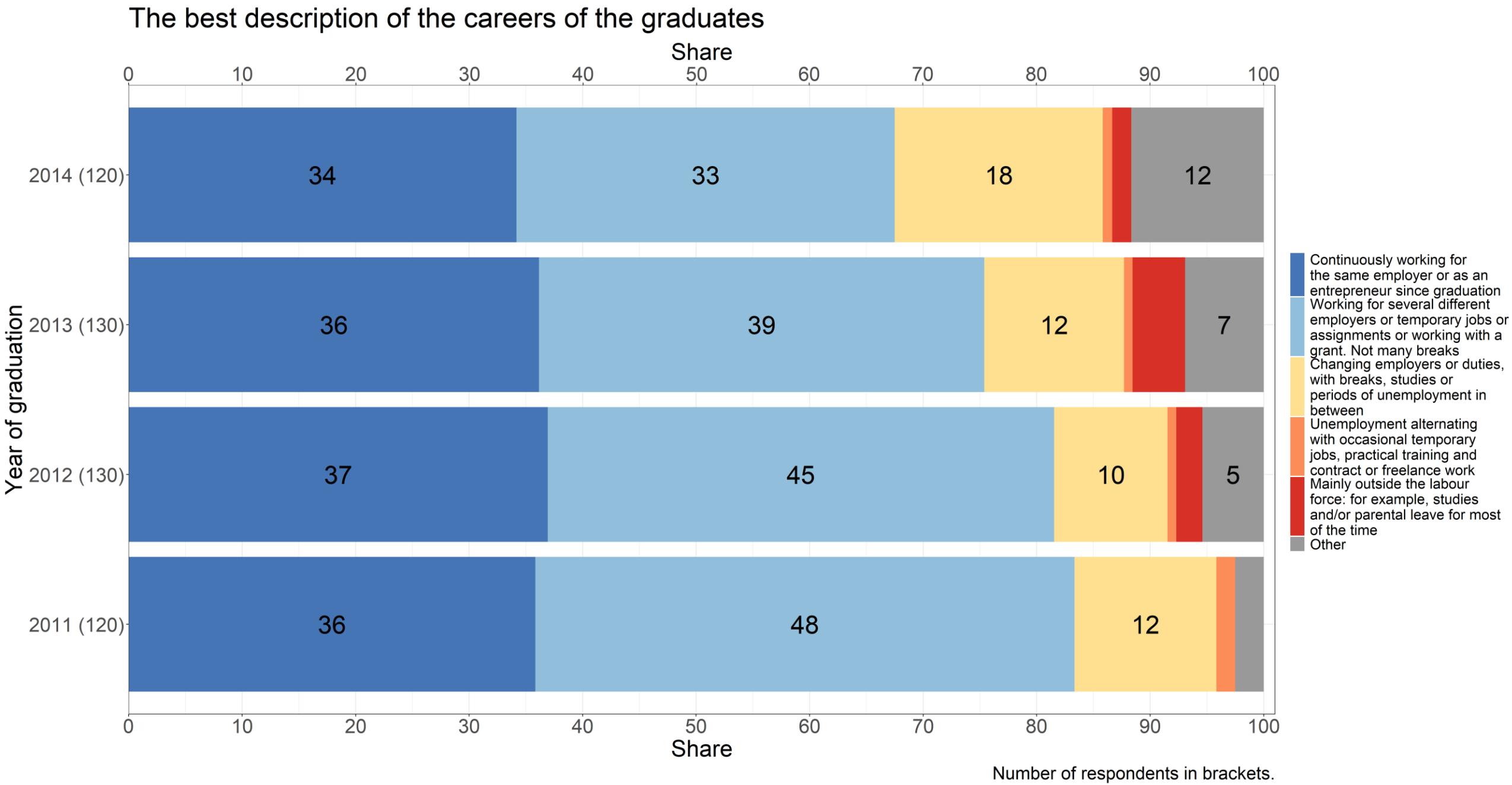
The graph displays information on the graduates of 2012, 2013, 2014
In brackets number of respondents
The figures include those in full-time employment as well as entrepreneurs/self-employed/freelancers.

KEY FIGURES CONCERNING 2014 GRADUATES WHO HAVE BEEN EMPLOYED FOR FIVE YEARS

- Options best describing employment after graduation:
  - Consecutive employment with the same employer or as an entrepreneur since graduation: 34 %
  - Several employers, fixed-term contracts or commissions or grant-funded work, few gaps: 33 %
  - Various employers and duties, interspersed with gaps, studying or periods of unemployment: 18 %

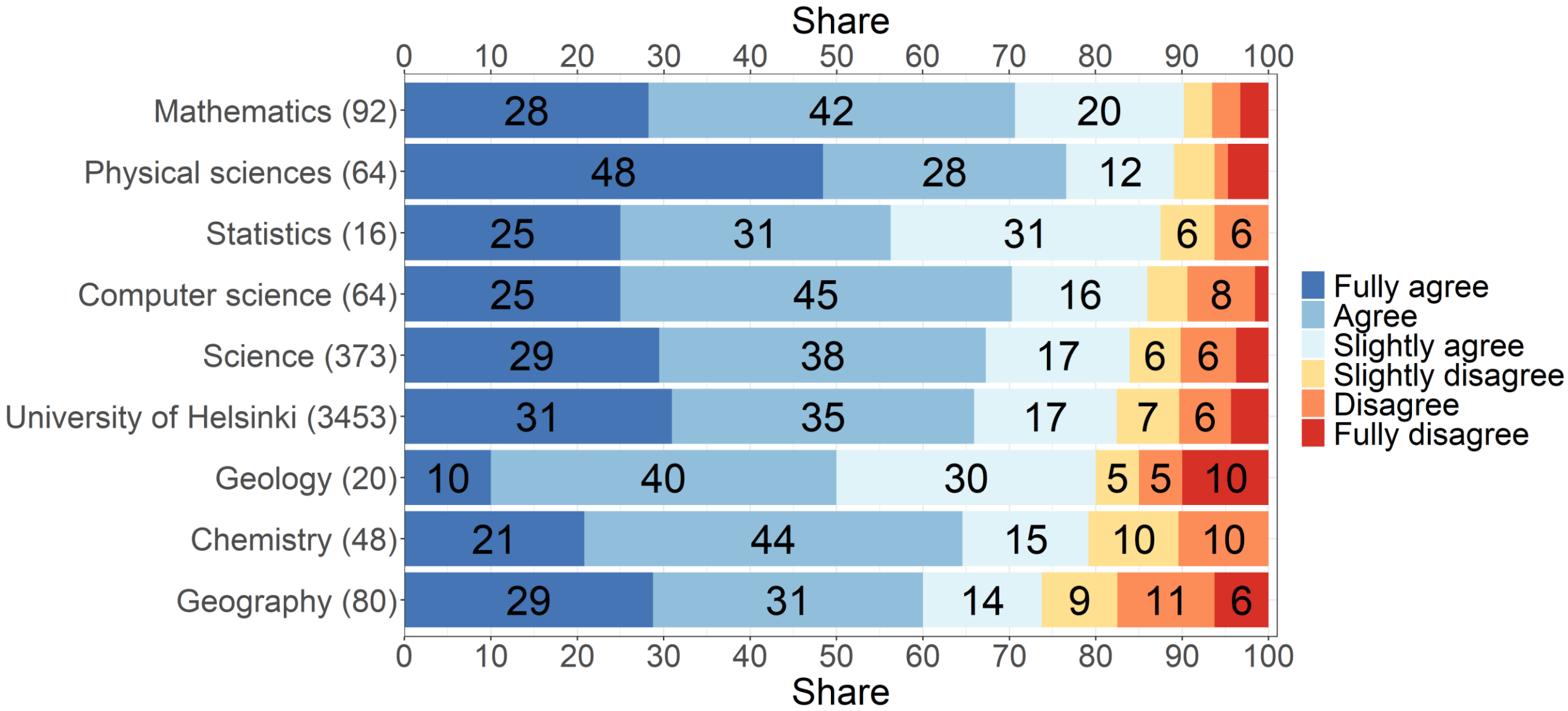
- Has been unemployed at some point after graduation: 38 %

- Has been an entrepreneur, freelancer or self-employed 18 %

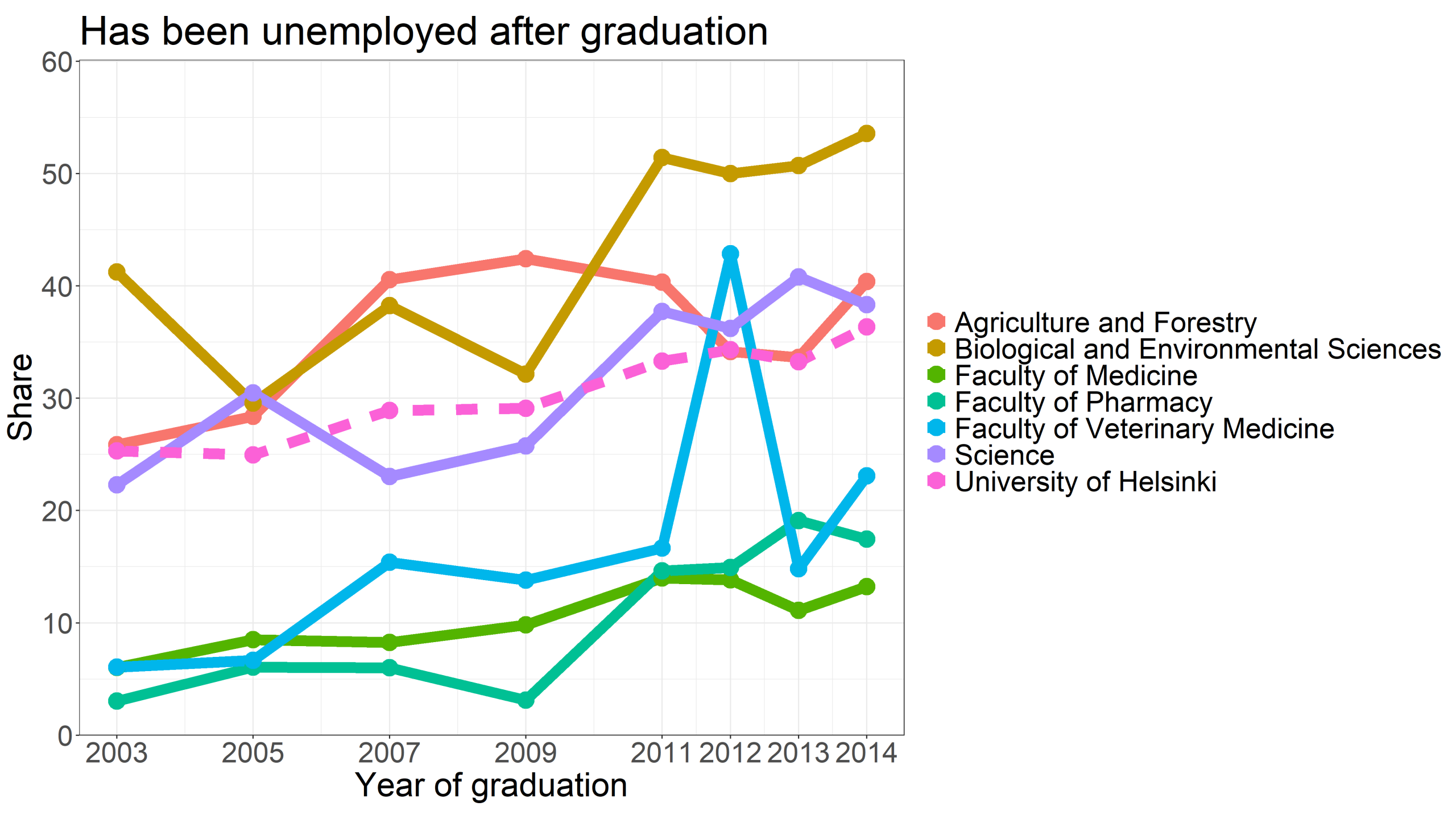


Number of respondents in brackets.

