"EVALUATION OF UNIVERSITY EXPERIENCE"

STATISTICAL RESULTS FOR THE
MASTER OF SCIENCE DIRECTOR

Data Science and Business Analytics

a.y. 2019-2020

Survey period: July 2020 - July 2021

N. of completed questionnaires: 42

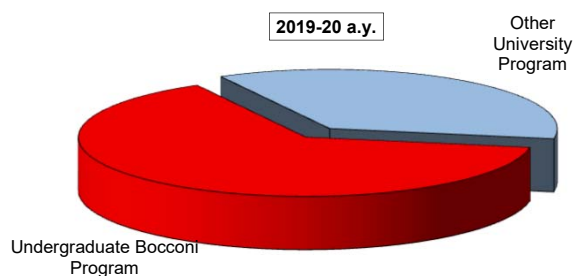N. of graduate students: 45

Response rate: 93,3%

EVALUATION OF UNIVERSITY EXPERIENCE
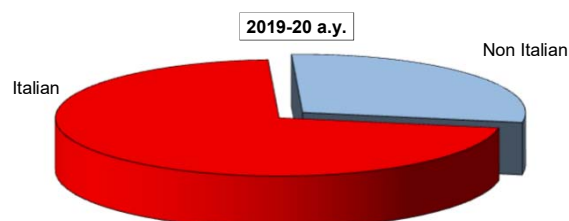## Data Science and Business Analytics

General information

Undergraduate Career

Answers	a.v.	% 2019-20
Undergraduate Bocconi Program	27	64,3
Other University Program	15	35,7
Total	**42**	**100,0**
NA	0	

2019-20 a.y.

Nationality

Answers	a.v.	% 2019-20
Italian	30	71,4%
Non Italian	12	28,6%
Total	**42**	**100%**
NA	0	

2019-20 a.y.

Average mark of the exams passed:
(approximate average expressed in 30/30)

Answers	a.v.	%
18	0	0,0%
19	0	0,0%
20	0	0,0%
21	0	0,0%
22	0	0,0%
23	0	0,0%
24	3	7,1%
25	2	4,8%
26	7	16,7%
27	6	14,3%
28	11	26,2%
29	8	19,0%
30	5	11,9%
Total	**42**	**100%**
NA	0	

	< 23	23 - 25	26 - 27	> 27
%	0,0%	11,9%	31,0%	57,1%
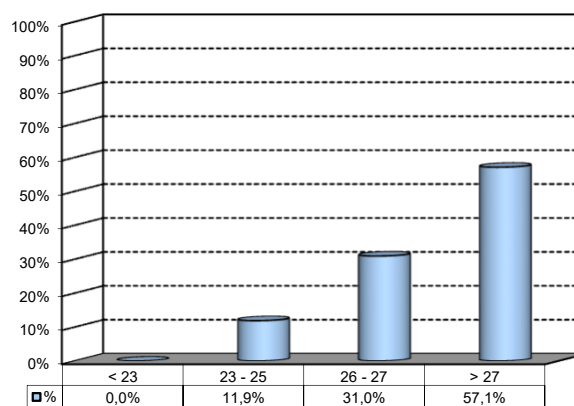
How many of the courses included in your curriculum did you attend regularly?

Answers	a.v.	% 2019-20
A - More than 75%	31	73,8
B - Between 50 and 75%	7	16,7
C - Between 25 and 50%	0	0,0
D - Less thanl 25%	4	9,5
Total	**42**	**100,0**
NA	0	

2019-20 a.y.
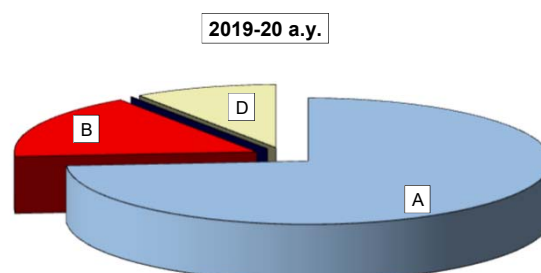
Study Experience

1) On the whole, do you think that the MSc program you attended at Bocconi enabled in-depth study of topics in both a theoretical and a practical sense?

Answers	Italian		Non Italian		Total	
	a.v.	%	a.v.	%	a.v.	%
A - Definitely YES	6	20,0%	11	91,7%	17	40,5%
B - More YES than NO	21	70,0%	0	0,0%	21	50,0%
C - More NO than YES	3	10,0%	0	0,0%	3	7,1%
D - Definitely NO	0	0,0%	1	8,3%	1	2,4%
Total	**30**	**100%**	**12**	**100%**	**42**	**100%**
NA	0		0			

DSBA

	Positive Answ.	Negative Answ.
■%	90,5%	9,5%

Comparison with the overall School data

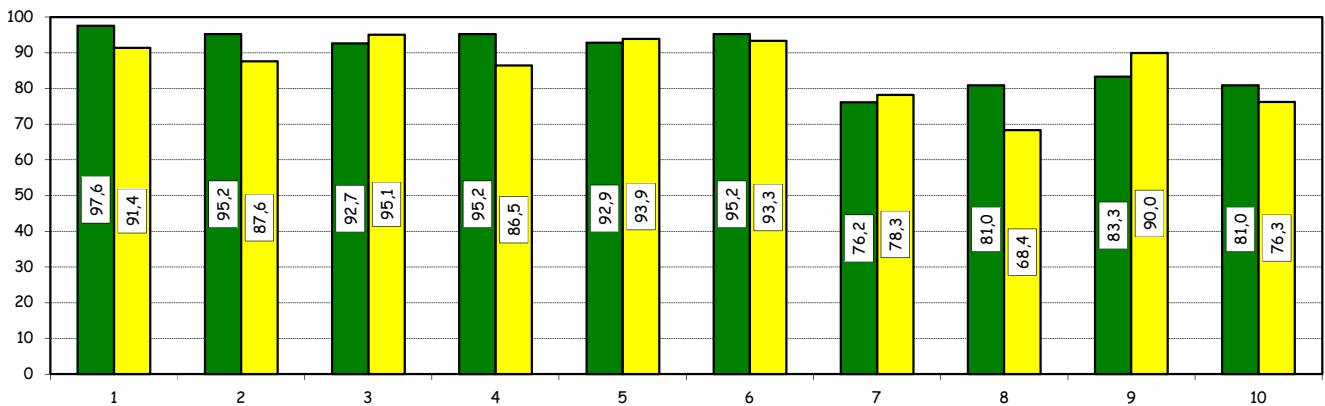|	Positive Answ.	Negative Answ.
▨ DSBA	90,5%	9,5%
▨ Grad. School	90,6%	9,4%
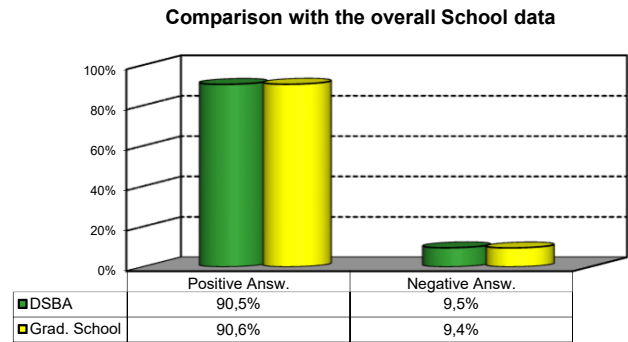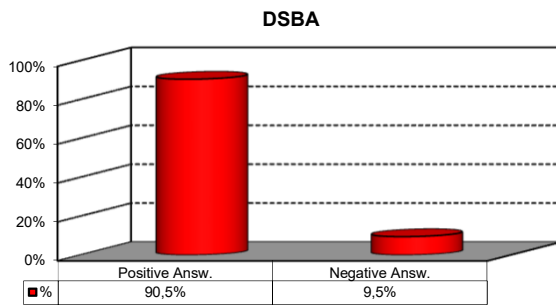
Study Experience

