Table S1. *F-values for omnibus and follow up analyses of ERP effects to Swedish word order for -200 to 0 baseline.*

	Variables	df	300-500 ms F	η_p^2	500-700 ms F	η_p^2	700-900 ms F	η_p^2	900-1000 ms F	η_p^2
	Word order	1, 45					25.42***	.36	16.97***	.27
	Word order x Hemisphere	1, 45					5.66*	.11	5.37*	.11
	Word order x Lateral	1, 45					21.50***	.32	15.22***	.25
	Word order x Ant/post	5, 225	21.85***	.33	7.34**	.14	5.42*	.11		
	Word order x Group	2, 45	3.58*	.14						
	Word order x Lateral x Group	2, 45	3.57*	.14						
	Word order x Ant/post x Group	10, 225	6.53**	.23	3.00*	.12	4.78**	.18	7.46***	.25
F	Word order	1, 45			8.98***	.15	25.07***	.36	10.16***	.18
	Word order x Lateral	1, 45	13.99***	.24						
	Word order x Hemisphere	1, 45								
	Word order x Group	2, 45	11.06***	.33	5.77***	.20	4.98*	.18	10.91***	.33
	Word order x Group x Lateral	2, 45			6.20***	.22			3.33*	.13
	Word order x Swe/Ger	1, 32	7.86**	.20	5.89*	.16			11.13***	.26
	Word order x Swe/Eng	1, 32	18.39***	.37	9.41***	.23	8.81***	.22	18.98***	.37
	Word order x Ger/Eng	1, 26	4.65*	.15						
FT	Word order	1, 45			7.84*	.15	28.21***	.39	12.72***	.22
	Word order x Hemisphere	1, 45			5.77*	.12				
	Word order x Lateral	1, 45	23.95***	.35			4.42*	.09		
	Word order x Group	2, 45	6.79***	.23	3.48*	.13				
	Word order x Swe/Ger	1, 32	6.09*	.16	5.97*	.16				
	Word order x Swe/Eng	1, 32	11.59***	.27	5.41*	.14				
T	Word order	1, 45			4.36*	.09	29.50***	.40	15.45***	.26
	Word order x Hemisphere	1, 45			4.23*	.09				
	Word order x Lateral	1, 45	13.75***	.23			15.82***	.26	12.75***	.22
	Word order x Group	1, 45	3.89*	.15					3.31*	.13
	Word order x Swe/Ger	1, 32	4.26*	.12					4.45*	.12
	Word order x Swe/Eng	1, 31	6.81*	.18					5.24*	.14
C	Word order	1, 45	7.39**	.14			23.91***	.35	14.30***	.24
	Word order x Hemisphere	1, 45								
	Word order x Lateral	1, 45					28.38***	.39	23.66***	.35
P	Word order	1, 45	20.64***	.31			15.88***	.26	15.32***	.25
	Word order x Hemisphere	1, 45					9.94***	.18	5.71*	.11
	Word order x Lateral	1, 45			6.37*	.12	35.50***	.44	27.23***	.38
	Word order x Group x Lateral	2, 45	3.73*	.14	3.53*	.14			4.10*	.15
O	Word order	1, 45	15.60***	.26			6.71*	.13	15.21***	.25
	Word order x Hemisphere	1, 45	4.36*	.09			17.93***	.29	7.19*	.14
	Word order x Lateral	1, 45	13.55***	.23	27.68***	.38	18.76***	.29	22.53***	.33
	Word order x Group x Lateral	2, 45			3.83*	.15			4.28*	.16

Note. Word order (condition effect, V2/V3), Hemisphere (left/right), Lateral (lateral/medial), Ant/post (anterior/posterior channels, up to 6 levels), Group (native speakers: Swedish/German/English), F: frontal, FT: fronto-temporal, T: temporal, C: central, P: parietal, O: occipital. Only significant and no more than 3-level interactions are reported. Only licensed follow ups are performed and reported. Bonferroni corrected *p*s .008.

p < .05
**p* < .01
***p* < .008

Table S2. *F-values for omnibus and follow up analyses of ERP effects to Swedish word order for 0 to 200 baseline.*

