

Dataset

Daily_recordings

Day1

D1RS1ID2936.zip

D1RS1ID2936P1.mp3

D1RS1ID2936P1.csv/txt

D1RS1ID2936P1_JM.csv/txt

D1RS1ID2936P1_JM_one_mark.csv/txt

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D1RS2ID2909.zip

D1RS3ID2948.zip

D1RS4ID21036.zip

D1RS5ID2976.zip

Day2

...

...

Jaw_movements

D3RS4ID2909P3_JM_one_mark.csv/txt

D3RS4ID2909P3_JM_adjusted.csv/txt

D3RS4ID2909P3_JM.csv/txt

JM_grazing_adjusted.csv/txt

JM_grazing_one_mark.csv/txt

JM_grazing.csv/txt

JM_grazing.wav

JM_rumination_adjusted.csv/txt

JM_rumination_one_mark.csv/txt

JM_rumination.csv/txt

JM_rumination.wav

Additional_information

BehaviorLabelsDescription.pdf

JMDescription.pdf

MP3AudioInformation.xlsx

Index.xlsx

Continuous audio recordings (MP3 format), activity label and automatically generated JM label (CSV and TXT format) files. Files are sorted by trial day and recording device, and packaged into files (ZIP format). The name of files provides coded information on trial day, recording system, cow ID and recording partition. For example file 'D4RS3ID2976P3.mp3' refers to data collected on trial day 4, recording system 3, cow 2976 and recording period 3 (corresponding to the 12-18 h of that trial).

Audio (WAV format) and label files (CSV and TXT format) of jaw movements associated with grazing and rumination activities. Labels for individualized jaw movements were generated by close inspection of audio files by two experts with experience in animal behavior and by use of a script coded in Phyton.

Additional description (PDF format) and spreadsheet (XLSX format) files with detailed explanations and information.