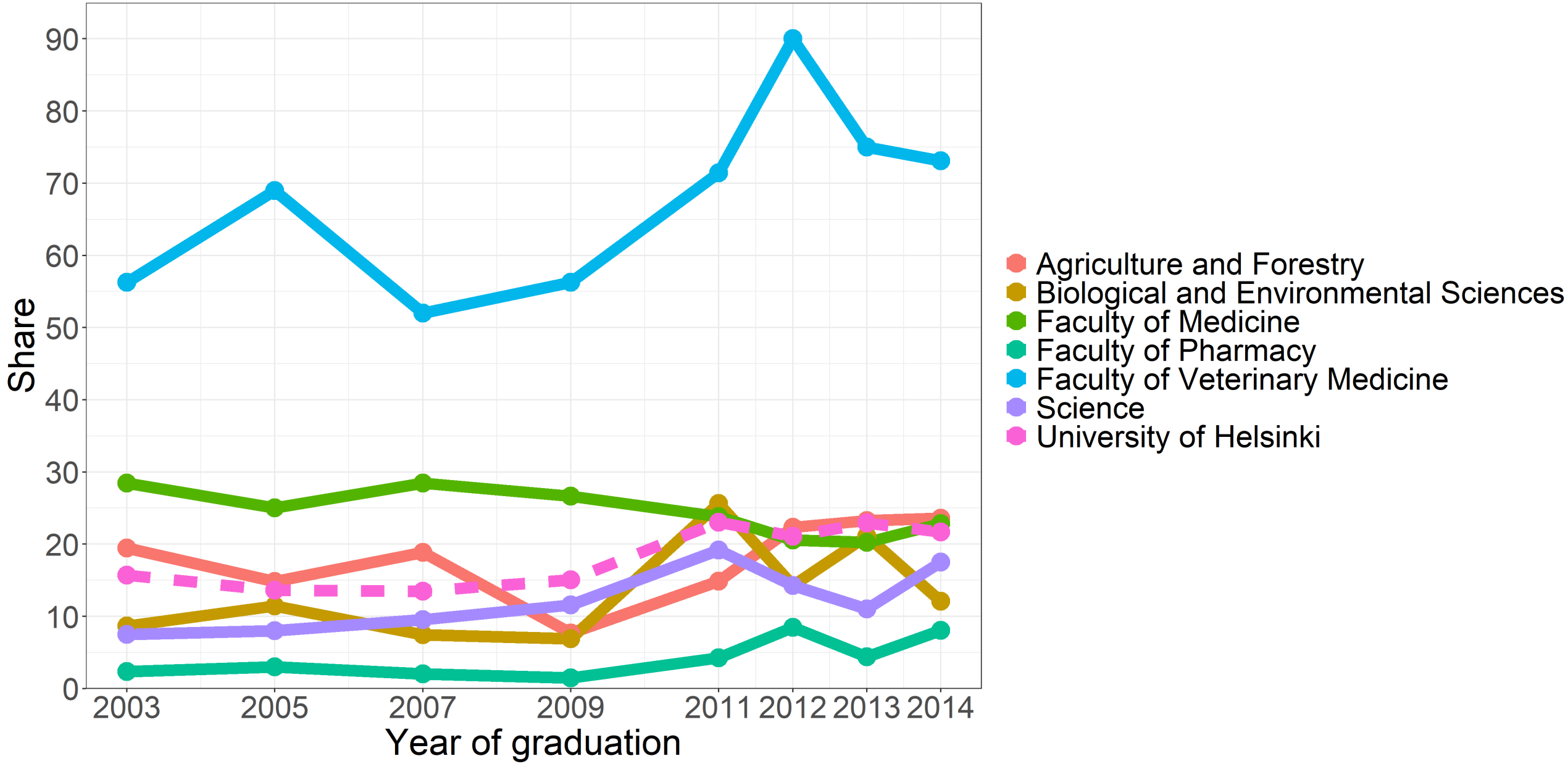
The requirements of current job correspond well with academic qualifications



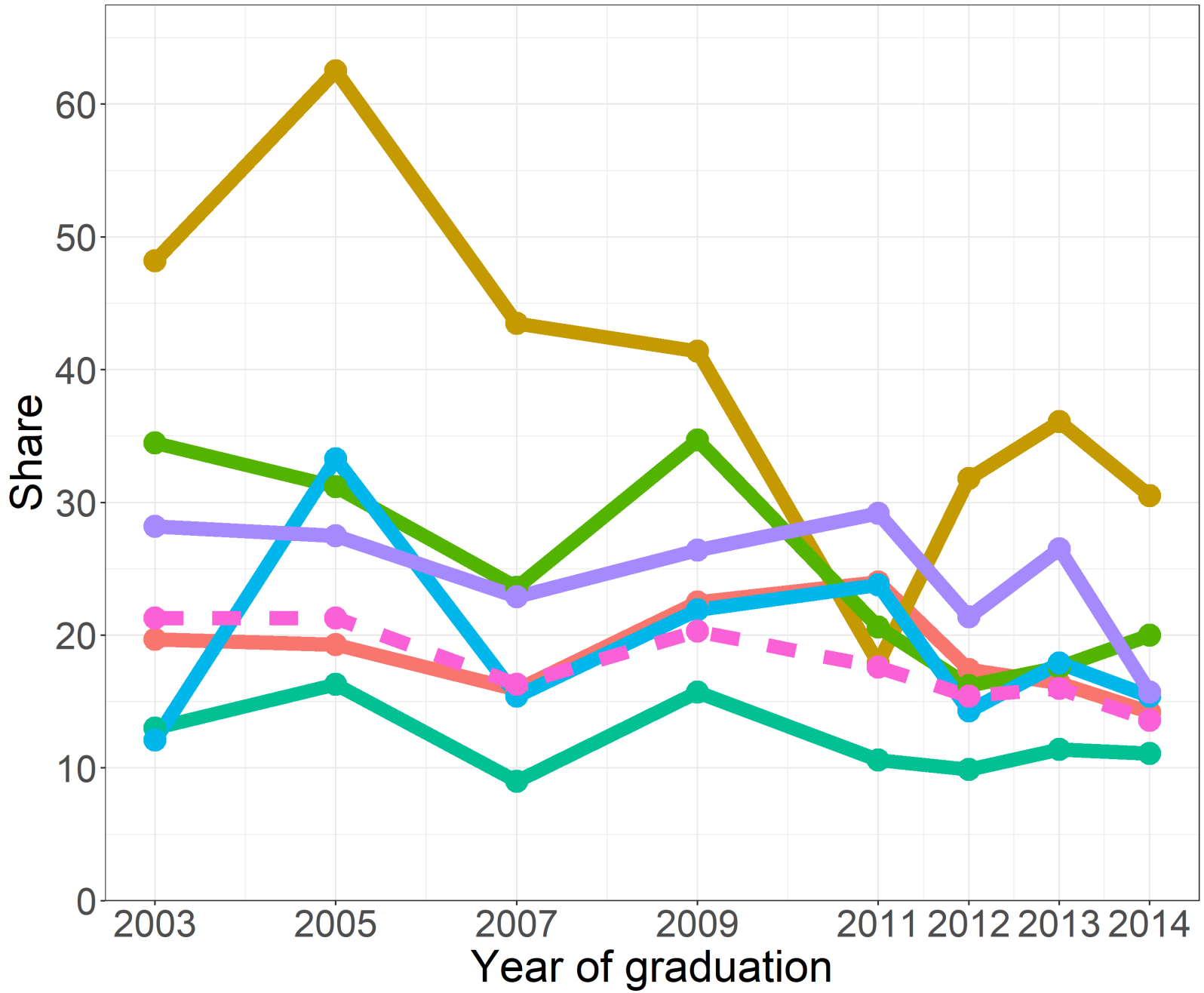
The graph displays information on the graduates of 2012, 2013, 2014
In brackets number of respondents


Has been unemployed after graduation
Share
60
50
40
30
20
10
0
2003
2005
2007
2009
2011
2012
2013
2014
Year of graduation
Agriculture and Forestry
Biological and Environmental Sciences
Faculty of Medicine
Faculty of Pharmacy
Faculty of Veterinary Medicine
Science
University of Helsinki

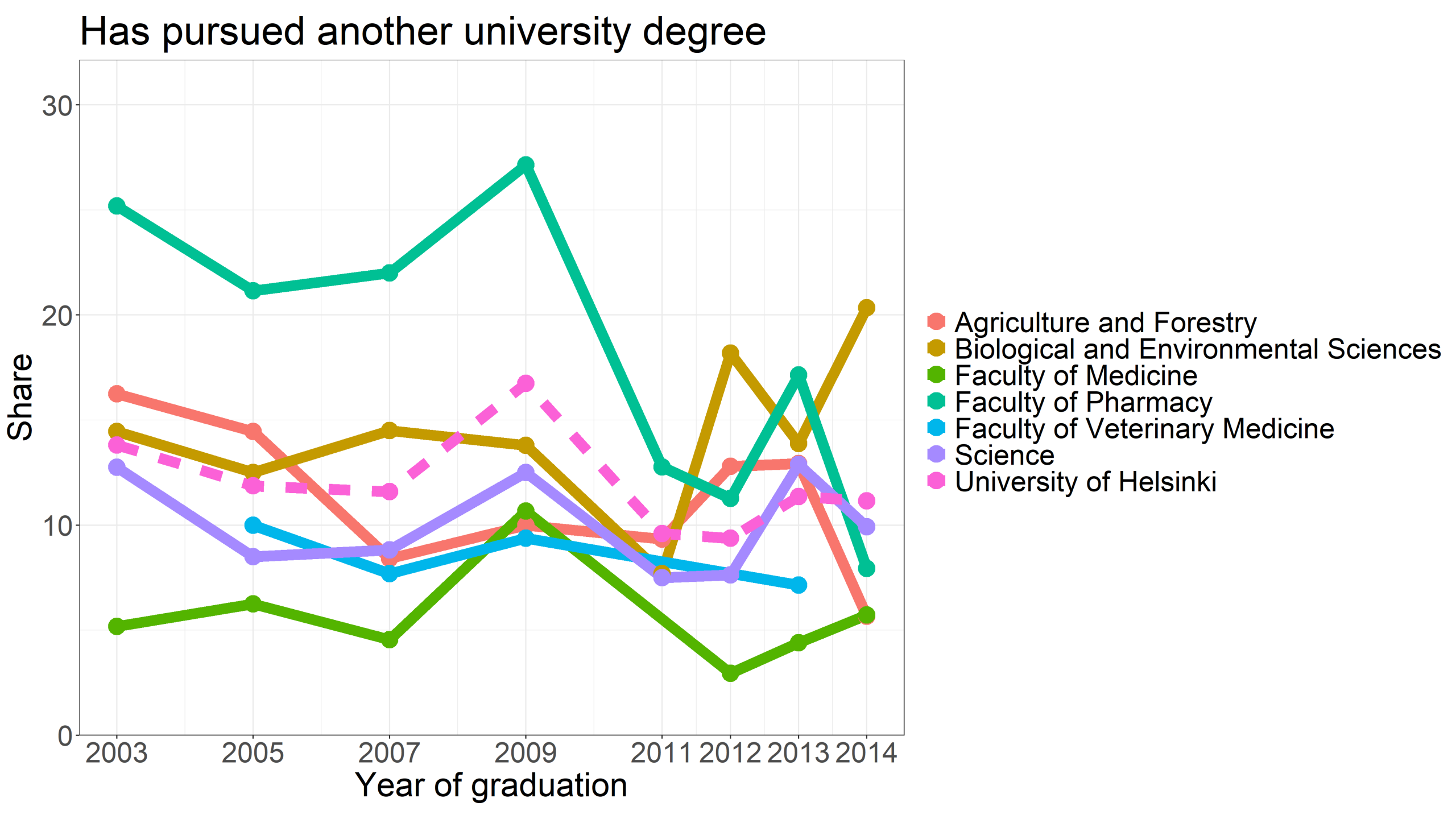
Has worked as an entrepreneur/freelancer after graduation



Has completed postgraduate research studies after graduation



- Agriculture and Forestry
- Biological and Environmental Sciences
- Faculty of Medicine
- Faculty of Pharmacy
- Faculty of Veterinary Medicine
- Science
- University of Helsinki


Has pursued another university degree
Share
30
20
10
0
2003
2005
2007
2009
2011
2012
2013
2014
Year of graduation
Agriculture and Forestry
Biological and Environmental Sciences
Faculty of Medicine
Faculty of Pharmacy
Faculty of Veterinary Medicine
Science
University of Helsinki