2) Do you think that your course of study at Bocconi has contributed to the development of the following skills?

Soft Skill	Definitely YES a.v.	Definitely YES %	More YES than NO a.v.	More YES than NO %	More NO than YES a.v.	More NO than YES %	Definitely NO a.v.	Definitely NO %	Total a.v.	Total %	n.a. a.v.
1 Ability to work in team	25	59,5	16	38,1	1	2,4	0	0,0	**42**	**100,0**	0
2 Interpersonal skills	19	45,2	21	50,0	2	4,8	0	0,0	**42**	**100,0**	0
3 Organizational skills	21	51,2	17	41,5	3	7,3	0	0,0	**41**	**100,0**	1
4 Critical thinking skills	25	59,5	15	35,7	2	4,8	0	0,0	**42**	**100,0**	0
5 Ability to analyze and select information	29	69,0	10	23,8	3	7,1	0	0,0	**42**	**100,0**	0
6 Problem-solving ability	27	64,3	13	31,0	2	4,8	0	0,0	**42**	**100,0**	0
7 Written communication skills	14	33,3	18	42,9	9	21,4	1	2,4	**42**	**100,0**	0
8 Verbal communication skills	16	38,1	18	42,9	7	16,7	1	2,4	**42**	**100,0**	0
9 Ability to cope with stress	22	52,4	13	31,0	6	14,3	1	2,4	**42**	**100,0**	0
10 Entrepreneurial spirit	18	42,9	16	38,1	7	16,7	1	2,4	**42**	**100,0**	0

Positive answers (%):
comparison with the overall School data

■ DSBA □ Grad. School

Positive answers (%):
comparison based on nationality of student

□ Italian □ Non Italian
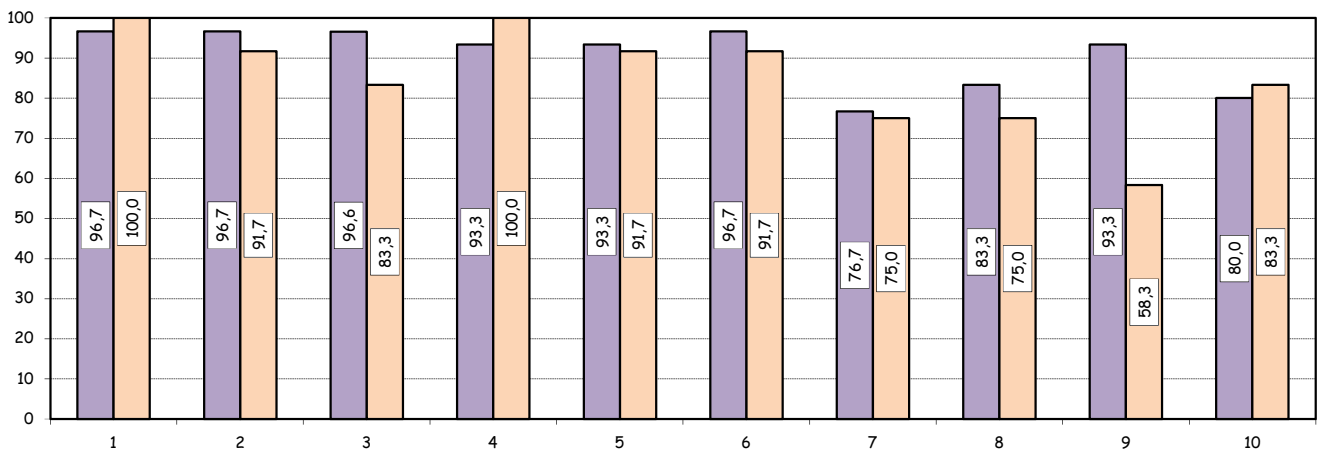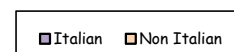
Study Experience

3) Do you think that teaching activities in the MSc program were structured in an active manner (frequent use of teamwork, case studies, assignments, etc.)?

Anwers	a.v.	%
A - Definitely YES	20	47,6%
B - More YES than NO	19	45,2%
C - More NO than YES	3	7,1%
D - Definitely NO	0	0,0%
Total	42	100%
NA	0	

	Positive Answ.	Negative Answ.
%	92,9%	7,1%
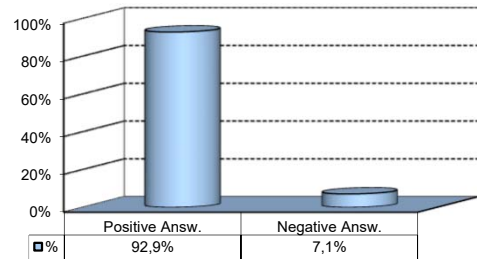
4) Do you think that the courses in your curriculum were adequately coordinated with each other?

