

Labour Market Outcomes of People who are Deaf and Hard-of- Hearing

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29/09/2026





Outline of the presentation

- Study 1: Distribution of DHH claimants in the Netherlands
- Study 2: The effect of cochlear implants on labour market outcomes
- Study 3: Labour market prospects of DHH people

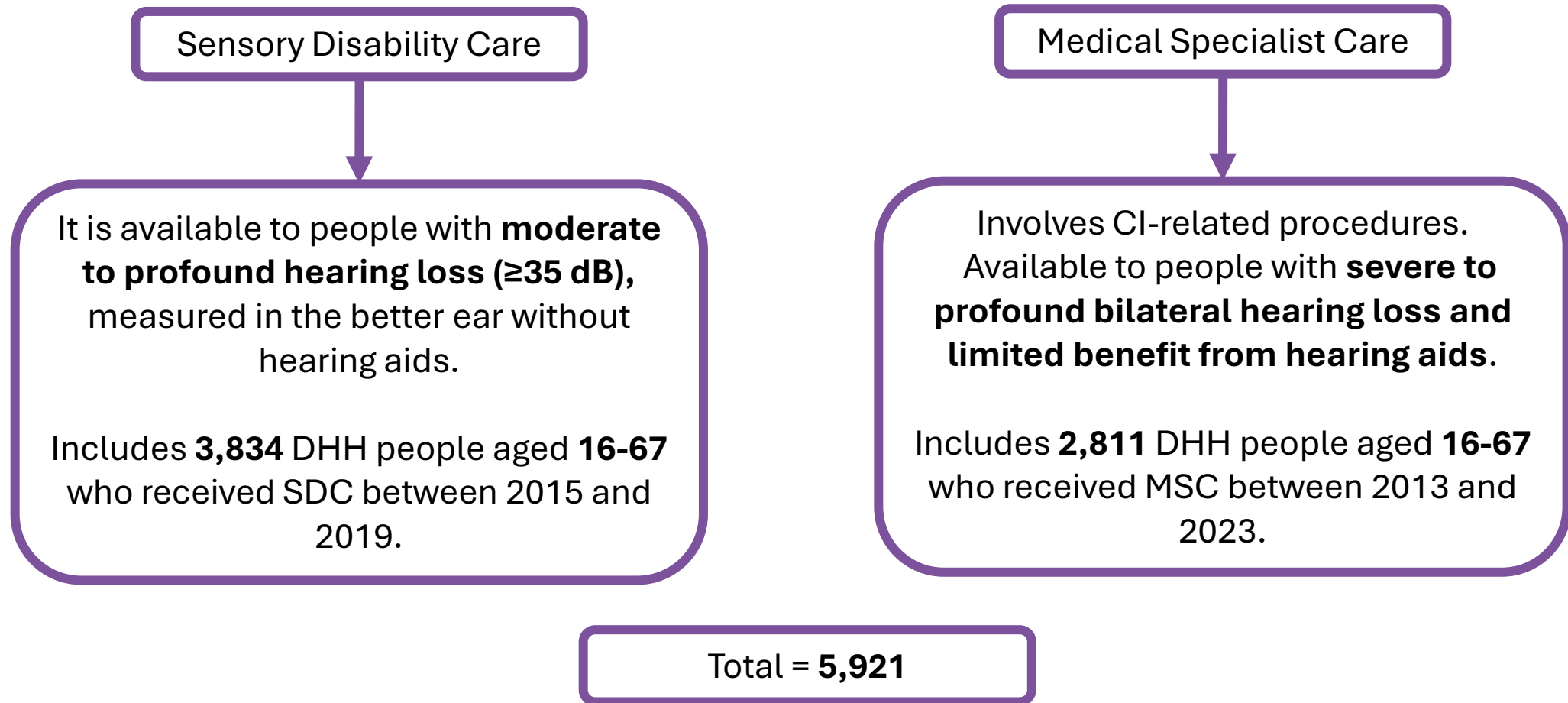


STUDY 1

Geographical Distribution of Deaf and Hard of Hearing Claimants in the Netherlands, 2024



