

CHARLES H. PENCE

**NOTRE DAME HPS
NESCENT**

RLETTTERS

WHY DO

I CARE?

HUMAN PSYCHOLOGISTS

BEHAVIORAL ECOLOGISTS

NEUROSCIENTISTS

EVOLUTIONARY THEORISTS

HUMAN PSYCHOLOGISTS

BEHAVIORAL ECOLOGISTS

NEUROSCIENTISTS

EVOLUTIONARY THEORISTS





HUMAN PSYCHOLOGISTS

BEHAVIORAL ECOLOGISTS

NEUROSCIENTISTS

EVOLUTIONARY THEORISTS

HUMAN PSYCHOLOGISTS

BEHAVIORAL ECOLOGISTS

NEUROSCIENTISTS

EVOLUTIONARY THEORISTS

DECISION MAKING

WHAT DO

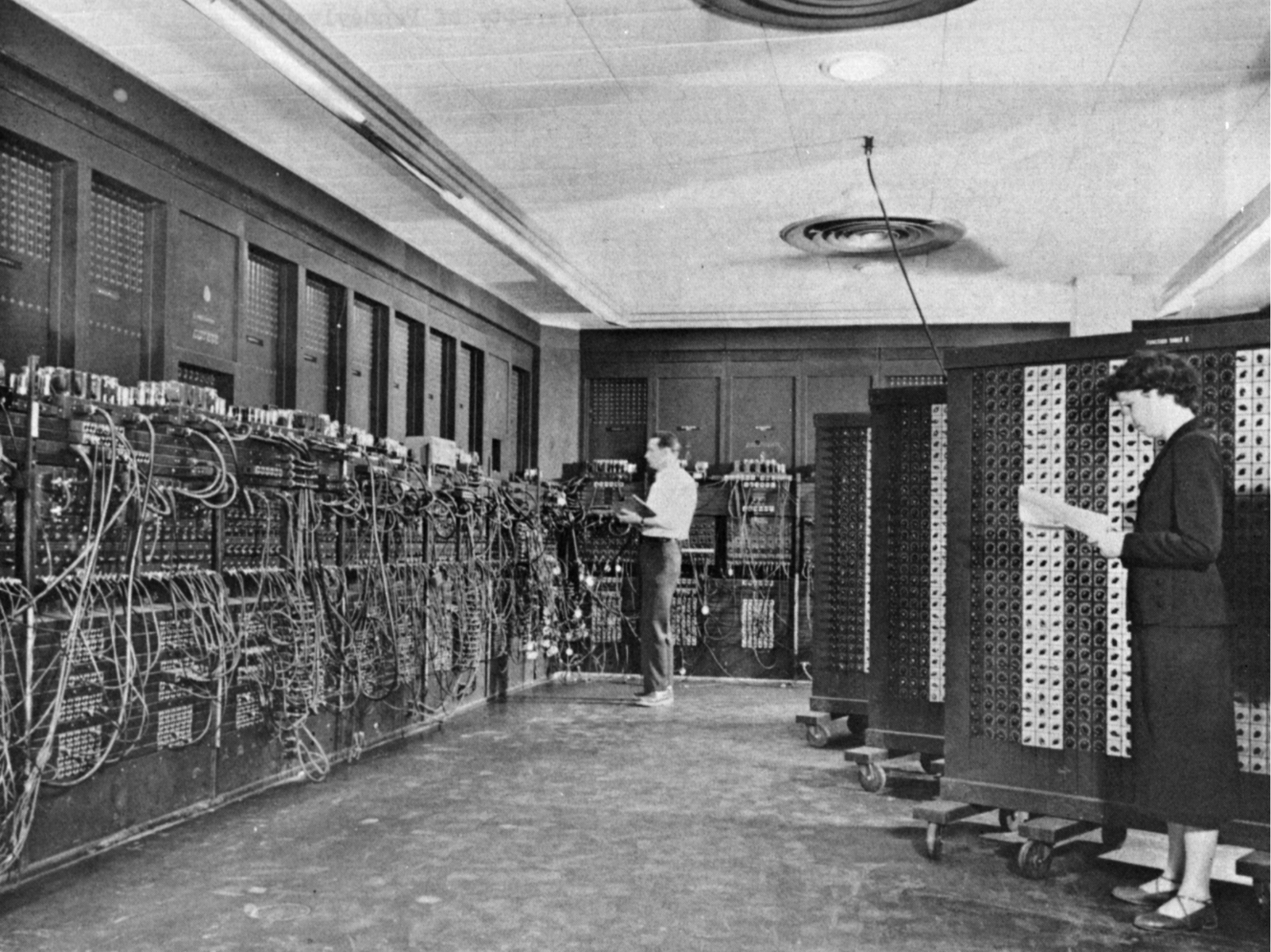
THEY SAY?



