



Corpus-based categorization research

Naming variation

different registers stratification

2 national varieties pluricentricity

		JOB			# words
		betrekking	baan	job	
BeDu	std	40%	40%	20%	1 concept
	colloq	10%	40%	50%	
NeDu	std	40%	30%	30%	# words
	colloq	40%	40%	20%	

Meaning variation

1 word

# meanings

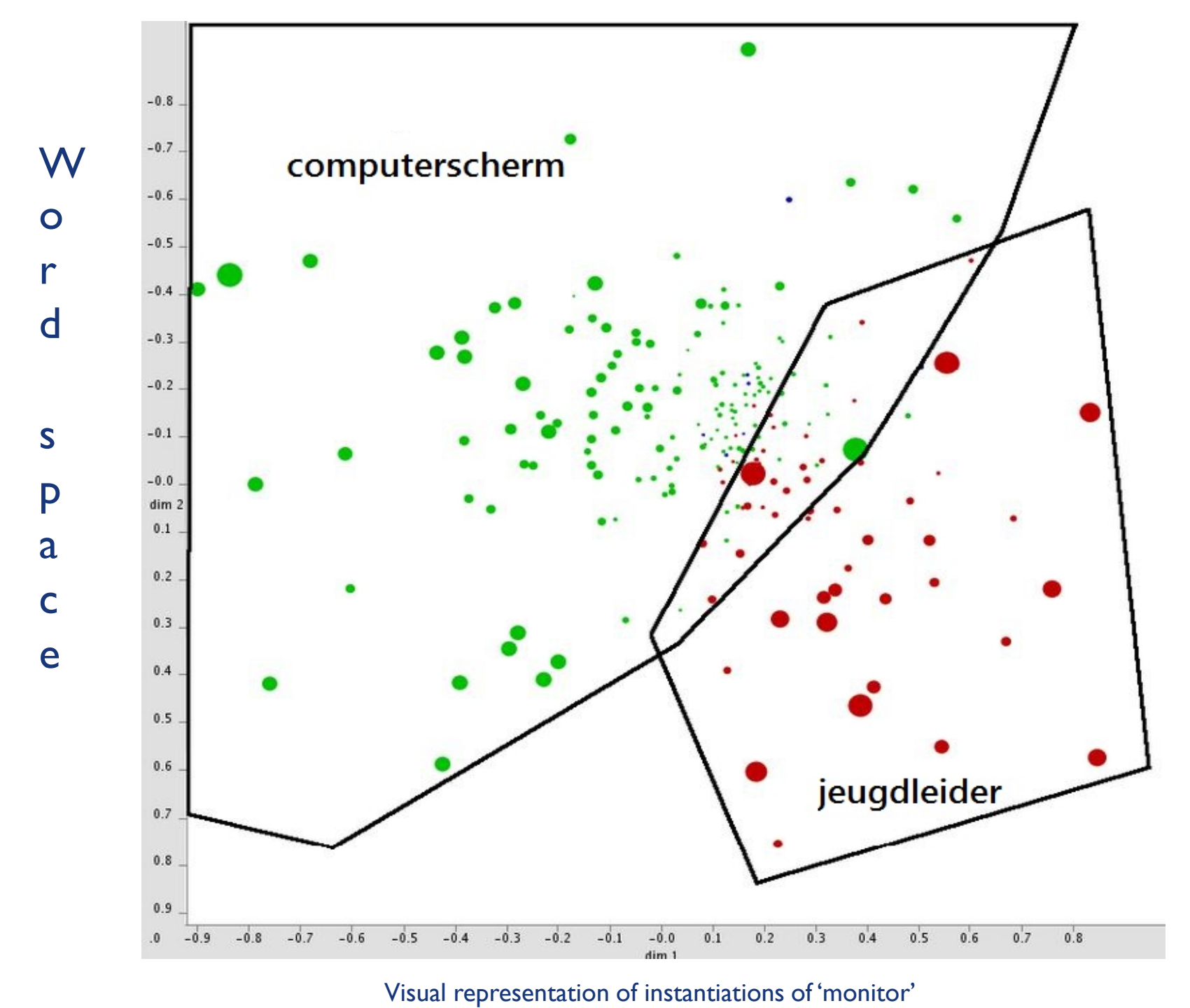
		monitor		
		'scherm'	'jeugtleider'	
BeDu	std	80%	20%	1 concept
	colloq	60%	40%	
NeDu	std	100%	0%	# words
	colloq	100%	0%	