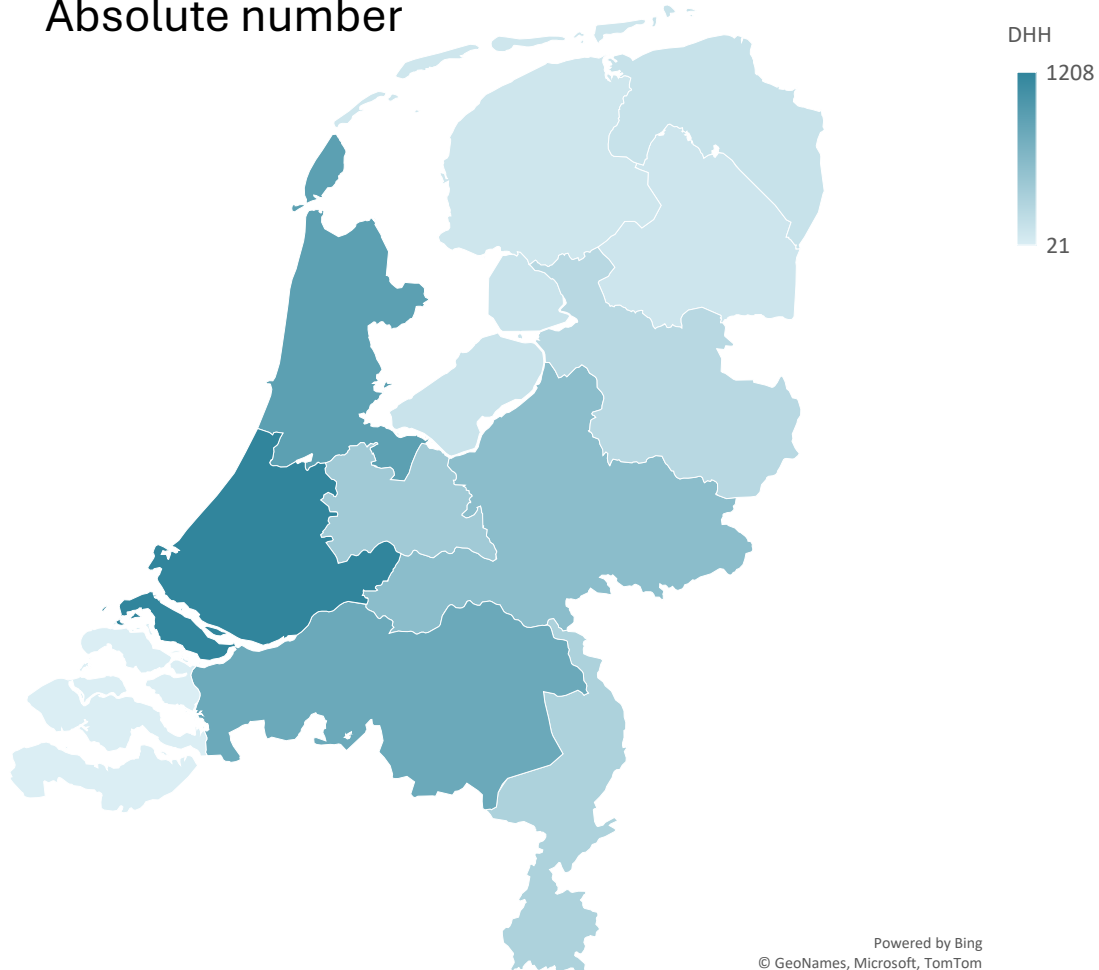
Data on DHH-claimants





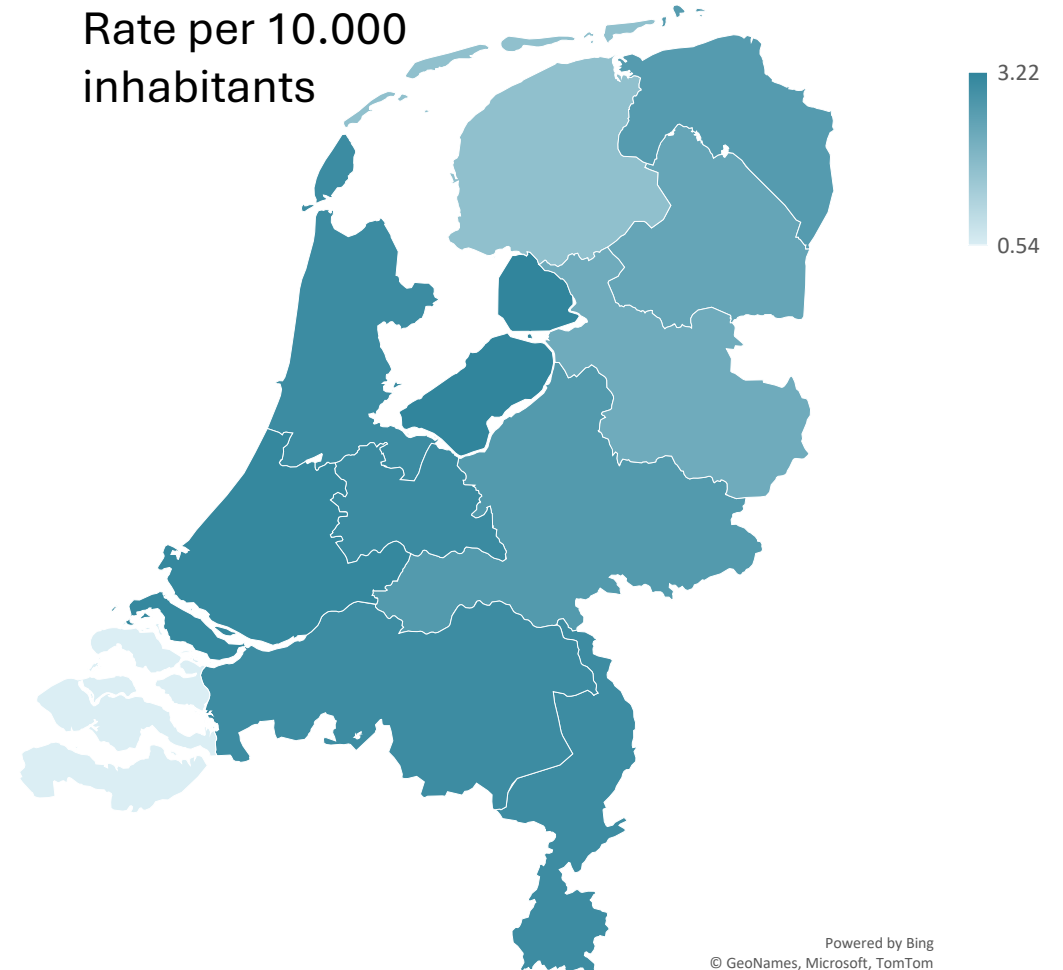
Distribution by Province

Absolute number



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Rate per 10.000 inhabitants

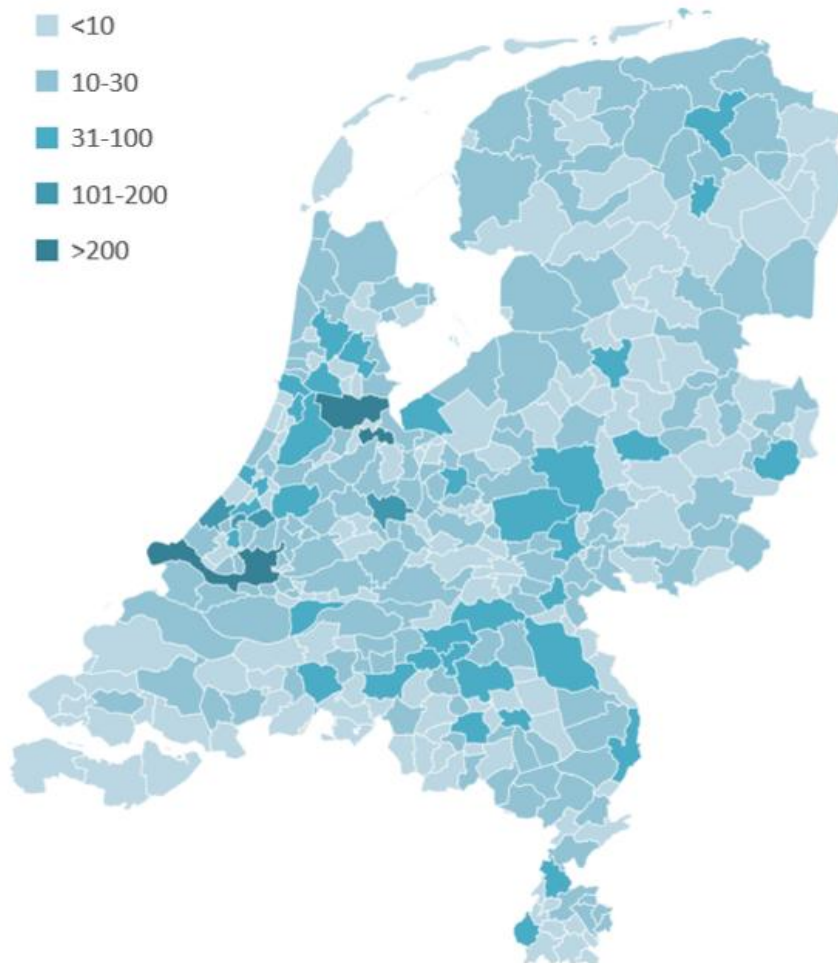