Anwers	a.v.	%
A - Definitely YES	10	23,8%
B - More YES than NO	13	31,0%
C - More NO than YES	14	33,3%
D - Definitely NO	5	11,9%
Total	42	100%
NA	0	

	Positive Answ.	Negative Answ.
%	54,8%	45,2%
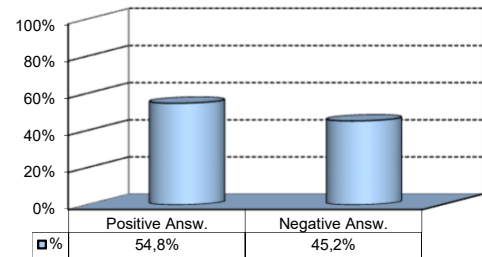
5) During the MSc program, did you notice any unnecessary overlaps or repetitions of subjects and content with what you studied during your undergraduate program?

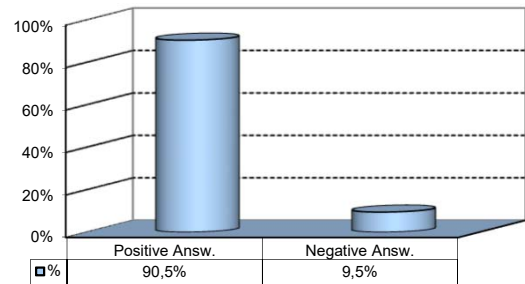| Anwers	a.v.	%
A-Very often	1	3,0%
B-Often	4	12,1%
C-Hardly ever	17	51,5%
D-Never	11	33,3%
Total	33	100%
NA	9	

	A+B	C+D
%	15,2%	84,8%
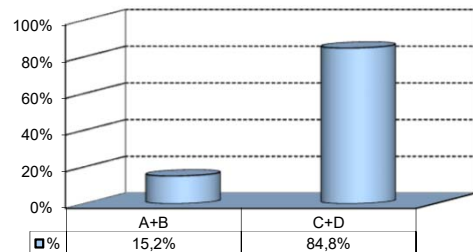
Please select the course or courses in the MSc program in which you encountered overlaps or unnecessary repetitions
(multiple answers admitted)

Course	a.v.	%
MACHINE LEARNING	4	30,8%
COMPUTER PROGRAMMING AND DATABASE SYSTEMS	3	23,1%
Other	6	46,2%
TOTAL	13	100,0%

6) Do you think that the overall study load was compatible with the length of the program?

Anwers	a.v.	%
A - Definitely YES	15	35,7%
B - More YES than NO	23	54,8%
C - More NO than YES	3	7,1%
D - Definitely NO	1	2,4%
Total	**42**	**100%**
NA	0	

	Positive Answ.	Negative Answ.
%	90,5%	9,5%

7) Was the coordination of the study program appropriately managed by the Program Director?

Anwers	a.v.	%
A - Definitely YES	10	23,8%
B - More YES than NO	15	35,7%
C - More NO than YES	12	28,6%
D - Definitely NO	5	11,9%
Total	**42**	**100%**
NA	0	

	Positive Answ.	Negative Answ.
%	59,5%	40,5%
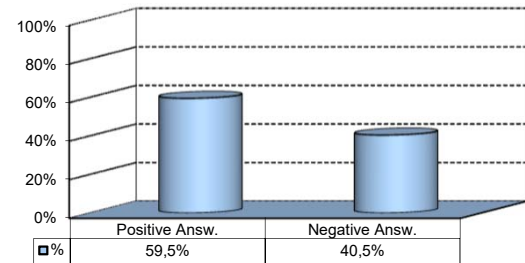
8) On the whole, were the classroom climate and relationships with your classmates positive and able to enrich your personal experience?

Anwers	a.v.	%
A - Definitely YES	23	54,8%
B - More YES than NO	13	31,0%
C - More NO than YES	5	11,9%
D - Definitely NO	1	2,4%
Total	**42**	**100%**
NA	0	

|	Positive Answ.	Negative Answ.
%	85,7%	14,3%
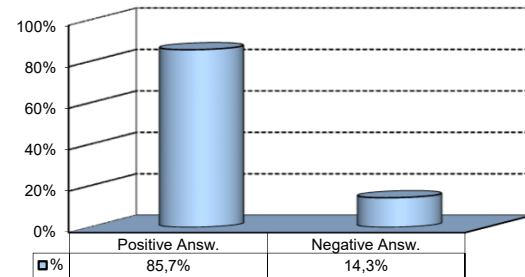
Extracurricular Activities

1) Which of the following extracurricular activities did you attend during your study program?

(multiple answers admitted)

Anwers	a.v.	%
A - Interdisciplinary courses ("Sapere a tutto campo")	6	9,8%
B - Counseling and Self-Empowerment courses CSE)	5	8,2%
C - Cultural Activities (visit museums, concerts, theatre and cinema, various issues)	10	16,4%
D - Sport activities	7	11,5%
E - Other Campus Life activities	6	9,8%
F - Courses offered by ITEC	6	9,8%
G - Courses offered by Language Center	3	4,9%
H - None	18	29,5%
Total	**61**	**100%**
NA	0	

	A	B	C	D	E	F	G	H
%	9,8%	8,2%	16,4%	11,5%	9,8%	9,8%	4,9%	29,5%
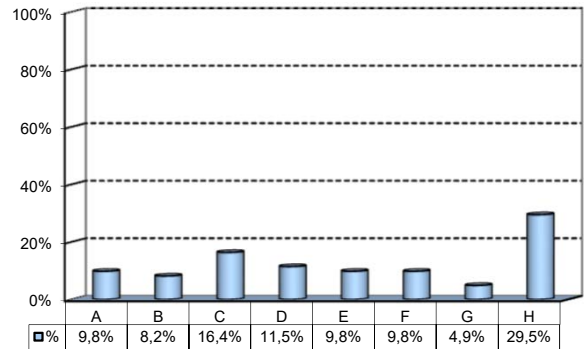
2) Do you think that the activities you took part in contributed to your cultural/educational enrichment?