**LET'S EACH READ
THIRTY JOURNAL
ARTICLES!**



**LET'S EACH READ
THIRTY JOURNAL
ARTICLES!**



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**WHAT CAN
IT DO?**

Search for articles...

Sort: Year (descending)



Create dataset from search

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Analysis of Single Nucleotide Polymorphism in Adolescent Idiopathic Scoliosis in Korea: For Personalized Treatment

Eun Su Moon, Hak Sun Kim, Veushj Sharma, Jin Oh Park, Hwan Mo Lee, Sung Hwan Moon, Hyon Su Chong | *Yonsei Medical Journal*, Vol. 54, No. 2 (2013), pp. 500-509

Altered Effective Connectivity Network of the Basal Ganglia in Low-Grade Hepatic Encephalopathy: A Resting-State fMRI Study with Granger Causality Analysis

Rongfeng Qi, Long Jiang Zhang, Jianhui Zhong, Zhiqiang Zhang, Ling Ni, Qing Jiao, Wei Liao, Gang Zheng, Guangming Lu | *PLoS ONE*, Vol. 8, No. 1 (2013), pp. e53677

Modification of Histone Acetylation Facilitates Hepatic Differentiation of Human Bone Marrow Mesenchymal Stem Cells

Xuejun Dong, Ruolang Pan, Hui Zhang, Chao Yang, Jianzhong Shao, Lixin Xiang | *PLoS ONE*, Vol. 8, No. 5 (2013), pp. e63405

Change in Phylogenetic Community Structure during Succession of Traditionally Managed Tropical Rainforest in Southwest China

Xiao-Xue Mo, Ling-Ling Shi, Yong-Jiang Zhang, Hua Zhu, J. W. Ferry Slik | *PLoS ONE*, Vol. 8, No. 7 (2013), pp. e71464

Determinants of performance of supplemental immunization activities for polio

Filter search

Authors

Seik Weng Ng 183

Hoong-Kun Fun 179

Nicole LeBrasseur 104

Edward R. T. Tiekink 80

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Journal

PLoS ONE 11374

Acta Crystallographica
Section E: Structure Reports
Online 3351

Nucleic Acids Research 1630

The Journal of Cell Biology
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Critical Care 1359

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WHAT SETS APART TWO GROUPS?

EVOLUTIONARY THEORISTS: MATING

MATING FEMALE FEMALES MALE SELECTION MALES SEXUAL MATE
EVOLUTION POPULATION GENETIC TRAIT TRAITS FITNESS SPECIES
PREFERENCE FREQUENCY REPRODUCTIVE SPECIATION EVOLUTIONARY

HUMAN PSYCHOLOGY: FORAGING

FORAGING DECISION PARTICIPANTS EXPERIMENT TASK WERE WAS
HUMAN BEHAVIOR TIME MAKING ACROSS DECISIONS OPTION
INFORMATION CHOICES RESEARCH ABOUT HAD EACH OPTIMAL

