

Measuring the Uncanny: Chromatic-Mediant Motion in Elliott Smith's, *XO*

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Fig. 1 – 4X4 Representation of Chromatic Mediants as TTPCs (Scott Murphy 2014):

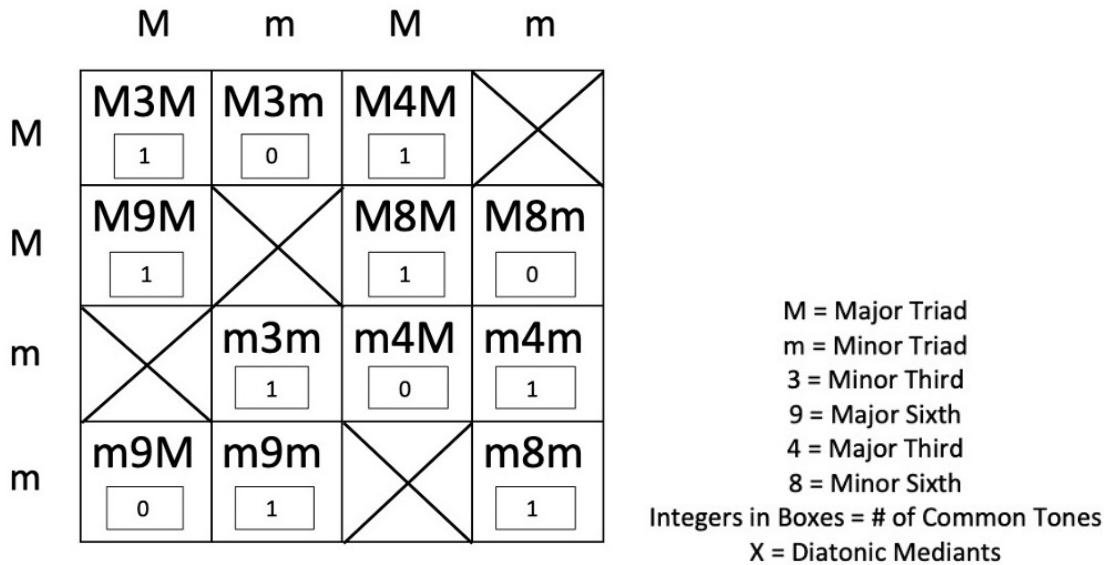


Fig. 2 – Relative Frequency of CM Bigram Classes:

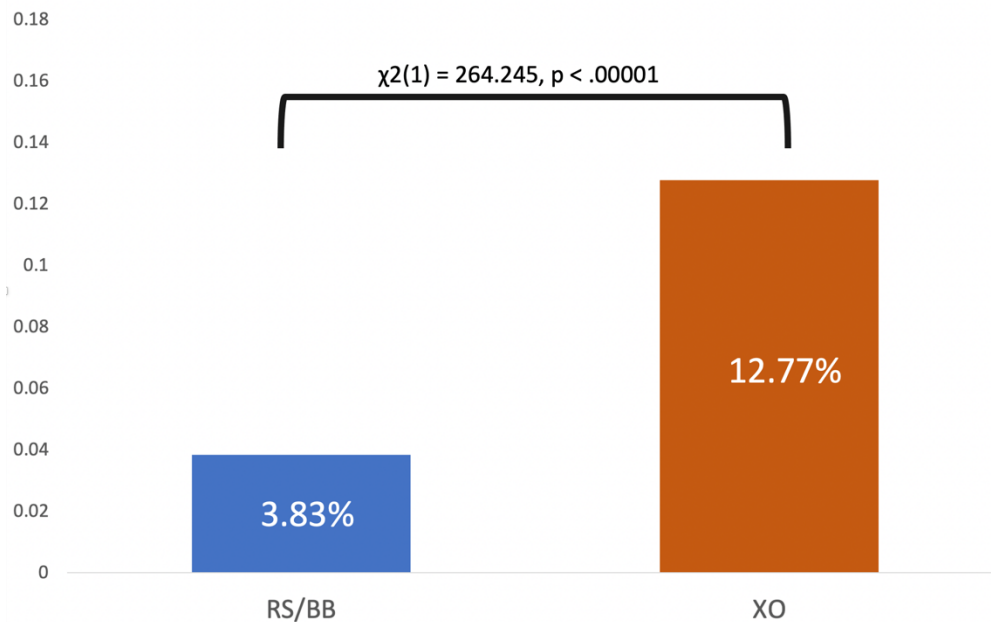


Fig. 3 – XO Data Matrix:

XO Track Title	% of bigrams that are CM	# of bigram classes	# of different CM bigram classes	% of bigram classes that are CM
1. "Sweet Adeline"	23.4	10	2	20
2. "Tomorrow, Tomorrow"	40.3	16	5	31.3
3. "Waltz #2"	4.4	11	1	9.1
4. "Baby Britain"	0	11	0	0
5. "Pitselaeh"	0	12	0	0
6. "Independence Day"	30.3	14	3	21.4
7. "Bled White"	0	10	0	0
8. "Waltz #1"	0	10	0	0
9. "Amity"	19.4	13	3	23.1
10. "Oh Well, Okay"	24.1	11	3	27.3
11. "Bottle Up and Explode!"	16.5	13	3	23.1
12. "A Question Mark"	35.2	16	4	25
13. "Everybody Cares, Everybody Understands"	8.3	16	2	12.5
14. "I Didn't Understand"	0	16	0	0

Fig. 4 – Frequency of CMs in XO compared to RS/BB:

CM Type	XO	RS/BB
M4M	4.96%	.45%
M3M	4.86%	1.26%
M9M	2.65%	.98%
M8M	2.03%	.54%
M8m	.44%	.009%
M3m	.08%	.03%

Github Repository