	Definitely YES		More YES than NO		More NO than YES		Definitely NO		Total		NA
	a.v.	%	a.v.	%	a.v.	%	a.v.	%	a.v.	%	a.v.
A - Interdisciplinary courses (Sapere a tutto campo)	5	83,3	1	16,7	0	0,0	0	0,0	6	**100,0**	0
B - Counseling and Self-Empowerment courses (CSE)	2	40,0	3	60,0	0	0,0	0	0,0	5	**100,0**	0
C - Cultural Activities	7	70,0	3	30,0	0	0,0	0	0,0	10	**100,0**	0
D - Sport activities	3	42,9	4	57,1	0	0,0	0	0,0	7	**100,0**	0
E - Other Campus Life activities	4	66,7	2	33,3	0	0,0	0	0,0	6	**100,0**	0
F - Courses offered by ITEC	2	33,3	4	66,7	0	0,0	0	0,0	6	**100,0**	0
G - Courses offered by Language Center	1	33,3	2	66,7	0	0,0	0	0,0	3	**100,0**	0

Positive answers (%):
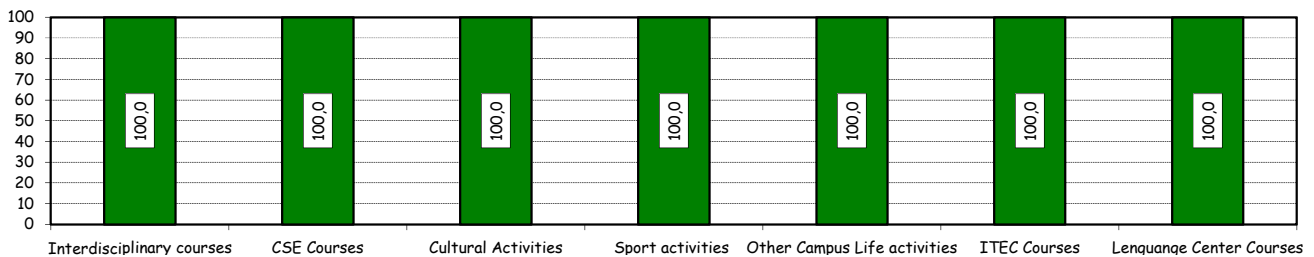
How would you evaluate:

|	Negative				Positive				Total		NA
Answers	1-2		3-4-5		6-7-8		9-10		Total		NA
Item	a.v.	%	a.v.	%	a.v.	%	a.v.	%	a.v.	%	
3a) The range and interest of programmes offered	0	**0,0**	1	**4,8**	6	**28,6**	14	**66,7**	21	**100,0**	3
3b) The support you received from the Campus Life Office	0	**0,0**	1	**4,8**	9	**42,9**	11	**52,4**	21	**100,0**	3

Comparison of average values
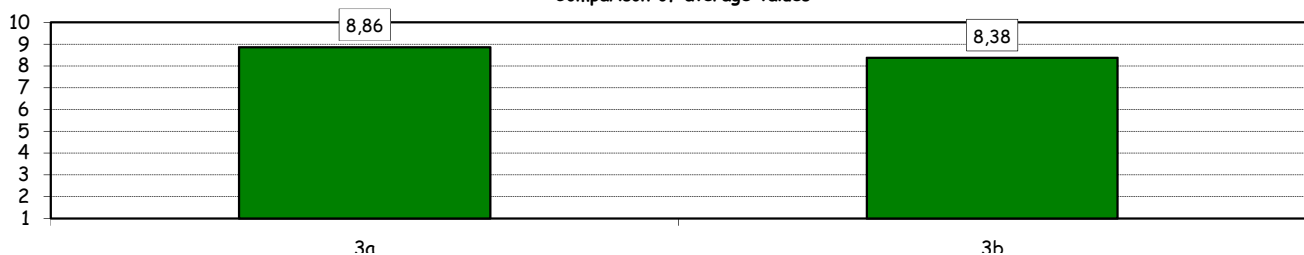
Degree Thesis

**1) Do you think that the supervision and the assistance for preparing for your thesis were appropriate?**

Anwers	a.v.	%
A - Definitely YES	21	51,2%
B - More YES than NO	16	39,0%
C - More NO than YES	3	7,3%
D - Definitely NO	1	2,4%
Total	**41**	**100%**
NA	1	

|	Positive Answ.	Negative Answ.
%	90,2%	9,8%
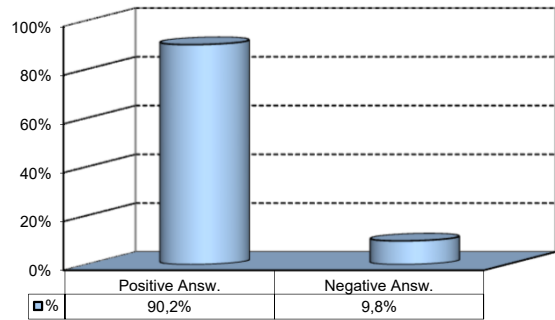
2) Do you think that the facilities provided by the University (library, computer labs) adequately supported preparation for your thesis?

Anwers	a.v.	%
A - Definitely YES	20	48,8%
B - More YES than NO	12	29,3%
C - More NO than YES	7	17,1%
D - Definitely NO	2	4,9%
Total	**41**	**100%**
NA	1	

	Positive Answ.	Negative Answ.
%	78,0%	22,0%
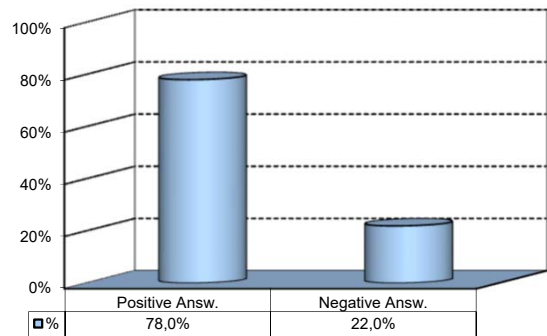
3) Do you think that your thesis was a useful experience for completing your education and a way to verify your planning and writing skills?

Anwers	a.v.	%
A - Definitely YES	22	52,4%
B - More YES than NO	14	33,3%
C - More NO than YES	4	9,5%
D - Definitely NO	2	4,8%
Total	**42**	**100%**
NA	0	

	Positive Answ.	Negative Answ.
%	85,7%	14,3%
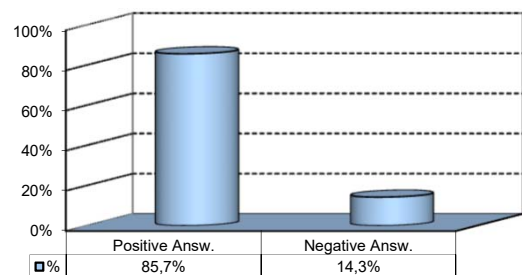
Experience Of Studying Abroad

1) Please select the program you participated in:

Answers	a.v.	% 2019-20
A - Exchange	5	11,9
B - CEMS-MIM	0	0,0
C- Double Degree	0	0,0
D - Free-Mover	0	0,0
E- None	37	88,1
Total	**42**	**100,0**
NA	0	

2018-19 a.y.