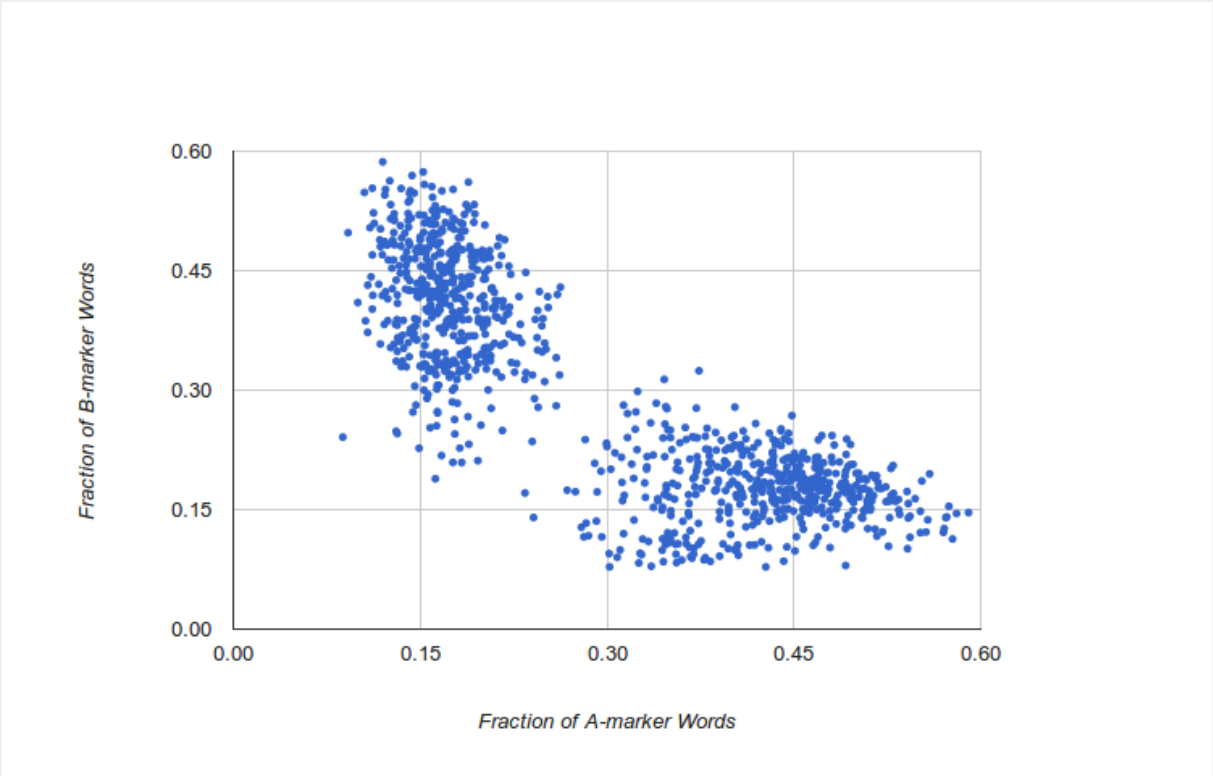
Comparison of EvolutionaryTheoryMating with HumanPsychologyForaging

Download in CSV format

(Craig Zeta algorithm)

Separation graph for all analyzed text blocks

This graph plots the fraction of words in each individual analyzed block of text, with the coordinates corresponding to the fraction of words in each block that belong to the two identified marker sets. If the analysis has succeeded, you should see two clearly separate clouds of points with little overlap, indicating that the marker words are able to readily distinguish blocks of text from each dataset.



Zeta scores for all analyzed words

Zeta scores for all analyzed words follow. The scores range from two (a perfect marker word indicating membership in EvolutionaryTheoryMating) to zero (a perfect anti-marker word indicating membership in HumanPsychologyForaging).

WHAT SETS APART TWO GROUPS?