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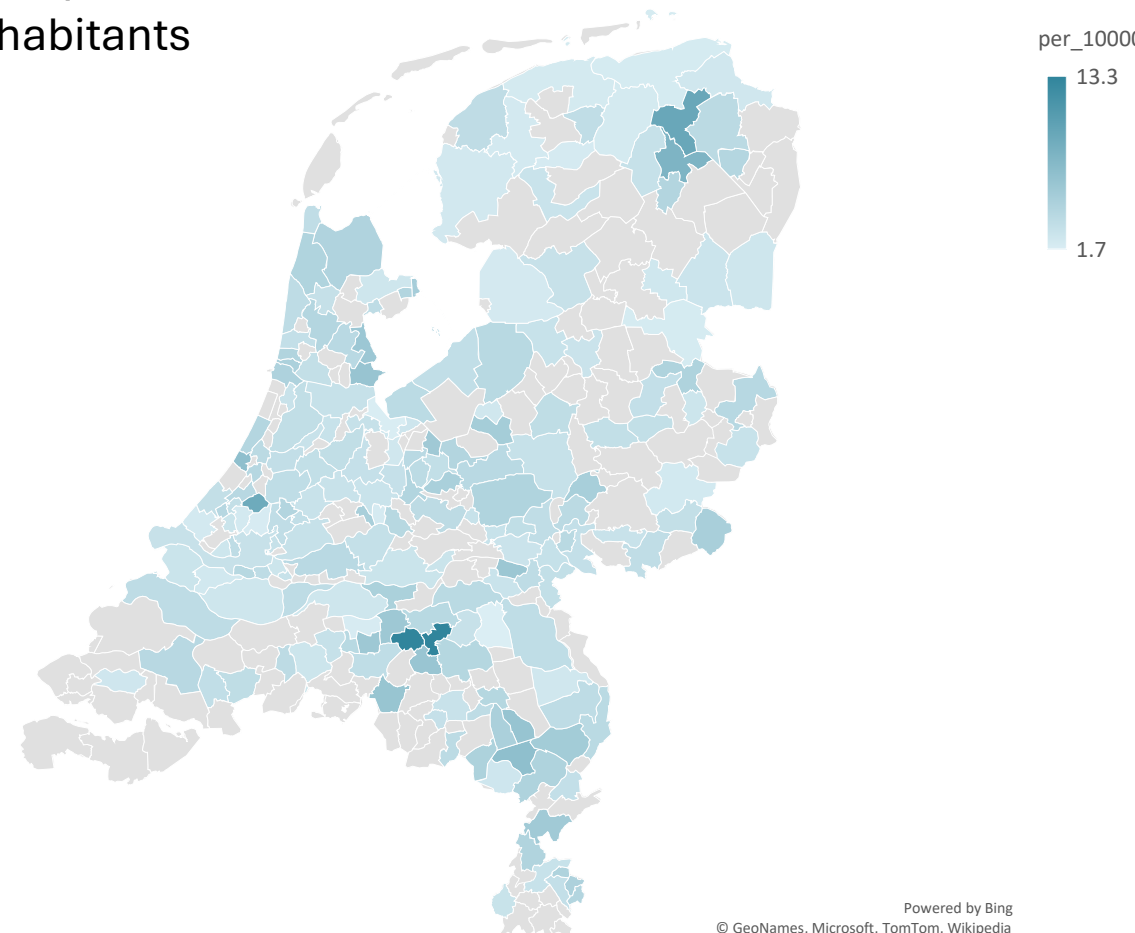


Distribution by Municipality

Absolute number



Rate per 10.000 inhabitants





Discussion

- Q&A
- What stands out to you?
- What insights do these findings provide?



