

## Appendices

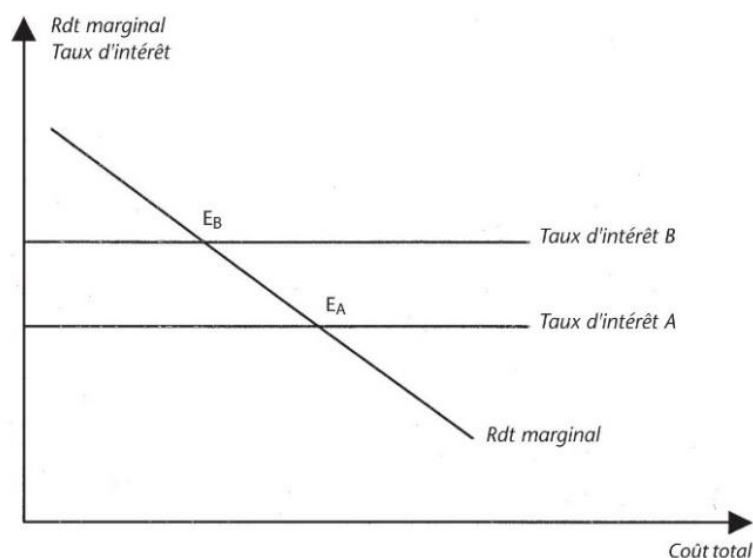
### Appendix 1: Tuition fees at the bachelor level



(Armstrong, 2021)

### Appendix 2: Inequality of opportunity

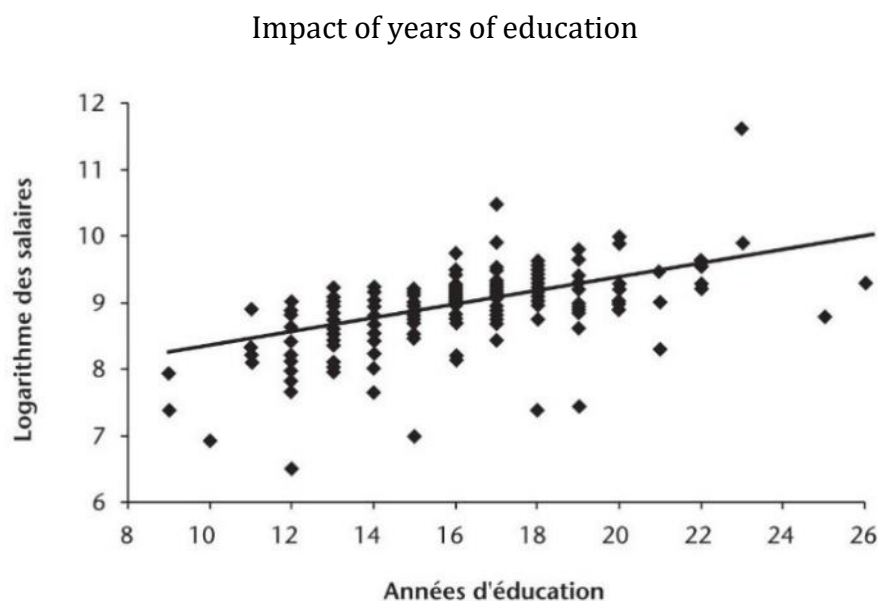
#### Inequality of opportunity



<https://www.cairn.info/economie-de-l-education--9782707140555-page-33.htm> - (Gurgand, 2005)

The inequality of wealth among different individuals can lead to inequality of opportunity. Person A, less affluent than individual B, will choose the higher education level EA because the return at this level is lower. Individual B must repay a high-interest loan and invest at level EB (Gurgand, 2005).

### Appendix 3: Impact of years of education on salary



<https://www.cairn.info/economie-de-l-education--9782707140555-page-53.htm> -  
(Gurgand, 2005)

In this graph, the more workers have studied for many years, the higher their salary will be. These figures come from France in 2002, which is developmentally equivalent to Belgium (Gurgand, 2005).

