Appendix

Table A1. 99.9% confidence set of models (based on Akaike weight *w*) among 31 candidate GAMs, resulting from AICc-driven model-selection procedure.

Predictors of AoA	AICc	R2	ΔAICc	w
s(frequency) + class/stress pattern + s(length) + morphology + syllable structure	9.432	0.21	0	0.811
s(frequency) + class/stress pattern + s(length) + morphology	9.434	0.20	2.9	0.188
Less evident models omitted	-	-	-	-

Table A2. GAM of AoA depending on class/stress pattern (R^2=0.06, *n*=2162). Baseline category: N fin.

Linear predictors	Estimate	SE	t	p
intercept	8.88	0.19	47.75	<0.001
class/stress pattern (N ini)	-0.83	0.20	-4.45	<0.001
class/stress pattern (V fin)	0.67	0.22	3.05	<0.01
class/stress pattern (V ini)	-0.63	0.24	-2.58	0.01

Table A3. GAM of AoA depending on class/stress pattern interacting with frequency (R^2=0.10, AIC=9696, *n*=2162). Intercept at 8.41 (*SE*=0.05, *t*=171, *p*<0.001).

Smooth terms	edf	F	p
s(frequency):class/stress pattern (N fin)	1.0	3.1	0.08
s(frequency):class/stress pattern (N ini)	4.0	31.6	<0.001
s(frequency):class/stress pattern (V fin)	2.5	18.6	<0.001
s(frequency):class/stress pattern (V ini)	1.0	26.9	<0.001

Table A4. GAM of AoA depending on class/stress pattern interacting with length (R^2=0.04, AIC=9832, *n*=2162). Intercept at 8.39 (*SE*=0.05, *t*=159, *p*<0.001).

Smooth terms	edf	F	p
s(length):class/stress pattern (N fin)	1.0	6.9	<0.01
s(length):class/stress pattern (N ini)	1.0	49.8	<0.001
s(length):class/stress pattern (V fin)	2.5	9.1	<0.001
s(length):class/stress pattern (V ini)	1.0	8.2	<0.01

Table A5. GAM of `AoA` depending on `class/stress pattern` interacting with `morphology` (R^2=0.06, AIC=9795, n=2162).

Linear predictors	Estimate	SE	t	p
`intercept`	8.01	0.07	112.31	<0.001
`N fin : complex`	0.79	0.40	1.99	<0.05
`N ini : complex`	-0.12	0.13	-0.90	0.37
`V fin : complex`	1.73	0.27	6.38	<0.001
`V ini : complex`	0.53	0.35	1.50	0.13
`N fin : opaque`	0.98	0.24	4.06	<0.001
`N ini : opaque`	0.17	0.12	1.49	0.14
`V fin : opaque`	1.56	0.14	10.75	<0.001
`V ini : opaque`	0.05	0.24	0.22	0.83
`N fin : simple`	0.72	0.35	2.07	0.04
`N ini : simple`	0.02	0.12	0.19	0.85
`V fin : simple`	1.25	0.27	4.55	<0.001
`V ini : simple`	0.32	0.24	1.35	0.18

Table A6. GAM of `AoA` depending on `class/stress (c/s) pattern` interacting with `syllable structure (ss)` (R^2=0.08, AIC=9754, n=2162).

Linear predictors	Estimate	SE	t	p
`intercept`	8.21	0.11	75.40	<0.001
`c/s pattern (N fin) : ss (HH)`	1.02	0.33	3.06	<0.01
`c/s pattern (N ini) : ss (HH)`	0.40	0.17	2.34	0.02
`c/s pattern (V fin) : ss (HH)`	1.60	0.20	7.78	<0.001
`c/s pattern (V ini) : ss (HH)`	1.14	0.77	1.49	0.13
`c/s pattern (N fin) : ss (HL)`	0.60	0.69	0.86	0.39
`c/s pattern (N ini) : ss (HL)`	-0.27	0.13	-1.93	0.05
`c/s pattern (V fin) : ss (HL)`	1.07	0.50	2.12	0.03
`c/s pattern (V ini) : ss (HL)`	0.22	0.25	0.86	0.39
`c/s pattern (N fin) : ss (LH)`	0.56	0.25	2.21	0.03

c/s pattern (N ini) : ss (LH)	0.70	0.24	2.87	<0.01
c/s pattern (V fin) : ss (LH)	1.13	0.18	6.20	<0.001
c/s pattern (V ini) : ss (LH)	-0.91	0.82	-1.11	0.27
c/s pattern (N fin) : ss (LL)	0.07	0.72	0.11	0.91
c/s pattern (N ini) : ss (LL)	-0.63	0.15	-3.99	<0.001
c/s pattern (V fin) : ss (LL)	1.60	0.41	3.86	<0.001
c/s pattern (V ini) : ss (LL)	-0.11	0.23	-0.50	0.62

Table A7. GAM of AoA depending on class/stress pattern, early acquisition period (AoA<6, R^2=0.02, n=370). Baseline category: N fin.

Linear predictors	Estimate (β)	SE	t	p
intercept	-1.50	0.08	-18.73	<0.001
class/stress pattern (N ini)	0.02	0.08	0.23	0.81
class/stress pattern (V fin)	0.20	0.11	1.89	0.06
class/stress pattern (V ini)	0.17	0.10	1.75	0.08

Table A8. GAM of AoA depending on class/stress pattern, late acquisition period (AoA≥6, R^2=0.03, n=1792). Baseline category: N fin.

Linear predictors	Estimate (β)	SE	t	p
intercept	0.29	0.07	5.77	<0.001
class/stress pattern (N ini)	-0.17	0.07	-2.40	0.02
class/stress pattern (V fin)	0.18	0.08	2.34	0.02
class/stress pattern (V ini)	-0.22	0.09	-2.57	0.01