

Complex Trajectories : analyse longitudinale des parcours étudiants dans différentes universités européennes.

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Catalan results: the importance of change.

Helena Troiano. Universitat Autònoma de Barcelona.  
Seminaire GTES du CEREQ. 22-23 June 2023. Dijon.

# The Catalan system: access and progress

# New cohort 2020-21

- ▣ University online: 14.768 students; 24,5%
- ▣ Universities onsite: 45.500 students; 75,5%

# New cohort 2020-21

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- ▣ Public: 38.011; 83,5%
- ▣ Private: 7.489; 16,5%

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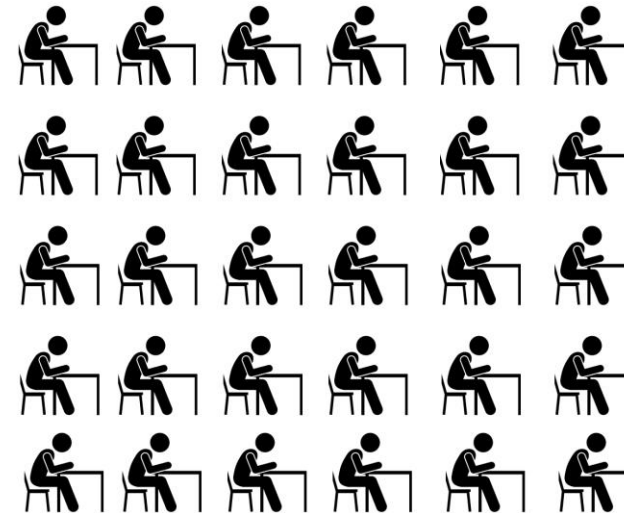
# Access grade

60% of Baccaleaureat average grade



Baccaleaureat

40% of access exam average grade + some improvement possibilities



Acces exam

# Two lists

## Ranking of students by grades

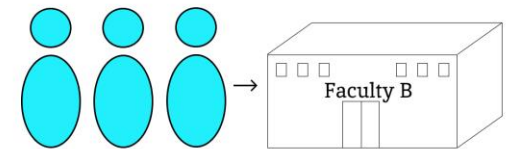
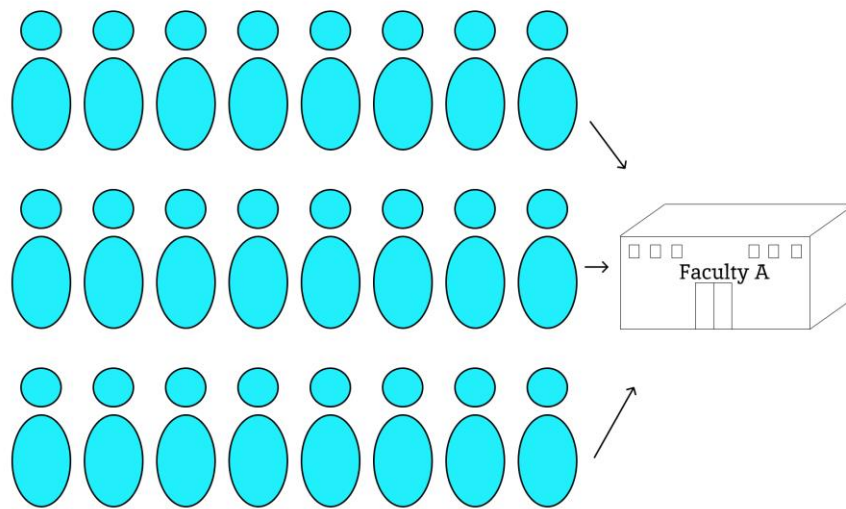
Nom	Nota
Huertas	9,454
Cela	9,235
Jiménez	9,168
Duart	8,472
Martinez	8,458
Iniesta	8,265
Fierro	8,245
Espada	8,168
Caro	7,896
Fernánde:	7,45
Martí	7,256
Hernánde	7,25
Garrido	6,452
López	6,418
Llobera	6,418
Bonavista	6,328
Navas	6,2858
Bellver	6,25
Jaume	5,598
Albarracín	5,525
Merino	5,187
García	5,125

