

# Audio Files Exploratory Data Analysis

## LEEC\_files\_analysis

10/09/2023

Samples

**107**

Distinct Days

**66**

Landscapes

**7**

Total Duration

**107 min**

Environments

**3**

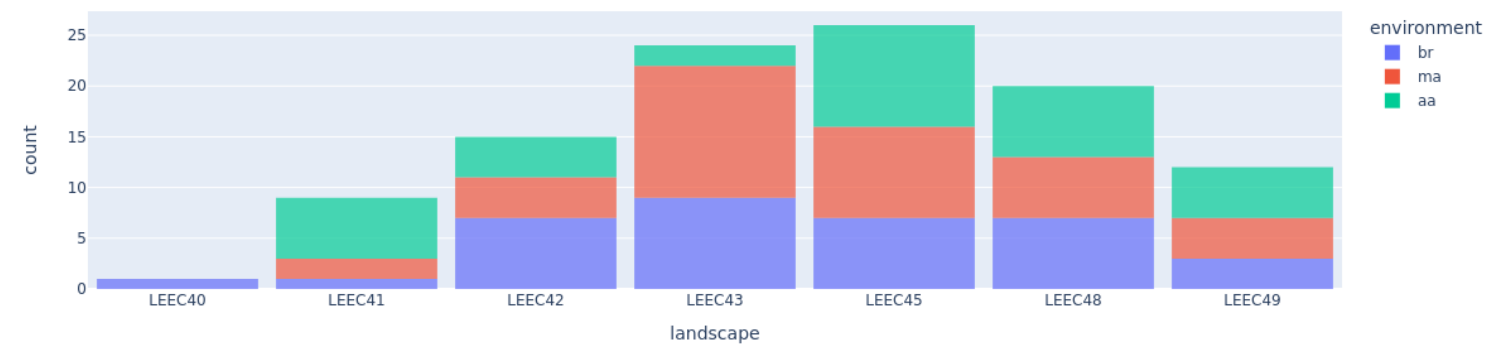
Mean Duration

**1 min**

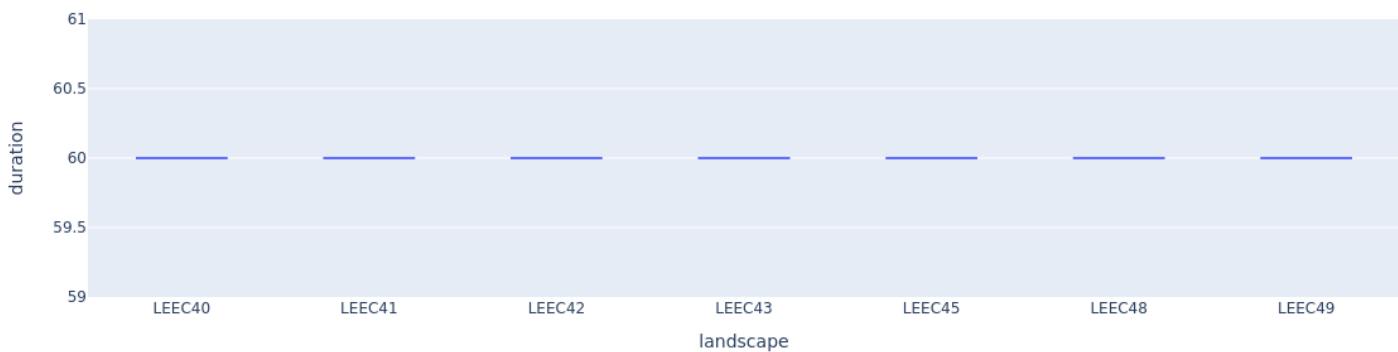
This report contains a brief exploratory data analysis comprehending the data obtained by audio file names. The objective is to present an overview of the acoustic landscapes and environments of the recordings, as well as their duration. Further analysis such as false color spectrograms and acoustic indices summarization can be performed with Maui Software analysis and visualization tools.