FIVE YEARS IN THE JOB MARKET, 2014 GRADUATES BY FACULTY

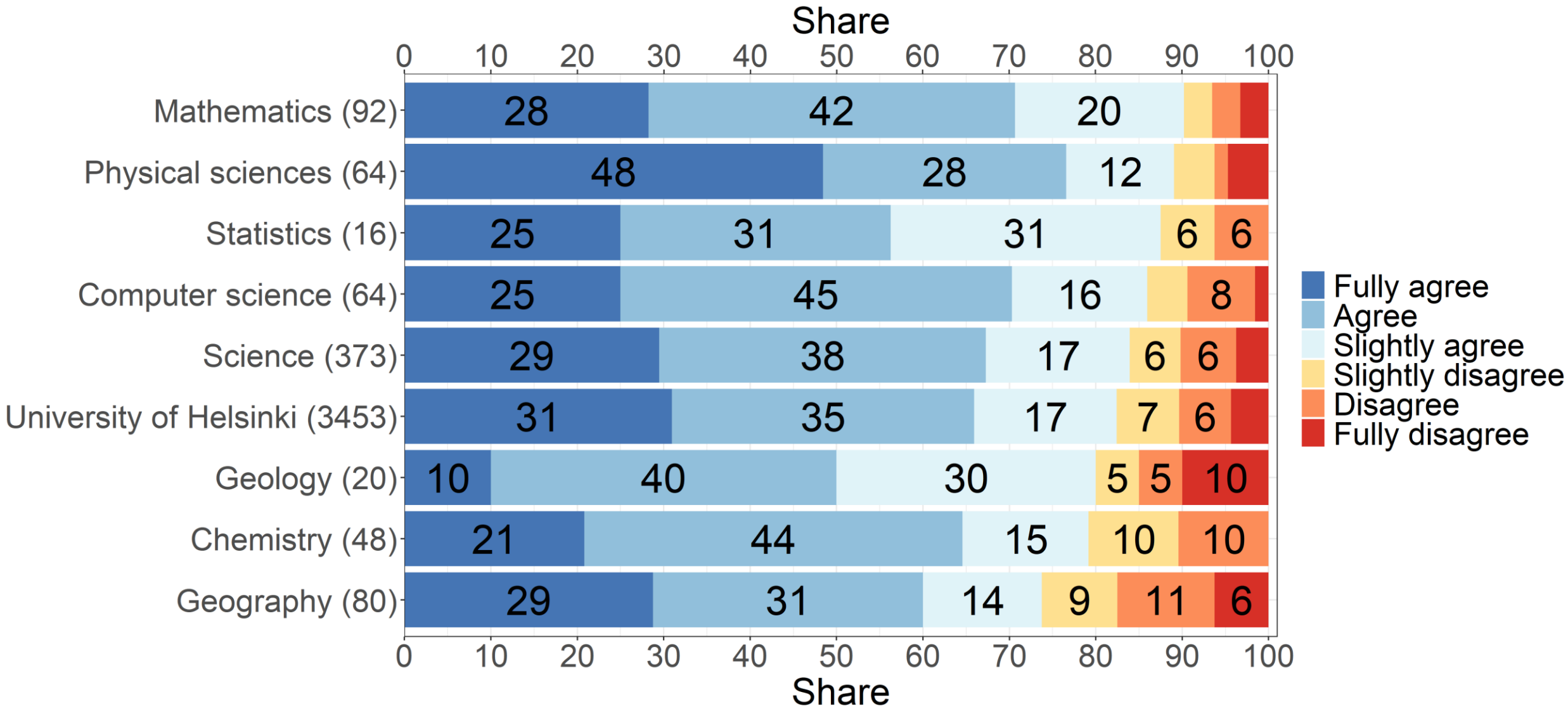
Faculty, number of respondents in brackets	Has been unemployed	Has been an entrepreneur/a freelancer/self-employed	Has done doctoral studies	Has pursued another master´s level university degree
Biological and Environmental Sciences (56-59)	54 %	12 %	31 %	20 %
Veterinary Medicine (26)	23 %	73 %	26 %	0 %
Pharmacy (62-63)	18 %	8 %	11 %	8 %
Arts (242-248)	50 %	32 %	16 %	11 %
Educational Sciences (163-169)	22 %	11 %	7 %	12 %
Medicine (68-70)	13 %	23 %	20 %	6 %
Agriculture and Forestry (104-106)	40 %	24 %	14 %	6 %
Science (120-121)	**38 %**	**18 %**	**16 %**	**10 %**
Law (75-77)	27 %	12 %	10 %	10 %
Theology (78-80)	55 %	25 %	13 %	18 %
Social Sciences (172-183)	36 %	21 %	10 %	13 %
University of Helsinki (1,169-1,202)	**36 %**	**22 %**	**14 %**	**11 %**

CORRELATION BETWEEN EDUCATION AND EMPLOYMENT AMONG 2014 GRADUATES

Respondents used a six-level scale. The figures include response options 4–6 (fairly satisfied-very satisfied/slightly agree-fully agree).

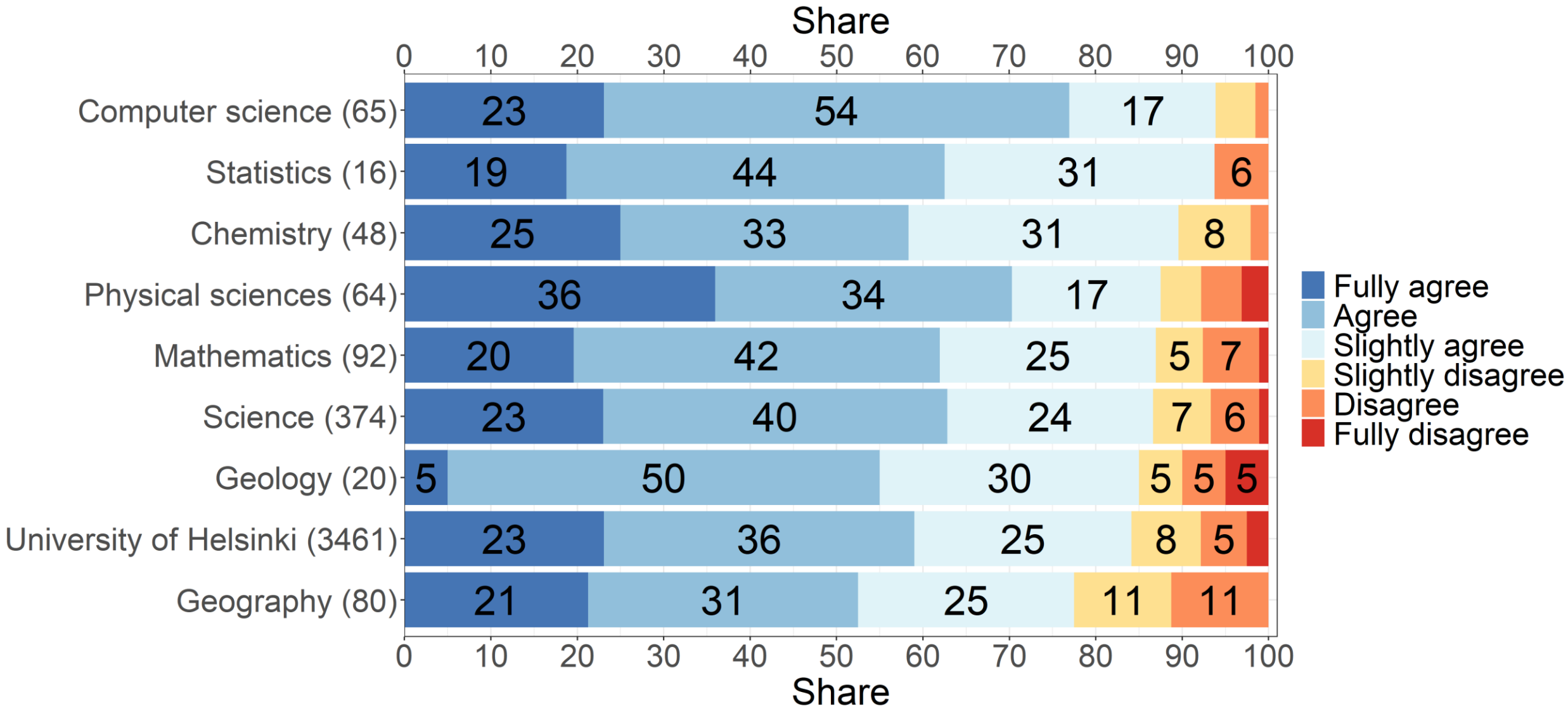
- Requirements of current job matches well with academic qualifications: 83 % of respondents
- Ability to use the knowledge and skills acquired at the University in current job: 85 %
- Studies equipped sufficiently for working life: 65 %
- Satisfied with the degree from the career perspective: 89 %

The requirements of current job correspond well with academic qualifications



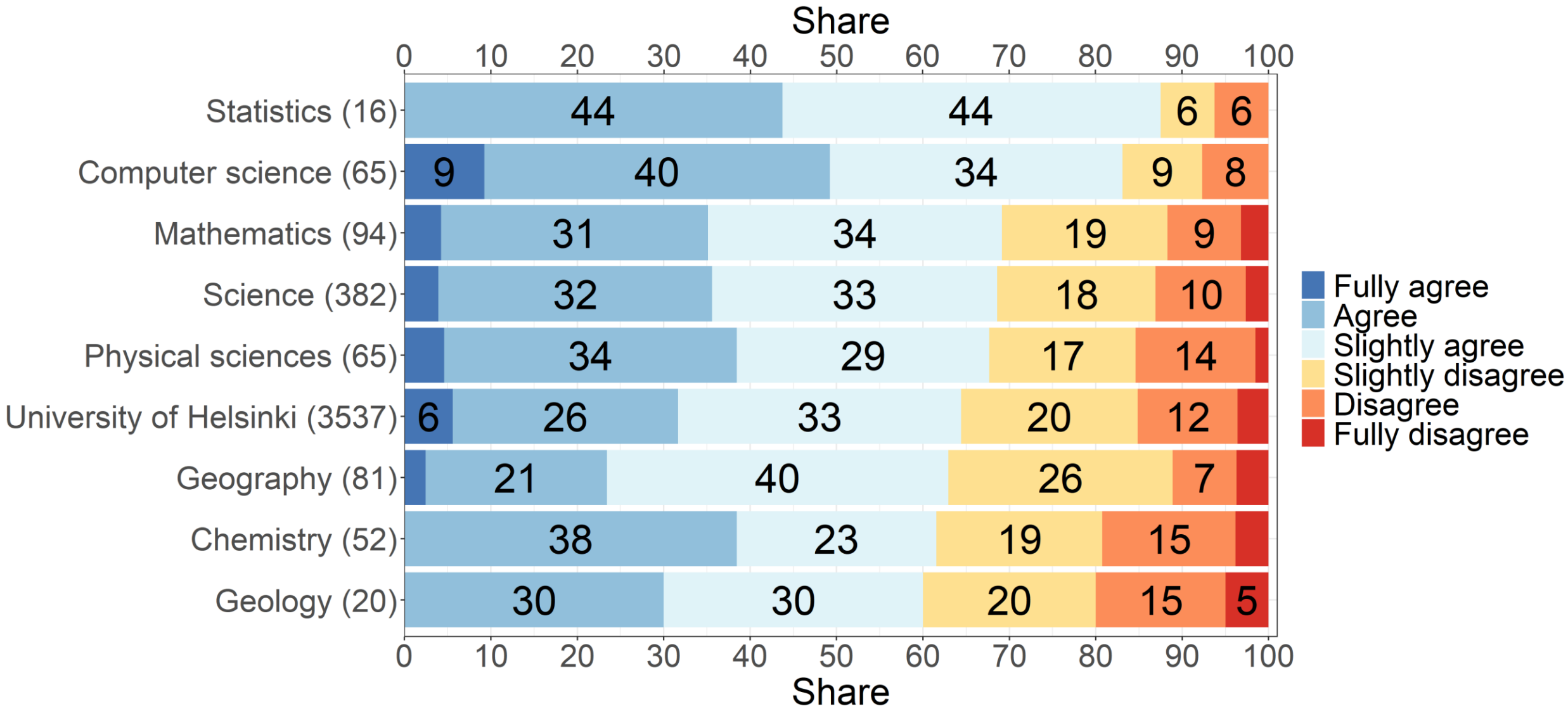
The graph displays information on the graduates of 2012, 2013, 2014
In brackets number of respondents

