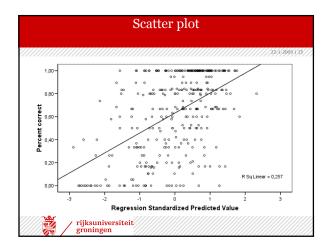
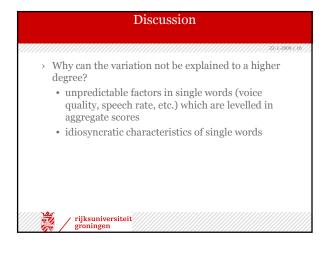


Results				
		22-1-2009		
> Intelligibility: 57.7 % co	rrect identific	ations of the cognates		
> Explaining factors:				
1 0				
Table 1: Correlation of the intelli				
Factor	Correlation (r)			
Levenshtein distance	33	< .001		
Foreign sounds	13	< .05		
Word-length of Swedish words		< .001		
Word accent difference	.01			
Difference in syllable number	25	< .001		
Lexical tones	.04			
Stød	02			
Neighbourhood density	17	< .01		
Etymology	1			
Orthography	.21	< .001		
	.04			

			22-1-200
entered	d variables	model	result
enter all ling	uistic factors	all linguistic factors	$R = .51, R^2 = .26$ p < .001
Stepwise 1 st all ling step	guistic factors	Levenshtein distance	$R = .34, R^2 = .11$ p < .001
Stepwise 2 nd all ling step	uistic factors	Levenshtein distance, orthography	$R = .44, R^2 = .19$ p < .001
tepwise 3 rd all ling tep	uistic factors	Levenshtein distance, orthography, different syllable number	$R = .47, R^2 = .22$ p < .001
stepwise 4 th all ling step	guistic factors	Levenshtein distance, orthography, different syllable number, neighbourhood density	$R = .49, R^2 = .23$ p < .001
Stepwise 5 th all ling tep	uistic factors	Levenshtein distance, orthography, different syllable number, neighbourhood density, word frequency	R = .50, R ² = .24 p < .001





Some characteristics Confusion with other languages learned Swedish art 'sort' - Danish kunst 'art' neighbourhood closeness Swedish fel [fe:l] 'mistake' translated as Danish fæl [fæ'l] 'foul' instead of correct fejl [faj'l] non-corresponding phonemes Swedish stat [sta:t] 'state' translated as Danish start [sda:'d] 'start' instead of correct stat [sde:'d] Swedish frukt 'fruit' translated as Danish frygt 'fear' instead of correct frugt