

Experiment Design - Exercise2

Survey of Graph Databases

Group 04

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AcousticBrainz Genre Task 2018: Genre and subgenre prediction of unknown music recordings (songs)

Detail: Content-based musicgenre recognition using genre annotations from multiple sources and large-scale music features data available in the AcousticBrainz database.

Paper2: MediaEval 2018 AcousticBrainz Genre Task: A
baseline combining deep feature embeddings across datasets

Written by Sergio Oramas, Dmitry Bogdanov, Alastair Porter

Presented MediaEval'18, 29-31 October 2018, Sophia
Antipolis, France

Available Resources

AcousticBrainz Genre Task site: [\(link\)](#)

Baseline Implementation: Github Repository [\(link\)](#) which links to a specific version of Sergio Oramas Github Repo "Tartarus".

Datasets: Zenodo Ground truth (restricted) Genre annotations

Reproducibility #1

Linked Github repo “Tartarus” does suggest 3 different experiments for other datasets/papers.

Idea: Identify the most identical experiment and try to reproduce with AcousticBrainz dataset.

Kindly asked main author to provide a bit more information how to run.

Reproducibility #2

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Loading datasets of other experiments cumbersome -
MSD-A: Million Song Dataset for Artists gDrive - MuMu:
Multimodal Music Dataset v3 (MSD + Amazon Reviews +
MusicBrainz) - MSD-I: Audio,images and genre annotations
Only 2 out of 3 experiments even starts.

Wait for feedback of author.

Meanwhile: Try to apply code of referenced experiments to our dataset.

End

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Questions? Suggestions?