### Appendix 4: The educational level of parents of new entrants in the first year of university

	1997-1998		2001-2002		2008 - 2009	
	Boys	Girls	Boys	Girls	Boys	Girls
No parent with a higher education qualification	28,0%	31,3%	22,3%	26,0%	18,2%	22%
At least one parent with a qualification but no university graduate	27,7%	29,1%	25,9%	30,1%	30,6%	32%
At least one university-educated parent	44,3%	39,6%	51,8%	43,9%	51,2%	45,9%
Total	100%	100%	100%	100%	100%	100%

(Vermandele and al., 2010)

### Appendix 5: The distribution of students by the type of secondary education they followed

	1997-1998		2001-2002		2008-2009	
	Headcount	%	Headcount	%	Headcount	%
Belgian general secondary	7426	92,2%	7091	91,1%	8422	89,5%
Belgian technical or artistic secondary education	239	3,0%	245	3,1%	674	7,2%
Foreign secondary	345	4,3%	393	5,0%	302	3,2%
Other	44	0,5%	56	0,7%	8	0,1%
Total	8054	100%	7785	100%	9406	100%

(Vermandele and al., 2010)

### Appendix 6: Survey questions

(Asked in French but translated in English for this thesis)

Hello!

I am a Master 2 student at the Louvain School of Management. Here is a questionnaire for my dissertation about information **asymmetry between students and the university**. Information asymmetry is the fact that one of the two stakeholders is better informed than the others.

This will take you a **maximum of 5 minutes**. All information will, of course, remain **anonymous**.

Many **thanks!**

What is your gender? [Mandatory simple choice question]

- Female
- Male

How old are you? [Mandatory simple choice question in a drop-down menu]

- Under 15 years
- 16 years
- 17 years
- 18 years
- 19 years
- 20 years
- 21 years

- 22 years
- 23 years
- 24 years
- 25 years
- 26 years
- 27 years
- 28 years
- 29 years
- 30 years
- 31 years
- 32 years
- 33 years
- Over 33 years

What is your year of study? [Mandatory simple choice question]

- I am going to university soon.
- Bac 1
- Bac 2
- Bac 3
- Master 1
- Master 2
- I have evening classes.
- I finished my studies.
- Other: ...

What is your current or previous school if you have finished your studies? [Mandatory simple choice question]

- UCLouvain
- KUL
- Unamur
- ULB
- UGent
- High school
- Other: ...

What is/was your most important goal in starting your studies? Or why do you think it is worthwhile to study after high school? [Mandatory simple choice question]

- To obtain a diploma.
- For your personal development.
- For your career advancement.
- To increase your future professional income.
- Other: ...

Are you aware of the course specifications that teachers must follow to give their lessons? [Mandatory simple choice question]

- Yes, I have already read it; it was the same in class.
- Yes, I have already read it, which differs from the course.
- No, I have never read it.

If so, what do you think of the course specifications? Were you helped/interested/not helped at all? [Non-mandatory open question]

...

Have you ever heard of student course evaluations (questionnaires about the courses teachers give)? [Mandatory simple choice question]

- Yes, I have already filled in these questionnaires, and I find them useful.
- Yes, I have already filled in these questionnaires and find them useless.
- Yes, I have already filled in these questionnaires as they are compulsory.
- Yes, I have already filled in these questionnaires because they are compulsory and useless.
- No, I have not filled any out yet.

What do you think of the information e-mails we receive via the student e-mail address? [Mandatory simple choice question]

- I read them all, it is really interesting.
- I read every other one, depending on my mood.
- I only read the ones about the significant events on campus.
- I only read those related to courses.
- I only read the ones related to courses and significant events on campus.
- I try to read them all but cannot because I get too many.
- I do not read them.

Have you ever looked at the world university rankings before choosing your school? [Mandatory simple choice question]

- Yes, but I was not paying attention.
- Yes, it matters to me.
- No, it is not essential to me.

Have you already paid attention to the various labels that certify the quality of teaching (AEQUES, EQUIS, etc.)? [Mandatory simple choice question]

- Yes, I have even read their reports! It has been a great help.
- Yes, but no more than that. I have seen them in the press.
- No, not at all, what is it?

