

Resource Summary Report

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Vocal Inventory Clustering Engine (VoICE)

RRID:SCR_016004

Type: Tool

Proper Citation

Vocal Inventory Clustering Engine (VoICE) (RRID:SCR_016004)

Resource Information

URL: <https://github.com/zburkett/VoICE>

Proper Citation: Vocal Inventory Clustering Engine (VoICE) (RRID:SCR_016004)

Description: Software that groups vocal elements of birdsong by creating a high dimensionality dataset through scoring spectral similarity between vocalizations.

Abbreviations: VoICE

Synonyms: VoICE (Vocal Inventory Clustering Engine), Vocal Inventory Clustering Engine (VoICE), VoICE: Vocal Inventory Clustering Engine, VoICE: A semi-automated pipeline for standardizing vocal analysis across models

Resource Type: data analysis software, data processing software, software application, software resource

Keywords: bird, song, birdsong, vocal, audio, analysis, vocalization, spectral similarity, avian, matlab

Funding: 5T32HC00722834 ;
Autism Speaks 7657;
NICHD P50 HD055784;
NIMH R01 MH070712;
NIMH R01 MH081754;
NIMH RO1MH081754;
UCLA

Availability: Free, Available for download

Resource Name: Vocal Inventory Clustering Engine (VoICE)

Resource ID: SCR_016004

License: GNU GPL v3

Record Creation Time: 20220129T080328+0000

Record Last Update: 20260905T133007+0000

Ratings and Alerts

No rating or validation information has been found for Vocal Inventory Clustering Engine (VoICE).

No alerts have been found for Vocal Inventory Clustering Engine (VoICE).

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at [PRECISE-TBI](#) .

Aamodt CM, et al. (2022) Inhibition of miR-128 Enhances Vocal Sequence Organization in Juvenile Songbirds. *Frontiers in behavioral neuroscience*, 16, 833383.

Burkett ZD, et al. (2018) FoxP2 isoforms delineate spatiotemporal transcriptional networks for vocal learning in the zebra finch. *eLife*, 7.