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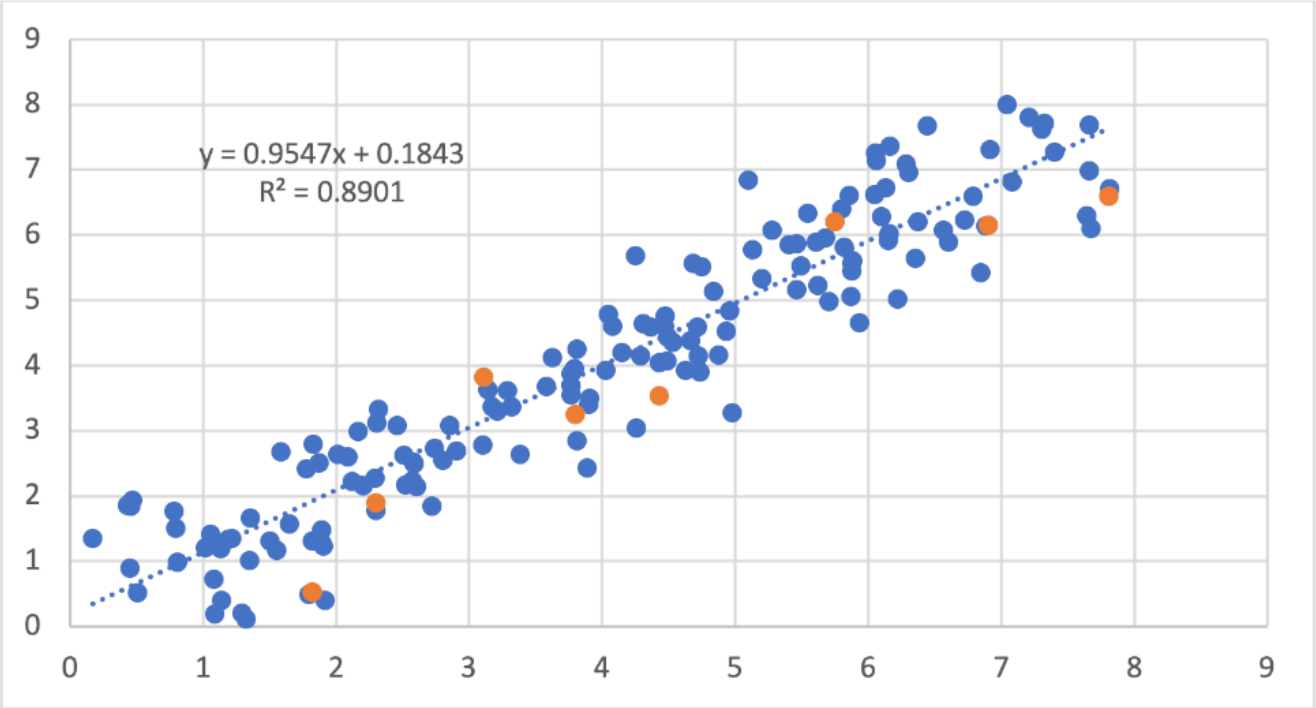
MTO 28.1 Examples: London, A Bevy of Biases

(Note: audio, video, and other interactive examples are only available online)
https://mtosmt.org/issues/mto.22.28.1/mto.22.28.1.london.html