BEHAVIORAL ECOLOGY: MATING

FEMALES CHOICE SIZE BEHAVIOUR MALES MATING FEMALE MORE
MATE USE MALE COMPETITION SUCCESS SELECTION TEST THEIR
SPERM FIRST TRAITS ALL THERE FISH EXPERIMENT SIGNIFICANTLY

NEUROSCIENCE: MATING

BRAIN NEURAL EXPRESSION AUDITORY SONG RESPONSE GENE
SYSTEM NEURONS RESPONSES RECEPTOR REGIONS FOREBRAIN
NUCLEUS ACTIVITY ACTIVATION BEHAVIOR STIMULI SONGS

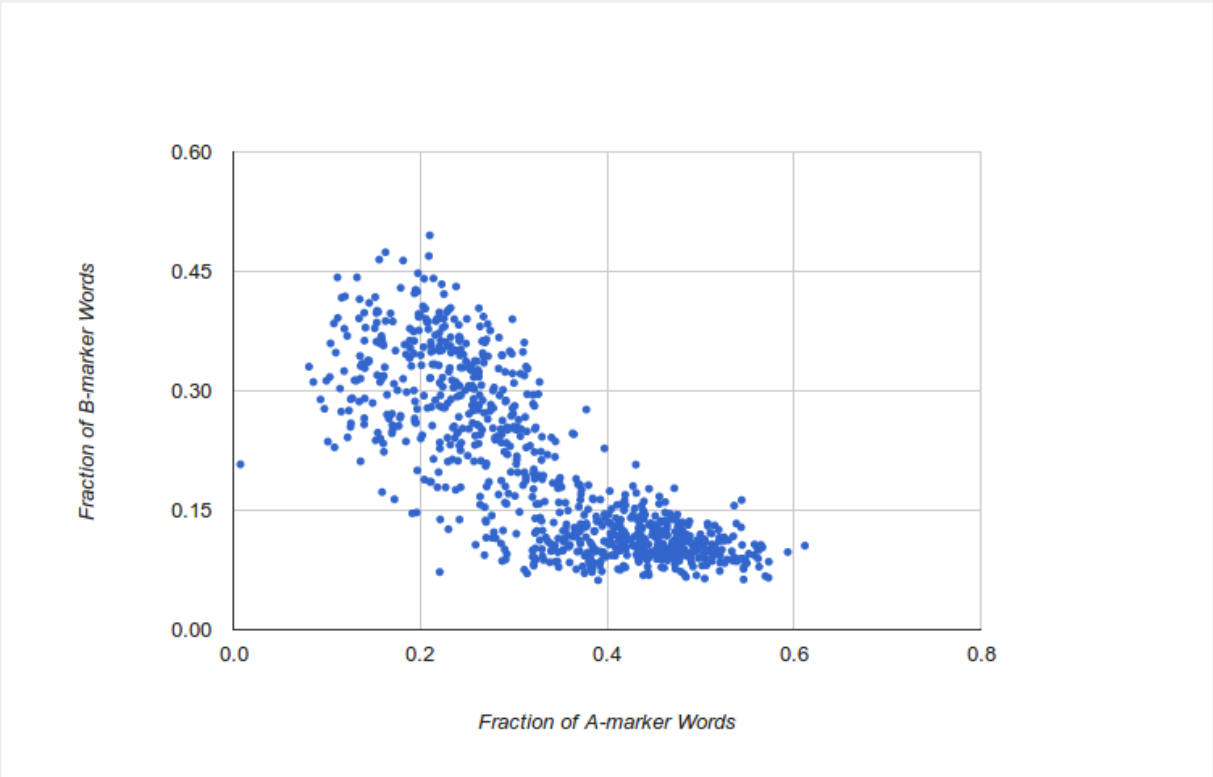
Comparison of BehavioralEcologyMating with NeuroscienceMating

Download in CSV format

(Craig Zeta algorithm)

Separation graph for all analyzed text blocks

This graph plots the fraction of words in each individual analyzed block of text, with the coordinates corresponding to the fraction of words in each block that belong to the two identified marker sets. If the analysis has succeeded, you should see two clearly separate clouds of points with little overlap, indicating that the marker words are able to readily distinguish blocks of text from each dataset.



Zeta scores for all analyzed words

Zeta scores for all analyzed words follow. The scores range from two (a perfect marker word indicating membership in BehavioralEcologyMating) to zero (a perfect anti-marker word indicating membership in NeuroscienceMating).

WHAT BRINGS GROUPS TOGETHER?

