Hande Sodacı
Curriculum Vitae

⌂ | Yenidoğan Mah. Burcu Sok. 23/1 34030 Bayrampaşa – Istanbul (TR)
☎ | +90 (537) 2921904
✉ | sodaci92@gmail.com

ABOUT ME

Enthusiastic about psychology of multilingualism. Hard-working, curious to learn more, a critical and creative thinker. Respectful and appreciative. A big fan of search engines and comedy genre.

PUBLICATIONS AND PREPRINTS

Sodacı, H., Backus, A., & Kootstra, G. J. (2019, February 13). Role of structural priming in contact-induced change: Subject pronoun expression in L1 Turkish by Turkish-Dutch bilinguals. PsyArxiv (preprint). DOI:10.31234/osf.io/2uxej

EDUCATION

2016 – 2018	**Language & Communication**	
	RESEARCH MASTER	
	Radboud University, Nijmegen (GPA : 8 / 10) (with cum laude)	
2011 – 2016	**Psychology**	
	BACHELOR OF ARTS	
	Boğaziçi University, Istanbul (GPA: 3.21 / 4.00) (with Honors)	
2014 – 2016	**Linguistics**	
	CERTIFICATE	
	Boğaziçi University, Istanbul	

TECHNICAL SKILLS

SOFTWARE	MS Office Apps, SPSS, JASP, ELAN, OpenSesame, LaTeX
PROGRAMMING	R – Good, Python – Intermediate
OPERATION SYSTEMS	Windows, Linux

HONORS/AWARDS

2016 – 2018	**Holland Scholarship**
	The Dutch Ministry of Education, Culture and Science
2016 – 2018	**Higher Education Scholarship for Studying Abroad**
	The Turkish Ministry of Youth and Sports
2011 – 2016	**Higher Education Scholarship**
	The Turkish Ministry of Youth and Sports*

*This scholarship is offered to students ranked within the first 100 in National Student Selection and Placement Exam in Turkey.

LANGUAGES SPOKEN

TURKISH	Native
ENGLISH	Toefl iBT = 104

WORKSHOPS ATTENDED

Summer Institute in Computational Social Science
(Kadir Has University, June 17-28, 2019)

- Ethics in computational social science
- Text as data and automated text analysis
- Digital traces and web scraping
- Surveys in digital research
- Online experiments

COM2017 Winterschool Multilingualism
(University of Groningen, November 9-11, 2017)

- Analyses of lexical diversity using CHILDES and Coh-metrix (Prof. Jeanine Treffers-Daller)
- Eliciting, analyzing and assessing child narratives with MAIN (Multilingual Assessment Instrument for Narratives) (Prof. Ute Bohnacker)
- Language ideologies and the linguistic construction of social identities in multilingual settings (Prof. Janet Fuller)

WORK EXPERIENCE

JULY 2019 – PRESENT
Eğitim Reformu Girişimi, Istanbul

Internship

I worked in the division of Education Observatory and was primarily responsible for developing a data literacy project. The project's first stage concerned drafting a data literacy training module. I also conducted data analyses and created data visualizations on the organization's own data sets.

RESEARCH EXPERIENCE

JANUARY 2018 – AUGUST 2018
Radboud University, Nijmegen

Master's thesis: Role of structural priming in contact-induced change

In a psycholinguistic experiment, I investigated the role of structural priming in the ongoing contact-induced change of subject pronoun expression in Turkish spoken in the Netherlands. I explored 1) whether structural priming can be used as a tool to study changes in subject pronoun use, 2) whether language co-activation results in a cross-linguistic structural priming effect on subject pronoun use, 3) whether language dominance modulates

the structural priming effects. Here you can reach a full-text of the thesis can be reached.
Supervisors: Prof. Dr. Albert (Ad) Backus, Dr. Gerrit Jan Kootstra

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OCTOBER 2017 – FEBRUARY 2018
Tilburg University, Tilburg