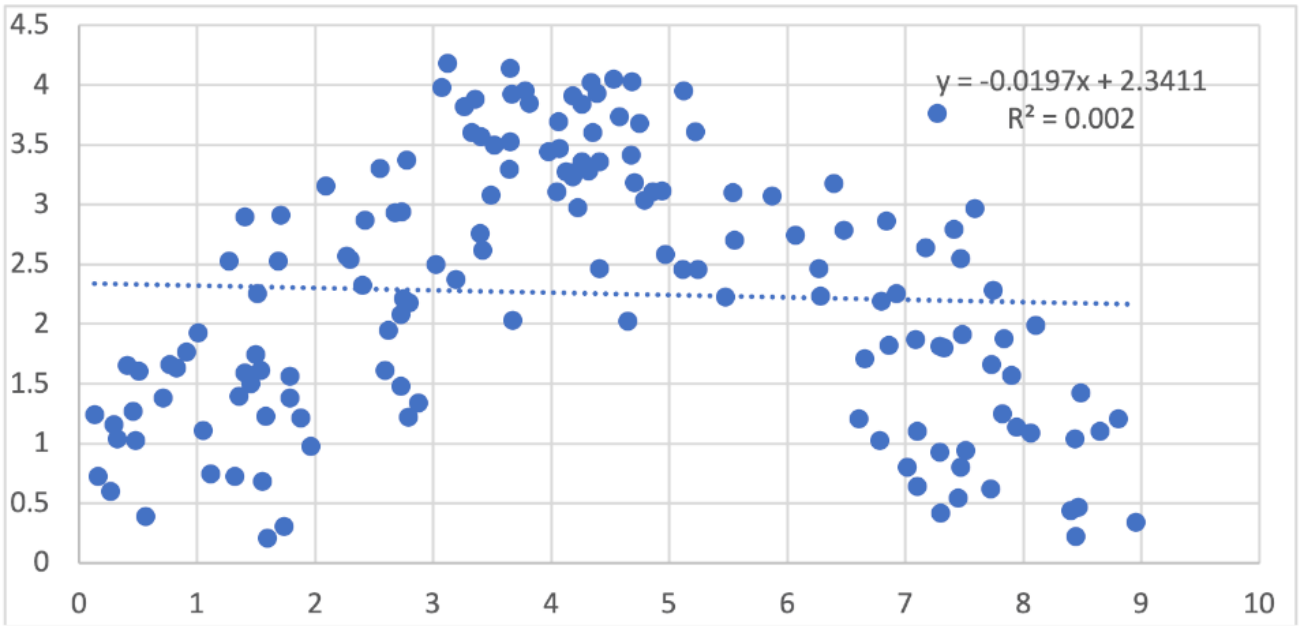
Example 1. BHMB Representation in current theory textbooks
"CPP %" indicates the percentage of examples that were drawn from music between roughly 1700–1900, the "common practice period" of tonal harmony; as can be seen, some texts include earlier and later musical examples and styles, while others focused exclusively on CPP (or nearly so). BHMB % refers to the percentage of CPP examples that are by Bach, Haydn, Mozart, and Beethoven; BHMB+ % adds examples by Chopin, Schubert, and Robert Schumann. Example counts are drawn from example indexes in each volume; Turek example counts are from the recorded example list. Examples that appear multiple times are only counted once, as per the indexing-note that counting every appearance of every example would inflate the BHMB %.

Author(s)	Date	CPP %	BHMB %	BHMB+ %
Burkhart & Rothstein	2011	63	46	65
Burstein & Straus	2016	100	52	69
Clendinning & Marvin	2005	52	57	79
Clendinning & Marvin	2021	NA	55	70
Kostka, Payne, & Almén	2004	80	56	78
Roig-Francoli	2003	97	40	60
Turek	2007	60	46	70
AVERAGES			50	70