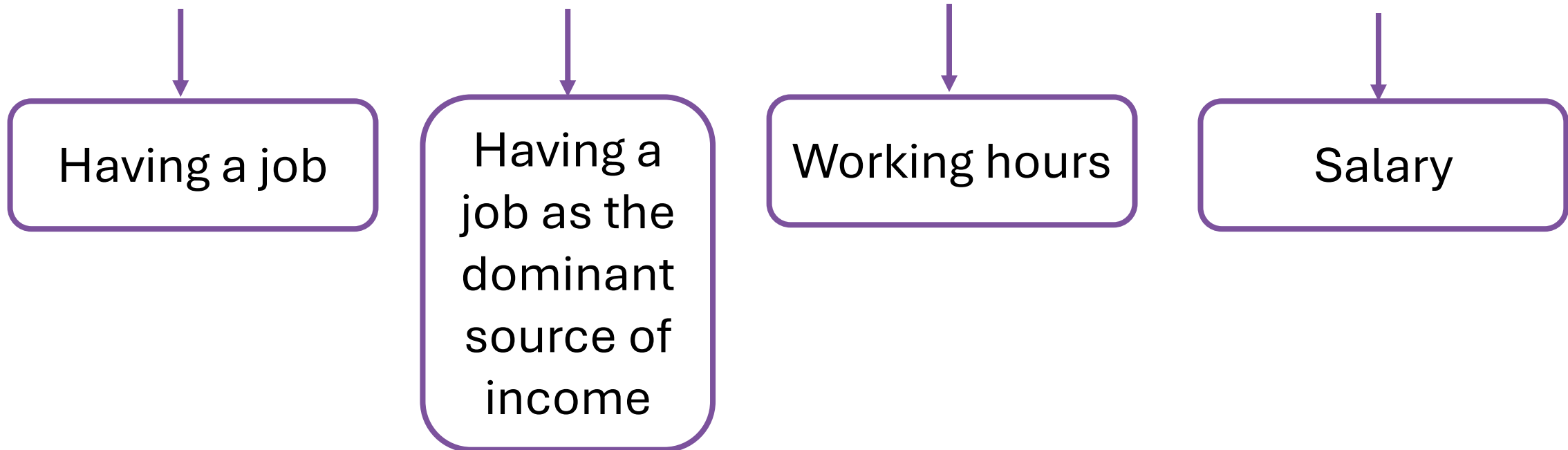
STUDY 2

The Effect of Cochlear Implant on Labour Market Outcomes



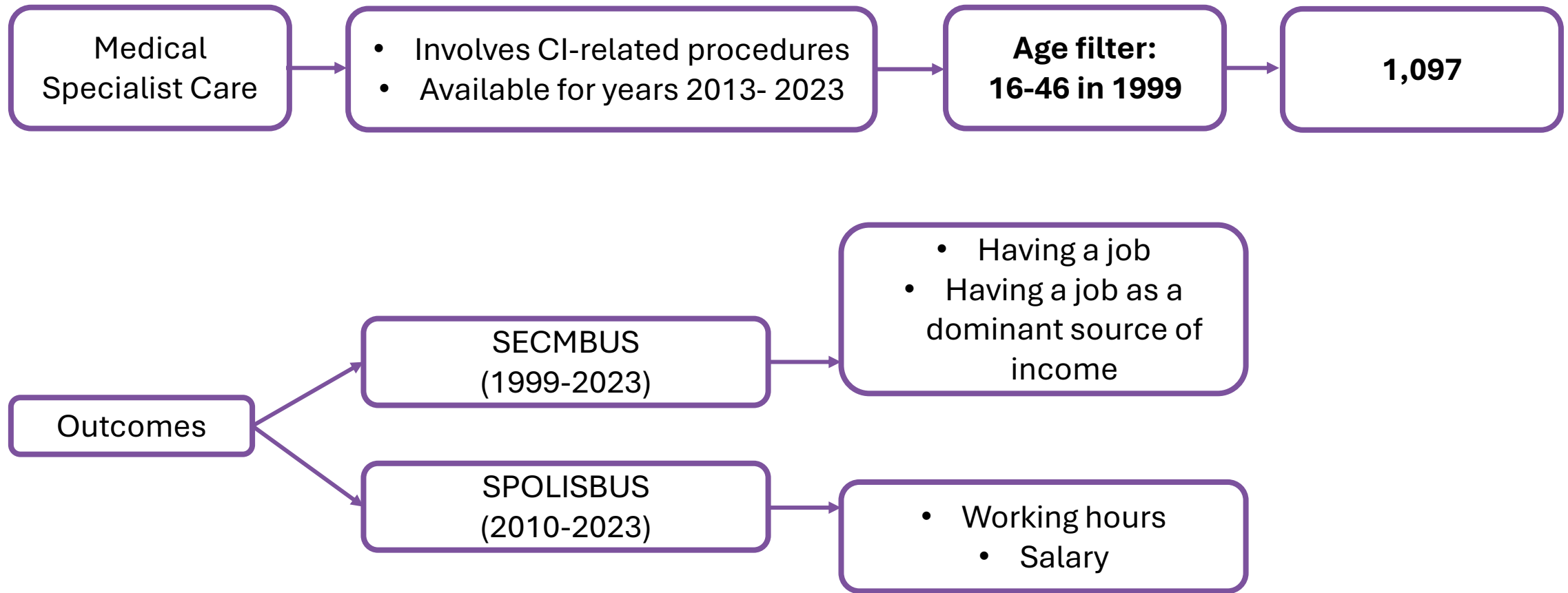
Study 2: The Effect of Cochlear Implant on Labour Market Outcomes

- Research Question: What is the effect of CI on labour market outcomes?