The skills and knowledge I learned at the university can be applied well in my current job



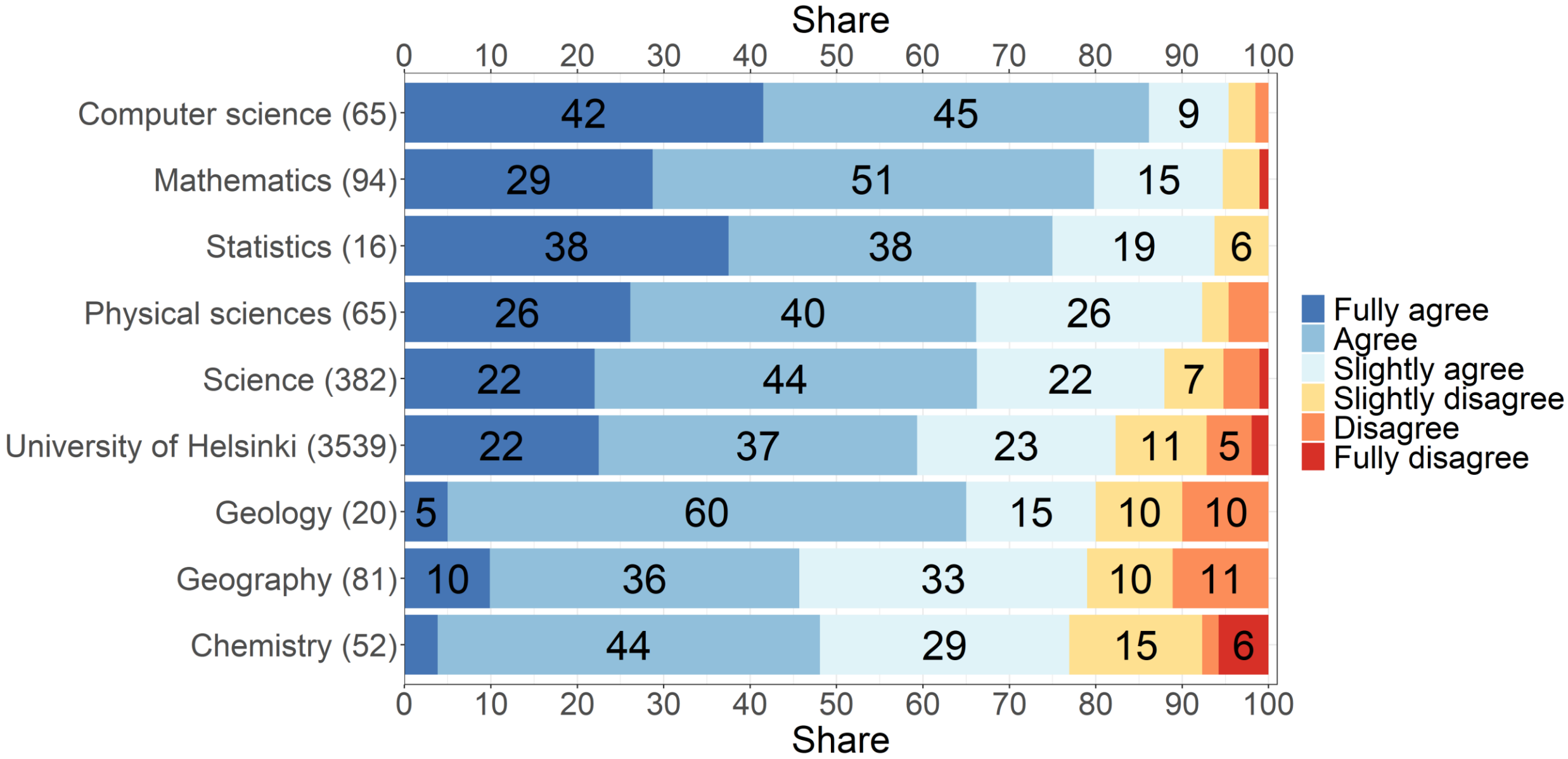
The graph displays information on the graduates of 2012, 2013, 2014
In brackets number of respondents

The studies equipped graduates sufficiently for working life



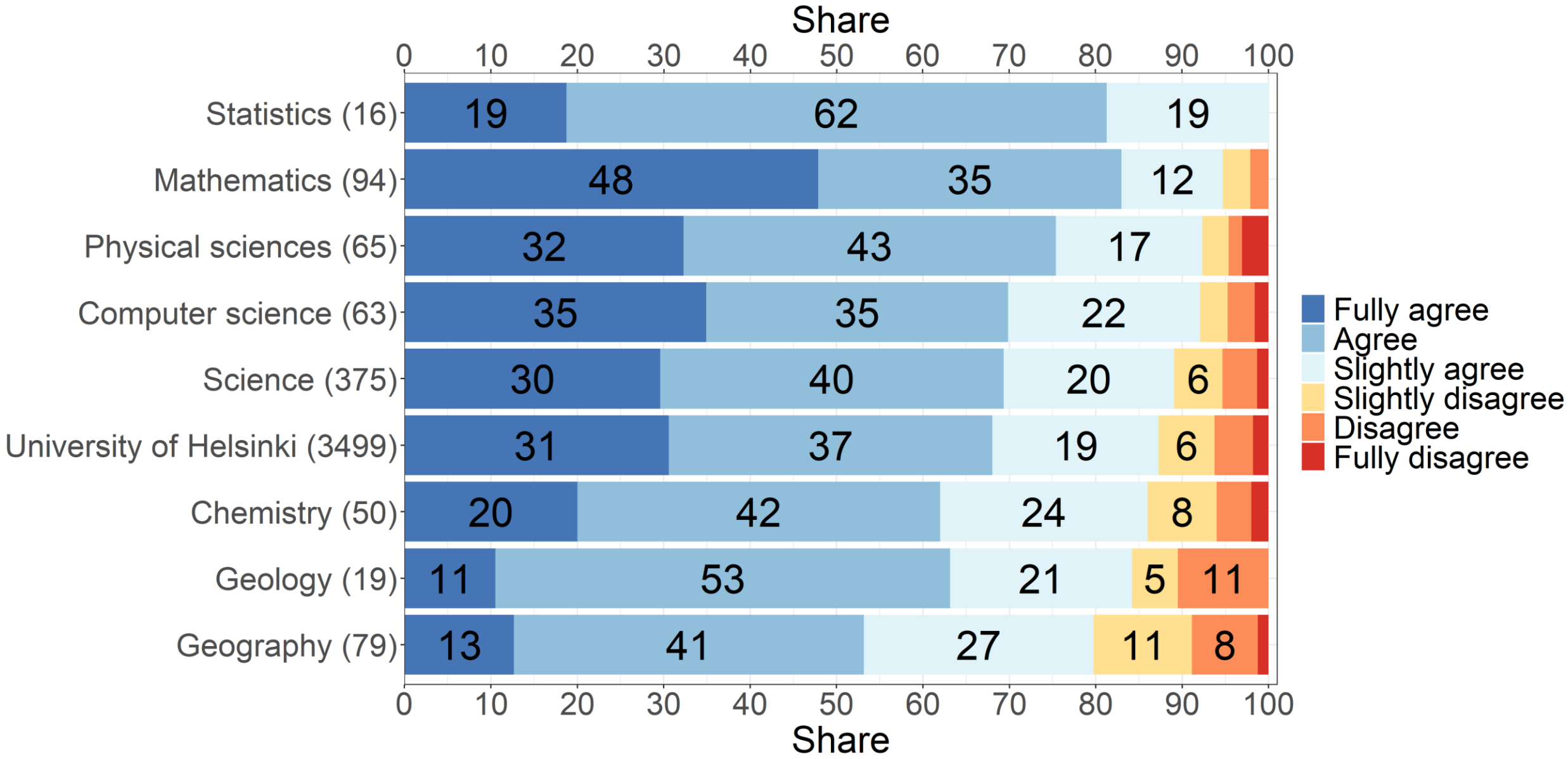
The graph displays information on the graduates of 2012, 2013, 2014
In brackets number of respondents

I would recommend my education to others



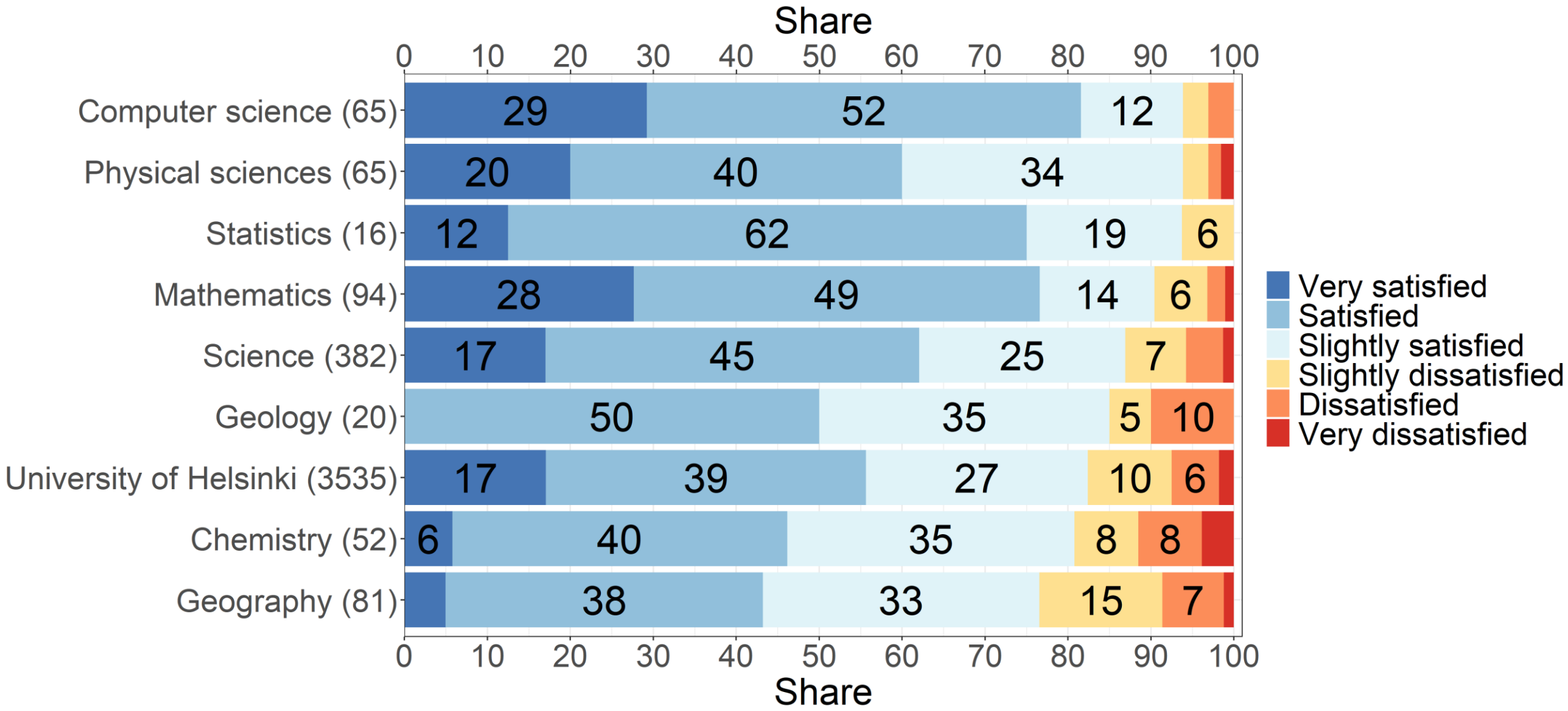
The graph displays information on the graduates of 2012, 2013, 2014
In brackets number of respondents