Have you noticed your establishment's reputation, whether through friends, family, or others? [Mandatory simple choice question]

- Yes, it was a great help.
- Yes, and that is why I chose my school.
- Yes, but it did not influence me.
- No, I chose this establishment without having heard of it.

Do you find higher education establishments (universities, high schools) transparent?  
[Mandatory simple choice question]

Transparency refers to a company's willingness to make its internal processes and decisions accessible.

- Yes, thanks to the delegates, etc.
- Yes, perhaps.
- No, not really.

Have you ever taken part in a university open course? [Mandatory simple choice question]

- Yes, it was very interesting.
- Yes, it did not do me much good.
- No, I have not tried.
- I did not know it existed.

Have you ever taken part in a study information day or fair? [Mandatory simple choice question]

- Yes, and it was a great help.
- Yes, and it was interesting.
- Yes, and it did not do me any good.
- No, but I would like to.
- No, it is useless.
- Other: ...

What do you think of social networking campaigns to inform you about the different courses available in higher education? [Mandatory simple choice question]

- Interesting stuff! It opens our eyes to new training opportunities.
- It bothers me.
- It bothers me because it is often linked to a political message.
- I do not pay attention.

Why did you choose to go to high school or university? [Mandatory multiple-choice question]

- I found a more suitable course at university.
- I have found a more suitable course at high schools.
- Universities have more explicit descriptions of studies.
- High schools have more explicit descriptions of studies.
- I did not give it a second thought! It was clear to me that I would study at university.
- I did not give it a second thought! It was clear to me that I would study at high school.
- I chose university because it is more theoretical.
- I chose high school because it is more practical.
- I chose university because it is a big audience (distance between teachers and students).
- I chose a high school because of the small class sizes (proximity between teachers and students).
- Other: ...

What criteria made you choose your university or high school? [Mandatory multiple-choice question]

- Study location (city atmosphere, c.).
- My studies only exist in this establishment.
- The university's reputation.
- The proximity of the place of study to my place of residence.
- Other: ...

Did your parents influence your choice of university or high school? [Mandatory simple choice question]

- Yes, they wanted me to go to university/high school.
- Yes, but I did not follow their choice.
- No, I was free to do what I wanted.

Many thanks for your reply! Have a nice day!

### Appendix 7: Frequencies of our data of UCLouvain students

Questions	Answers	Frequencies	Percentages
GENDER - What is your gender?	Female	319	49.9%
	Male	320	50.1%
Total		639	100%
AGE - How old are you?	Under 15 years	0	0%
	16 years to 20 years	217	34%
	21 years to 25 years	307	48%
	26 years to 30 years	68	10.6%
	31 years to 33 years	14	2.2%
	Over 33 years	33	5.2%
Total		639	100%
YEAR OF STUDY - What is your year of study?	I am going to university soon.	0	0%
	Bac 1	98	15.3%
	Bac 2	91	14.2%
	Bac 3	111	17.4%
	Master 1	127	19.9%
	Master 2	92	14.4%
	Doctorate	5	0.8%
	I have evening classes.	11	1.7%
	I finished my studies.	93	14.6%
	Other	11	1.7%
Total		639	100%
ESTABLISHMENT - What is your current or previous school if you have finished your studies?	UCLouvain	639	100%
Total		639	100%

AIM - What is/was your most important goal in starting your studies? Or why do you think it is worthwhile to study after high school?	To increase your future professional income	71	11.1%
	To obtain a diploma	274	42.9%
	For your professional advancement	172	26.9%
	For your personal development	95	14.9%
	Other	27	4.2%
Total		639	100%
COURSE SPECIFICATIONS - Are you aware of the course specifications teachers must follow to give their lessons?	Yes, I have already read it; it was the same in class.	154	24.1%
	Yes, I have already read it, and it differed from the course.	55	8.6%
	No, I have never read it.	430	67.3%
Total		639	100%
EVALUATIONS - Have you ever heard of student course evaluations (questionnaires about the courses teachers give)?	Yes, I have already filled in these questionnaires and find them helpful.	347	54,3%
	Yes, I have already filled in these questionnaires and found them useless.	122	19.1%
	Yes, I have already filled in these questionnaires as they are compulsory.	43	6.7%
	Yes, I have already filled in these questionnaires because they are compulsory and useless.	16	2.5%
	No, I have not filled any out yet.	111	17.4%