## Degree programmes preferred by every student

1	<b>31010 - Enginyeria de Sistemes Audiovisuals</b> UPC   Terrassa   U.Pública   PAP NO   60 places   Públic   21 <a href="http://www.upc.edu/matricula">http://www.upc.edu/matricula</a>	▼ AVALL
2	<b>11016 - Enginyeria Informàtica / Matemàtiques (simultaneïtat)</b> UB   Barcelona   U.Pública   PAP NO   20 places   Públic   04-16 <a href="http://www.ub.edu/benvinguda">http://www.ub.edu/benvinguda</a>	▲ AMUNT ▼ AVALL
3	<b>31106 - Intel·ligència Artificial</b> UPC   Barcelona   U.Pública   PAP NO   50 places   Públic   21 <a href="http://www.upc.edu/matricula">http://www.upc.edu/matricula</a>	▲ AMUNT ▼ AVALL
4	<b>21105 - Enginyeria de Sistemes de Telecomunicació / Enginyeria Informàtica (simultaneïtat)</b> UAB   Cerdanyola del Vallès   U.Pública   PAP NO   20 places   Públic   04-16 <a href="http://www.uab.cat/matricula/">http://www.uab.cat/matricula/</a>	▲ AMUNT ▼ AVALL
5	<b>11060 - Enginyeria de Materials</b> UB   Barcelona   U.Pública   PAP NO   40 places   Públic   16 <a href="http://www.ub.edu/benvinguda">http://www.ub.edu/benvinguda</a>	▲ AMUNT ▼ AVALL

# Chances of getting a place depend upon...

Places offered, demand of places, and grades obtained



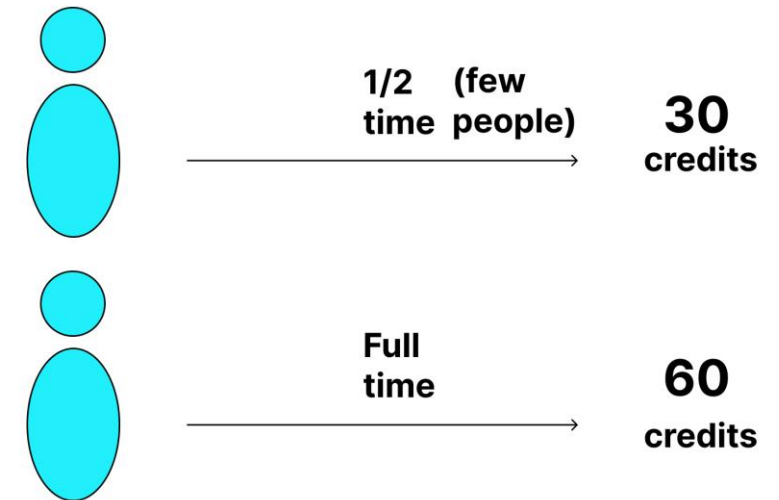


# Student gets enrolled...

... in a degree programme with an expected duration of...

- ▣ 240 ECTS = 4 years (most degrees)
- ▣ 300 ECTS = 5 years (i.e., Veterinary)
- ▣ 360 ECTS = 6 years (i.e., Medicine)
- ▣ Double degrees 380 – 450 ECTS = 7 years (i.e., statistics and sociology)

... choosing a pace of credits per year...



# Example of performance on 1st year

## 1st term

1st module, 6 cr. **Failed**

2nd module, 6 cr. **Passed**

3rd module, 6 cr. **Passed**

4th module, 6 cr. **Failed**

5th module, 6 cr. **Failed**



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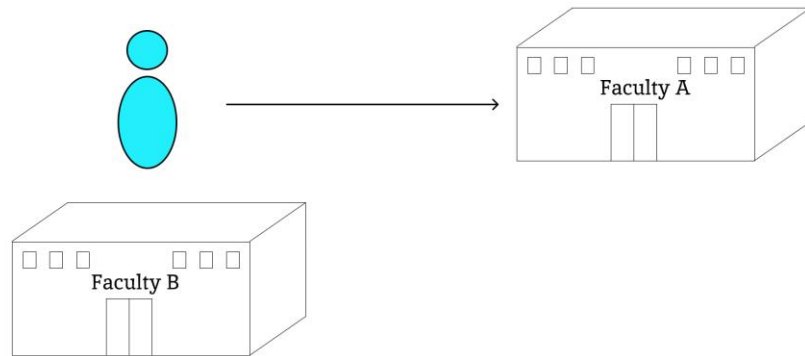
## 2nd term