Internship

I wrote a term paper on linguistic interdependence in Turkish-Dutch bilinguals, and conducted a qualitative analysis on a written-language corpus collected from the same target group and their monolingual Turkish-speaking peers to describe and compare the nature and frequency of errors the two groups have made. This internship taught me how to work with corpus data and provided me with the chance to reveal the consequences of Turkish-Dutch contact on academic writing skills.
Supervisor: Prof. Dr. Kutlay Yağmur

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FEBRUARY 2017 – FEBRUARY 2018
Tilburg University, Tilburg

Project: The effect of L1 use in L2 tutoring using social robots

As a part of the H2020 project L2tor, I designed and ran an experiment with 4-year-old Turkish-Dutch bilingual children to explore the effect of using L1 in L2 tutoring. I had the opportunity to experience almost every step of an experimental project (e.g., experimental design, stimuli preparation, implementation of the lesson on the robot, pilot testing, data analysis) while collaborating with project partners from Utrecht University. This project is now at the stage of writing a publication.
Supervisors: Assoc. Prof. Paul Vogt, Asst. Prof. Rian Aarts

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JANUARY 2017 – JUNE 2017
Tilburg University, Tilburg

Project: L2TOR – Second language tutoring using social robots

I conducted a literature search on the possible difficulties that Turkish-speaking children might face while learning Dutch as L2. I coded and analyzed qualitative data on nonverbal communication used in human tutoring contexts and helped to adapt the findings to robot tutoring contexts.
Supervisors: Prof. Dr. Emiel Krahmer, Assoc. Prof. Paul Vogt

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SEPTEMBER 2016 – JANUARY 2017
Radboud University, Nijmegen

Project: Gesture rate transfer in the narratives of Turkish-Dutch heritage speakers

I assisted the researchers with the gesture coding and the data analysis. I learned how to do gesture coding using the software ELAN. It was the very first project where I learned about bilingualism, cross-language transfer and interaction and heritage speakers, which later became my research interests.
Supervisors: Prof. Dr. Aslı Özyürek, Zeynep Azar

APRIL 2016 – JUNE 2016
Boğaziçi University, Istanbul

Project: Acquisition of complementation and case in Turkish

I assisted the researcher in data collection. This job required working with 4-year-old children.
Supervisor: Assoc. Prof. Dr. Mine Nakipoğlu

JULY 2015 – AUGUST 2015
Koç University, Istanbul

Project: Facilitation of language development via short-term training

I assisted the researchers in data collection and analysis. This job required working with children.
Supervisor: Prof. Dr. Aylin Küntay

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APRIL 2015 – MAY 2015
Boğaziçi University, Istanbul

Project: Morphological bootstrapping in acquisition of Turkish

As part of the course *Language Acquisition*, I designed and ran an experiment where I explored the role of morphological bootstrapping in word learning in 4- and 5-year-old Turkish-speaking children. It was an exciting project for it was the first time I worked with child participants.
Supervisor: Prof. Dr. Ayhan Aksu Koç

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FEBRUARY 2014 – MAY 2014
Boğaziçi University, Istanbul

Project: False memory in L1 and L2

As final project of the course *Experimental Psychology*, I designed and ran an experiment where I investigated whether false memory phenomenon also occurs in L2. It was the first comprehensive experimental study I ever conducted as part of a small team. I learned so much regarding experimental design and procedures in this project.
Supervisor: Asst. Prof. Dr. Elif Aysimi Duman

COURSES TAKEN

Online

- Open Research Software and Open Source

During Master studies

- Using and Acquiring Multiple Languages
- First Language Acquisition
- Multimodal Context of Language: Gesture and Sign Languages
- Language and the Senses
- Language and Thought
- Data Processing (with Python)
- Explorative Data Analysis (with R)

During Bachelor studies

- Language Acquisition
- Psychology of Communication: Relations between Language and Cognition
- Brain and Language
- Experimental Psychology
- Introduction to Neuroscience: Brain and Behavior