How would you evaluate:

(only A, B, C or E answers to item no.1)

Item	Negative 1-2 a.v.	%	3-4-5 a.v.	%	6-7-8 a.v.	%	Positive 9-10 a.v.	%	Total a.v.	%	N.A. a.v.
2a) Quality and completeness of information provided through: 'International Week', emails, brochures, International Relations Service web page.	0	0,0	1	20,0	2	40,0	2	40,0	5	100,0	0
2b) The range and interest of programs offered.	0	0,0	0	0,0	2	40,0	3	60,0	5	100,0	0
2c) The convenience of the study abroad desk's opening hours.	0	0,0	0	0,0	3	60,0	2	40,0	5	100,0	0
2d) The support you received from Bocconi International Relations.	0	0,0	2	40,0	1	20,0	2	40,0	5	100,0	0

Over time comparison

3) Would you positively evaluate this experience?

Answers	v.a.	%
A - Definitely YES	4	80,0%
B - More YES than NO	1	20,0%
C - More NO than YES	0	0,0%
D - Definitely NO	0	0,0%
Total	**5**	**100%**
NA	0	

	Positive Answ.	Negative Answ.
■ %	100,0%	0,0%
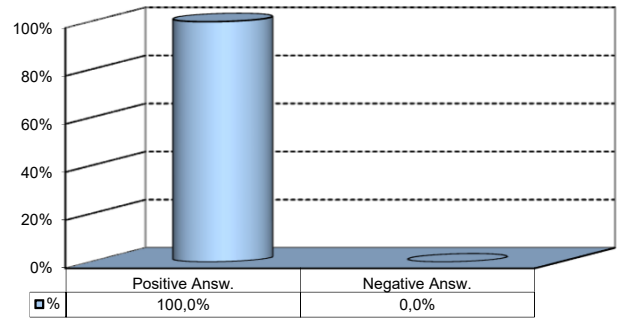
(In case of answer "E" to item no.1)

4) Please indicate why you did not attend a period of study abroad (select all relevant reasons):

Answers	a.v.	%
A-Lack of interest in this kind of experience	7	18,9%
B-Absence of the requirements needed for participation in the program selected	3	8,1%
C-Rejection of your application	0	0,0%
D-Lack of time during the period of study	6	16,2%
E-Other (personal, family, organizational reasons, etc.)	21	56,8%
Total	**37**	**100%**
NA	0	

|	A	B	C	D	E
■ %	18,9%	8,1%	0,0%	16,2%	56,8%
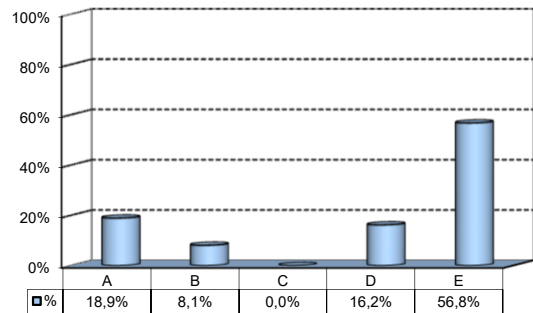
Internship Activities

1)Which activity recognized in your curriculum did you complete during the MSc program?

Answers	a.v.	% 2019-20
A - Internship	37	97,4
B - Other job experience (with any contract different from Internship)	0	0,0
C - Field Project	1	2,6
D - None	0	0,0
Total	**38**	**100,0**
NA	4	

2) How did you find the internship?

Answers	a.v.	%
A - Through the University's Placement Services*	10	27,0%
B - Through the faculty members of the degree program	3	8,1%
C - Through autonomous way then recognized by the degree program	24	64,9%
Total	**37**	**100,0%**
NA	0	

	A	B	C
%	27,0%	8,1%	64,9%
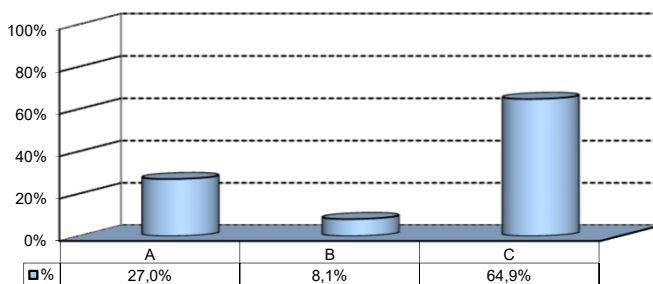
3) Where did you complete the internship recognized by the Bachelor program?

Answers	a.v.	% 2019-20
In Italy	26	70,3%
Abroad	11	29,7%
Total	**37**	**100%**
NA	0	
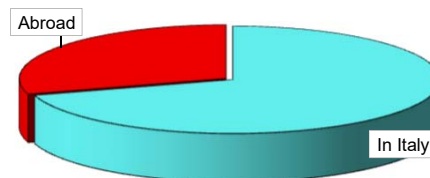
*JobGate, Internship Programs, meetings and company presentations, Bocconi&Jobs, Placement Library services, websites in the Lavoro.net section

Internship Activities

How would you evaluate:

(in case of answer A to item n.2)

Item	Negative				Positive				Total		N.A.
Answers	1-2		3-4-5		6-7-8		9-10				
	a.v.	%	a.v.	%	a.v.	%	a.v.	%	a.v.	%	a.v.
4a) The convenience of the internship front desk's opening hours.	0	0,0	0	0,0	4	**44,4**	5	**55,6**	9	100,0	1
4b) The number and variety of opportunities offered.	0	0,0	1	10,0	4	**40,0**	5	**50,0**	10	100,0	0
4c) The support you received from the Internship Office.	0	0,0	0	0,0	1	**11,1**	8	**88,9**	9	100,0	1