Total		639	100%
<p>EMAILS</p> <p>-</p> <p>What do you think of the information e-mails we receive via the student e-mail address?</p>	I read them all, it is really interesting.	93	14.6%
	I read every other one, depending on my mood.	78	12,2%
	I only read the ones about the significant events on campus.	35	5.5%
	I only read those related to courses.	179	28%
	I only read the ones related to courses and significant events on campus.	178	27.9%
	I try to read them all but cannot because I get too many.	58	9.1%
	I do not read them.	18	2.8%
Total		639	100%
<p>RANKINGS</p> <p>-</p> <p>Have you considered the world university rankings before choosing your school?</p>	Yes, but I was not paying attention.	194	30.4%
	Yes, it matters to me.	119	18.6%
	No, it is not essential to me.	326	51%
Total		639	100%
<p>LABELS</p> <p>-</p> <p>Have you already paid attention to the various labels that certify the quality of teaching (AEQUES, EQUIS, etc.)?</p>	Yes, I have even read their reports! It has been a great help.	5	0.8%
	Yes, but no more than that. I have seen them in the press.	70	11%
	No, not at all; what is it?	564	88.3%

Total		639	100%
REPUTATION - Have you paid attention to your establishment's reputation, whether through friends, family, or others?	Yes, it was a great help.	107	16.7%
	Yes, and that is why I chose my school.	172	26.9%
	Yes, but it did not influence me.	286	44.8 %
	No, I chose this establishment without having heard of it.	74	11.6%
Total		639	100%
TRANSPARENCY - Are higher education establishments (universities, high schools) transparent?	Yes, thanks to the delegates, etc.	67	10.5%
	Yes, perhaps.	334	52.3%
	No, not really.	238	37.2%
Total		639	100%
OPEN CLASSES - Have you ever taken part in a university open course?	Yes, it was very interesting.	139	21.8%
	Yes, it did not do me much good.	181	28.3%
	No, I have not tried.	270	42.3%
	I did not know it existed.	49	7.7%
Total		639	100%
FAIRS - Have you ever participated in a study information day or fair?	Yes, and it was a great help.	48	7.5%
	Yes, and it was interesting.	278	43.5%
	Yes, and it did not do me any good.	129	20.2%
	No, but I would like to.	93	14.6%
	No, it is useless.	57	8.9%
	Other	34	5.3%

Total		639	100%
<p style="text-align: center;">SOCIAL NETWORK</p> <p style="text-align: center;">-</p> <p>What do you think of social networking campaigns to inform you about the different courses available in higher education?</p>	Interesting stuff! It opens our eyes to new training opportunities.	306	47.9%
	It bothers me.	26	4.1%
	It bothers me because it is often linked to a political message.	51	8%
	I do not pay attention.	256	40.1%
Total		639	100%
<p style="text-align: center;">CHOICE</p> <p style="text-align: center;">-</p> <p>Why did you choose to go to high school or university?</p>	I found a more suitable course at university.	/	31.7%
	Universities have more explicit descriptions of studies.	/	5.9%
	I did not give it a second thought! It was clear to me that I would study at university.	/	31.4%
	I chose university because it is more theoretical.	/	10.5%
	I chose university because it is a big audience (distance between teachers and students).	/	8.3%
	Other	/	12.2%
Total		/	100%
<p style="text-align: center;">CRITERIA</p> <p style="text-align: center;">-</p>	Study location (city atmosphere, etc.).	/	32.3%