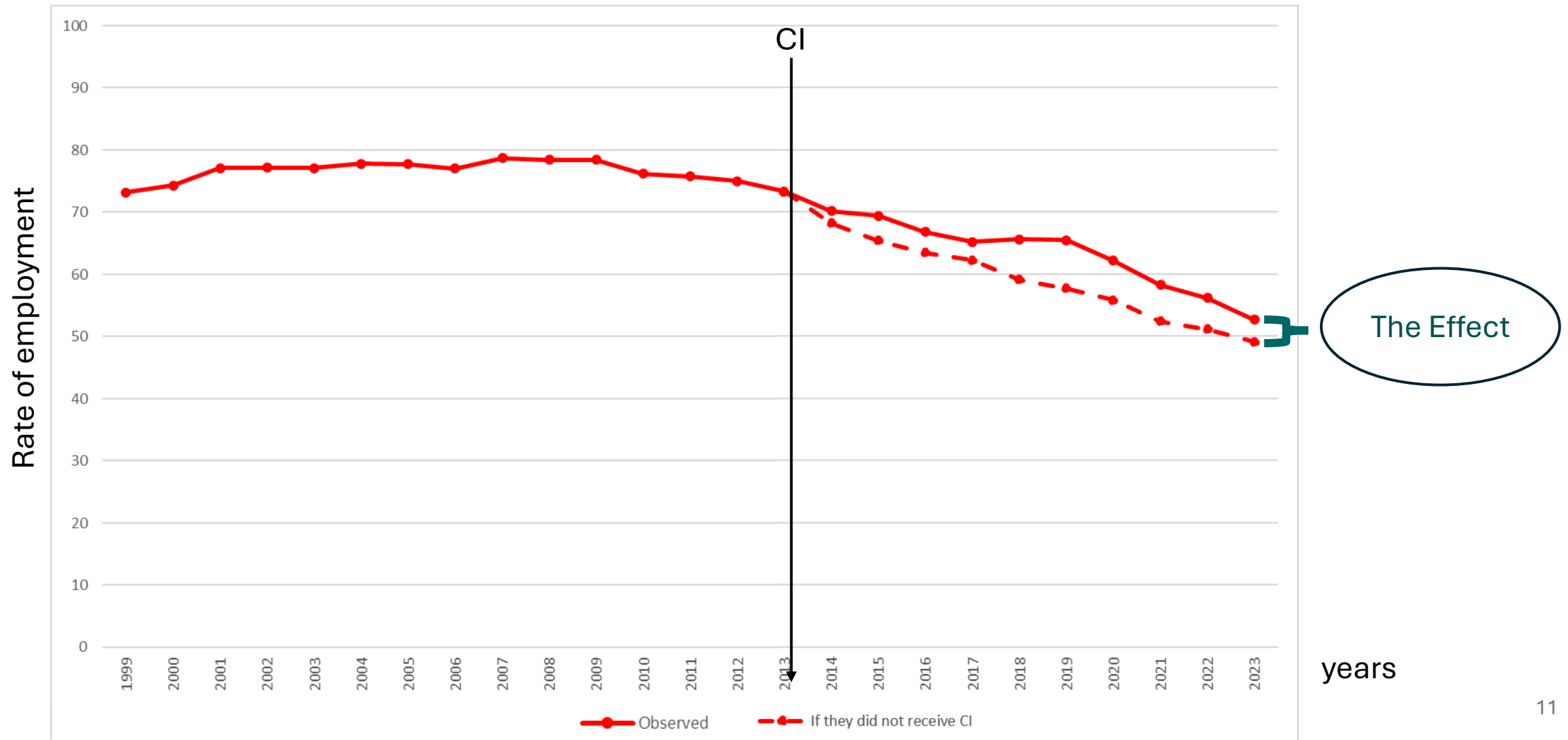


Data



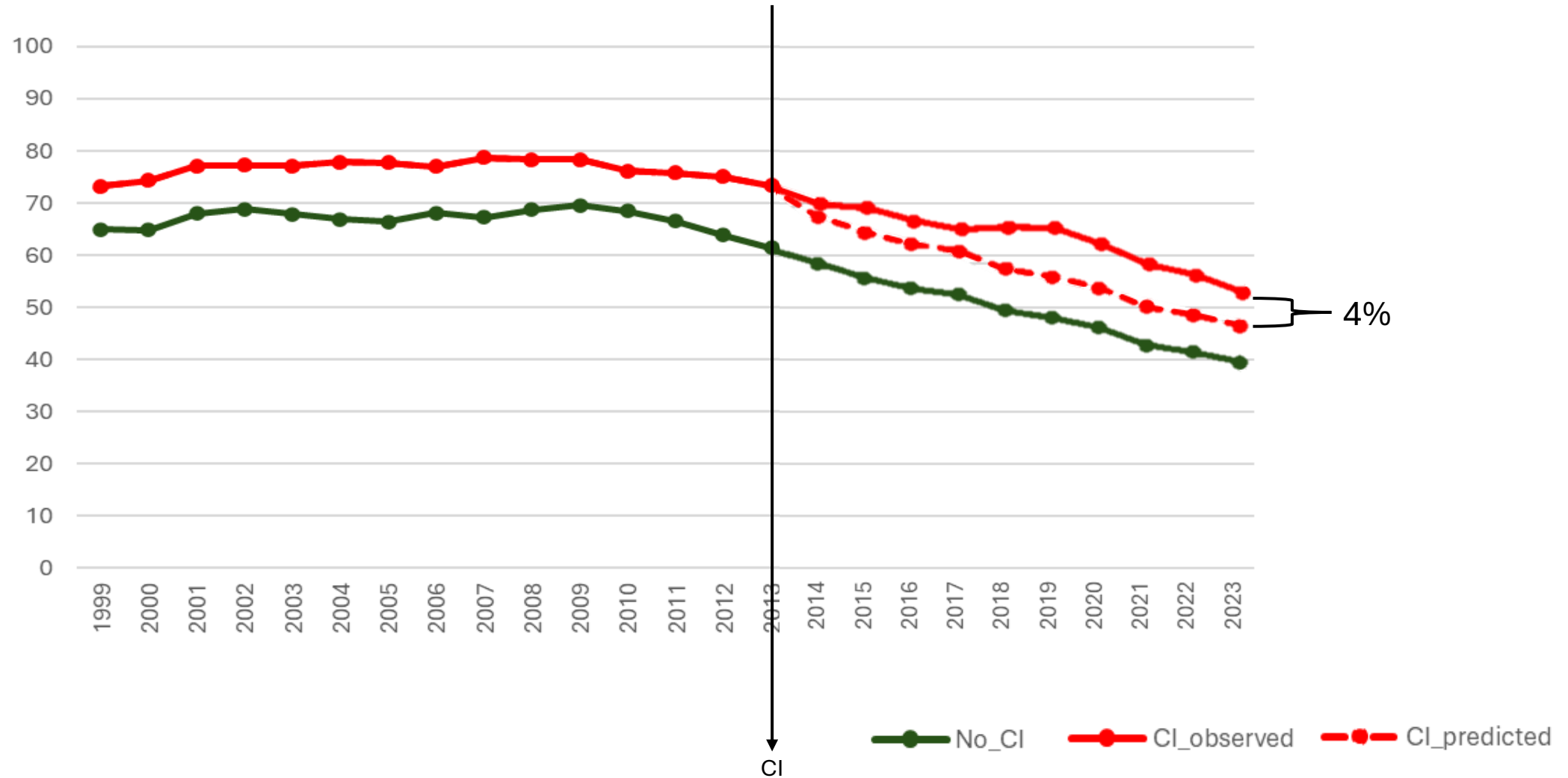


Method





Method



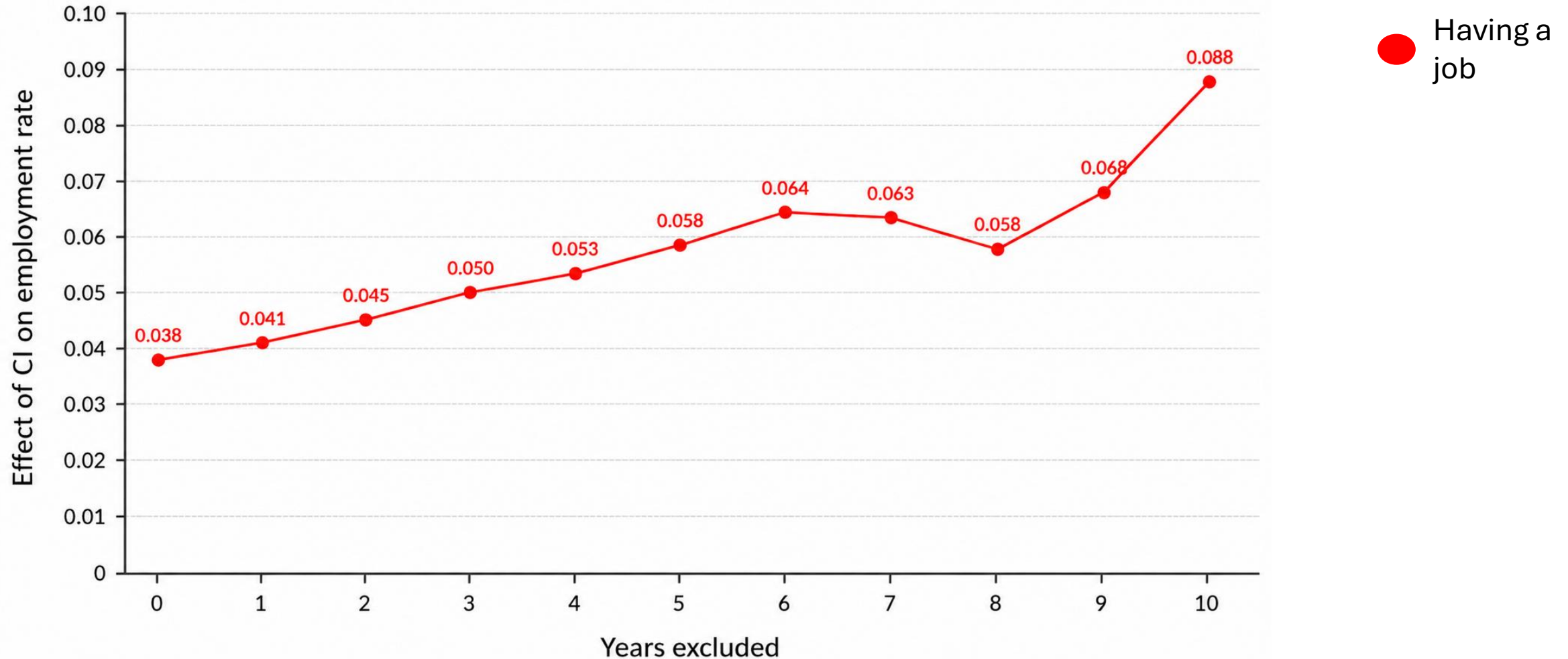


Results

Effect of CI	Full sample	Age in 1999 16-30	Age in 1999 30-39	Age in 1999 39-46
Having a Job	4%*	6%*	8%*	2%
Having a job as dominant source of income	3%	5%	7%*	1%
Working Hours	4.27 hrs.	5.6 hrs.	10.7* hrs.	2.5 hrs.
Salary	€ 138.6*	€ 218.1*	€ 285.6*	€ 67.2
n	1097	366	366	365

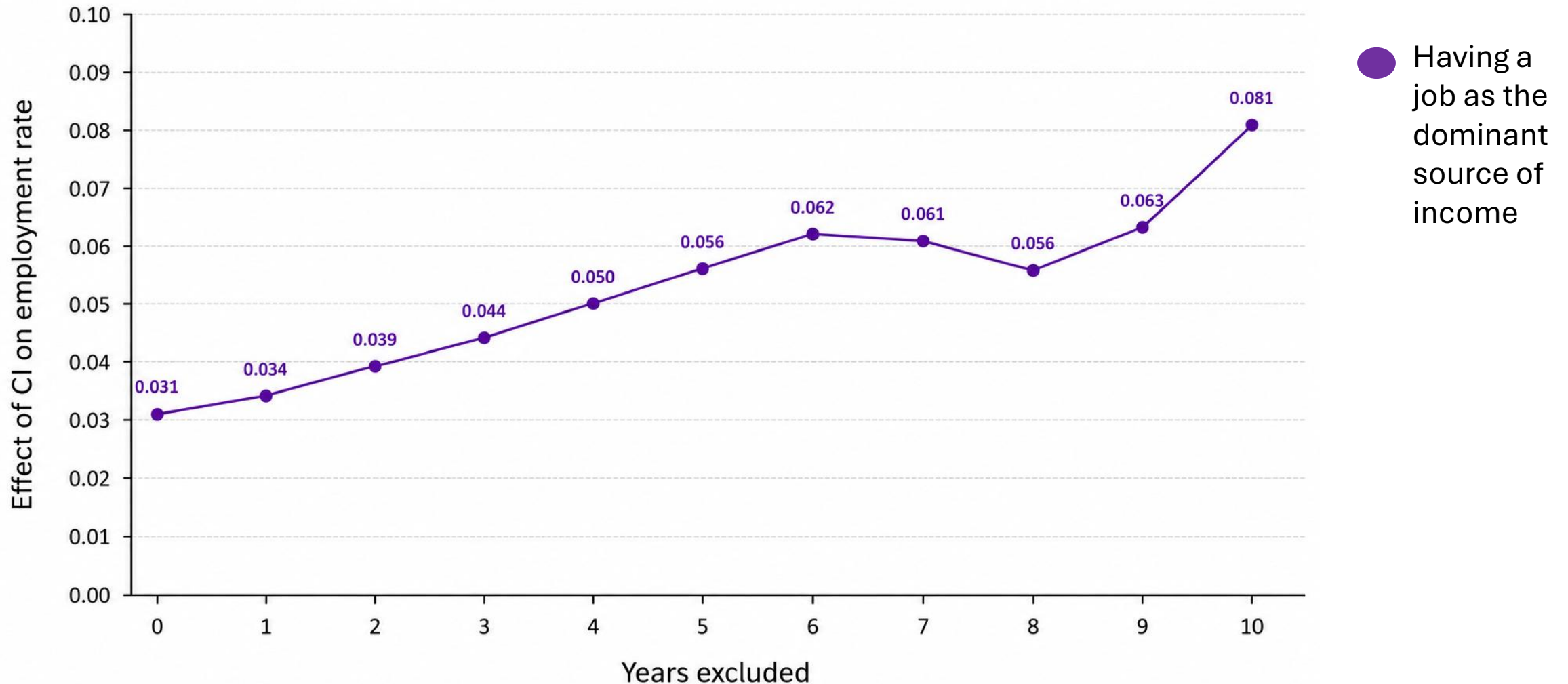


Effect on Employment excluding the first years





Effect on Employment excluding the first years





Discussion

- Summary:
- Having CI has a positive effect on the labour market outcomes we studied
- The effect is bigger for the second age group (30-39)
- Employment outcomes improve with time
- Q&A



STUDY 3

Labour market prospects of DHH people



STUDY 3: Labour Market Prospects of DHH People After Graduation

- Research Question: Are there differences in the labour market prospects of DHH people in comparison with hearing people?