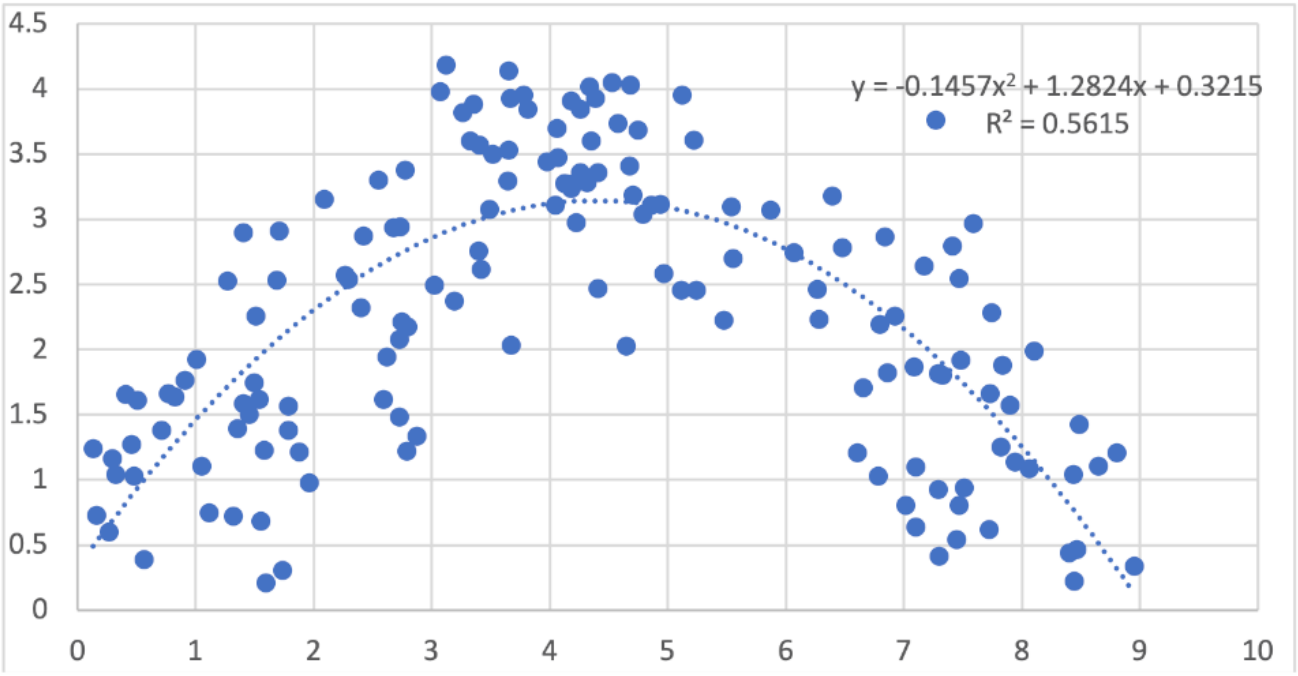
Example 2. Plot of data generated from Y = X, with random noise added to x and y values