Comparison of average values
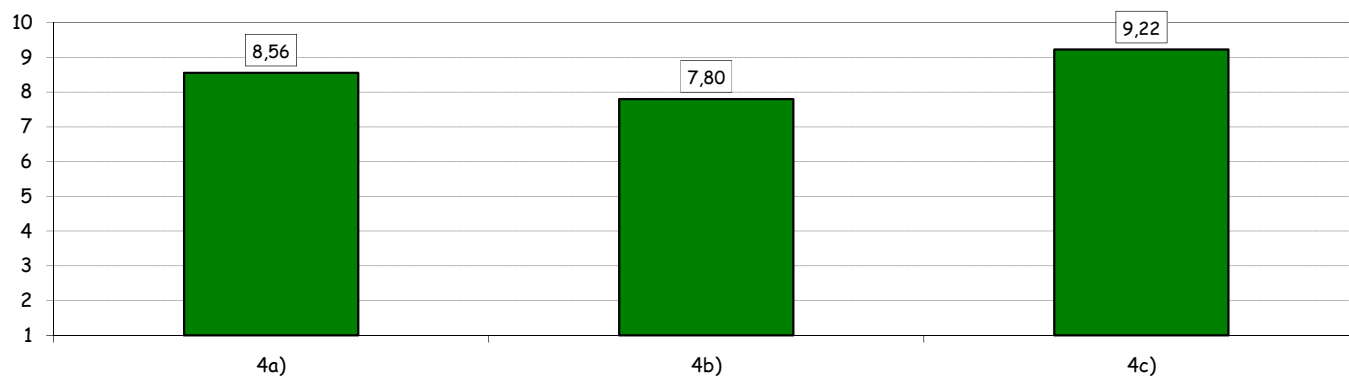
5) Would you positively evaluate this experience?

Answers	a.v.	%
A - Definitely YES	25	67,6%
B - More YES than NO	7	18,9%
C - More NO than YES	4	10,8%
D - Definitely NO	1	2,7%
Total	**37**	**100%**
NA	5	

	Positive Answ.	Negative Answ.
%	86,5%	13,5%
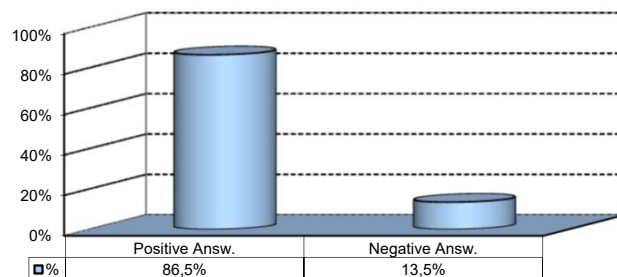
6) Do you think that the qualifications you acquired while attending the MSc program were appropriate to perform this activity?

Answers	a.v.	%
A - Definitely YES	21	53,8%
B - More YES than NO	16	41,0%
C - More NO than YES	1	2,6%
D - Definitely NO	1	2,6%
Total	**39**	**100%**
NA	3	

	Positive Answ.	Negative Answ.
%	94,9%	5,1%
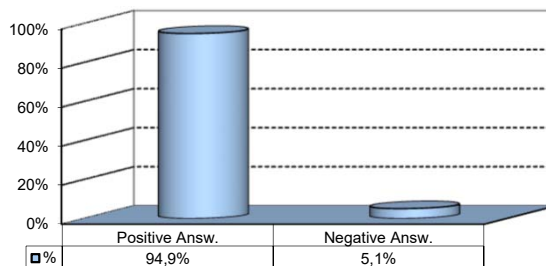
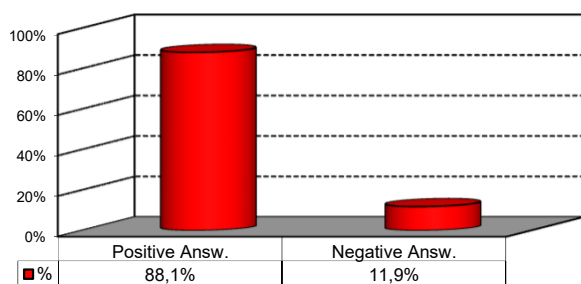# General satisfaction and short-term plans

1) Are you satisfied overall with the study program you attended?

Answers	Italian		Non Italian		Total	
	a.v.	%	a.v.	%	a.v.	%
A - Definitely YES	13	43,3%	5	41,7%	18	42,9%
B - More YES than NO	13	43,3%	6	50,0%	19	45,2%
C - More NO than YES	4	13,3%	1	8,3%	5	11,9%
D - Definitely NO	0	0,0%	0	0,0%	0	0,0%
Total	30	100%	12	100%	42	100%
NA	0		0		0	

DSBA

	Positive Answ.	Negative Answ.
%	88,1%	11,9%

Comparison with the overall School data

	Positive Answ.	Negative Answ.
DSBA	88,1%	11,9%
Grad. School	88,8%	11,2%
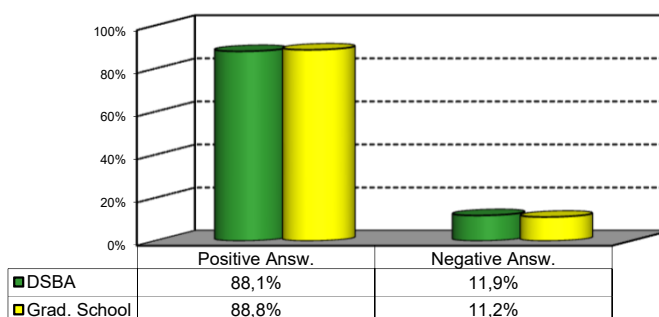
2a) If you could go back in time, would you enroll in the University again?

Answers	Italian		Non Italian		Total	
	v.a.	%	v.a.	%	v.a.	%
A-YES, in the same program at this University	23	79,3%	11	91,7%	34	82,9%
B-YES, in another program at this University	2	6,9%	0	0,0%	2	4,9%
C-YES, in the same program but at another University	2	6,9%	1	8,3%	3	7,3%
D-YES, in another program at another University	2	6,9%	0	0,0%	2	4,9%
E-NO, I would not enrol in university anymore	0	0,0%	0	0,0%	0	0,0%
Total	29	100%	12	100%	41	100%
NA	1		0		1	

DSBA

	A	B	C	D	E
%	82,9%	4,9%	7,3%	4,9%	0,0%

Comparison with the overall School data

	A	B	C	D	E
DSBA	82,9%	4,9%	7,3%	4,9%	0,0%
Grad. School	67,6%	18,9%	6,1%	6,7%	0,7%

(In case of answer "B" to item no.2a)

2b) Which program would you enroll at this University?

MSc	a.v.	%
ACME	0	0,0%
AFC	0	0,0%
FIN	0	0,0%
CLELI	0	0,0%
ESS	0	0,0%
EMIT	0	0,0%
GIO	0	0,0%
IM	1	100,0%
M	0	0,0%
MM	0	0,0%
Total	1	100%
NA	1	

2c) Why would you make a different choice?

