

Electronic Locator of Vertical Interval Successions

Julie Cumming, Christopher Antila, and Others

Montréal Digital Humanities Showcase UOAM

24 January 2014



Inspiration

- John Sinclair's Corpus, Concordance, Collocation (1991)
- What are the most commonly repeated patterns in polyphonic music?
- We still don't understand counterpoint

Contrapuntal Modules



Online Database

- More than 6000 pieces
- Focus on early music
- Score-like symbolic formats

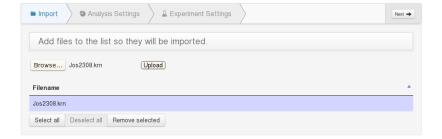
VIS Framework

- Modular, extensible Python API
- Well-documented
- Well-tested
- Foundation for the future

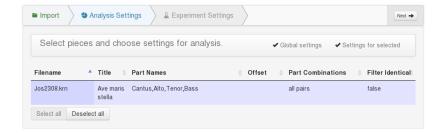
Counterpoint Web App

- Built on the VIS Framework
- Contrapuntal module analysis
- Easy for non-programmers
- Visit counterpoint.elvisproject.ca

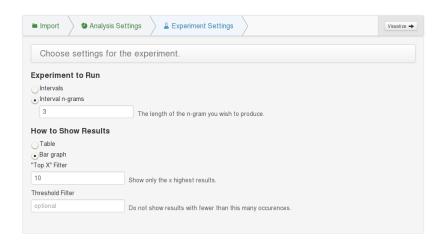
Import



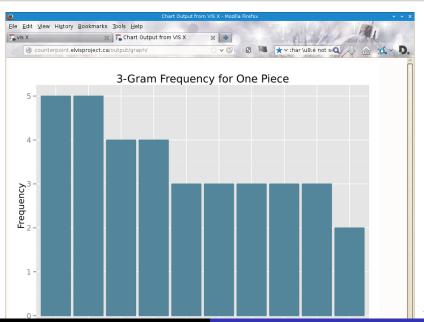
Choose Parts



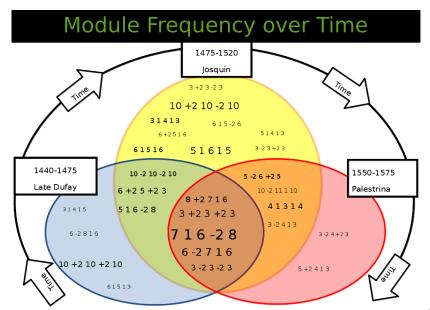
Experiment



Visualize



Research



More Information

ELVIS Project Website

elvisproject.ca

Julie Cumming

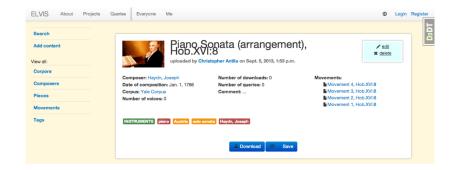
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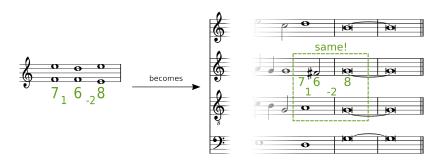
christopher@antila.ca

And visit our poster!

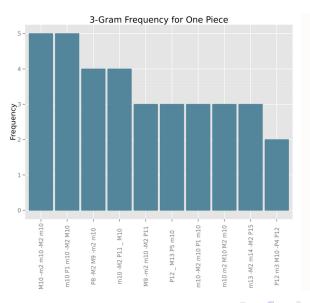
Bonus: the Database Website



Bonus: Module in Music



Bonus: the Bar Graph



Bonus: Score Summary



Bonus: Composer Comparison