What criteria made you choose your university or high school?	My studies only exist in this establishment.	/	14.2%
	The university's reputation.	/	25.5%
	The proximity of the place of study to my place of residence.	/	24.6%
	Other	/	3.4%
Total		/	100%
PARENTS - Did your parents influence your choice of university or high school?	Yes, they wanted me to go to university/high school.	195	30.5%
	Yes, but I did not follow their choice.	48	7.5%
	No, I was free to do what I wanted.	396	62%
Total		639	100%

### Appendix 8: Link to the complete data set in French

[https://docs.google.com/spreadsheets/d/1QWSg2AcCCuWzPvUv9T\\_Y5BfUX1Ecc9SQ7TEfXfBS9xs/edit?usp=sharing](https://docs.google.com/spreadsheets/d/1QWSg2AcCCuWzPvUv9T_Y5BfUX1Ecc9SQ7TEfXfBS9xs/edit?usp=sharing)

## Appendix 9: Distribution table of chi-square

Degrees of freedom (df)	Significance level ( $\alpha$ )							
	.99	.975	.95	.9	.1	.05	.025	.01
1	-----	0.001	0.004	0.016	2.706	3.841	5.024	6.635
2	0.020	0.051	0.103	0.211	4.605	5.991	7.378	9.210
3	0.115	0.216	0.352	0.584	6.251	7.815	9.348	11.345
4	0.297	0.484	0.711	1.064	7.779	9.488	11.143	13.277
5	0.554	0.831	1.145	1.610	9.236	11.070	12.833	15.086
6	0.872	1.237	1.635	2.204	10.645	12.592	14.449	16.812
7	1.239	1.690	2.167	2.833	12.017	14.067	16.013	18.475
8	1.646	2.180	2.733	3.490	13.362	15.507	17.535	20.090
9	2.088	2.700	3.325	4.168	14.684	16.919	19.023	21.666
10	2.558	3.247	3.940	4.865	15.987	18.307	20.483	23.209
11	3.053	3.816	4.575	5.578	17.275	19.675	21.920	24.725
12	3.571	4.404	5.226	6.304	18.549	21.026	23.337	26.217
13	4.107	5.009	5.892	7.042	19.812	22.362	24.736	27.688
14	4.660	5.629	6.571	7.790	21.064	23.685	26.119	29.141
15	5.229	6.262	7.261	8.547	22.307	24.996	27.488	30.578
16	5.812	6.908	7.962	9.312	23.542	26.296	28.845	32.000
17	6.408	7.564	8.672	10.085	24.769	27.587	30.191	33.409
18	7.015	8.231	9.390	10.865	25.989	28.869	31.526	34.805
19	7.633	8.907	10.117	11.651	27.204	30.144	32.852	36.191
20	8.260	9.591	10.851	12.443	28.412	31.410	34.170	37.566
21	8.897	10.283	11.591	13.240	29.615	32.671	35.479	38.932
22	9.542	10.982	12.338	14.041	30.813	33.924	36.781	40.289
23	10.196	11.689	13.091	14.848	32.007	35.172	38.076	41.638
24	10.856	12.401	13.848	15.659	33.196	36.415	39.364	42.980
25	11.524	13.120	14.611	16.473	34.382	37.652	40.646	44.314
26	12.198	13.844	15.379	17.292	35.563	38.885	41.923	45.642
27	12.879	14.573	16.151	18.114	36.741	40.113	43.195	46.963
28	13.565	15.308	16.928	18.939	37.916	41.337	44.461	48.278
29	14.256	16.047	17.708	19.768	39.087	42.557	45.722	49.588
30	14.953	16.791	18.493	20.599	40.256	43.773	46.979	50.892
40	22.164	24.433	26.509	29.051	51.805	55.758	59.342	63.691
50	29.707	32.357	34.764	37.689	63.167	67.505	71.420	76.154
60	37.485	40.482	43.188	46.459	74.397	79.082	83.298	88.379
70	45.442	48.758	51.739	55.329	85.527	90.531	95.023	100.425
80	53.540	57.153	60.391	64.278	96.578	101.879	106.629	112.329
100	61.754	65.647	69.126	73.291	107.565	113.145	118.136	124.116
1000	70.065	74.222	77.929	82.358	118.498	124.342	129.561	135.807

(Turney, 2023)