(In case of aswer "B", "C", "D" or "E" to item no.2a)

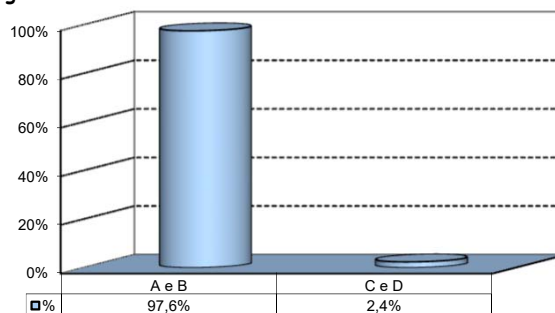| Answers	a.v.	% 2019-20
A - My interest has changed over time / I discovered that I have different attitudes	2	28,6%
B -The Bachelor program did not satisfy my expectations	4	57,1%
C - I would have preferred to attend a Bachelor program with a more generalist approach	0	0,0%
D -I would have preferred to attend a Bachelor program with a more specialist approach	0	0,0%
E - I would have preferred to attend the same Bachelor program but taught in English	0	0,0%
F - I have not been admitted to the program selected as first-choice	0	0,0%
G - The campus and its facilities and services were not up to my expectations	0	0,0%
H - Other reasons	1	14,3%
Total	7	100%
NA	0	

H- Other reasons:

Overall the course was a bit weak.

Infrastructure: Classrooms, Library And Facilities

1) What is your opinion about the classrooms where lessons and other teaching activities have been held?*

Answers	a.v.	%
A - Always or nearly always adequate	32	78,0%
B - Often adequate	8	19,5%
C - Rarely adequate	1	2,4%
D - Never adequate	0	0,0%
E - I did not use them	0	0,0%
Total	**41**	**100%**
NA	1	

	A e B	C e D
□%	97,6%	2,4%

2) How would you evaluate:

(In case of aswer "A", "B", "C" or "D" to item no.1)

	Negative				Positive				Total		NA	N.R.
Answers	1-2		3-4-5		6-7-8		9-10					
Item	a.v.	%	a.v.	%	a.v.	%	a.v.	%	a.v.	%		
a) The adequacy of the audio and multimedia systems (e.g. instructor's computer, projectors, video players) installed in the classrooms.	0	0,0	1	2,4	7	17,1	33	80,5	41	100,0		0
b) The cleanliness of classrooms and of other common areas on campus (corridors, halls, study rooms).	0	0,0	0	0,0	6	14,6	35	85,4	41	100,0		0
c) The adequacy of the amount of areas/seats reserved to individual study in the University Library.	3	7,5	5	12,5	18	45,0	14	35,0	40	100,0	1	0
d) The adequacy of the amount of areas/seats reserved to individual study in other buildings on campus.	4	10,3	3	7,7	17	43,6	15	38,5	39	100,0	1	1
e) The clarity and adequacy of the signage system on campus.	1	2,4	2	4,9	10	24,4	28	68,3	41	100,0		0

Comparison of average values
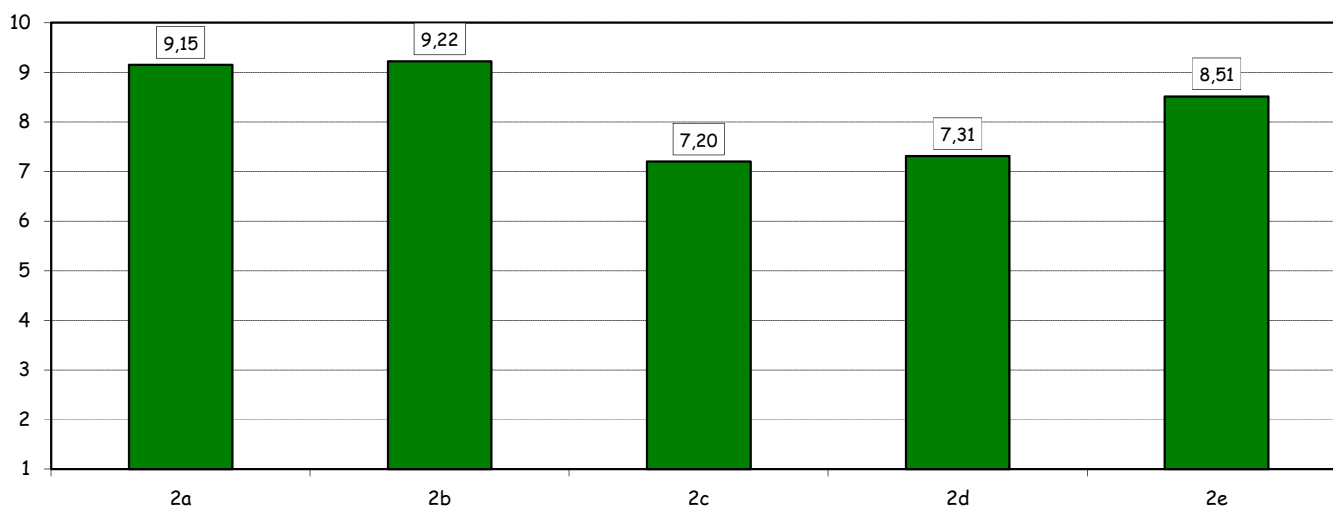
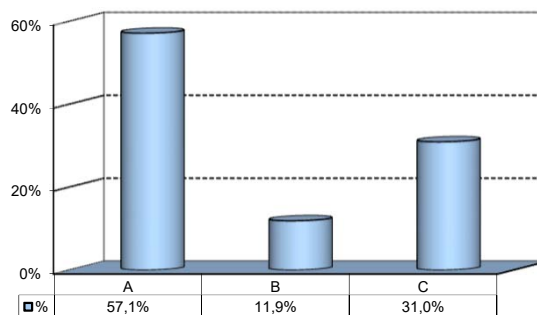| Item	Value
2a	9,15
2b	9,22
2c	7,20
2d	7,31
2e	8,51

(*): the percentage shown on the graphs is calculated by excluding the responses of those who declare that they have not used the service.

