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## Collecting data from human participants

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#### Rationale

- UPSKILLS originally aimed at developing three sets of skills: research skills, data acquisition skills and data handling skills.
- Skills related to collecting data from human participants were thought as being part of the data acquisition skills.
- However, the needs analysis (IO1) did not reveal the need for these skills.
- Nevertheless, these skills are important for academic research and for research-based teaching.

#### Learning block basic information

Workload: 6 ECTS

Designers: Tihana Kraš (University of Rijeka), Martina Podboj (University of Rijeka), Marko Simonović (University of Graz)

Thematically, the learning block is divided into four modules:

- 1. General (1 ECTS)
- 2. Word-level phenomena (morphophonology and morphosyntax) (1.5 ECTS)
- 3. Second language acquisition (1.75 ECTS)
- 4. Sociolinguistics (1.75 ECTS)
- + Two optional student projects (3 ECTS)
- "Irregular" phonological alternations
- Second language acquisition of English morphosyntax

#### Learning outcomes

GENERAL

- Explain what data sources are used in linguistic research
- Explain what human participants are
- Choose a suitable method to collect data from human participants in linguistic research
- Apply ethical principles and practices to collect data from human participants in linguistic research
- Sample participants in linguistic research projects

#### WORD-LEVEL PHENOMENA

- Design a judgement elicitation survey/study targeting a word-level phenomenon
- Design an elicited production survey/study targeting a word-level phenomenon

#### Learning outcomes

#### SECOND LANGUAGE ACQUISITION

- Design a comprehension task in second language acquisition
- Design a production task in second language acquisition
- Design an acceptability judgement task in second language acquisition

#### SOCOLINGUISTICS

- Plan and conduct ethnographic fieldwork for a small-scale sociolinguistic study
- Plan and conduct data collection through sociolinguistic interviews
- Plan and conduct data collection through surveys and questionnaires in sociolinguistics

#### Thematic unit structure

Modules consist of thematic units (2-3). Each thematic unit includes:

- Preparatory reading assignment or a warm-up activity
- PPT presentation accompanied by notes for teachers and a handout for students, or by a screencast
- Reading assignment(s)
- Research assignment(s)
- Reading list
- Summative quiz

#### Activity example: Setting up an experiment/survey online

Section: Word-level phenomena: Judgement tasks

• Intro to judgement data

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• Judgement tasks

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• Experiments and surveys

o ...

• Setting up an experiment/survey online

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#### Activity example: Setting up an experiment/survey online

Selected platforms: Google forms & PsyToolkit

The students set up an experiment, using provided templates and instructions.

The templates feature examples from the presentations.

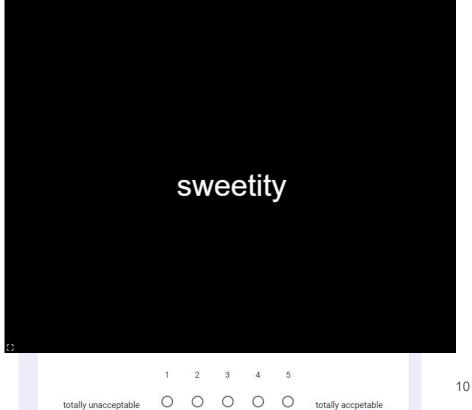
Specifically, the stimuli are:

- nominalisations in *-ness* of adjectives that normally combine with *-ity* (e.g., *stupidness*) and
- nominalisations in *-ity* of adjectives that normally combine with *-ness* (e.g., hardity).

• Google forms: Likert scale

* Required						
They've had a chuckle a	t his ST	JPIDNE	SS. *			
	1	2	3	4	5	
totally unacceptable	0	0	0	0	0	totally accpetable
totally unacceptable	1 O	2 ()	з О		5 ()	totally accpetable
We use stainless steel r	naterial	to ensu	re its H	ARDITY	. <b>*</b>	
	1	2	3	4	5	

- Google forms: Likert scale
- Psytookit: Lexical Decision Task



- Google forms with a Likert scale
- Psytookit Lexical Decision Task
- Psytookit Survey
  - various presentation options

OT	of items completed												
				your variety of English?									
		Item A hardity	Acceptal	ble	Somew	hat d	egrade	ed Degraded	Heavily	degrade	ed Un		
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			1	2	3	4	5				1 1		
	total	ly unacceptable	0	0	0	0	0	totally accpetab	le		11		

- Google forms with a Likert scale
- Psytookit Lexical Decision Task
- Psytookit Survey
  - various presentation options

Item	Acceptable	Somev	vhat de	egraded	Deg	raded	Heavily degraded	Unacceptabl
hartdity	0		0		(	C	0	0
desk	0		0		(	C	0	0
sweetity	0		0		(	C	0	0
stupidness	0		0		(	C	0	0
diverseness	0		0		(	C	0	0
mrowse	0		0		(	C	0	0
lightity	0		0		(	C	0	0
tleep	0		0		(	C	0	0
bwood	0		$\bigcirc$		(	C	0	0
stupidness	0		0		(	C	0	0
matureness	0		0		(	C	0	0
highness	0		0		(	C	0	0
electricity	0		0		(	C	0	0
desk	0		0		(	C	0	0
chair	0	0			(	C	0	0
cookie	0		0		(	C	0	0
		1	2	3	4	5		
totally ı	inacceptable	0	0	0	0	0	totally accpetable	

To what extent is the following word acceptable in your variety of English?

# Incorporation into the thematic unit Experiments and surveys

- 2. .....
- 3. Warm-up activity: Case studies students will work on
- 4. 15-minute lecture on Experiment creation
- 5. Familiarisation with online platforms for survey creation
- 6. Filler creation
- 7. Creating 2 experiments using the same stimuli
- 8. Final version of the experiment.
- 9. ....

#### Activity for today: Formal(ish) data collection in your classes

Can formal(ish) data collection be a minor homework activity? Simple hypothesis that arise during your courses that can be tested in a mini experiment?

- 1-minute thinking + 1-minute discussion with your neighbour, then plenary
  - Example hypotheses
  - What kind of tools would you need to have in place for this?
    - Experiment templates, fillers?