Resource Summary Report

Generated by RRID on Apr 8, 2025

Hitachi2nirs

RRID:SCR_009494
Type: Tool

Proper Citation

Hitachi2nirs (RRID:SCR_009494)

Resource Information

URL: http://www.nitrc.org/projects/hitachi2nirs/

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Description: A Matlab script to convert the raw .csv Hitachi ETG4000 output file into a .nirs file for use with Homer2. The script also requires a .pos file. This is the output of the polhemus 3D digitiser that they use to record where the optodes are located spatially. I realize that not everyone uses a 3D digitiser so I have included three example .pos files - one for each of the possible optode arrangements of the Hitachi system (either two 3x3 arrays, one 3x5 array or one 4x4 array). If you use a different arrangement or have more probes than them, feel free to get in touch and they may be able to advise on how to create a model .pos file. There are two versions of the conversion script: 1. single - this will read in ONE .csv file and ONE .pos file and create ONE .nirs file 2. multi - this will read in a user-specified number of .csv files and ONE .pos file. It will then create one .nirs file for each .csv file that was read in and deposit it in the same directory as that .csv file.

Abbreviations: Hitachi2nirs

Resource Type: software resource, software application

Keywords: hardware, matlab, nirs, fnir, optical imaging, optical imaging, physiological recording

Funding:

Availability: BSD License

Resource Name: Hitachi2nirs

Resource ID: SCR_009494

Alternate IDs: nlx_155642

Record Creation Time: 20220129T080253+0000

Record Last Update: 20250404T060818+0000

Ratings and Alerts

No rating or validation information has been found for Hitachi2nirs.

No alerts have been found for Hitachi2nirs.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We have not found any literature mentions for this resource.