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Tutorial for MATLAB functions for chicken behaviors

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Works for me

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ABSTRACT

This tutorial describes the library of key functions, developed in MATLAB, to identify chicken behaviors: pecking, preening, and dustbathing. The classification algorithm was developed based on combination of shapes and features as discussed in Abdoli et al. (2020) and was used for data analyses in Murillo et al. (2020).

THIS PROTOCOL ACCOMPANIES THE FOLLOWING PUBLICATION

Murillo, A., A. Abdoli, R. Blatchford, E. Keogh, A. Gerry. 2020. Parasitic mites alter chicken behaviour and negatively impact animal welfare. Scientific Reports. DOI : 10.1038/s41598-020-65021-0

ATTACHMENTS

[behaviorSearch.m](#) [Chicklet2.m](#) [daySlicer.m](#) [Tutorial-for-Chicken-Behavior-Functions-in-MATLAB_Murillo-et-al-2020.pdf](#)