# 1. Landscape Analysis

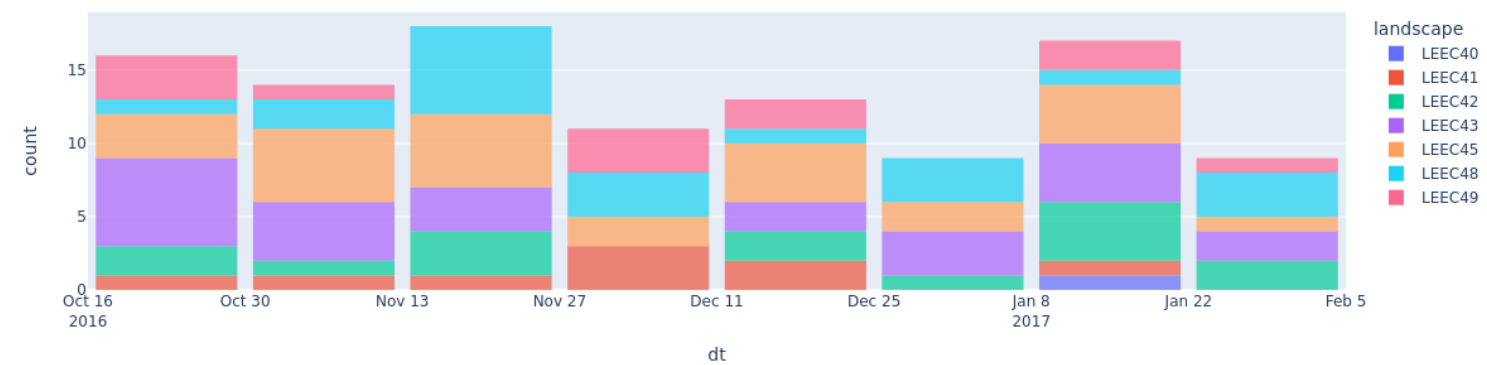
Amount of samples by Landscape



Duration distribution by Landscape

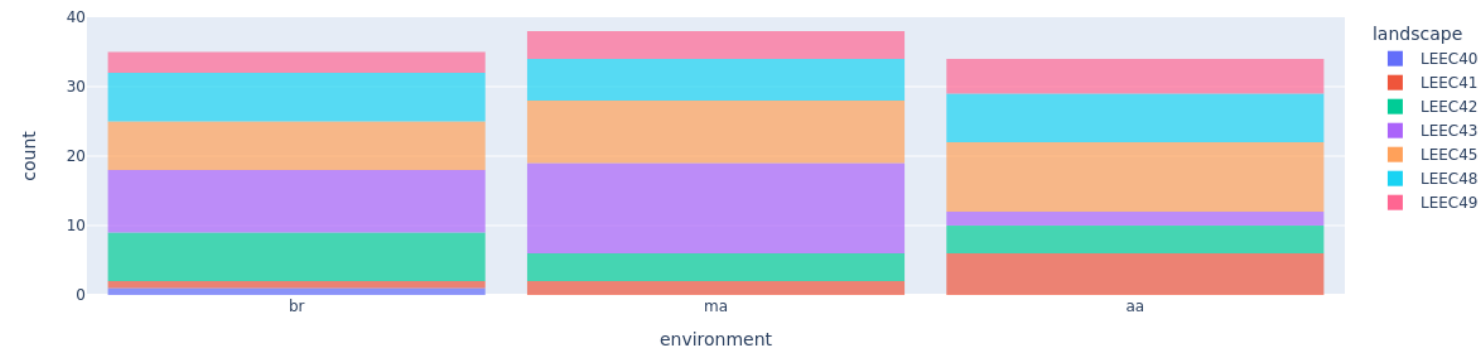


Amount of samples by Day and Landscape

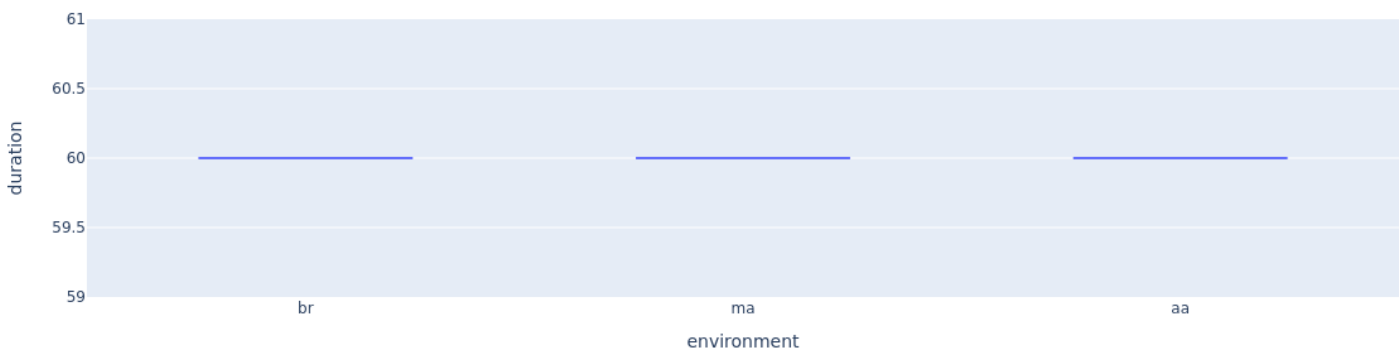


## 2. Environment Analysis

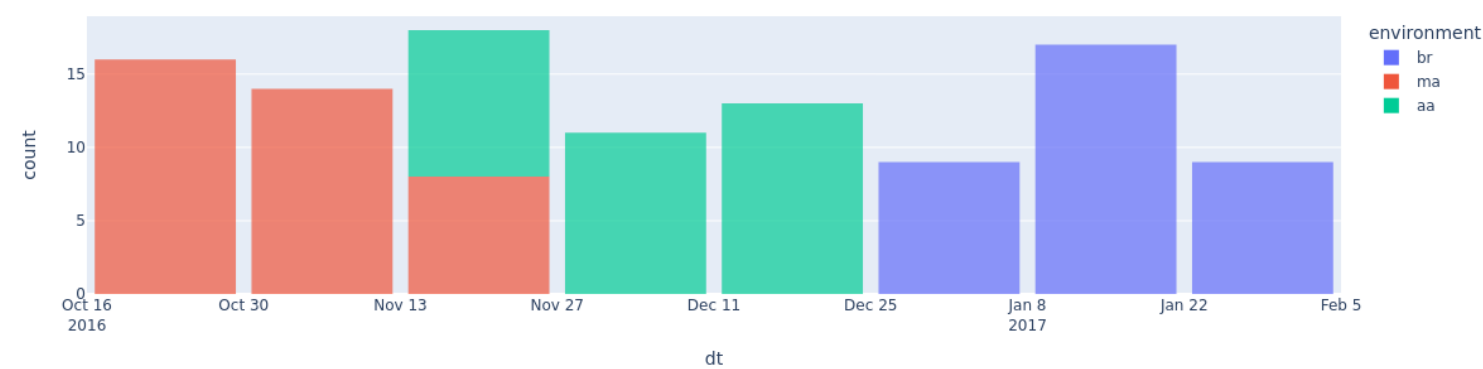
Ammount of samples by Environment



Duration distribution by Environment



Amount of samples by Day and Environment



### 3. Duration Analysis