	Variables	df	300-500 ms F	η_p^2	500-700 ms F	η_p^2	700-900 ms F	η_p^2	900-1000 ms F	η_p^2
	Word order	1, 45			12.22***	.21	39.02***	.46	28.92***	.39
	Word order x Hemisphere	1, 45	14.38***	.24	22.56***	.33				
	Word order x Lateral	1, 45					25.61***	.36	18.76***	.29
	Word order x Ant/post	5, 225	10.41***	.19					6.00*	.12
	Word order x Group	2, 45	5.46**	.20						
	Word order x Lateral x Group	2, 45	3.85*	.15						
	Word order x Ant/post x Group	10, 225	3.79*	.14			3.09*	.12	6.04***	.21
F	Word order	1, 45	8.45***	.16	12.04***	.21	29.93***	.40	14.94***	.25
	Word order x Lateral	1, 45					10.64***	.19		
	Word order x Hemisphere	1, 45	15.83***	.26	13.55***	.23				
	Word order x Group	2, 45	10.56***	.32	4.44*	.17	4.24*	.16	10.27***	.31
	Word order x Group x Lateral	2, 45	7.18***	.24						
	Word order x Swe/Ger	1, 32	7.25*	.19					10.02***	.24
	Word order x Swe/Eng	1, 32	16.53***	.34	7.27*	.19	7.15*	.18	17.22***	.35
	Word order x Ger/Eng	1, 26	5.04*	.15						
FT	Word order	1, 45	5.68*	.11	13.98***	.24	37.64***	.46	21.00***	.32
	Word order x Hemisphere	1, 45	16.10***	.26	19.99***	.31				
	Word order x Lateral	1, 45	6.17*	.12			14.98***	.25	7.82**	.15
	Word order x Group x Lateral	2, 45	4.70*	.17						
	Word order x Swe/Ger	1, 32	5.00*	.14						
	Word order x Swe/Eng	1, 32	12.12***	.28						
T	Word order	1, 45			13.11***	.23	43.35***	.49	27.01***	.38
	Word order x Hemisphere	1, 45	13.86***	.24	24.39***	.35				
	Word order x Lateral	1, 45	5.96*	.12			22.21***	.33	17.60***	.28
	Word order x Group	1, 45	5.85***	.21					3.69*	.14
	Word order x Swe/Eng	1, 32	9.12***	.22					6.03*	.16
C	Word order	1, 45			9.04***	.17	39.93***	.47	27.47***	.38
	Word order x Hemisphere	1, 45	13.84***	.24	23.26***	.34				
	Word order x Lateral	1, 45					29.72***	.40	25.44***	.36
	Word order x Group	1, 45	3.41*	.13						
	Word order x Swe/Eng	1, 32	5.91*	.16						
P	Word order	1, 45			5.72*	.11	31.70***	.42	29.45***	.40
	Word order x Hemisphere	1, 45	9.36***	.17	17.31***	.28				
	Word order x Lateral	1, 45					31.38***	.41	25.23***	.36
	Word order x Group x Lateral	2, 45							3.49*	.13
O	Word order	1, 45			4.34*	.09	16.58***	.27	28.11***	.38
	Word order x Hemisphere	1, 45	5.34*	.11	7.44**	.14	4.60*	.09		
	Word order x Lateral	1, 45							5.44*	.11

Note. Word order (condition effect, V2/V3), Hemisphere (left/right), Lateral (lateral/medial), Ant/post (anterior/posterior channels, up to 6 levels), Group (native speakers: Swedish/German/English), F: frontal, FT: fronto-temporal, T: temporal, C: central, P: parietal, O: occipital. Only significant and no more than 3-level interactions are reported. Only licensed follow ups are performed and reported. Bonferroni corrected *p*s .008.

*p < .05
**p < .01
***p < .008

Table S3. *F-values for within group analyses of ERP effects for baseline -200 till 0*