1st module, 6 cr. **Passed**  
2nd module, 6 cr. **Passed**  
3rd module, 6 cr. **Passed**  
4th module, 6 cr. **Failed**  
5th module, 6 cr. **Failed**

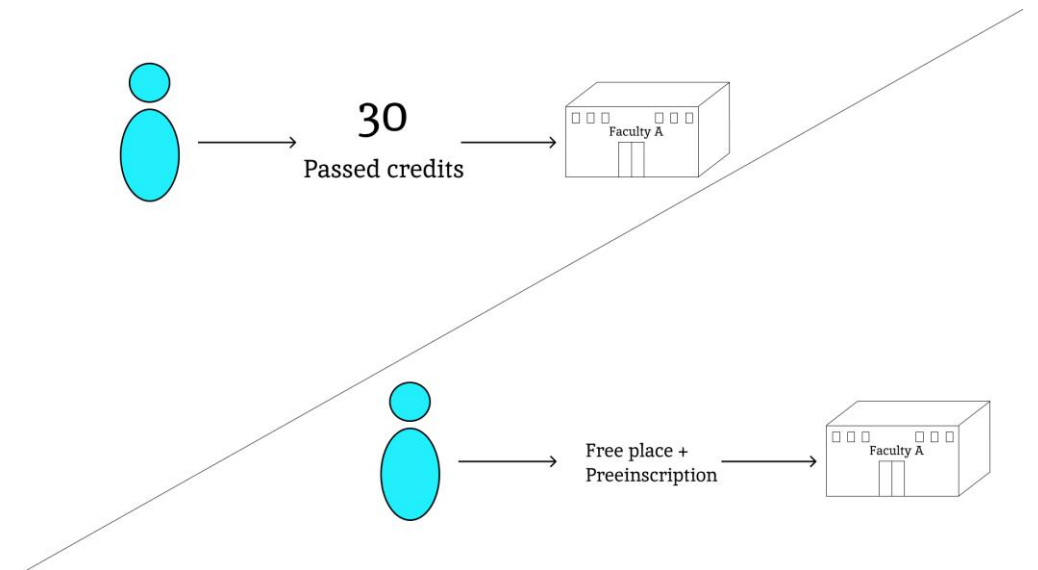


# Moving from one degree programme to another

How to move?



Two ways.



# Analysis of one cohort: 2012-13

Data for the Catalan system onsite (private and public)

# Basic Data. Catalan system.

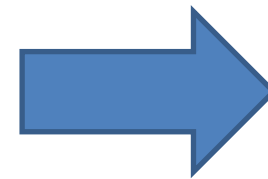
- ▣ Graduated on time:
  - ▣ 58%
  
- ▣ Dropouts (7 years after accessing)
  - ▣ 18%
  
- ▣ Persistence (7 years after accessing)
  - ▣ 8%

# Basic Data

- ▣ Graduated on time:
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  - ▣ University of Burgundy: 56%
  
- ▣ Dropouts (7 years after accessing)
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  - ▣ University of Burgundy: 26%
  
- ▣ Persistence (7 years after accessing)
  - ▣ Catalan System: 8%
  - ▣ University of Burgundy: 0,5%