Profile-based uniformity measure

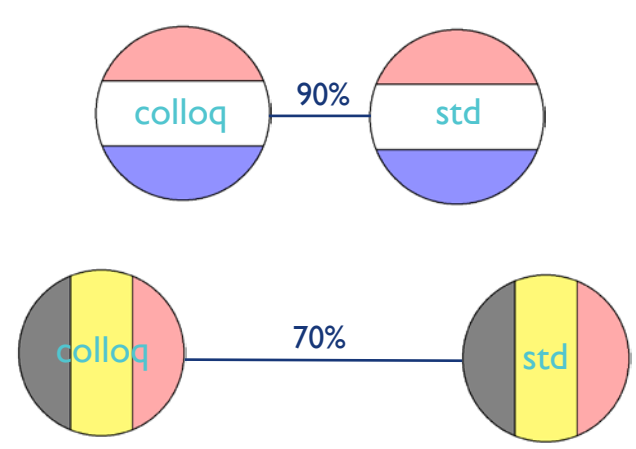
$$U_Z(Y_1, Y_2) = \sum_{i=1}^n \min(F_{Z, Y_1}(x_i), F_{Z, Y_2}(x_i))$$

Words that appear in the same context tend to have a similar meanings (Harris 1954)

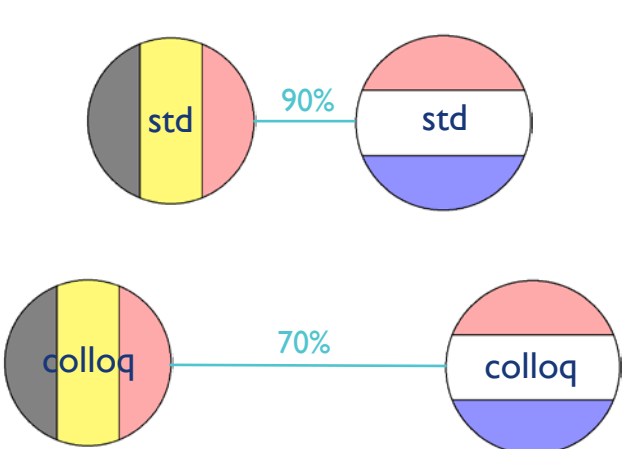
Collocate frequencies



stratification

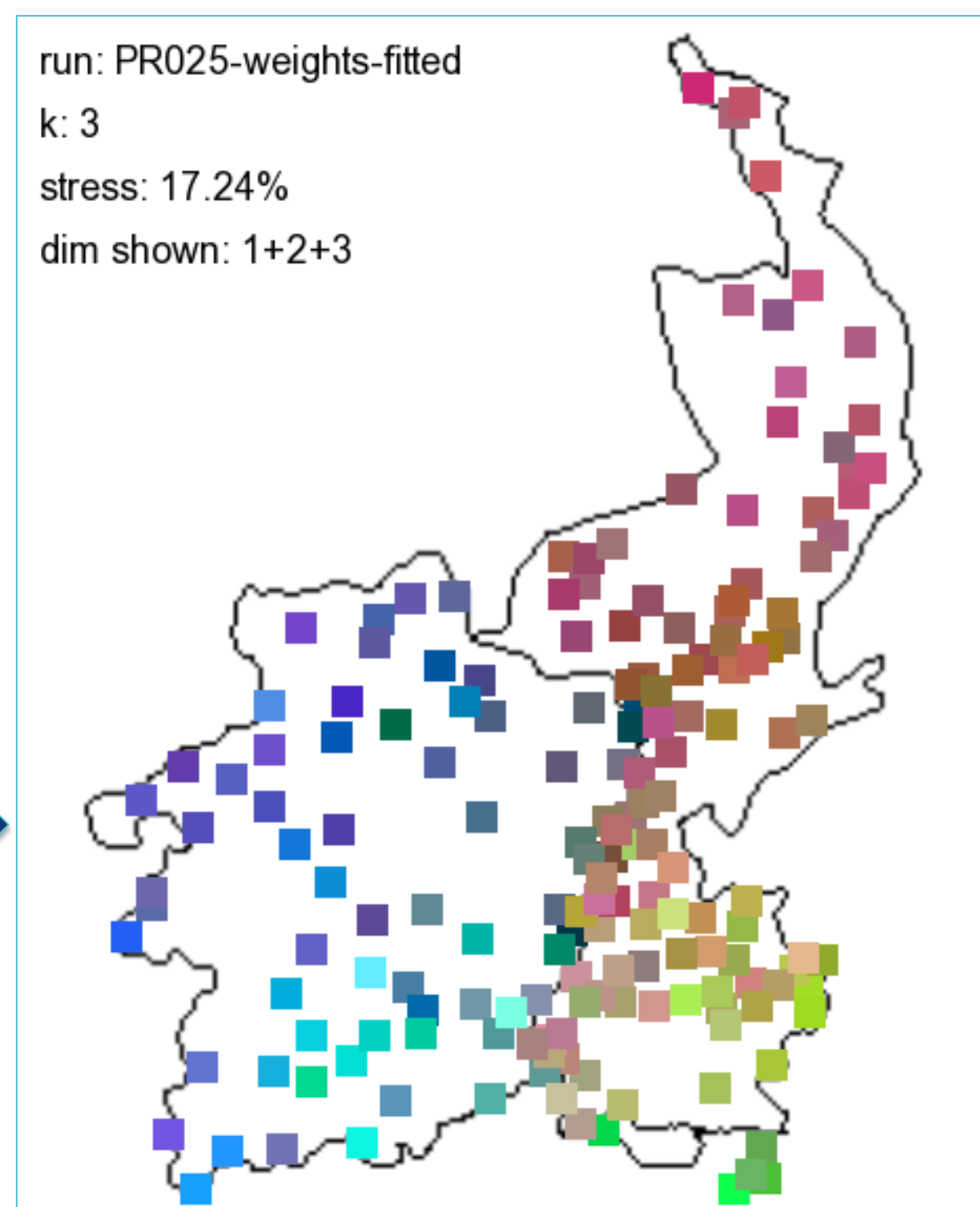
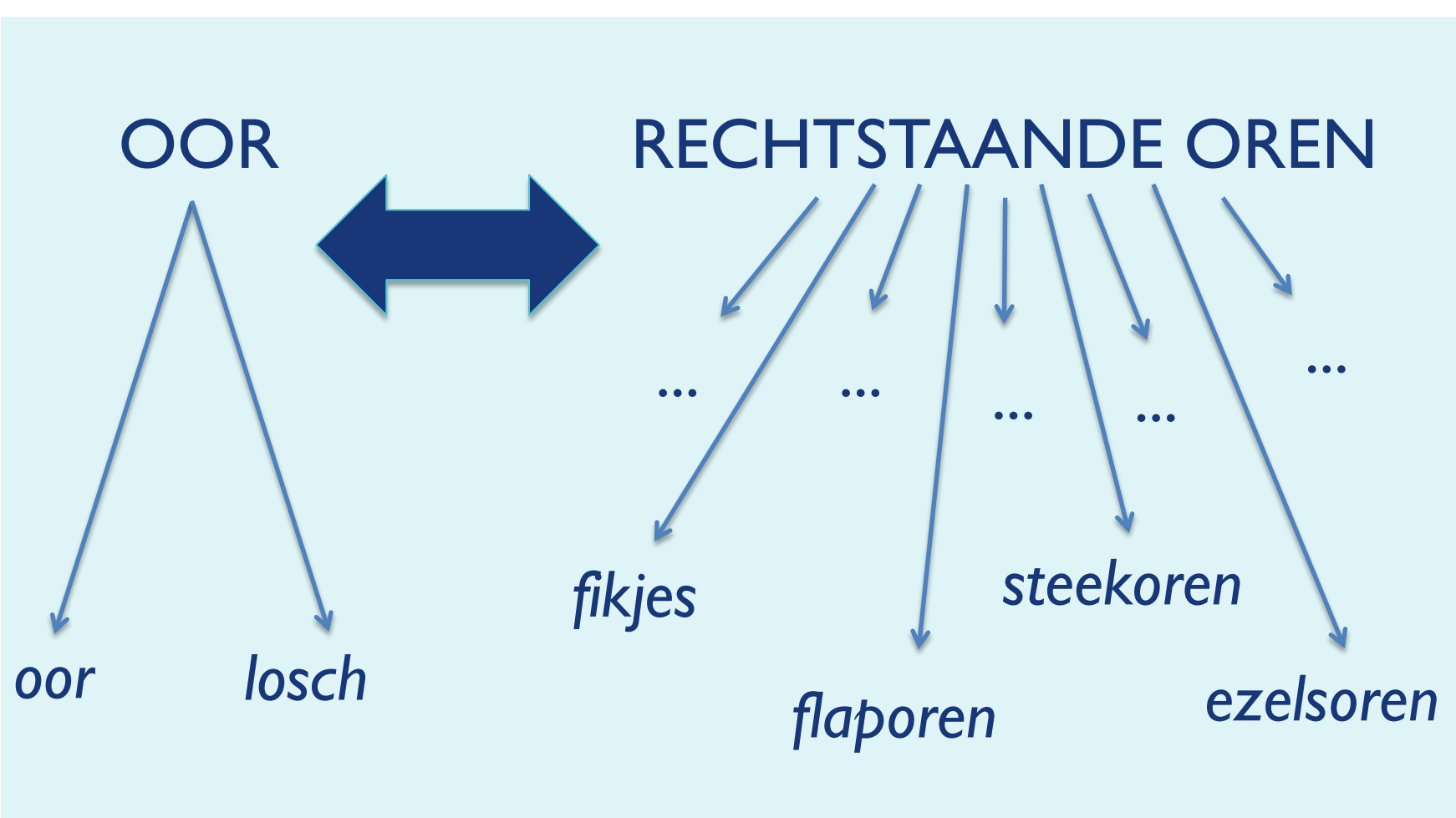