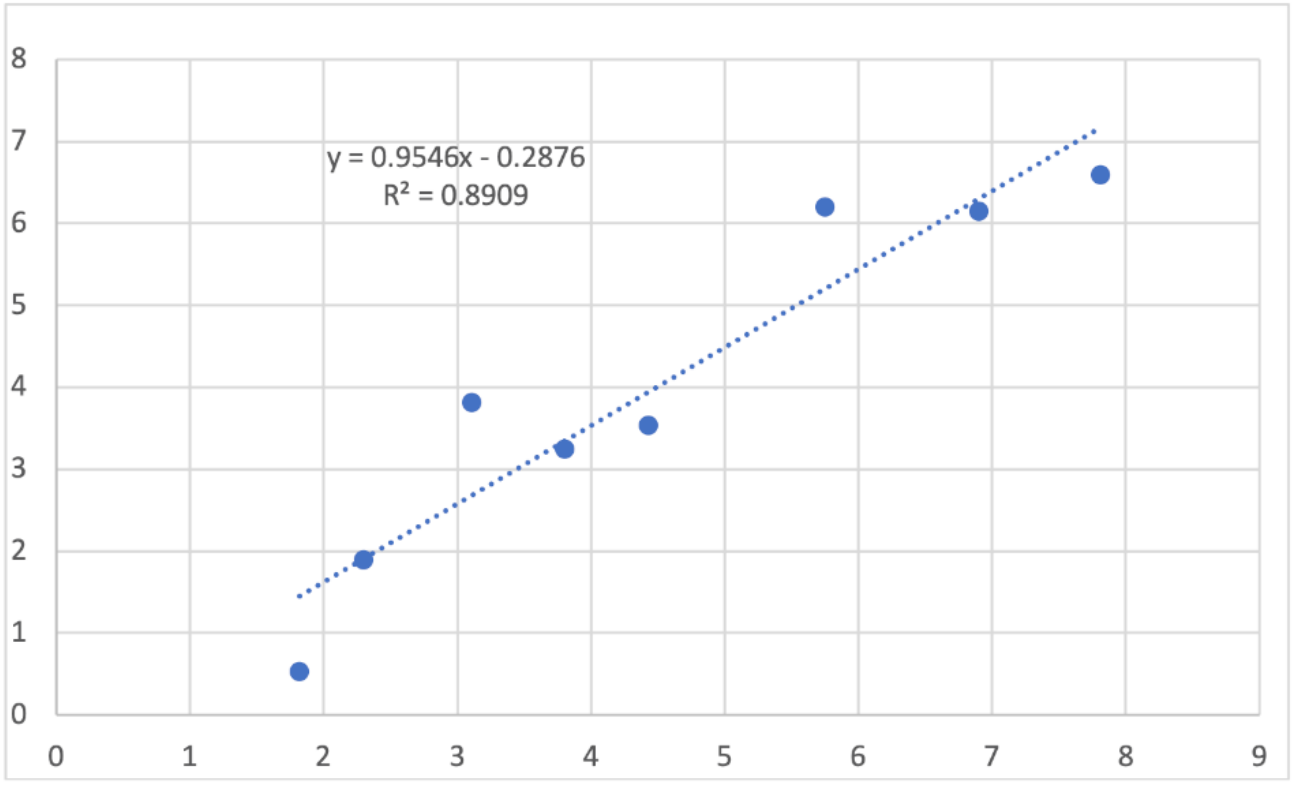
Example 3. Plot of data generated from equations Y = X (for X = 0 to X = 4.5) and Y = X-9 (for X = 4.5 to X = 9), with random noise aided to X and Y values, with linear trendline



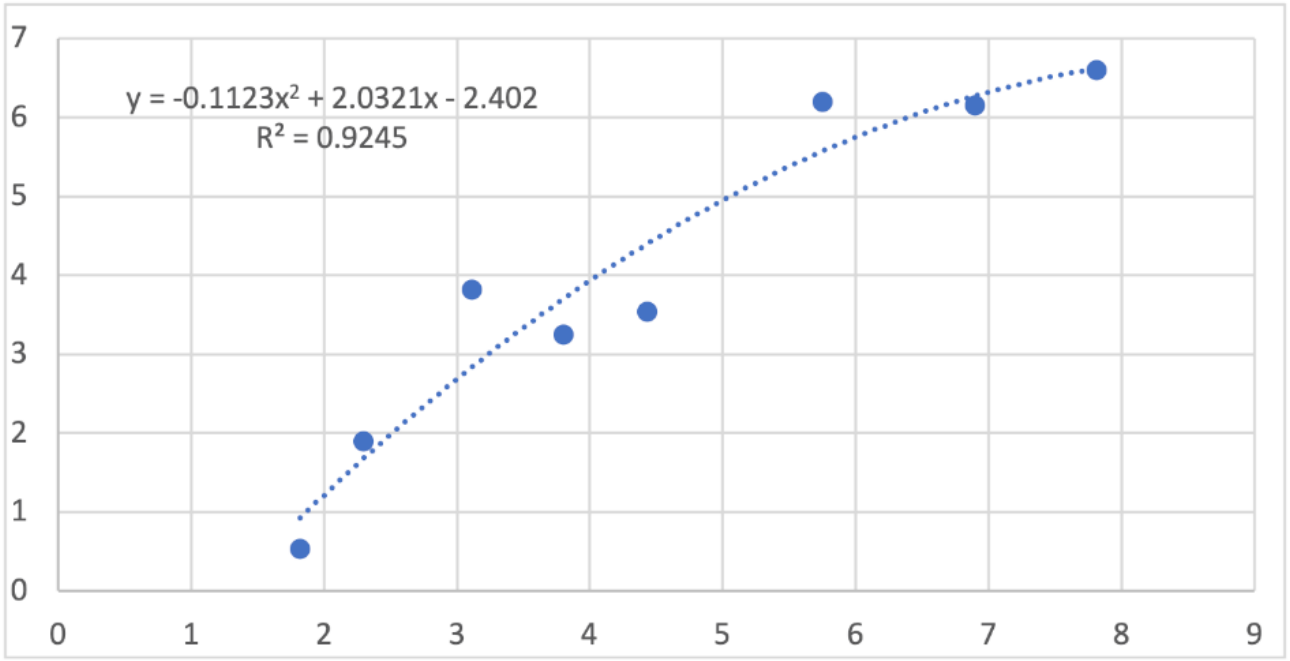
Example 4. Plot of data generated from equations Y = X (for X = 0 to X = 4.5) and Y = X-9 (for X = 4.5 to X = 9), with random noise aided to X and Y values., with quadratic trendline