# Basic Data

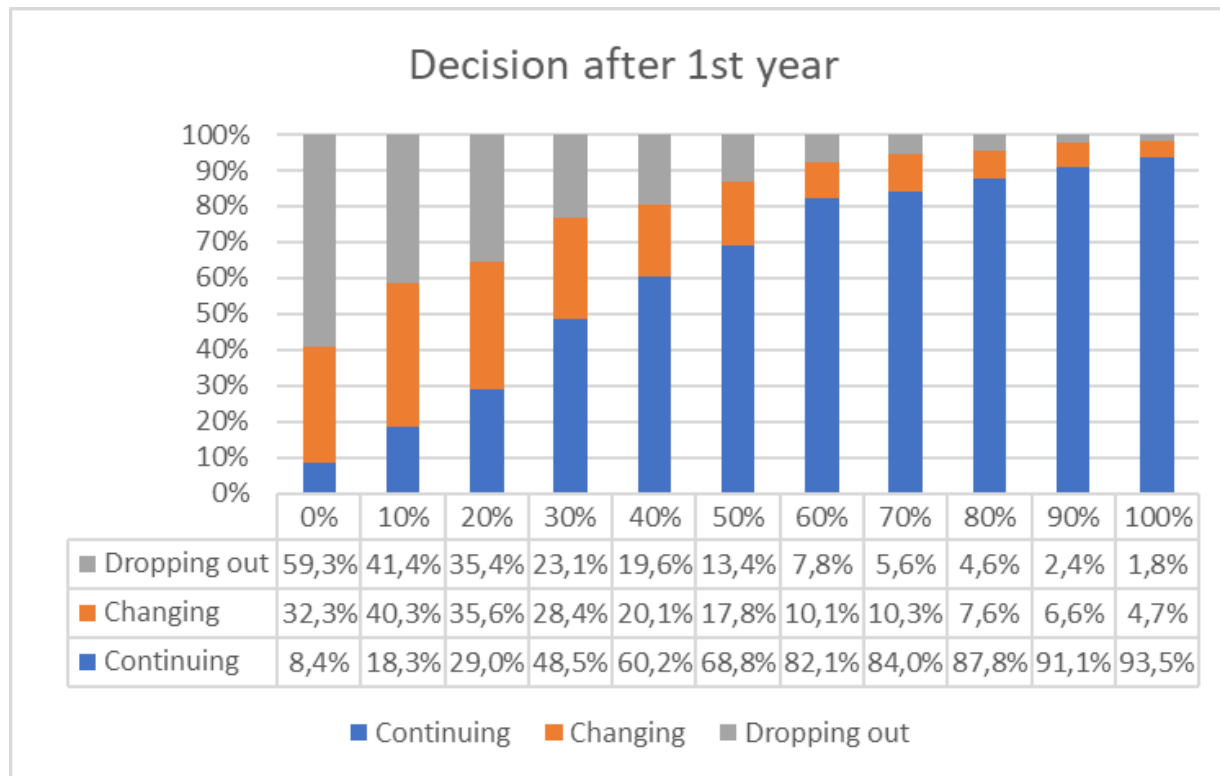
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French system  
seems to be  
more efficient