Employers value my degree



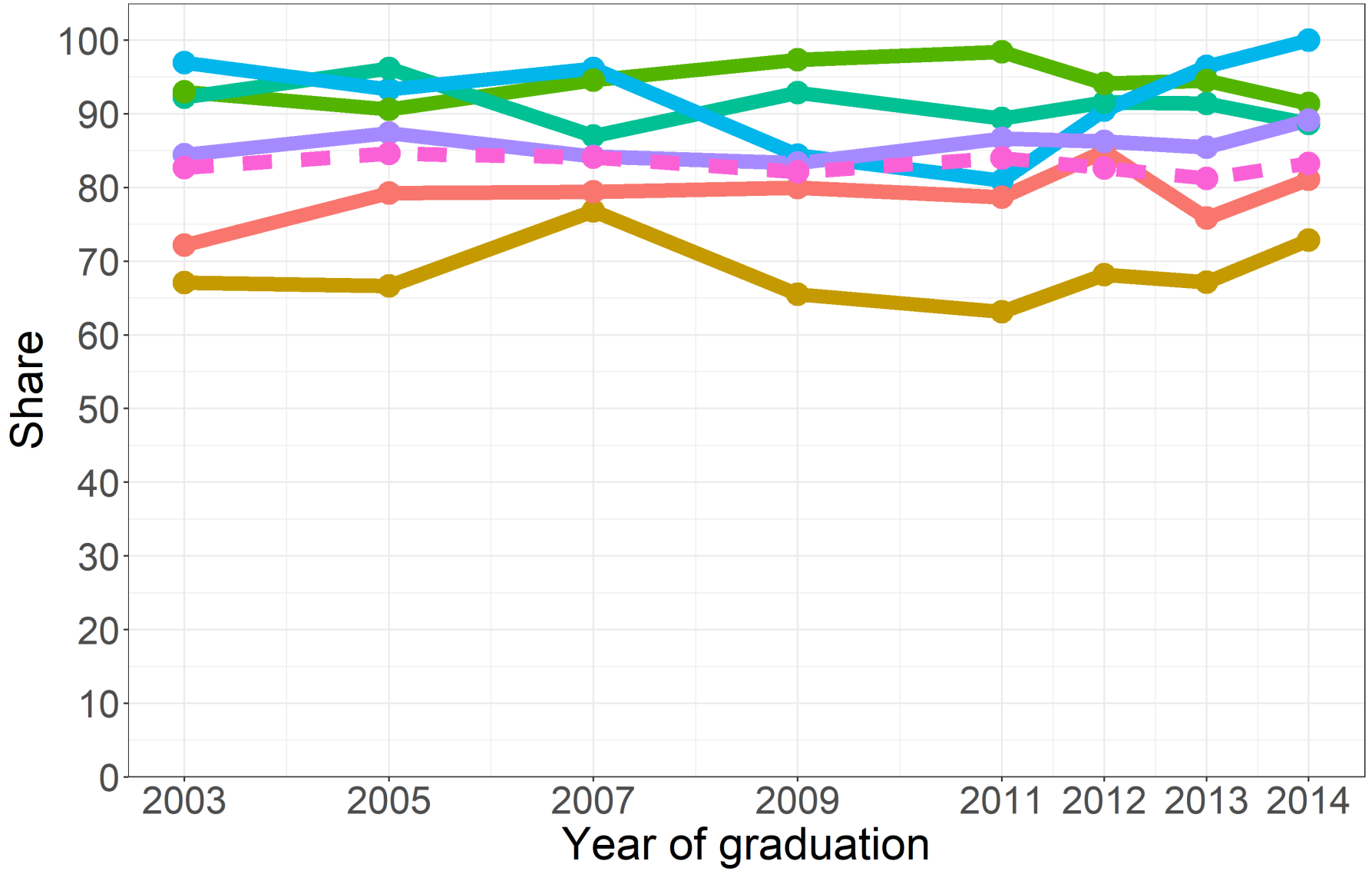
The graph displays information on the graduates of 2012, 2013, 2014
In brackets number of respondents

Overall satisfaction with the degree in terms of career



The graph displays information on the graduates of 2012, 2013, 2014
In brackets number of respondents

Overall satisfaction with the degree in terms of career



Agriculture and Forestry
Biological and Environmental Sciences
Faculty of Medicine
Faculty of Pharmacy
Faculty of Veterinary Medicine
Science
University of Helsinki

The following response options are included in the share:
Slightly satisfied , Satisfied, Very satisfied

CORRELATION BETWEEN EDUCATION AND EMPLOYMENT, 2014 GRADUATES BY FACULTY

Faculty, number of respondents in brackets	Requirements of current job matches well with academic qualifications*	Able to use the knowledge and skills acquired at the University in the current job*	Studies equipped sufficiently for working life*	Satisfied with the degree from a career perspective*
Biological and Environmental Sciences (57-59)	76 %	88 %	58 %	73 %
Veterinary Medicine (26)	96 %	96 %	77 %	100 %
Pharmacy (62-63)	86 %	92 %	90 %	89 %
Arts (240-248)	73 %	78 %	54 %	73 %
Educational Sciences (167-169)	85 %	88 %	76 %	90 %
Medicine (70)	97 %	97 %	80 %	91 %
Agriculture and Forestry (101-106)	77 %	74 %	63 %	81 %
Science (119-120)	**83 %**	**85 %**	**65 %**	**89 %**
Law (76-77)	93 %	86 %	69 %	91 %
Theology (79-80)	84 %	78 %	59 %	78 %
Social Sciences (180-183)	83 %	79 %	55 %	83 %
University of Helsinki (1,181-1,198)	**82 %**	**83 %**	**64 %**	**83 %**

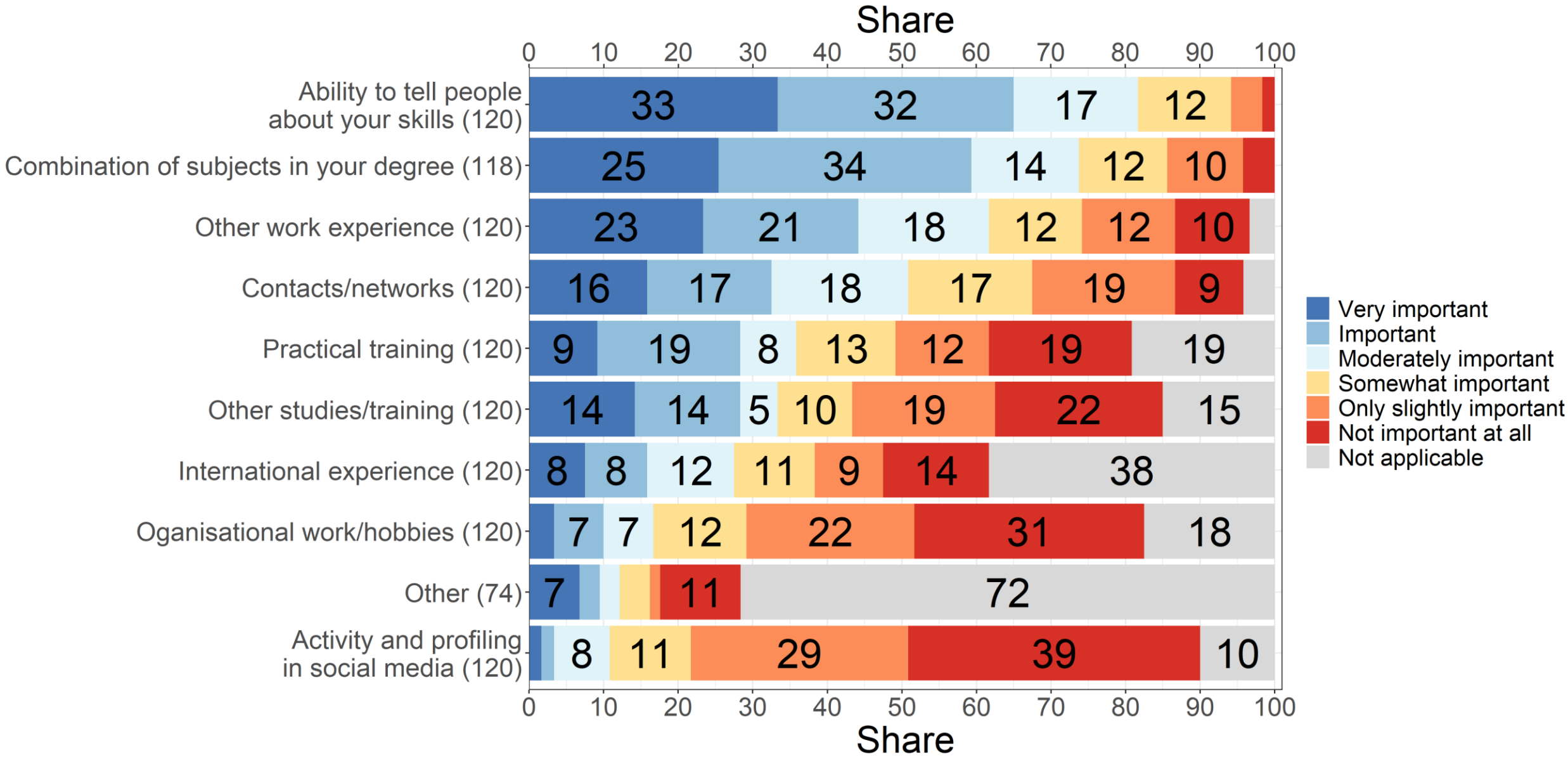
FACTORS AFFECTING EMPLOYMENT AND PROFESSIONAL SKILLS NEEDS, 2014 GRADUATES

- Most important factors affecting employment*
  - Ability to describe one's knowledge and skills 82 %
  - Subject combination of degree 74 %
  - Other work experience 62 %

- Most important skill areas in current job:
  - Ability to learn and take in new information
  - Self-direction/initiative
  - Problem-solving skills
  - Analytical and systematic thinking skills
  - Communication in Finnish

*Options 4–6 (fairly important/important/very important) on a six-level scale

The factors that have affected employment



The graph displays information on the graduates of 2014
In brackets number of respondents

FACTORS AFFECTING EMPLOYMENT, 2014 GRADUATES

	Biol. & Env. Sc.	Vet. Med.	Phar.	Arts	Edu. Sc.	Med.	Agr. & For.	Sc.	Law	Theo.	Soc. Sc.	UH
Ability to describe one's knowledge and skills	**85 %**	**73 %**	**78 %**	**86 %**	**84 %**	**57 %**	**88 %**	**82 %**	**88 %**	**88 %**	**86 %**	**83 %**
Other work experience	**55 %**	54 %	**57 %**	**70 %**	**70 %**	**41 %**	**69 %**	**62 %**	**86 %**	**73 %**	**72 %**	**67 %**
Contacts/networks	50 %	**81 %**	51 %	56 %	37 %	31 %	**67 %**	51 %	42 %	**65 %**	**61 %**	**53 %**
Subject combination of degree	**66 %**	39 %	33 %	**57 %**	**59 %**	29 %	55 %	**74 %**	**47 %**	39 %	46 %	**52 %**
Practical training	50 %	**58 %**	**64 %**	37 %	41 %	**54 %**	45 %	36 %	**47 %**	45 %	50 %	**45 %**
Other studies/training	40 %	19 %	36 %	43 %	46 %	17 %	43 %	33 %	25 %	45 %	38 %	**38 %**
International experience	41 %	19 %	11 %	34 %	14 %	9 %	32 %	28 %	42 %	25 %	34 %	**28 %**
Organisational work/hobbies	26 %	23 %	14 %	24 %	23 %	13 %	26 %	17 %	13 %	50 %	31 %	**24 %**
Activity/profile in social media	17 %	12 %	8 %	14 %	12 %	1 %	19 %	11 %	11 %	18 %	19 %	**14 %**

