

Bicycling comfort video experiment Dataset
Dataset available at: <https://doi.org/10.25338/B8KG77>

(This dataset supports report **Making Bicycling Comfortable: Identifying Minimum Infrastructure Needs by Population Segments Using a Video Survey**, <https://doi.org/10.7922/G2ZP44C0>)

This U.S. Department of Transportation-funded dataset is preserved by the University of California, Davis in the digital repository Dryad (<https://datadryad.org>), and is available at <https://doi.org/10.25338/B8KG77>.

The related final report **Making Bicycling Comfortable: Identifying Minimum Infrastructure Needs by Population Segments Using a Video Survey**, is available from the National Transportation Library's Digital Repository at <https://rosap.ntl.bts.gov/view/dot/54557>.

Metadata from the Dryad Repository record:

Publication Date: December 21, 2019

Abstract:

This tabular data can be used to evaluate perceived bicycling comfort on distinct state highways in California. The highway settings are primarily urban, but vary in traffic conditions, lane configurations, speeds, and bicycling infrastructure. The data include survey responses to video clips of these state highways along with a series of additional survey data that co-varies with the video survey responses.

- **Methods:** Data was gathered for this project from the Fall 2017 UC Davis Campus Travel Survey (CTS). The data includes participant ratings of bicycling comfort in a block designed video experiment. Other variables related to socio-demographics, travel characteristics, travel attitudes, travel perceptions, and travel experiences were collected in the survey. Most survey questions are measured on ratio and nominal scales. The CTS was an online web-survey using Qualtrics. The video clips and attributes of the video clips were obtained from UC Berkeley SafeTREC.
- **Usage Notes:** A description for each variable is provided in an associated metadata file. Missing values are present in many variables when survey participants chose not to answer a question (indicated by NA or blanks).
- **Funding:** California Department of Transportation, Award: 65A0686 Task order 006

Recommended citation:

Fitch, Dillon; Carlen, Jane; Handy, Susan (2019), Bicycling comfort video experiment, Dryad, Dataset, <https://doi.org/10.25338/B8KG77>

Dataset description:

This dataset contains 1 .zip file collection described below.

doi_10.25338_B8KG77_v2.zip:

This collection contains 2 .csv file listed below.

- Video_survey_data_long.csv
- Metadata_video_survey_data_long.csv

The .csv, Comma Separated Value, file is a simple format that is designed for a database table and supported by many applications. The .csv file is often used for moving tabular data between two different computer programs, due to its open format. The most common software used to open .csv files are Microsoft Excel and RecordEditor, (for more information on .csv files and software, please visit <https://www.file-extensions.org/csv-file-extension>).

National Transportation Library (NTL) Curation Note:

As this dataset is preserved in a repository outside U.S. DOT control, as allowed by the U.S. DOT's Public Access Plan (<https://doi.org/10.21949/1503647>) Section 7.4.2 Data, the NTL staff has performed **NO** additional curation actions on this dataset.

NTL staff last accessed this dataset at <https://doi.org/10.25338/B8KG77>. on 2021-04-15.

If, in the future, you have trouble accessing this dataset at the host repository, please email NTLDataCurator@dot.gov describing your problem. NTL staff will do its best to assist you at that time.