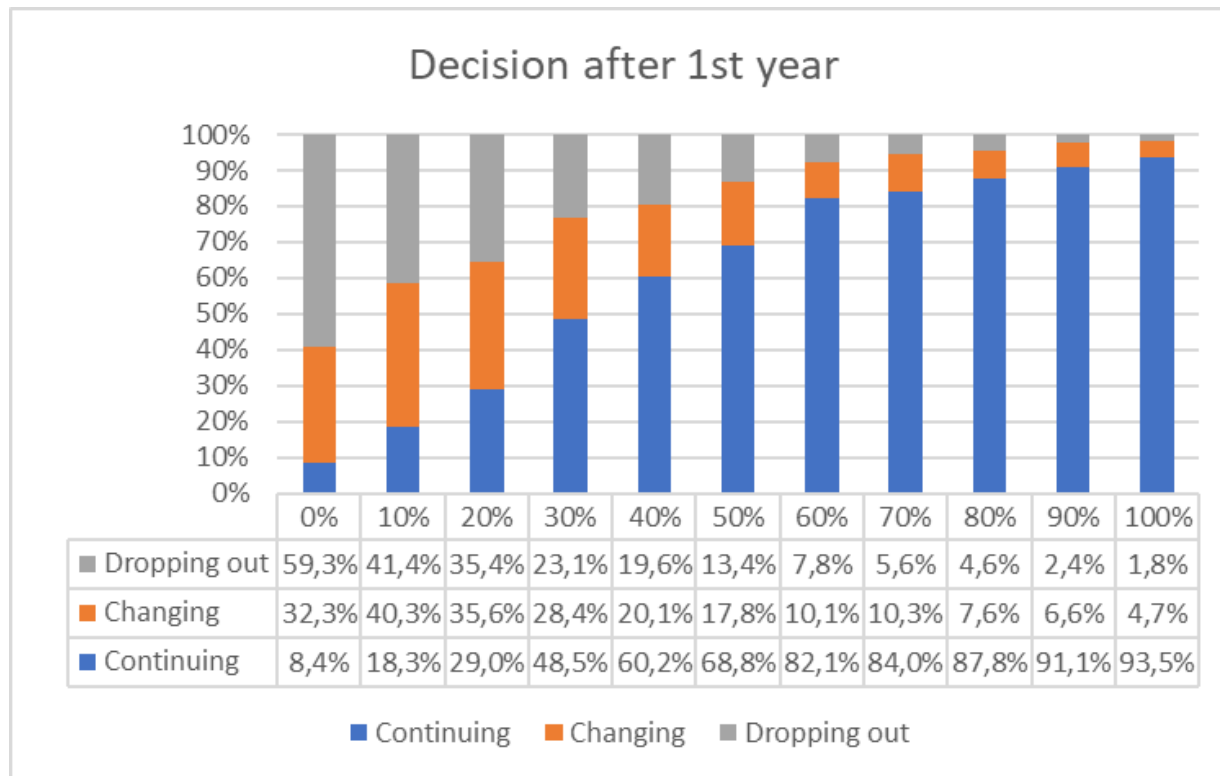


# How complex trajectories are created: change

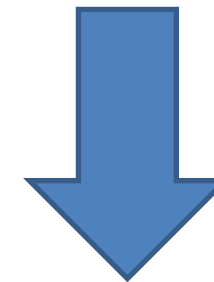


An important proportion of students with poor results (half or less of the credits of a year achieved) decide to change the degree where they are enrolled.

# How complex trajectories are created: change



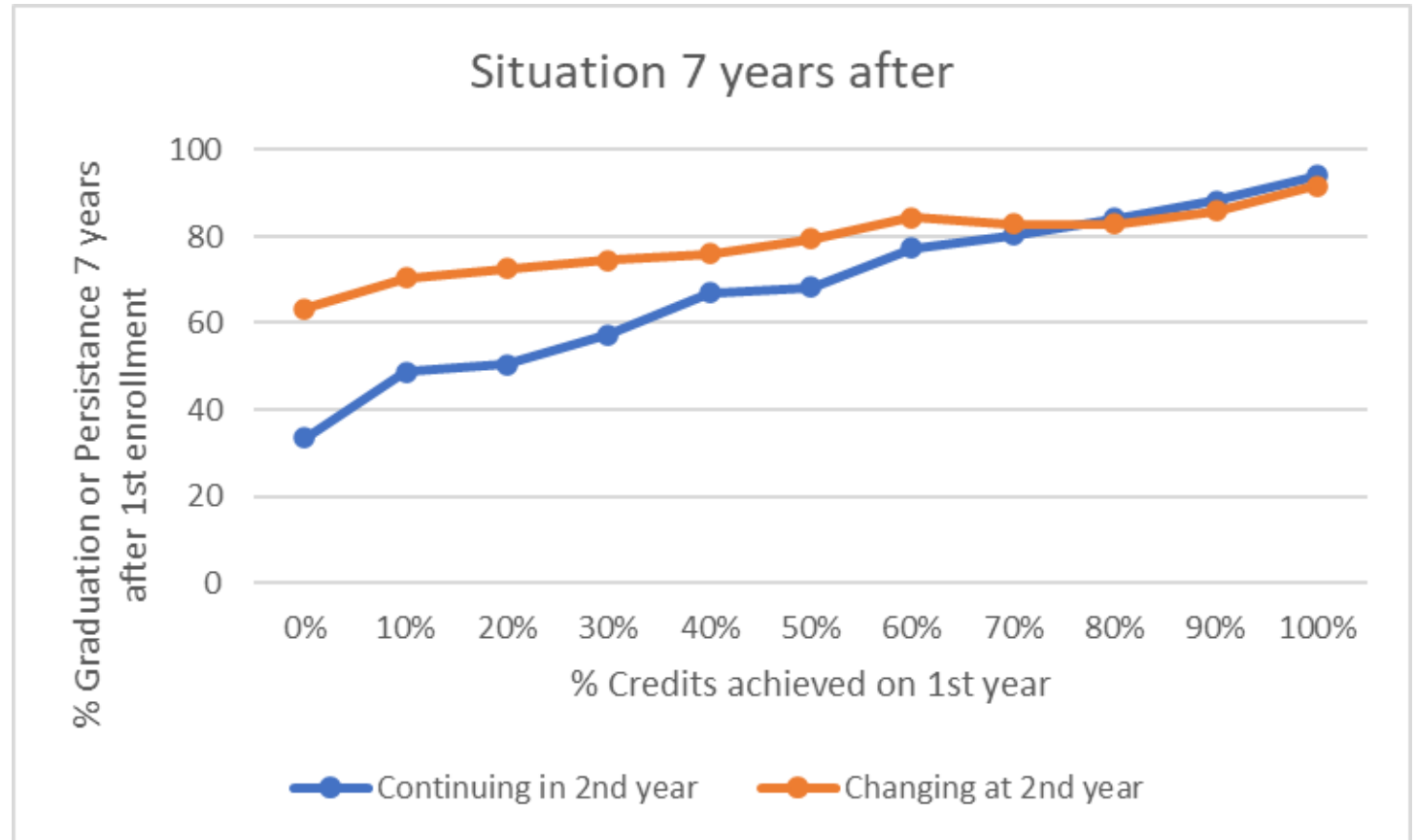
An important proportion of students with poor results (half or less of the credits of a year achieved) decide to change the degree where they are enrolled.