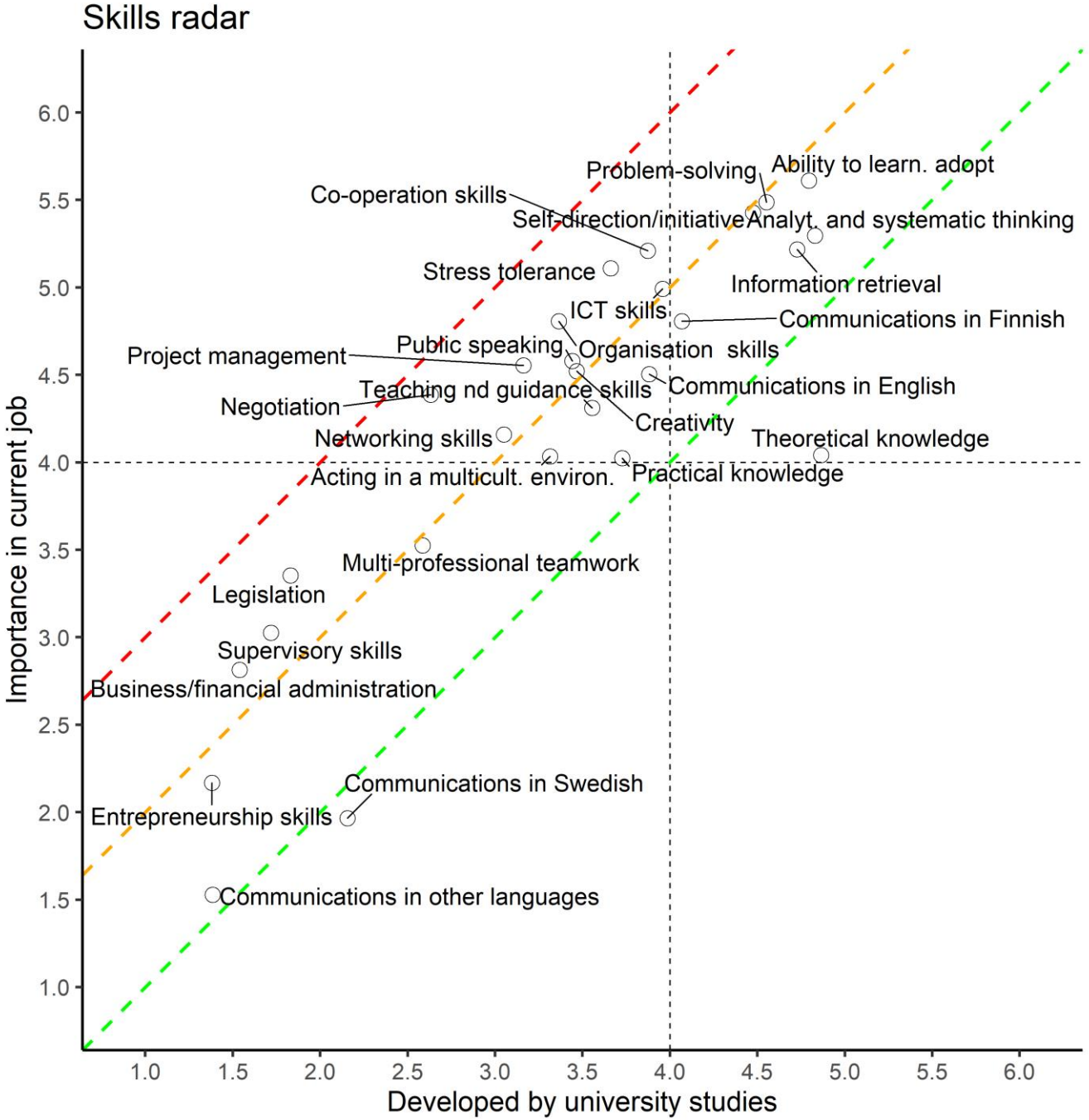
HELSINGIN YLIOPISTO
HELSINGFORS UNIVERSITET
UNIVERSITY OF HELSINKI

Share of options 4–6 total (fairly important/important/very important) on a six-level scale.
Color map criteria: the difference to the university share total is 10 % (if the university total share is over 50%) or 20 % (if the university total share is under 50 %).

FACTORS AFFECTING EMPLOYMENT, 2012-2014 GRADUATES*

	Faculty of Science	Physical sciences	Geology	Chemistry	Geography	Mathema-tics	Computer science	Statistics	UH
Ability to describe one's knowledge and skills	**84 %**	**80 %**	**80 %**	**83 %**	**84 %**	**87 %**	**86 %**	**88 %**	82 %
Other work experience	**58 %**	38 %	50 %	**60 %**	**65 %**	**58 %**	**74 %**	**62 %**	66 %
Subject combination of degree	**73 %**	**80 %**	**65 %**	**59 %**	**67 %**	**88 %**	**66 %**	**75 %**	54 %
Contacts/networks	45 %	**51 %**	**55 %**	35 %	52 %	34 %	54 %	25 %	50 %
Practical training	42 %	38 %	45 %	41 %	51 %	42 %	32 %	50 %	45 %
Other studies/training	30 %	40 %	30 %	29 %	25 %	24 %	35 %	25 %	37 %
International experience	22 %	33 %	30 %	14 %	35 %	12 %	17 %	25 %	25 %
Organisational work/hobbies	18 %	12 %	10 %	16 %	21 %	23 %	18 %	19 %	23 %
Activity/profile in social media	14 %	6 %	25 %	19 %	17 %	8 %	18 %	14 %	13 %

*Share of options 4–6 total (fairly important/important/very important) on a six-level scale.
Color map criteria: the difference to the faculty share total is 15 % (if the faculty total share is over 50%) or 25 % (if the faculty total share is under 50 %).



Number of respondents: 99-119

[Link to the 'Skills radar' app]

DEVELOPMENT OF SUFFICIENT SKILLS

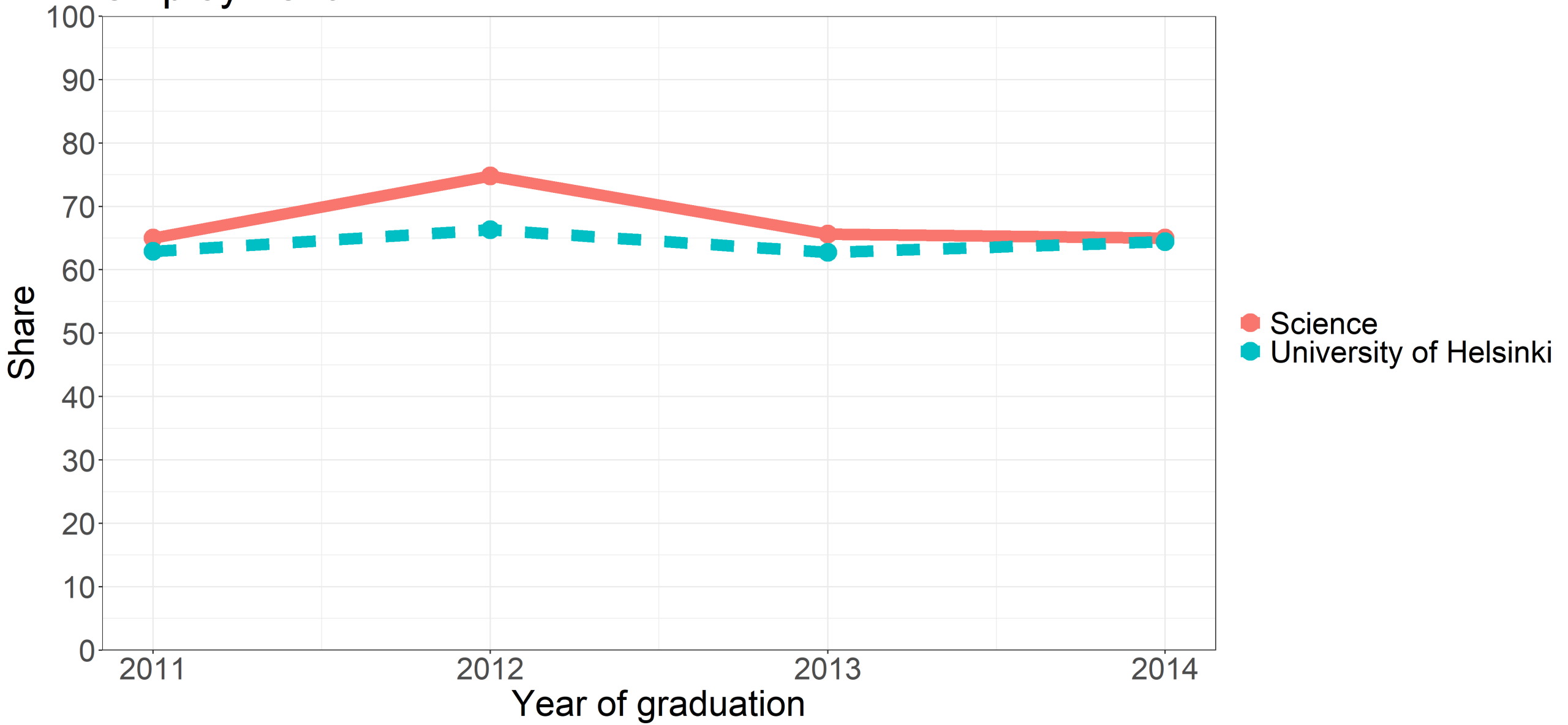
Tuukka Kangas
Johdon tieto- ja analytiikkapalvelut

GENERAL

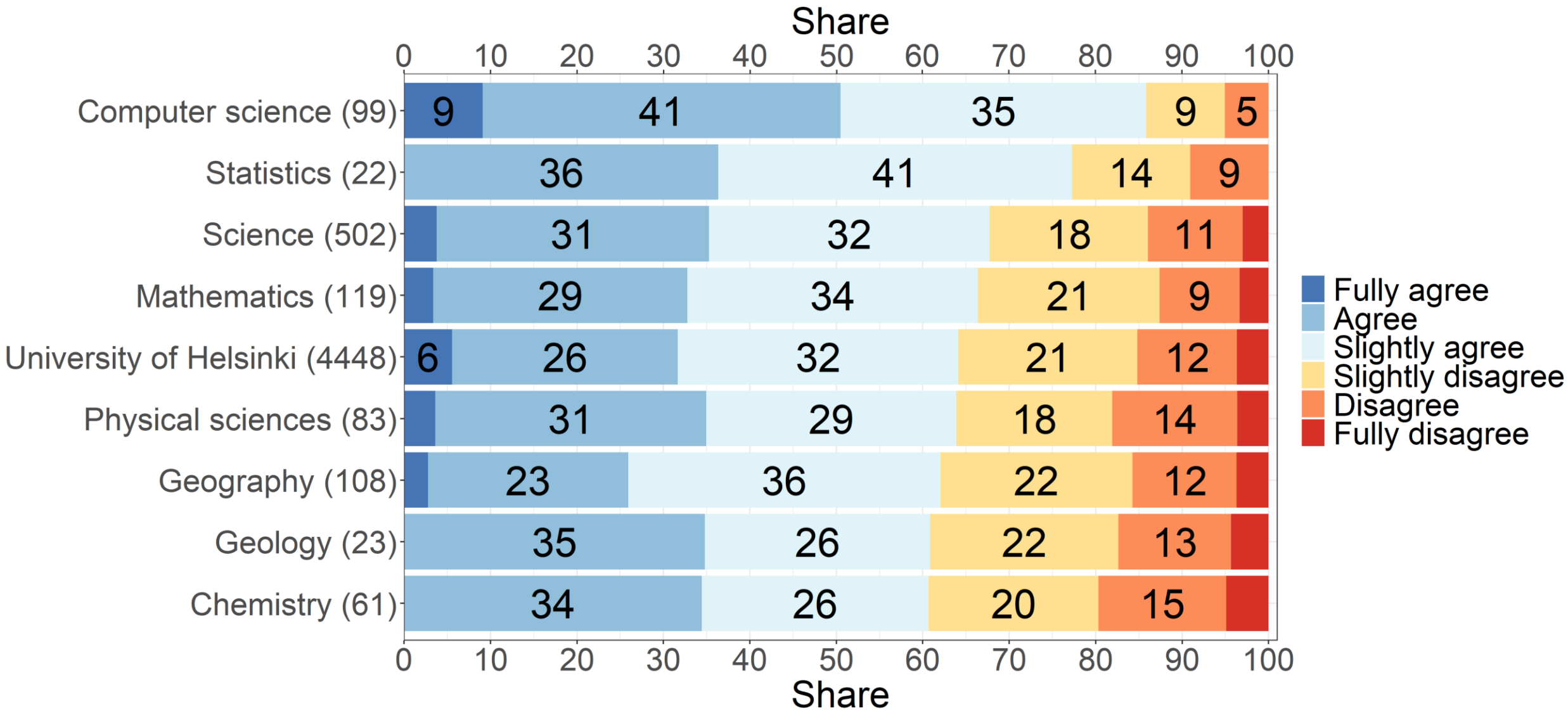
- This section analyses the statement ‘The studies equipped me sufficiently for working life’.
  - Responses on a six-level scale, from *fully disagree* to *fully agree*
  - If not otherwise indicated, the responses *slightly agree*, *agree* and *fully agree* have been merged into a single category.

