Dataset for Smile Detection from Face Images

Published: 24 Jan 2017 | **Version 5** | **DOI:** 10.17632/yz4v8tb3tp.5

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Description of this data

This data is used in the second experimental evaluation of face smile detection in the paper titled "Smile detection using Hybrid Face Representaion" - O.A.Arigbabu et al. 2015.

Download the main images from LFWcrop website: http://conradsanderson.id.au/lfwcrop/ to select the samples we used for smile and non-smile, as in the list.

Kindly cite:

Arigbabu, Olasimbo Ayodeji, et al. "Smile detection using hybrid face representation." Journal of Ambient Intelligence and Humanized Computing (2016): 1-12.

C. Sanderson, B.C. Lovell. Multi-Region Probabilistic Histograms for Robust and Scalable Identity Inference. ICB 2009, LNCS 5558, pp. 199-208, 2009

Huang GB, Mattar M, Berg T, Learned-Miller E (2007) Labeled faces in the wild: a database for studying face recognition in unconstrained environments. University of Massachusetts, Amherst, Technical Report

Experiment data files

Download all files (2)

TXT NON-SMILE_list.txt

15 KB Cite

List of the samples selected from LFW for NON-SMILE faces

TXT SMILE_list.txt

14 KB Cite

List of the samples selected from LFW for SMILE faces

Related links

http://link.springer.com/article/10.1007/s12652-015-0333-4

article is source of this dataset

http://link.springer.com

LFWcrop (cropped Labeled Faces in the Wild)

dataset is source of this dataset

http://conradsanderson.id.au

Associated article

This data is associated with the following publication:

Smile detection using hybrid face representation

Published in:

Journal of Ambient Intelligence and Humanized Computing (print)

Latest version

Version 5 2017-01-24

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Cite this dataset

Arigbabu, Olasimbo (2017), "Dataset for Smile Detection from Face Images", Mendeley Data, v5

http://dx.doi.org/10.17632/yz4v8tb3tp.5

Statistics

Views: **4754** Downloads: **462**

Previous versions

Version 4	2017-01-23
Version 3	2017-01-18
Version 2	2017-01-18
Version 1	2017-01-18

Compare to version

Version 5

Institutions

Universiti Putra Malaysia Fakulti Kejuruteraan

Categories

Computer Vision, Image Processing, Machine Learning, Facial Recognition, Expression Analysis, Face Perception, Emotion Expression

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