pluricentricity



Do concept characteristics influence geographical variation?

e.g. negative affect of concept:



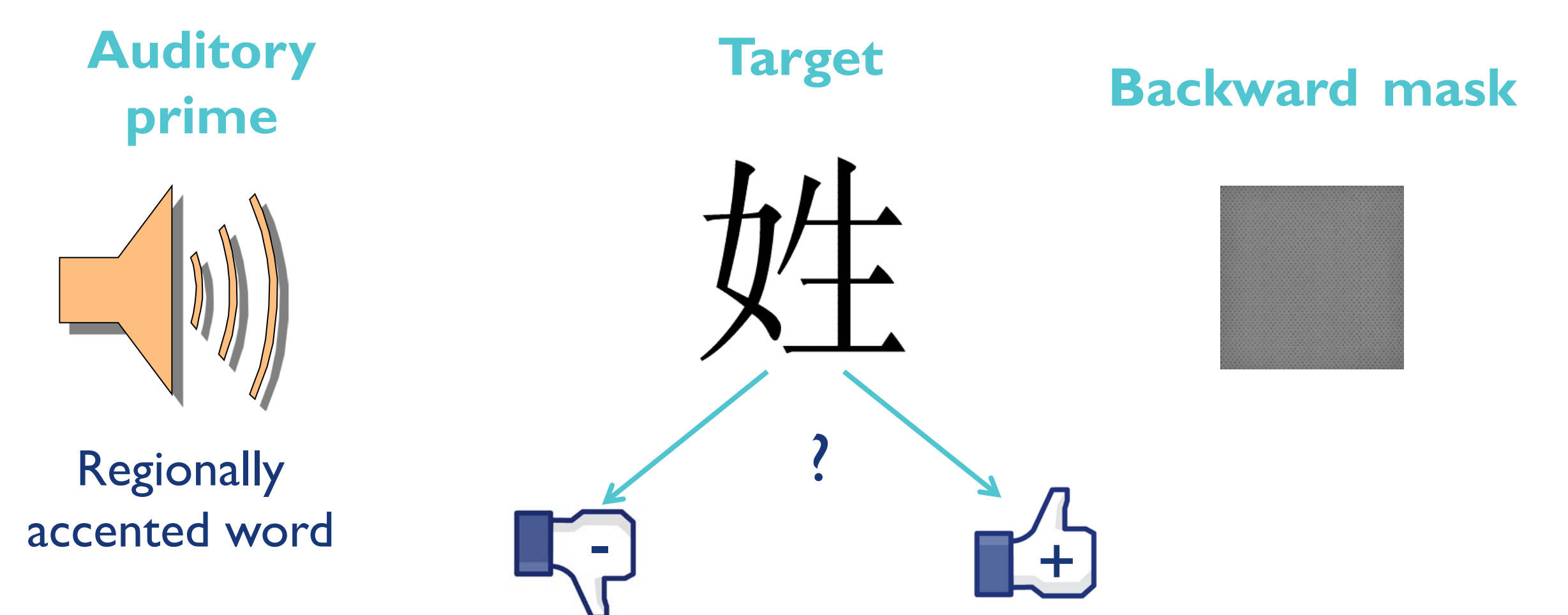
Pilot studies:  
Geeraerts & Spielman 2010  
Spielman & Geeraerts 2009

Using indirect (priming) techniques to measure variation in language attitudes

Aim: Measuring variation in attitudes towards varieties of Dutch

How: Innovating measures for implicit attitudes from the field of social psychology for use with auditory stimuli

Example: Auditory Affective Misattribution Procedure



Geographical variation

Perceptual variation

Sociolectometry