- Question has been included in the past four surveys, i.e., graduates of 2011–2014 are included
  - If the year of graduation is not used as a variable for statistical classification, all responses (regardless of the year of graduation) are included by default.

Share of respondents who feel they have acquired sufficient skills for employment



The studies equipped graduates sufficiently for working life



The graph displays information on the graduates of 2011, 2012, 2013, 2014
In brackets number of respondents

CONNECTION BETWEEN THE DEVELOPMENT OF SUFFICIENT SKILLS AND OTHER QUESTIONS

Variable	Response[1]	Has acquired sufficient skills[2]	All responses
Job requirements correspond with academic qualifications[3]	Yes	91 %	84 %
	No	9 %	16 %
Can apply the skills and knowledge learned at university in current job	Yes	94 %	87 %
	No	6 %	13 %
Share of those satisfied with their degree in terms of their career	Yes	96 %	87 %
	No	4 %	13 %
Would recommend studies to others	Yes	93 %	87 %
	No	7 %	13 %
Employers value degree	Yes	94 %	87 %
	No	6 %	13 %
Studies equipped them sufficiently for working life		68 %	

[1] Response options 4–6 (fairly satisfied/satisfied/very satisfied; slightly agree/agree/fully agree)
[2] Only includes those who stated that their studies had equipped them sufficiently for working life
[3] Graduation years of 2012–2014

CONNECTION BETWEEN THE DEVELOPMENT OF SUFFICIENT SKILLS AND OTHER QUESTIONS

Variable	Response	Has acquired sufficient skills[1]	All responses
Has been unemployed	Yes	33 %	38 %
	No	67 %	62 %
Has studied towards another academic degree	Yes	9 %	10 %
	No	91 %	90 %
Has completed scientific postgraduate studies	Yes	24 %	23 %
	No	76 %	77 %
Studies equipped them sufficiently for working life		68 %	

[1] Only includes those who stated that their studies had equipped them sufficiently for working life

PERCEIVED LEARNING DURING UNIVERSITY STUDIES

- Comparison of respondents who chose the option *fully agree* or *agree* with other respondents
- Those who agreed with the statement felt that their university education developed, in particular, the following professional skills:
  - Analyt. and systematic thinking, practical knowledge, problem-solving, theoretical knowledge, ability to learn. adopt, teaching and guidance skills and self-direction/initiative.
  - In general, those who agreed with the statement considered their professional skills to have developed more compared to the other respondents. The difference to those who fully disagreed or disagreed was even more marked.

ANALYSIS OF OPEN-ENDED RESPONSES

Tuukka Kangas
Institutional Research and Analysis

ANALYSIS OF OPEN-ENDED RESPONSES

- The following open-response questions were analysed:
  - How satisfied are you overall with the degree you completed in 20xx in terms of your career? Please justify your response.
  - How satisfied are you with your career so far? Please justify your response.

- The analyses have focused on the development of sufficient skills and satisfaction with the degree.

- The data were restricted to the graduation years 2011–2014.

ANALYSIS OF OPEN-ENDED RESPONSES

- The most common themes highlighted by respondents included practical skills, research/a postgraduate degree, and the job market.

- The respondents who were both satisfied with their degree and felt that they had been sufficiently equipped for the job market emphasised in their responses that they had acquired basic skills/a solid foundation, and sought to pursue a research career. They also stated that they had acquired sufficient practical skills.

- In addition, the satisfied respondents stressed that their degree had qualified them for their current job.

ANALYSIS OF OPEN-ENDED RESPONSES

- The respondents who were dissatisfied with their degree cited the job market situation: too few jobs in relation to graduate numbers.

- The dissatisfied respondents emphasised that the studies were too research-oriented and mainly intended for those pursuing a research career or postgraduate education.
  - They felt that they had not received sufficient practical skills or the kinds of skills that could be utilised in the job market outside academia.

- Subject teachers stressed that they had problems with subject choices (other teaching subjects).

SATISFACTION WITH THE DEGREE OR CAREER AS WELL AS SUFFICIENT PROFESSIONAL SKILLS – SEVERAL EXPLANATORY FACTORS FOR THE DISTRIBUTION OF RESPONSES IN THE LIGHT OF OPEN-ENDED RESPONSES

1. Different expectations for education and employment

2. Individual activity, work experience and networks created during studies

5. Job market situation

6. Different experiences of work and workloads

3. Different experiences of studies, the skills developed and the correlation between studies and employer needs

4. More support for studying and career planning

7. Lack of practical professional skills provided by studies

8. Lack of entrepreneurship skills (those working as entrepreneurs)

RECOMMENDATIONS FOR DEGREE PROGRAMMES

→ **THEMES CONSIDERED IN THE DEVELOPMENT OF EDUCATION, PARTICULARLY AFTER THE DEGREE PROGRAMME REFORM OF 2016**

- Strengthening support for the planning of studies and careers throughout studies, also in fields that prepare students directly for a specific profession
  - Exploring, analysing and considering various career options
  - Looking at career options against the background of students' self-knowledge and personal interests, values and skills
  - Natural sciences, in particular: the diverse and realistic presentation of doctoral education and research careers during undergraduate studies as one career option
  - Teacher trainees: the diverse and realistic presentation of everyday school work and teaching during studies, including the presentation of teachers' workloads and challenging situations
- Further strengthening the skills-based approach to education. Practical skills in studies, support for reflection on learning, and looking at targeted learning outcomes against the background of various professional skills needs
- Job market experience as part of studies. Project-based courses and other cooperation with organisations in the job market, inclusion of traineeships in studies, reflection on relevant work experience as part of studies (e.g., portfolio)
- Support for student activity during studies (e.g., elected positions, hobbies)

REGISTER-BASED TRACKING OF EMPLOYMENT AND THE JOB MARKET SITUATION

Tuukka Kangas
Institutional Research and Analysis

JOB MARKET SITUATION OF GRADUATES OF 2011 AND 2012 ONE, THREE AND FIVE YEARS AFTER GRADUATION

Job market situation	One year after graduation	Three years after graduation	Five years after graduation
Employed	55 %	50 %	57 %
Employed students	26 %	29 %	19 %
Unemployed	4 %	5 %	4 %
Share of employed in the workforce	**95 %**	**94 %**	**95 %**
Full-time study	2 %	2 %	2 %
Other or not known	7 %	4 %	6 %
Emigrated	7 %	9 %	12 %
Number: 570			

JOB MARKET SITUATION ONE YEAR AFTER GRADUATION, BY FACULTY, GRADUATION YEARS OF 2015 AND 2016

Discipline	Employed	Employed students	Unemployed	Full-time study	Other or not known	Emigrated
Physical Sciences (N = 110)	25 %	55 %	6 %	2 %	8 %	5 %
Geology (N = 48)	75 %	6 %	15 %	2 %	0 %	2 %
Chemistry (N = 76)	36 %	32 %	5 %	7 %	3 %	18 %
Geography (N = 110)	67 %	12 %	11 %	4 %	4 %	3 %
Mathematics (N = 141)	62 %	10 %	9 %	3 %	8 %	9 %
Computer science (N = 152)	60 %	15 %	3 %	1 %	12 %	9 %
Statistics (N = 19)	32 %	32 %	16 %	0 %	16 %	5 %
Faculty of Science (N = 637)	**54 %**	**22 %**	**7 %**	**3 %**	**7 %**	**8 %**
UH (N = 5868)	66 %	16 %	6 %	3 %	5 %	4 %

SHARE OF EMPLOYED IN THE WORKFORCE

Year of graduation	One year after graduation	Three years after graduation	Five years after graduation
2009	97 %	97 %	94 %
2010	96 %	98 %	98 %
2011	97 %	96 %	96 %
2012	93 %	93 %	94 %
2013	91 %	92 %	
2014	93 %	95 %	
2015	90 %		
2016	93 %		

JOB MARKET SITUATION, BY NATIONALITY, GRADUATES OF 2009–2012

Job market situation	One year after graduation		Three years after graduation		Five years after graduation	
Nationality	Finnish	Other	Finnish	Other	Finnish	Other
Employed	58 %	18 %	55 %	10 %	63 %	20 %
Employed students	28 %	34 %	30 %	38 %	21 %	18 %
Unemployed	4 %	2 %	4 %	2 %	4 %	4 %
Share of employed in the workforce	**96 %**	**96 %**	**96 %**	**96 %**	**95 %**	**90 %**
Full-time study	2 %	2 %	3 %	2 %	2 %	0 %
Other or not known	4 %	20 %	3 %	20 %	3 %	24 %
Emigrated	4 %	25 %	5 %	28 %	7 %	35 %
Number:	869	97	869	97	869	97

ANNUAL INCOME (AVERAGE), BY FACULTY, GRADUATES OF 2012

Discipline	One year after graduation	Three years after graduation	Five years after graduation
Physical sciences (N = 69-84)	30 000	33 000	36 000
Geology (N = 14-15)	33 000	38 000	41 000
Chemistry (N = 59-65)	32 000	34 000	36 000
Geography (N = 82-87)	33 000	35 000	37 000
Mathematics (N = 93-100)	37 000	41 000	44 000
Computer science (N = 106-122)	40 000	47 000	53 000
Statistics (N = 22-23)	41 000	46 000	44 000
Faculty of Science (N = 434-458)	**35 000**	**39 000**	**42 000**
University of Helsinki (N = 4233-4319)	36 000	40 000	43 000

SUBSEQUENT DEGREES, BY FACULTY, DATA FOR 2017, GRADUATION YEARS OF 2009–2012

Discipline	No degree	Bachelor degree	Master	Doctoral
Physical sciences (N = 189)	68 %	0 %	2 %	29 %
Geology (N = 36)	83 %	0 %	8 %	8 %
Chemistry (N = 138)	85 %	0 %	0 %	15 %
Geography (N = 164)	92 %	0 %	2 %	6 %
Mathematics (N = 201)	86 %	0 %	2 %	12 %
Computer science (N = 238)	87 %	0 %	1 %	11 %
Statistics (N = 32)	97 %	0 %	0 %	3 %
Faculty of Science (N = 966)	**84 %**	**0 %**	**2 %**	**14 %**
University of Helsinki (N =9439)	89 %	0,3 %	6 %	5 %


APPENDICES

PRINCIPAL EMPLOYER AT THE TIME OF RESPONDING, BY GRADUATION YEAR

	Company	Municipality/joint municipial authority	Organisation/foundation/congregation/similar	University	State	My own company/self-employed	University of applied science	Other
2014	40	29	1	15	12	3	0	1
2013	40	26	2	19	9	1	1	2
2012	38	21	8	16	10	2	2	4
2011	42	21	2	18	10	4	0	3
2009	39	21	5	17	14	3	0	2
2007	46	17	4	18	10	2	2	1
2005	41	25	4	18	9	1	1	1

PRINCIPAL EMPLOYER AT THE TIME OF RESPONDING, BY FIELD OF EDUCATION

	Company	Municipality/joint municipal authority	Organisation/foundation/congregation/similar	University	State	My own company/self-employed	University of applied science	Other
Physical sciences	19	21	5	35	16	2	2	0
Geology	45	10	5	15	15	0	5	5
Chemistry	40	27	0	33	0	0	0	0
Geography	35	28	9	10	14	1	0	4
Mathematics	34	44	3	11	2	1	1	3
Computer science	69	3	0	6	14	5	2	2
Statistics	19	0	19	6	50	6	0	0
Faculty of Science	39	25	4	17	10	2	1	2
University of Helsinki	31	29	12	11	10	3	1	3

TYPE OF EMPLOYMENT AT THE TIME OF RESPONDING, BY YEAR OF GRADUATION

	Work with customers /patients	Planning /development/administrative duties	Management/supervisory duties	Ecclesiastical work	Consulting/training	Legal work	Marketing/sales	Other	Education	Finances/financial administration	Artistic work	Office work	Research	Communications/media
2014	3	20	7	0	9	0	0	6	26	3	0	3	23	0.9
2013	3	24	2	0	11	0.8	0.8	6	20	0.8	0.8	2	26	2
2012	5	18	6	0	10	0	2	6	25	2	0	2	22	0.8
2011	2	23	5	0	8	0	0.9	11	17	0.9	0	0.9	30	2
2009	4	18	9	0	9	0	0	3	28	1	1	3	24	0
2007	3	28	6	0	11	0	3	8	19	0.6	0	1	19	2
2005	6	24	7	0	6	0	1	3	27	0	0	1	22	1