ALL GROUPS VERSUS ALL OF PUBMED-OA

FORAGING MATE MATING PATCH FEMALES SEXUAL MALES PREY
FEMALE CHOICE MALE FORAGERS PREFERENCE BEHAVIOR SONG
FORAGER ECOLOGY PREFERENCES FOOD RAPE BEHAVIOR PATCHES
SELECTION EVOLUTION ATTRACTIVENESS COURTSHIP SOCIAL
SPECIES REWARD CUES BEHAVIORAL TRAITS EVOLUTIONARY
REPRODUCTIVE MATES TRAIT PREDICTOR CHOICES PSYCHOLOGY
SEX HABITAT LEARNING PREDATION TASK FITNESS BEES THEORY
DECISIONS COMPETITION OFFSPRING COPYING SEARCH SONGS



WHAT CAN

ELSE

IT DO?

FIND COLLOCATIONS

PLOT BY DATE

ANALYZE TERM NETWORK

EXTRACT PROPER NOUNS

EXPORT CITATIONS

PMC: 'EVOLUTIONARY THEORY'

“FITNESS LANDSCAPE” ($P = 9E-16$)

“INCLUSIVE FITNESS” ($P = 1E-15$)

“FITNESS CORRELATES” ($P = 2E-15$)

“MALTHUSIAN FITNESS” ($P = 4E-15$)

“FITNESS LANDSCAPES” ($P = 4E-15$)

“FITNESS COSTS” ($P = 6E-15$)

“WRIGHTIAN FITNESS” ($P = 6E-15$)

“TOKEN FITNESS” ($P = 1E-14$)