Is that a good decision?

## Situation 7 years after accessing

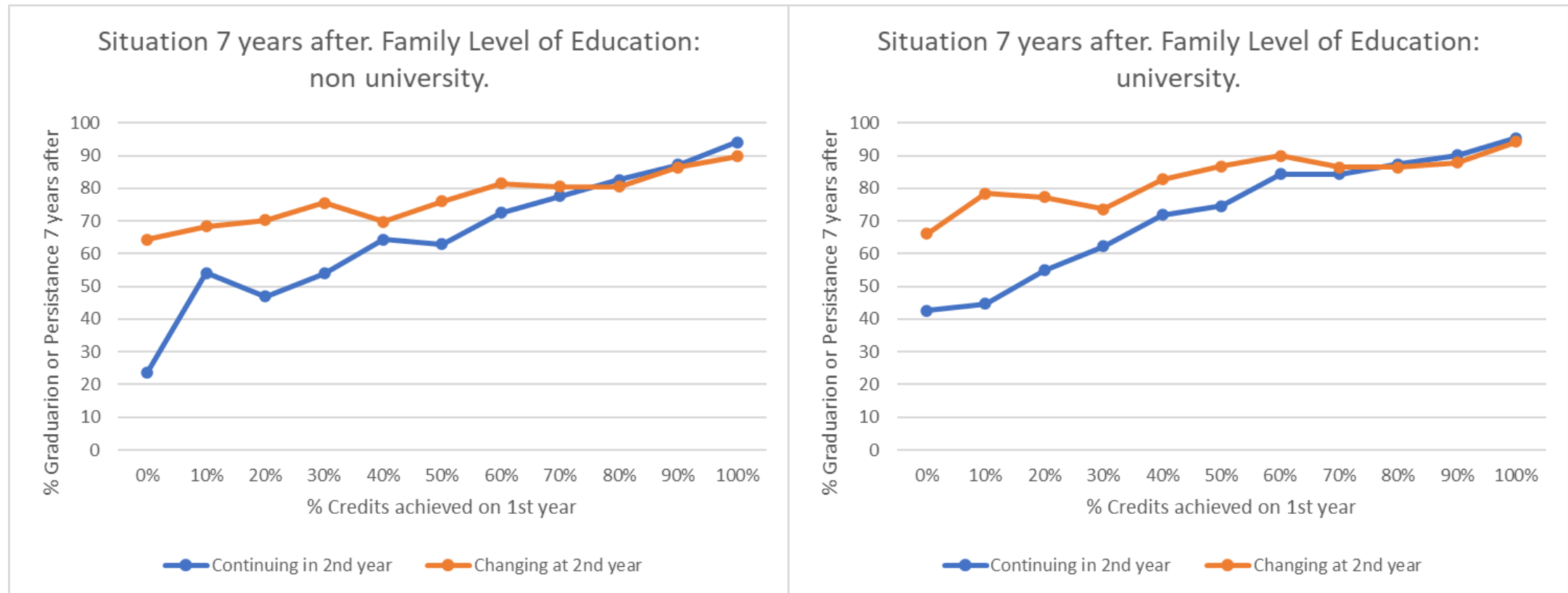
Even with poor performance at the first year, the rates of graduating or persisting after 7 years are high, especially for those that decided to change their pathway.



# Differences?

Similar results by:

- socio-educative background,
- fields of study,
- and both together.





Thank you very much for  
your attention

[Helena.troiano@uab.cat](mailto:Helena.troiano@uab.cat)