TYPE OF EMPLOYMENT AT THE TIME OF RESPONDING, BY FIELD OF EDUCATION

	Work with customers /patients	Planning /development/administrative duties	Management/supervisory duties	Ecclesiastical work	Consulting/training	Legal work	Marketing/sales	Other	Education	Finances/financial administration	Artistic work	Office work	Research	Communications/media
Physical sciences	8	11	3	0	3	0	0	9	12	6	0	3	42	2
Geology	0	21	5	0	16	0	0	5	5	0	0	0	47	0
Chemistry	2	4	6	0	2	0	2	4	34	0	0	0	45	0
Geography	8	32	4	0	11	1	3	6	14	0	1	4	15	1
Mathematics	0	10	1	0	12	0	0	4	53	4	0	2	12	1
Computer science	3	41	12	0	17	0	0	8	5	0	0	3	9	2
Statistics	0	25	0	0	25	0	0	0	0	0	0	0	50	0
Faculty of Science	4	21	5	0	10	0.3	0.8	6	24	2	0.3	2	24	1
University of Helsinki	15	14	5	2	5	6	3	5	21	0.9	0.7	4	14	5

SALARY AT THE TIME OF RESPONDING, BY FIELD OF EDUCATION

	-2500	2500-2999	3000-3499	3500-3999	4000-4999	5000-
Physical sciences	2	9	28	11	35	15
Geology	0	13	53	13	20	0
Chemistry	7	15	32	29	12	5
Geography	6	9	38	20	19	9
Mathematics	3	11	32	10	32	13
Computer science	7	5	8	12	27	41
Statistics	0	0	17	25	58	0
Faculty of Science	4	10	29	15	26	16
University of Helsinki	8	17	24	18	19	15

OVERALL CAREER, BY YEAR OF GRADUATION

	Other	Pääasiassa työvoiman ulkopuolella: esim. opiskelua/ vanhempainvapaata valtaosan ajasta	Unemployment alternating with occasional temporary jobs, practical training and contract or freelance work	Working for several different employers or temporary jobs or assignments or working with a grant. Not many breaks	Changing employers or duties, with breaks, studies or periods of unemployment in between	Continuously working for the same employer or as an entrepreneur since graduation
2014	12	2	0.8	33	18	34
2013	7	5	0.8	39	12	36
2012	5	2	0.8	45	10	37
2011	2	0	2	48	12	36

OVERALL CAREER, BY FIELD OF EDUCATION

	Other	Pääasiassa työvoiman ulkopuolella: esim. opiskelua/ vanhempainvapaata valtaosan ajasta	Unemployment alternating with occasional temporary jobs, practical training and contract or freelance work	Working for several different employers or temporary jobs or assignments or working with a grant. Not many breaks	Changing employers or duties, with breaks, studies or periods of unemployment in between	Continuously working for the same employer or as an entrepreneur since graduation
Physical sciences	14	2	2	39	6	38
Geology	5	5	0	40	30	20
Chemistry	12	6	2	35	19	27
Geography	2	1	0	36	24	36
Mathematics	7	4	0	39	9	40
Computer science	8	2	2	45	6	38
Statistics	12	0	0	19	6	62
Faculty of Science	8	3	0.8	39	13	36
University of Helsinki	8	3	2	39	16	33

SHARE OF RESPONDENTS WHO HAVE EXPERIENCED UNEMPLOYMENT, BY FACULTY AND YEAR OF GRADUATION

	2003	2005	2007	2009	2011	2012	2013	2014
Biological and Environmental Sciences	41	30	38	32	51	50	51	54
Veterinary Medicine	6	7	15	14	17	43	15	23
Pharmacy	3	6	6	3	15	15	19	18
Arts	38	32	44	43	50	48	43	50
Educational Sciences	26	23	29	26	26	30	20	22
Medicine	6	8	8	10	14	14	11	13
Agriculture and Forestry	26	28	41	42	40	34	34	40
Science	22	30	23	26	38	36	41	38
Law	31	27	30	29	13	19	33	27
Theology	34	35	39	44	33	37	43	55
Social Sciences	27	27	27	40	36	34	35	36
University of Helsinki	25	25	29	29	33	34	33	36

SHARE OF ENTREPRENEURS/FREELANCERS, BY FACULTY AND YEAR OF GRADUATION

	2003	2005	2007	2009	2011	2012	2013	2014
Biological and Environmental Sciences	9	11	7	7	26	14	21	12
Veterinary Medicine	56	69	52	56	71	90	75	73
Pharmacy	2	3	2	1	4	8	4	8
Arts	25	22	21	25	37	33	37	32
Educational Sciences	8	9	8	8	15	11	15	11
Medicine	28	25	28	27	24	21	20	23
Agriculture and Forestry	19	15	19	8	15	22	23	24
Science	7	8	10	12	19	14	11	18
Law	12	8	6	8	19	15	21	12
Theology	8	11	9	7	12	23	19	25
Social Sciences	19	9	10	11	25	22	23	21
University of Helsinki	16	14	13	15	23	21	23	22

SHARE OF RESPONDENTS WHO HAVE PURSUED POSTGRADUATE RESEARCH STUDIES, BY FACULTY AND YEAR OF GRADUATION

	2003	2005	2007	2009	2011	2012	2013	2014
Biological and Environmental Sciences	48	62	43	41	18	32	36	31
Veterinary Medicine	12	33	15	22	24	14	18	15
Pharmacy	13	16	9	16	11	10	11	11
Arts	19	17	14	16	19	14	18	16
Educational Sciences	13	14	9	10	11	11	6	7
Medicine	34	31	24	35	21	16	18	20
Agriculture and Forestry	20	19	16	22	24	17	16	14
Science	28	27	23	26	29	21	27	16
Law	14	12	8	11	10	9	9	10
Theology	16	15	14	21	13	12	9	12
Social Sciences	25	17	17	26	15	15	13	10
University of Helsinki	21	21	16	20	18	15	16	14

SHARE OF RESPONDENTS WHO HAVE PURSUED STUDIES WITH THE AIM OF COMPLETING ANOTHER HIGHER EDUCATION DEGREE, BY FACULTY AND YEAR OF GRADUATION

	2003	2005	2007	2009	2011	2012	2013	2014
Biological and Environmental Sciences	14	12	14	14	8	18	14	20
Veterinary Medicine	0	10	8	9	0	0	7	0
Pharmacy	25	21	22	27	13	11	17	8
Arts	12	12	14	19	12	11	10	11
Educational Sciences	17	14	12	17	9	7	11	12
Medicine	5	6	5	11	0	3	4	6
Agriculture and Forestry	16	14	8	10	9	13	13	6
Science	13	8	9	12	8	8	13	10
Law	12	16	16	22	13	10	11	10
Theology	13	8	13	16	12	11	11	18
Social Sciences	12	9	8	15	11	8	13	13
University of Helsinki	14	12	12	17	10	9	11	11

THE REQUIREMENTS OF MY CURRENT JOB CORRESPOND WELL WITH MY ACADEMIC QUALIFICATIONS, BY FIELD OF EDUCATION

	Fully disagree	Disagree	Slightly disagree	Slightly agree	Agree	Fully agree
Physical sciences	5	2	5	12	28	48
Geology	10	5	5	30	40	10
Chemistry	0	10	10	15	44	21
Geography	6	11	9	14	31	29
Mathematics	3	3	3	20	42	28
Computer science	2	8	5	16	45	25
Statistics	0	6	6	31	31	25
Faculty of Science	4	6	6	17	38	29
University of Helsinki	4	6	7	17	35	31

THE SKILLS AND KNOWLEDGE I LEARNED AT UNIVERSITY CAN BE APPLIED WELL IN MY CURRENT JOB, BY FIELD OF EDUCATION

	Fully disagree	Disagree	Slightly disagree	Slightly agree	Agree	Fully agree
Physical sciences	3	5	5	17	34	36
Geology	5	5	5	30	50	5
Chemistry	0	2	8	31	33	25
Geography	0	11	11	25	31	21
Mathematics	1	7	5	25	42	20
Computer science	0	2	5	17	54	23
Statistics	0	6	0	31	44	19
Faculty of Science	1	6	7	24	40	23
University of Helsinki	3	5	8	25	36	23

THE STUDIES EQUIPPED ME SUFFICIENTLY FOR WORKING LIFE, BY FIELD OF EDUCATION

	Fully disagree	Disagree	Slightly disagree	Slightly agree	Agree	Fully agree
Physical sciences	2	14	17	29	34	5
Geology	5	15	20	30	30	0
Chemistry	4	15	19	23	38	0
Geography	4	7	26	40	21	2
Mathematics	3	9	19	34	31	4
Computer science	0	8	9	34	40	9
Statistics	0	6	6	44	44	0
Faculty of Science	3	10	18	33	32	4
University of Helsinki	4	12	20	33	26	6

I WOULD RECOMMEND MY STUDIES TO OTHERS, BY FIELD OF EDUCATION

	Fully disagree	Disagree	Slightly disagree	Slightly agree	Agree	Fully agree
Physical sciences	0	5	3	26	40	26
Geology	0	10	10	15	60	5
Chemistry	6	2	15	29	44	4
Geography	0	11	10	33	36	10
Mathematics	1	0	4	15	51	29
Computer science	0	2	3	9	45	42
Statistics	0	0	6	19	38	38
Faculty of Science	1	4	7	22	44	22
University of Helsinki	2	5	11	23	37	22

EMPLOYERS VALUE MY DEGREE, BY FIELD OF EDUCATION

	Fully disagree	Disagree	Slightly disagree	Slightly agree	Agree	Fully agree
Physical sciences	3	2	3	17	43	32
Geology	0	11	5	21	53	11
Chemistry	2	4	8	24	42	20
Geography	1	8	11	27	41	13
Mathematics	0	2	3	12	35	48
Computer science	2	3	3	22	35	35
Statistics	0	0	0	19	62	19
Faculty of Science	1	4	6	20	40	30
University of Helsinki	2	4	6	19	37	31

HOW SATISFIED ARE YOU OVERALL WITH THE DEGREE YOU COMPLETED IN XXXX IN TERMS OF YOUR CAREER, BY FIELD OF EDUCATION

	Very dissatisfied	Dissatisfied	Slightly dissatisfied	Slightly satisfied	Satisfied	Very satisfied
Geography	1	7	15	33	38	5
Chemistry	4	8	8	35	40	6
Geology	0	10	5	35	50	0
Mathematics	1	2	6	14	49	28
Statistics	0	0	6	19	62	12
Computer science	0	3	3	12	52	29
Physical sciences	2	2	3	34	40	20
Faculty of Science	1	4	7	25	45	17
University of Helsinki	2	6	10	27	39	17

HOW SATISFIED ARE YOU OVERALL WITH THE DEGREE YOU COMPLETED IN XXXX IN TERMS OF YOUR CAREER, SHARE OF SATISFIED RESPONDENTS BY FACULTY AND YEAR OF GRADUATION

	2003	2005	2007	2009	2011	2012	2013	2014
Biological and Environmental Sciences	67	67	77	66	63	68	67	73
Veterinary Medicine	97	93	96	84	81	90	96	100
Pharmacy	92	96	87	93	89	92	91	89
Arts	74	79	73	73	78	73	74	73
Educational Sciences	84	85	89	86	88	87	82	90
Medicine	93	91	95	97	98	94	95	91
Agriculture and Forestry	72	79	79	80	79	85	76	81
Science	84	87	84	83	87	86	85	89
Law	92	92	96	92	93	91	97	91
Theology	89	84	78	65	78	78	71	78
Social Sciences	83	83	84	75	83	82	80	83
University of Helsinki	83	85	84	82	84	83	81	83

FACTORS AFFECTING EMPLOYMENT, 2014 GRADUATES

	Not applicable	Not important at all	Only slightly important	Somewhat important	Moderately important	Important	Very important
Activity and profiling in social media	10	39	29	11	8	2	2
Practical training	19	19	12	13	8	19	9
Oganisational work hobbies	18	31	22	12	7	7	3
International experience	38	14	9	11	12	8	8
Contacts networks	4	9	19	17	18	17	16
Ability to tell people about your skills	0	2	4	12	17	32	33
Other	72	11	1	4	3	3	7
Other work experience	3	10	12	12	18	21	23
Other studies training	15	22	19	10	5	14	14
Combination of subjects in your degree	0	4	10	12	14	34	25