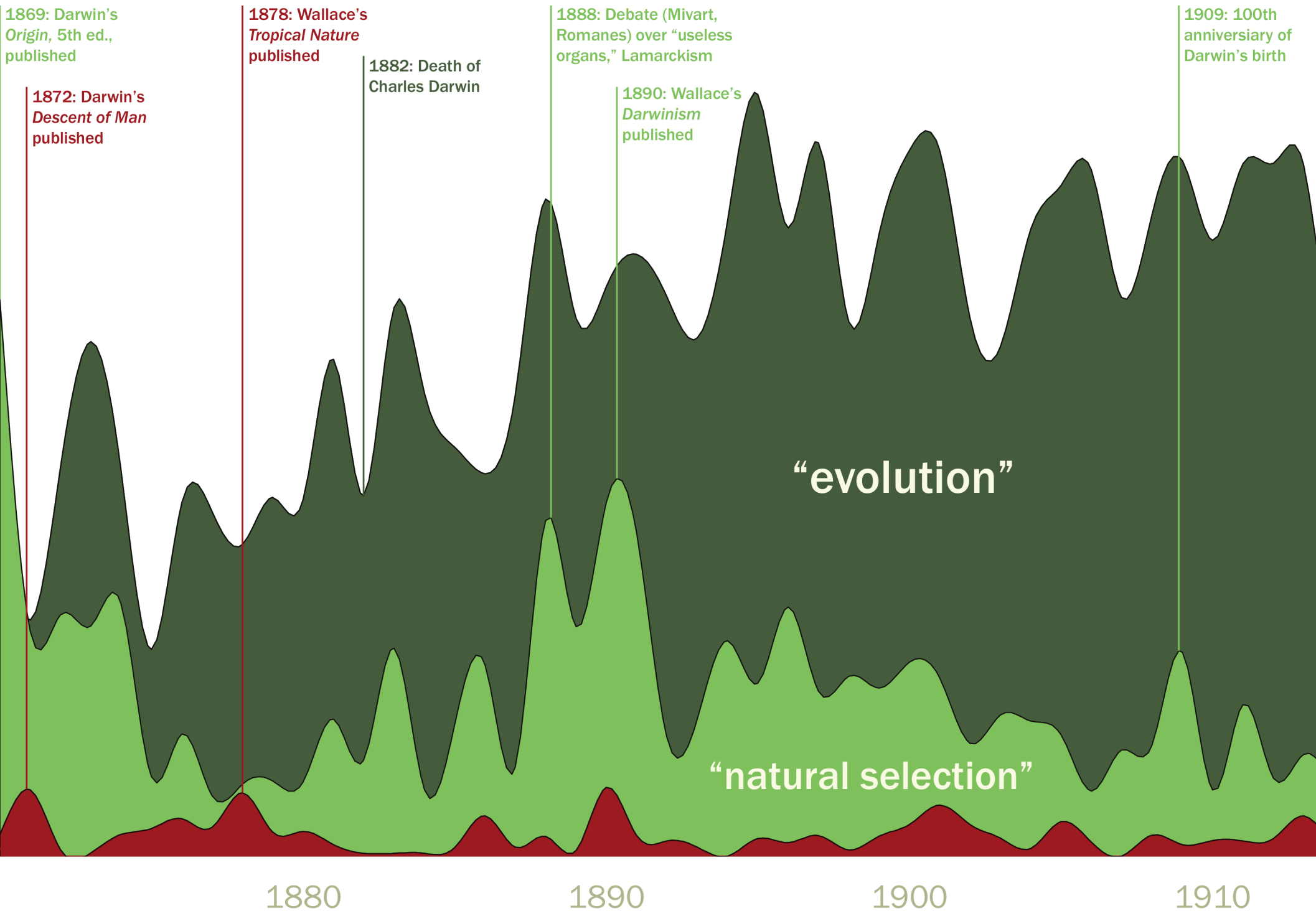
FIND COLLOCATIONS

PLOT BY DATE

ANALYZE TERM NETWORK

EXTRACT PROPER NOUNS

EXPORT CITATIONS



FIND COLLOCATIONS

PLOT BY DATE

ANALYZE TERM NETWORK

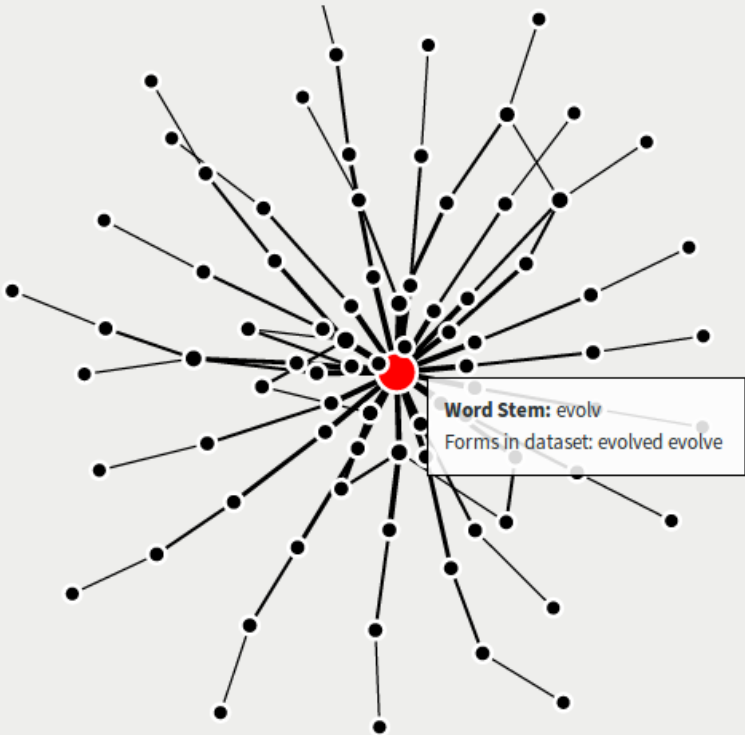
EXTRACT PROPER NOUNS

EXPORT CITATIONS

Dataset: BehavioralEcologyMating

Network of associated terms surrounding word: 'evolve'

Download in GraphML format



FIND COLLOCATIONS

PLOT BY DATE

ANALYZE TERM NETWORK

EXTRACT PROPER NOUNS

EXPORT CITATIONS

CAVEAT

LECTOR

THE FUTURE:

EVOTEXT

THE FUTURE:



E

T

THE REQUIRE:



GRANT (MY BOSS)
COMING SOON TO A NESCENT NEAR YOU

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