Group Sites	Variables	df	300-500 ms F	η_p^2	500-700 ms F	η_p^2	700-900 ms F	η_p^2	900-1000 ms F	η_p^2
Swe	Word order	1, 19	40.22***	.68			10.77***	.36		
	Word order x Lateral	1, 19	53.64***	.74	8.97***	.32	8.81**	.32		
	Word order x Hemisphere	1, 19					8.47**	.31		
	Word order x Hemisphere x Lateral	1, 19					18.65**	.50	9.67**	.34
	Word order x Ant/post	5, 95							26.87***	.59
	Word order x Lateral x Ant/post	5, 95	35.11***	.65	13.17***	.41	11.04***	.37	9.79***	.34
	Word order x Hemisphere x Ant/post	5, 95					3.90*	.17		
F	Word order	1, 19	10.39***	.35					7.98*	.30
	Word order x Lateral	1, 19	114.64***	.86	17.37***	.48			8.35**	.31
FT	Word order	1, 19	11.71***	.38			4.42*	.19		
	Word order x Lateral	1, 19	88.74***	.82	19.90***	.51				
T	Word order	1, 19	18.56***	.49			11.78***	.38		
	Word order x Lateral	1, 19	55.18***	.74	9.14***	.33	6.30*	.25		
C	Word order	1, 19	32.77***	.63			15.36***	.55		
	Word order x Lateral	1, 19	25.41***	.57			16.79***	.47	8.39**	.31
	Word order x Hemisphere	1, 19					6.15*	.25		
P	Word order	1, 19	45.54***	.71			18.63***	.50	10.54***	.36
	Word order x Lateral	1, 19	11.71***	.38			15.25***	.45	7.34*	.28
O	Word order	1, 19	16.29***	.46			12.33***	.39	15.31***	.45
	Word order x Hemisphere	1, 19					22.19***	.54		
Ger	Word order	1, 13					28.20***	.68	16.45***	.56
	Word order x Lateral	1, 13					13.36***	.51	9.34**	.42
	Word order x Lateral x Hemisphere	1, 13	7.82*	.38						
	Word order x Lateral x Ant/post	5, 65	7.50***	.37	6.81***	.34	14.37***	.53	19.87***	.60
F	Word order	1, 13			4.88*	.27	10.52***	.45		
	Word order x Lateral	1, 13	6.02*	.32						
	Word order x Hemisphere	1, 13			5.24*	.29				
FT	Word order	1, 13			7.24*	.36	27.67***	.58	7.71*	.37
	Word order x Lateral	1, 13					5.24*	.29		
	Word order x Hemisphere	1, 13			5.81*	.31				
T	Word order	1, 13					25.92***	.67	12.01***	.48
	Word order x Lateral	1, 13					13.10***	.50	11.18***	.46
C	Word order	1, 13					31.13***	.71	11.77***	.48
	Word order x Lateral	1, 13					17.83***	.58	15.49***	.56
P	Word order	1, 13					25.43***	.66	12.12*((	.48
	Word order x Lateral	1, 13			7.09*	.35	19.46***	.60	15.75***	.55

		df	F	η^2	F	η^2	F	η^2	F	η^2
O	Word order	1, 13					7.34*	.36	9.87**	.43
	Word order x Lateral	1, 13			11.91***	.48	6.17*	.22	7.97*	.38
Eng	Word order	1, 13					4.83*	.27	5.19*	.29
	Word order x Lateral	1, 13					5.06*	.28	5.08*	.28
	Word order x Ant/post	1, 13	22.03***	.63	8.36***	.39	6.52*	.33		
	Word order x Lateral x Ant/post	5, 65	4.26*	.25			7.58**	.37	6.31*	.33
F	Word order	1, 13	8.06*	.38	6.17*	.32	11.51***	.47	9.72**	.43
FT	Word order	1, 13					8.90*	.41	7.75*	.37
T	Word order	1, 13					6.27*	.33	5.69*	.31
C	Word order x Lateral	1, 13					5.59*	.30	5.54*	.30
P	Word order x Lateral	1, 13					8.49*	.41	8.06	.38
O	Word order	1, 13	5.98*	.32						
	Word order x Lateral	1, 13	7.12*	.35	10.64***	.45	12.07***	.47	13.48***	.51

Note. Word order (condition effect, V2/V3), Hemisphere (left/right), Lateral (lateral/medial), Ant/post (anterior/posterior channels, up to 6 levels), Group (native speakers: Swedish/German/English), F: frontal, FT: fronto-temporal, T: temporal, C: central, P: parietal, O: occipital. Only significant and no more than 3-level interactions are reported. Bonferroni corrected *p*s .008.

*$p < .05$
**$p < .01$
***$p < .008$

Table S4. *F-values for within group analyses of ERP effects for baseline 0 till 200*