Infrastructure: Classrooms, Library And Facilities

3) What is your overall opinion on the PC Labs and IT facilities provided by the University?
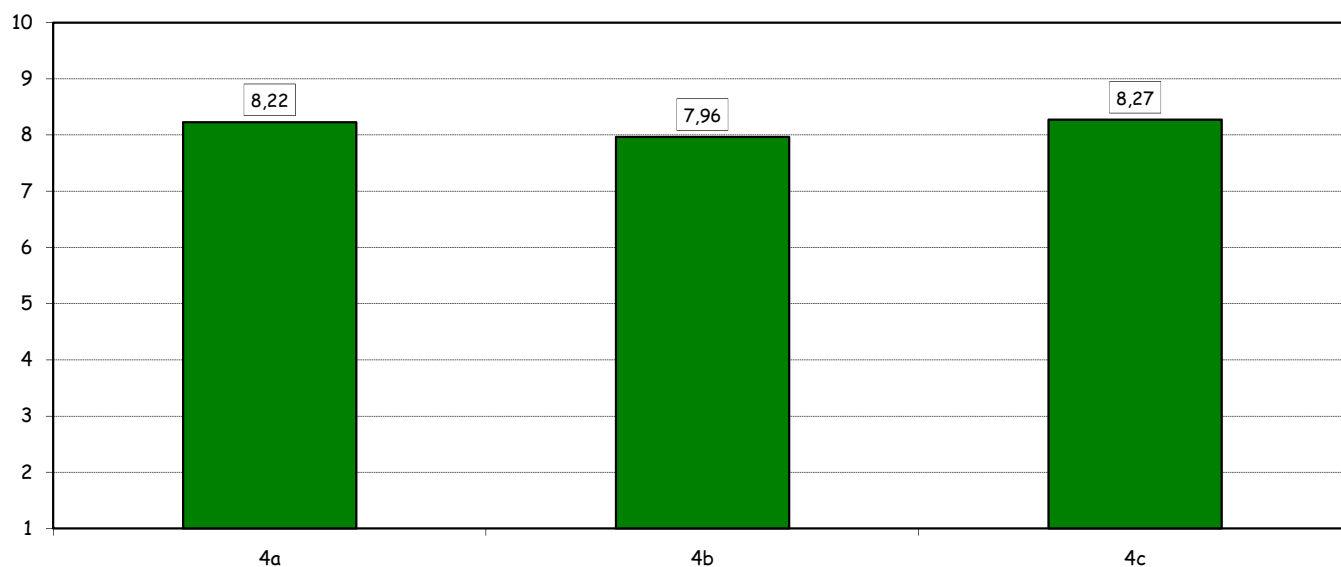
Answers	a.v.	%
A- Adequate in number	24	57,1%
B- Inadequate in number	5	11,9%
C- Never used	13	31,0%
Total	**42**	**100%**
NA	0	

	A	B	C
□%	57,1%	11,9%	31,0%

4) How do you evaluate:

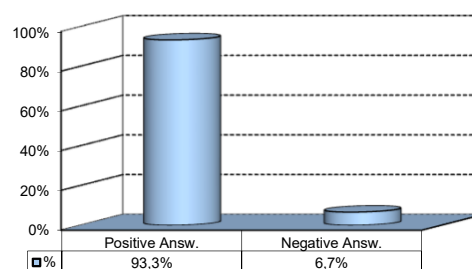|	Negative						Positive		Total		N.R.
Answers	1-2		3-4-5		6-7-8		9-10				
Item	a.v.	%	a.v.	%	a.v.	%	a.v.	%	a.v.	%	
a) The availability of technical staff supporting students (Tutors) in PC Labs.*	1	**3,7**	0	**0,0**	11	**40,7**	15	**55,6**	27	**100,0**	2
b) The convenience of the PC Labs' opening hours.*	1	**3,7**	1	**3,7**	13	**48,1**	12	**44,4**	27	**100,0**	2
c) The level of accessibility and usability of the University's IT services (Internet access points, Punto Blu, Virtual Punto Blu, wireless connection).	1	**2,4**	2	**4,9**	16	**39,0**	22	**53,7**	41	**100,0**	1

Comparison of average values

(*): Only in case of answer "A" or "B" to item no.3

Infrastructure: Classrooms, Library And Facilities

5) What is your overall opinion on the Library's services, such as support for individual study?*

Answers	a.v.	%
A - Very Positive	16	39,0%
B - Quite positive	12	29,3%
C - Quite negative	2	4,9%
D - Very Negative	0	0,0%
E - Never used	11	26,8%
Total	**41**	**100%**
NA	1	

	Positive Answ.	Negative Answ.
□%	93,3%	6,7%

6) How would you evaluate:

(In case of aswer "A", "B", "C" or "D" to item no. 5)

Answers / Item	Negative 1-2 a.v.	Negative 1-2 %	3-4-5 a.v.	3-4-5 %	6-7-8 a.v.	6-7-8 %	Positive 9-10 a.v.	Positive 9-10 %	Total a.v.	Total %	N.A. a.v.
a) The convenience of the Library's opening hours and access to its main services.	1	**3,4**	1	**3,4**	9	**31,0**	18	**62,1**	29	**100,0**	1
b) The range of collections available in the Library and the frequency they are updated (books, magazines, electronic resources, databases).	0	**0,0**	2	**7,1**	7	**25,0**	19	**67,9**	28	**100,0**	2
c) The speed of fulfillment of requests for documents provided by other Libraries.	0	**0,0**	2	**7,1**	7	**25,0**	19	**67,9**	28	**100,0**	2
d) The number of documents that may be borrowed and the duration of the loan period.	0	**0,0**	1	**3,6**	9	**32,1**	18	**64,3**	28	**100,0**	2
e) The assistance provided by the Library staff in bibliographic searches for specific topics and in the use of Library's print and electronic collections.	0	**0,0**	2	**7,7**	3	**11,5**	21	**80,8**	26	**100,0**	4
f) The efficiency and ease of use of the search tools provided (on and off campus).	0	**0,0**	2	**7,4**	5	**18,5**	20	**74,1**	27	**100,0**	3
g) The number of books and journals available on open shelves in the reading rooms.	0	**0,0**	2	**8,0**	8	**32,0**	15	**60,0**	25	**100,0**	5
h) The usefulness of workshops offered by the Library to understand how to use the resources available (catalogues, e-journals, databases, etc.).	0	**0,0**	2	**10,0**	7	**35,0**	11	**55,0**	20	**100,0**	10

Comparison of average values

6a	6b	6c	6d	6e	6f	6g	6h
8,48	8,71	8,64	8,64	8,92	8,81	8,56	8,40

(*): the percentage shown on the graphs is calculated by excluding the responses of those who declare that they have not used the service.