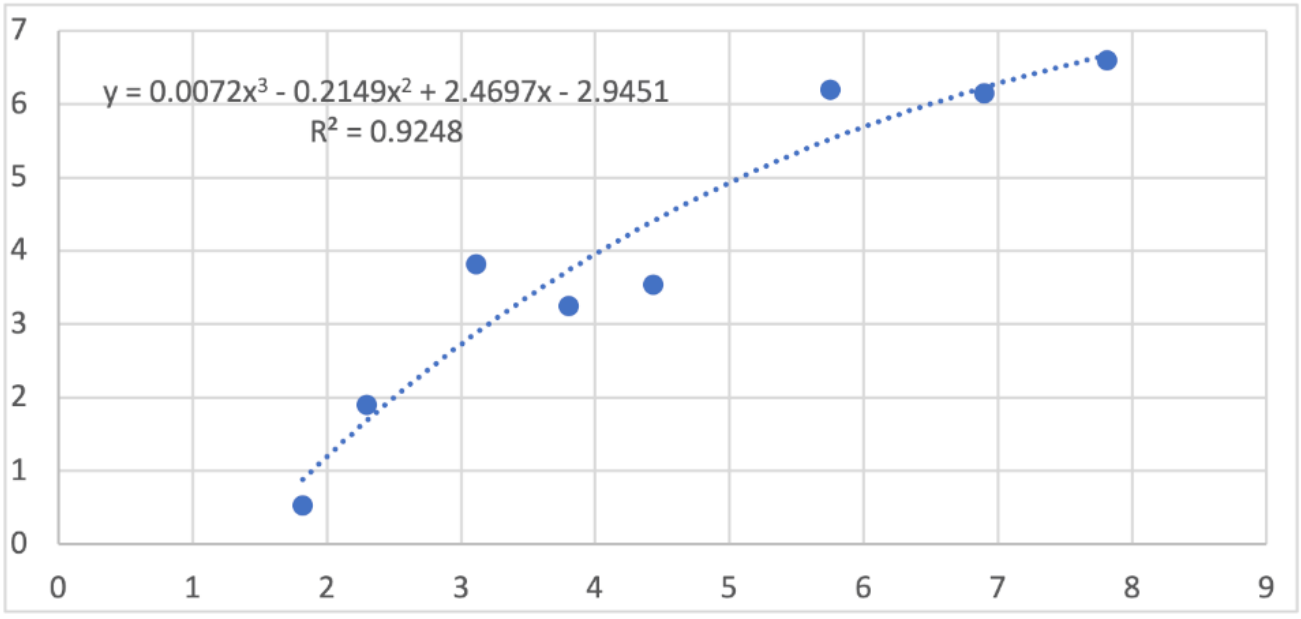
Example 5. Sparse subset of data from Example 2; linear trendline added



Example 6. Quadratic fit of data from Example 5



Example 7. Cubic fit of data from Example 5



Example 8. Polynomial of degree 6 fitted to data from Example 5