Time to first
employment after
graduation

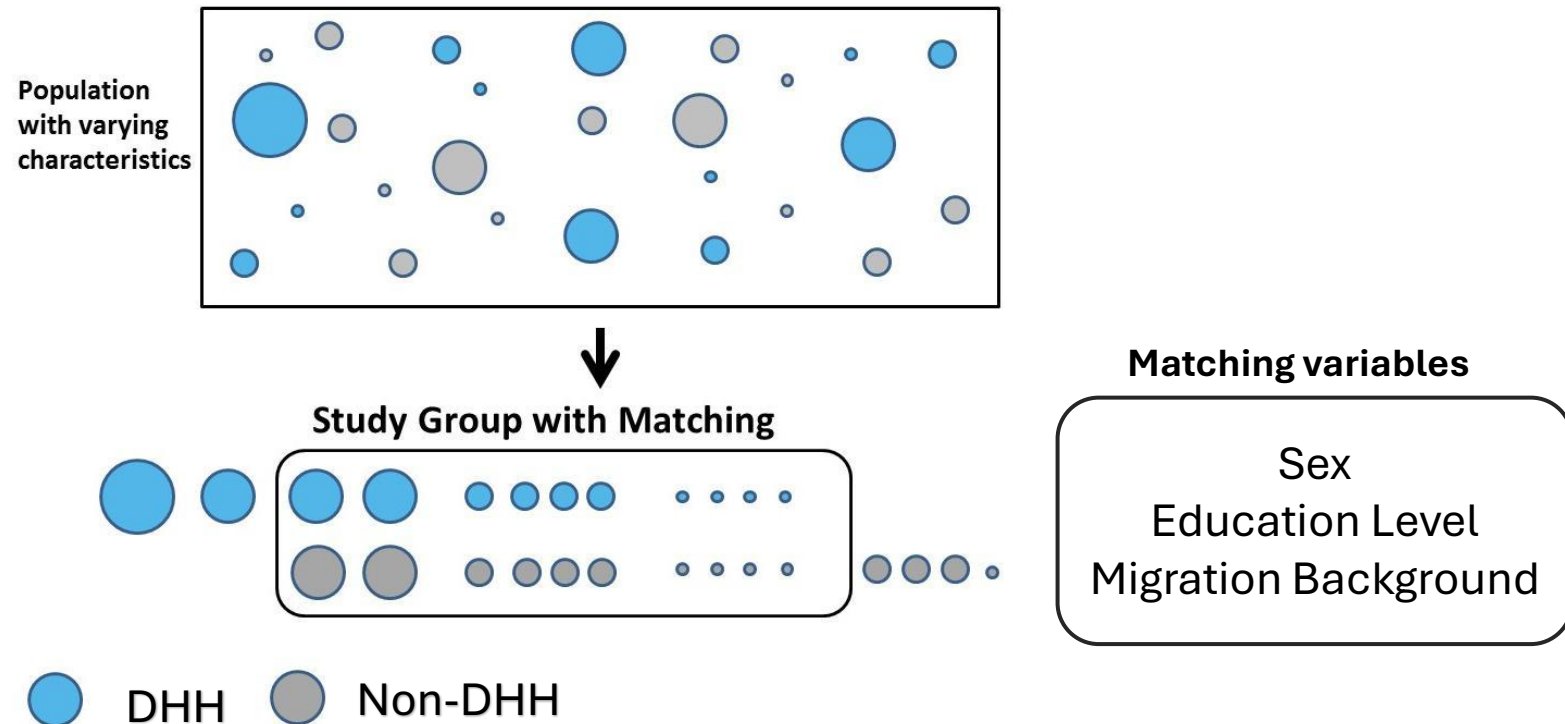


What happens after
finding a job?



Method: Matching

- Are there differences between DHH and hearing people?





Time to first employment after graduation

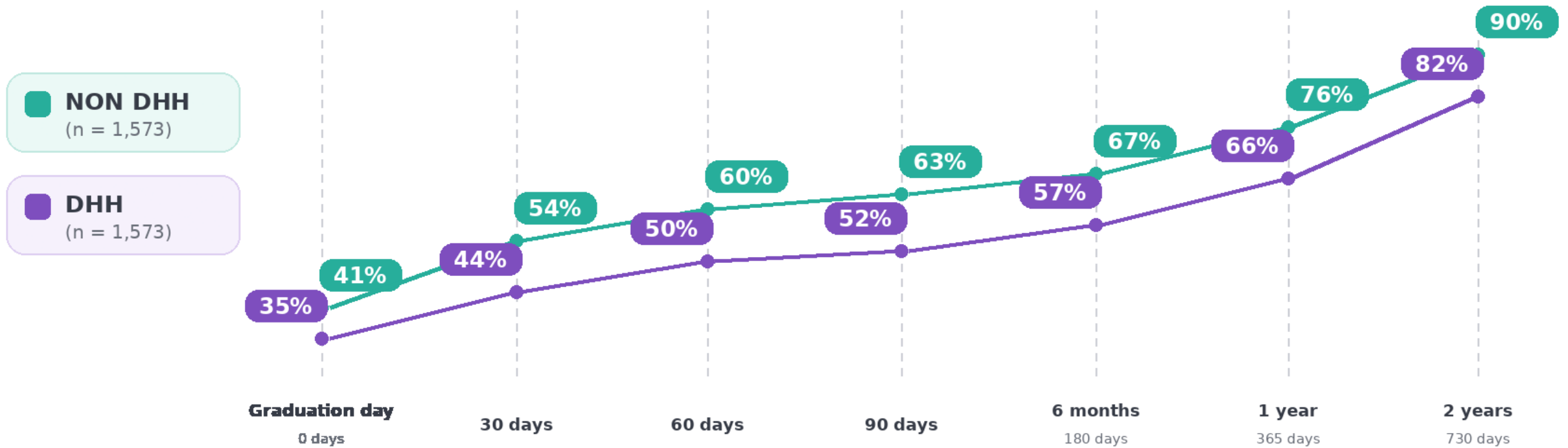
How long does it take DHH graduates to find their first job?





