

Publications based on the EPG data from the University of Toronto Phonetics Lab (by language)

Works from which the data are at least partly made available in the Cross-Language Articulatory Database are marked with an asterisk (). Some works appear twice if examining pairs of languages.*

English (L1)

Kochetov, Alexei, Laura Colantoni, & Jeffrey Steele. 2020. Variable assimilation of English word-final /n/: Electropalatographic evidence. *English Language & Linguistics* 25(4), 687-718. <https://doi.org/10.1017/S1360674320000222>

Sung, Katherine & Alexei Kochetov. 2018. Allophonic variation in English coronal stops: An EPG corpus study. *Toronto Working Papers in Linguistics* 40, Special Issue from the CRC-sponsored Phonology/Phonetics Workshops. 15 pp. <http://twpl.library.utoronto.ca/index.php/twpl/article/view/29221>

Kochetov, Alexei. 2011. Alveolar-to-rhotic coarticulation in North American English: A preliminary EPG study. *Proceedings of the 17th International Congress of Phonetics Sciences (ICPhS 2011)*, Wai-Sum Lee & Eric Zee (eds.), Hong Kong, China, 1118-1121. [link](#)

L2 English

*Colantoni, Laura, Alexei Kochetov, & Jeffrey Steele. 2023. Articulatory insights into the L2 acquisition of English-/l/ allophony. *Language & Speech*. 33 pp. <https://doi.org/10.1177/00238309231200629>

*Colantoni, Laura, Alexei Kochetov, & Jeffrey Steele. 2023. L1 influence on the L2 acquisition of English word-final nasal place contrasts: An electropalatographic study of L1 Japanese and Spanish learners. *Laboratory Phonology: Journal of the Association for Laboratory Phonology* 14(1), pp. 1–45. DOI: <https://doi.org/10.16995/labphon.6434>

*Colantoni, Laura, Kochetov, Alexei, & Jeffrey Steele. 2021. Articulatory settings and L2 English coronal consonants. *Phonetica*, 78(4), 273-316, <https://doi.org/10.1515/phon-2021-2007>

Kochetov, Alexei, Kelly-Anne Blake, Andrei Munteanu, Fiona Wilson, Jessica Yeung, & Luke Zhou. 2019. Inhibition of Korean palatalization in L2 English: Electropalatographic data. In Shin Fukuda, Mary Shin Kim, and Mee-Jeong Park (eds.), *Proceedings of Japanese/Korean Linguistics* 25. Stanford, CA: CSLI. 13 pp. [link](#)

Kochetov, Alexei, Colantoni, Laura, & Jeffrey Steele. 2018. Gradient and categorical effects in native and non-native nasal-rhotic coordination. In Gallagher, Gillian, Gouskova, Maria, & Sora Yin (eds.), *Supplemental Proceedings of the 2017 Annual*

Meeting on Phonology. Washington, DC: Linguistic Society of America. 7 pp.
<http://dx.doi.org/10.3765/amp.v5i0.4239>

French

*Colantoni, Laura, Alexei Kochetov, & Jeffrey Steele. 2024. Stop-lateral clusters in French and Spanish: Articulatory timing differences and synchronic patterns. *Languages* 9(12), 381, 24 pp. <https://doi.org/10.3390/languages9120381>

*Colantoni, Laura, Alexei Kochetov, & Jeffrey Steele. 2024. Pathways to depalatalization of the French palatal nasal in Quebec & Hexagonal French: An EPG study. *Journal of French Language Studies* 34 (2), 95-124. <https://doi.org/10.1017/S0959269523000212>

*Colantoni, Laura, Alexei Kochetov, & Jeffrey Steele. 2023. Syllable position effects with French and Spanish /l/. In R. Skarnitzl & J. Volín (Eds.), *Proceedings of the 20th International Congress of Phonetic Sciences* (pp. 937–941). Guarant International. [link](#)

*Colantoni, Laura, Alexei Kochetov, & Jeffrey Steele. 2021. Coronal stop lenition in French and Spanish: Electropalatographic evidence. *Loquens* 81(1), e080. 15 pp. <https://doi.org/10.3989/loquens.2021.080>

Steele, Jeffrey, Laura Colantoni, & Alexei Kochetov. 2019. Gradient assimilation in French cross-word /n/+velar stop sequences. *Journal of International Phonetic Association*, 49 (1), 87-108. <https://doi.org/10.1017/S0025100317000573>

Japanese

Kochetov, Alexei. 2025. Linguopalatal contact differences between Japanese geminates and singletons across different places and manners. *Journal of International Phonetic Association*, 1-30. <https://doi.org/10.1017/S0025100325100662>

*Kochetov, Alexei. 2018. Linguopalatal contact contrasts in the production of Japanese consonants: Electropalatographic data from five speakers. *Acoustical Science and Technology (Japan)* 39(2), a special issue on Speech Communication, 84-91. <https://doi.org/10.1250/ast.39.84>

Kochetov, Alexei & Yoonjung Kang. 2017. Supralaryngeal implementation of length and laryngeal contrasts in Japanese and Korean. *Canadian Journal of Linguistics/Revue canadienne de linguistique* 62(1), 1-38. <https://doi.org/10.1353/cjl.2017.0002>

Kochetov, Alexei. 2014. Voicing and tongue-palate contact differences in Japanese obstruents. *Journal of the Phonetic Society of Japan* 18, Special issue ‘Articulatory phonetics: Focus on Japanese’, 63-76. https://doi.org/10.24467/onseikenkyu.18.2_63

