Big Data Camp Panel

- Pete Aceves, *U of Chicago - Sociology*
- Cassandra Chambers, *Management and Organizations*
- Teddy DeWitt, *Management and Organizations*
- Ronnie Lee, *Strategy*
- Jeff Lockhart, *Sociology and Population Studies*
Pete Aceves
U of Chicago - Sociology
Creatively using computational tools for theoretical development

Most computational tools are created by

- **Computer scientists**
  - International World Wide Web Conference
  - Association for the Advancement of Artificial Intelligence (AAAI)
  - Association for Computing Machinery's (ACM) Special Interest Groups (SIG) Knowledge Discovery in Data

- **Computational linguists**
  - Association of Computational Linguistics
  - Empirical Methods in Natural Language Processing

But creatively using these tools is up to you
Examples

What is the information density of each language?

- Huffman encoding

How can we quantify the theoretical integration of subfields within physics?

- Two-layer neural network of all papers published in the American Physical Society journals (using gensim’s word2vec implementation)
Cassandra Chambers
Management and Organizations
Convert Stata .dta file to CSV without Stata software

Is there a way to convert a dta file to a CSV?

I don’t have a version of Stata so I can’t do something like save as CSV file.

Profile of Poster

Profile of Last question editor

Poster’s Current Reputation

Poster’s current badges (not tied to site privileges)

#Times Question is Upvoted

#Times Question Selected as a Favorite

Comments

Question tags (often searched for by answerers)
I have been singing in a (classical) choir for several years, including the occasional solo line, and am now seriously considering voice lessons. However, finding a good teacher seems like a daunting challenge. What should I look for in a good voice teacher? User Id="9" Creation Date="2011-04-26T18:54:45.590" Revision GUID="2e3d0192-2d52-44f9-b11e-79c28769c576" PostId="1" Post History Type Id="2" Id="1"

Criteria for selecting a voice teacher User Id="9" Creation Date="2011-04-26T18:54:45.590" Revision GUID="2e3d0192-2d52-44f9-b11e-79c28769c576" PostId="1" Post History Type Id="1" Id="2"

Voice <pedagogy><lessons> User Id="9" Creation Date="2011-04-26T18:54:45.590" Revision GUID="2e3d0192-2d52-44f9-b11e-79c28769c576" PostId="1" Post History Type Id="3" Id="3"

I've heard it said that, whilst on most instruments these notes are played with the same fingerings/technique/etc there is a subtle difference. This isn't specific to this particular note combination, but to all enharmonic equivalents. What might this teacher have been referring to? User Id="11" Creation Date="2011-04-26T18:59:07.007" Revision GUID="9db25e69-0c7df-478d-893b-19a240deffa5" PostId="2" Post History Type Id="2" Id="4"

What's the difference between a Gb and an F#? User Id="11" Creation Date="2011-04-26T18:59:07.007" Revision GUID="9db25e69-0c7df-478d-893b-19a240deffa5" PostId="2" Post History Type Id="1" Id="5"

Theory <enharmonic-equivalent><key-signature> User Id="11" Creation Date="2011-04-26T18:59:07.007" Revision GUID="9db25e69-0c7df-478d-893b-19a240deffa5" PostId="2" Post History Type Id="3" Id="6"

Oftentimes major keys are called "happy" and minor keys are "sad". Why is this? Is it universal across cultures that use these scales? What about in other scale systems - do similar connotations exist? User Id="23" Creation Date="2011-04-26T19:00:35.140" Revision GUID="be56be4a-75bc-4239-be4a-cf1c6296cbb2" PostId="3" Post History Type Id="2" Id="7"

Why are minor keys universally accepted to sound "sad"? User Id="23" Creation Date="2011-04-26T19:00:35.140" Revision GUID="be56be4a-75bc-4239-be4a-cf1c6296cbb2" PostId="3" Post History Type Id="1" Id="8"

keys> User Id="23" Creation Date="2011-04-26T19:00:35.140" Revision GUID="be56be4a-75bc-4239-be4a-cf1c6296cbb2" PostId="3" Post History Type Id="3" Id="9"

Consider four cases: A-flat Major - A-flat minor: natural, melodic, and harmonic I start them with the third finger on the A-flat key (both hands), but I have no idea how a professional pianist would do it. Help! User Id="18" Creation Date="2011-04-26T19:00:53.253" Revision GUID="0cd10f77-e37a-452e-bb9c-b75d128682eb" PostId="4" Post History Type Id="2" Id="10"
Macro Phenomenon: Incentive Systems to promote cooperation

Macro Outcome: System Survives / Thrives

(4)

Macro-level association

An “Ecosystem of Mechanisms” from my dissertation

Action-Formation Mechanisms (2):
- Feelings of Competitiveness are associated with uncooperative behavior (e.g., a drive to “game the system”)
- Being systematically “unrecognized for your work” decreases your tendency to cooperate

Situational Mechanism (1): Being ranked for contributions creates feelings of competitiveness

Transformational Mechanism (3):
Aggregation & transmission of uncooperative behaviors leads to lower rates of cooperation over time

Source: Stack Exchange
Teddy DeWitt
Management and Organizations
Ronnie Lee

Strategy
Jeff Lockhart
Sociology and Population Studies