Results

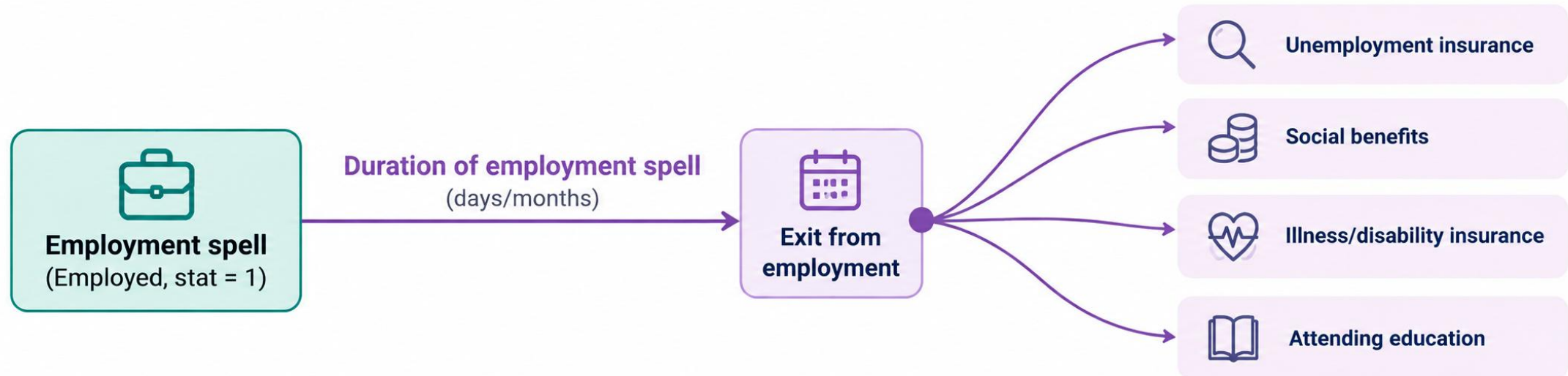
How long does it take to find the first job?





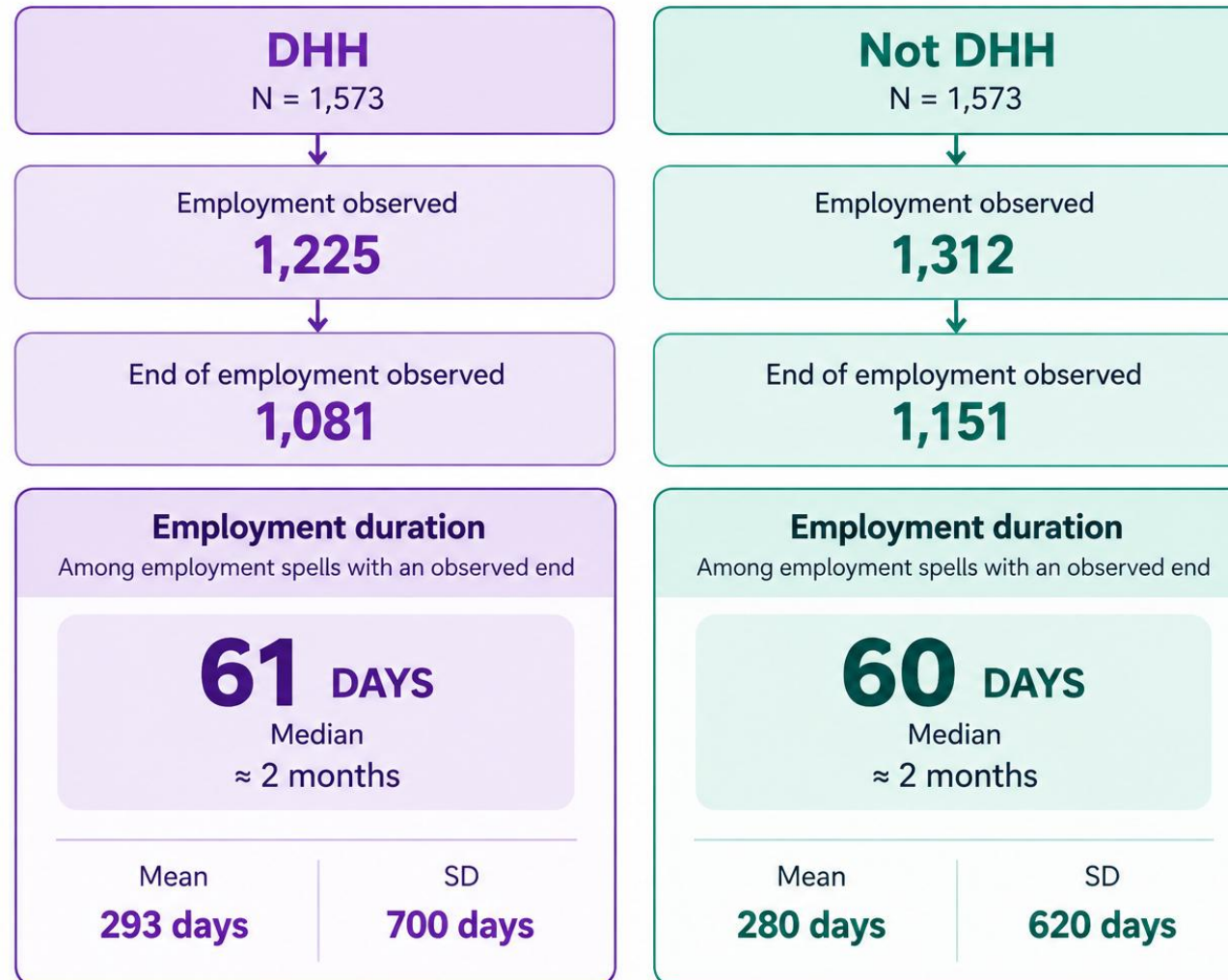
What happens after finding a job?

How long do DHH people remain employed?
And what happens next?





Results: How long do DHH people remain employed?





Conclusions and next steps

- Transition into employment
DHH graduates seems to take longer to enter their first employment
- Duration of first employment
Durations are descriptively similar between DHH and non-DHH graduates

What comes next:

Estimate models accounting for ongoing employment people that are not observable (right censoring)
Compare DHH and non-DHH graduates incorporating covariates



Discussion

- What is important to take into account in this study?
- What are your thoughts on the possible results?
- Q&A

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