Kochetov, Alexei. 2012. Linguopalatal contact differences between Japanese geminate and singleton stops. *Canadian Acoustics* 40. 28-29. [link](#)

Korean

Lim, Naim, Alexei Kochetov, & Yoonjung Kang. 2023. Articulation and acoustics of Korean liquids: A case study in loanword adaptation. *Canadian Acoustics / Acoustique Canadienne*, 51(3), Proceedings of Acoustics Week in Canada 2023 Conference, 208-209. [link](#)

Kochetov, Alexei & Yoonjung Kang. 2017. Supralaryngeal implementation of length and laryngeal contrasts in Japanese and Korean. *Canadian Journal of Linguistics/Revue canadienne de linguistique* 62(1), 1-38. <https://doi.org/10.1353/cjl.2017.0002>

Spanish

*Colantoni, Laura, Alexei Kochetov, & Jeffrey Steele. 2024. Stop-lateral clusters in French and Spanish: Articulatory timing differences and synchronic patterns. *Languages* 9(12), 381, 24 pp. <https://doi.org/10.3390/languages9120381>

*Colantoni, Laura, Alexei Kochetov, & Jeffrey Steele. 2023. Syllable position effects with French and Spanish /l/. In R. Skarnitzl & J. Volín (Eds.), *Proceedings of the 20th International Congress of Phonetic Sciences* (pp. 937–941). Guarant International. [link](#)

*Colantoni, Laura, Alexei Kochetov, & Jeffrey Steele. 2021. Coronal stop lenition in French and Spanish: Electropalatographic evidence. *Loquens* 81(1), e080. 15 pp. <https://doi.org/10.3989/loquens.2021.080>

Colantoni, Laura & Alexei Kochetov. 2016. Estudio electropalatográfico del debilitamiento de /s/ y /n/ en coda en dos dialectos del español (An electropalatographic study of coda /s/ and /n/ weakening in two Spanish dialects). In: Ana Ma. Fernández Planas (ed.). *53 reflexiones sobre aspectos de la fonética y otros temas de lingüística*. Barcelona: Laboratori de Fonètica de la Universitat de Barcelona, pp. 29-37. [link](#)

Kochetov, Alexei & Laura Colantoni. 2013. An electropalatography (EPG) study of nasal-trill/lateral sequences in Spanish. *Proceedings of Meetings on Acoustics* 19. 9 pp. <https://doi.org/10.1121/1.4800067>

*Colantoni, Laura & Alexei Kochetov. 2012. Nasal variability and speech style: An EPG study of coda nasals in two Spanish dialects. *Italian Journal of Linguistics* 24, Special issue 'Articulatory techniques for sociophonetic research', 11-42. [link](#)

Kochetov, Alexei & Laura Colantoni. 2011. Spanish nasal assimilation revisited: A cross-dialect electropalatographic study. *Journal of Laboratory Phonology* 2, 487-523. <https://doi.org/10.1515/labphon.2011.018>

Kochetov, Alexei & Laura Colantoni. 2011. Coronal place contrasts in Argentine and Cuban Spanish: An electropalatographic study. *Journal of International Phonetic Association* 41, 329-358. <https://doi.org/10.1017/S0025100311000338>

Kochetov, Alexei & Laura Colantoni. 2011. Gestural coordination in Spanish /s/ weakening: An electropalatographic study. *Proceedings of the International Seminar on Speech Production (ISSP 2011)*, Montreal, QC, 273-280. [link](#)

Kochetov, Alexei & Laura Colantoni. An articulatory study of sibilant fricatives in two Spanish varieties. *Selected Proceedings of the Conference on Laboratory Approaches to Romance Phonology*. S. Alvord (ed.). Somerville: Cascadilla Press, pp. 84-97. [link](#)

Kochetov, Alexei & Laura Colantoni. 2011. Place vs. stricture in Spanish nasal assimilation. *West Coast Conference on Formal Linguistics (WCCFL) 28 Online Proceedings*, Mary Byram Washburn, Sarah Ouwayda, Chuoying Ouyang, Bin Yin, Canan Ipek, Lisa Marston, & Aaron Walker (eds.). University of Southern California. 9 pp. [link](#)

Multiple languages / methodology

Colantoni, Laura, Alexei Kochetov, & Jeffrey Steele. (Accepted). Using articulatory methods to study multilingual speech. In G. Klassen & J. Schwieter (eds.). *Quantitative research methods in multilingual acquisition processing*. Amsterdam: John Benjamins.

Kochetov, Alexei. 2020. Research methods in articulatory phonetics I: Introduction & studying oral gestures. *Language and Linguistic Compass* 4, 1-29. <https://doi.org/10.1111/lnc3.12368>

*Kochetov, Alexei, Laura Colantoni, Yoonjung Kang, Jeffrey Steele. 2019. Linguopalatal contact differences between /n/ and /t/ across six languages. *Proceedings of the International Congress of Phonetic Sciences (ICPhS)*, Melbourne, August 5-9, 2019. 5 pp. [link](#)

*Kochetov, Alexei, Laura Colantoni, & Jeffrey Steele. 2017. A comparison of Articulate and Reading EPG palates: Capturing place/manner contrasts. *Proceeding of the 11th International Seminar on Speech Production (ISSP 2017)*, October 16-19, 2017, Tianjin, China. Springer. 4 pp. [link](#)