Group			300-500 ms		500-700 ms		700-900 ms		900-1000 ms	
Sites	Variables	df	F	η_p^2	F	η_p^2	F	η_p^2	F	η_p^2
Swe	Word order	1, 19	14.84***	.44			27.29***	.59	13.87***	.42
	Word order x Lateral	1, 19	28.11***	.60			15.09***	.44	5.46*	.22
	Word order x Hemisphere	1, 19			10.03***	.35	4.42*	.19		
	Word order x Ant/post	5, 95							34.52***	.65
	Word order x Lateral x Ant/post	5, 95	12.42***	.40			8.57***	.31	6.69***	.26
F	Word order x Lateral	1, 19	29.02***	.60						
FT	Word order	1, 19					8.70**	.31		
	Word order x Lateral	1, 19	39.42***	.68			5.67*	.23		
	Word order x Hemisphere	1, 19			5.66*	.23				
T	Word order	1, 19	4.95*	.21	4.62*	.20	24.82***	.57	8.26*	.30
	Word order x Lateral	1, 19	29.43***	.61			18.99***	.50		
C	Word order	1, 19	11.92***	.39			38.89***	.67	16.51***	.47
	Word order x Lateral	1, 19	19.81***	.51			21.78***	.53	13.27***	.41
	Word order x Hemisphere	1, 19	5.95*	.24	13.42***	.41				
P	Word order	1, 19	13.76***	.42			47.07***	.71	30.67***	.62
	Word order x Lateral	1, 19	11.53***	.38			12.28***	.39	7.06*	.27
	Word order x Hemisphere	1, 19	5.52*	.23	12.91***	.41	5.86*	.24		
O	Word order	1, 19					21.17***	.53	37.36***	.66
	Word order x Hemisphere	1, 19					8.14*	.30		
Ger	Word order	1, 13			10.83***	.46	22.13***	.63	13.41***	.51
	Word order x Lateral	1, 13					10.42***	.45	7.38**	.36
	Word order x Hemisphere	1, 13			5.92*	.31				
	Word order x Lateral x Ant/post	5, 65					12.65***	.49	14.93***	.54
F	Word order	1, 13			6.02*	.32	15.00***	.54	6.64*	.34
	Word order x Lateral	1, 13								
	Word order x Hemisphere	1, 13			4.84*	.27				
FT	Word order	1, 13			9.30**	.42	22.07***	.63	11.42*	.47
	Word order x Lateral	1, 13					7.81*	.38		
	Word order x Hemisphere	1, 13			6.26*	.33				
T	Word order	1, 13			10.00***	.44	22.88***	.64	12.01***	.48
	Word order x Lateral	1, 13					11.62***	.47	9.36**	.42
	Word order x Hemisphere	1, 13			6.41*	.33				
C	Word order	1, 13			6.56*	.34	22.25***	.63	10.65***	.45
	Word order x Lateral	1, 13					13.14***	.50	11.74***	.48
	Word order x Hemisphere	1, 13			4.96*	.28			4.75*	.27
P	Word order	1, 13					18.94***	.59	10.06***	.44

Group	Effect	df	F	es	F	es	F	es	F	es
	Word order x Lateral	1, 13					13.91***	.52	11.82***	.48
O	Word order	1, 13					8.60*	.40	8.46*	.39
Eng	Word order	1, 13					8.18*	.39	8.48*	.40
	Word order x Lateral	1, 13					6.15*	.32	6.02*	.32
	Word order x Hemisphere	1, 13	7.95*	.38	7.00*	.35				
	Word order x Lateral x Hemisphere	1, 13	6.06*	.32	5.24*	.29				
	Word order x Ant/post	1, 13	14.35***	.53						
	Word order x Lateral x Ant/post	5, 65					5.10*	.28	4.62*	.26
	Word order x Hemisphere x Ant/post	5, 65					4.08*	.24		
F	Word order	1, 13	9.52**	.42	6.69*	.34	12.71***	.49	10.80***	.45
	Word order x Hemisphere	1, 13	10.66***	.45	6.84*	.35				
FT	Word order	1, 13	6.90*	.35	5.57*	.30	11.35***	.47	9.91**	.43
	Word order x Hemisphere	1, 13	11.28***	.47	8.02*	.38				
T	Word order	1, 13					9.86**	.43	9.13*	.41
	Word order x Hemisphere	1, 13	7.25*	.36	6.66*	.34				
C	Word order	1, 13					7.46*	.37	7.49*	.37
	Word order x Lateral	1, 13					6.26*	.33	6.26*	.33
	Word order x Hemisphere	1, 13	7.00*	.35	7.16*	.36				
P	Word order	1, 13					4.90*	.27	6.32*	.33
	Word order x Lateral	1, 13					8.62*	.40	7.90*	.38
	Word order x Hemisphere	1, 13	5.08*	.28	4.84*	.27				
O	Word order x Lateral	1, 13							11.20***	.46

Note. Word order (condition effect, V2/V3), Hemisphere (left/right), Lateral (lateral/medial), Ant/post (anterior/posterior channels, up to 6 levels), Group (native speakers: Swedish/German/English), F: frontal, FT: fronto-temporal, T: temporal, C: central, P: parietal, O: occipital. Only significant and no more than 3-level interactions are reported. Bonferroni corrected ps .008.

*p < .05
**p < .01
***p < .008