VCC User Survey Results Dataset
Dataset available at: https://doi.org/10.25338/B8SC9T.

(This dataset supports report **Facilitating Electric Vehicle Adoption with Vehicle Cost Calculators,** https://doi.org/10.7922/G2NS0S5W)

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/B8SC9T.

The related final report **Facilitating Electric Vehicle Adoption with Vehicle Cost Calculators**, is available from the National Transportation Library's Digital Repository at https://rosap.ntl.bts.gov/view/dot/55525.

Metadata from the Dryad Repository record:
Publication Date: February 25, 2020
Abstract:
PROJECT: Strategies to promote plug-in electric vehicle (PEV) adoption include consumer education about potential energy cost savings. However, the complexity of comparing gasoline and electricity prices makes it difficult to quantify. Vehicle energy cost calculators (VCCs) help consumers navigate this complexity, and research shows they can increase consumer knowledge and positive attitudes about PEVs. At least 12 of these calculators exist, but none appear to be based on behavioral research. They vary in terms of a number of features that are potentially important for user experience, education, and persuasion. This seed funding will support development of design specifications for vehicle energy cost calculators based on behavioral research. The researchers will draw implications for vehicle energy cost calculator design from literature on consumer perceptions of energy costs, fuel economy, and electric vehicle adoption as well as a systematic review of currently available VCCs. They will also conduct comparative usability testing with several existing vehicle energy cost calculators. The research team will disseminate findings to a range of stakeholders to encourage development and applications of vehicle energy cost calculators that facilitate PEV adoption.

DATA: This dataset is from a usability survey with VCC users who tested three VCCs and provide feedback on their usability.

Dataset description:
This dataset contains 1 .zip file collection described below.

doi_10.25338_B8SC9T_v2.zip:
This collection contains 1 .xlsx file listed below.

- EV_Explorer_All_Data.xlsx

.xlsx: The .xlsx file is a Microsoft Excel file, which can be opened with Excel, and other free available software, such as OpenRefine.

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/B8SC9T. on 2021-04-14.

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.