

Dear Colleague,

The Bank Of Standardized Stimuli (BOSS) is a set of normative high quality visual stimuli to use in cognitive and psycholinguistic research. This project started in 2009 with creation of 1491 photos of common objects and normalization of a subset of 538 photos in English. Fifty eight stimuli were removed from the normative subset due to unsatisfactory naming norms. The remaining 480 normative photos were described for the first time in the open journal PLoS ONE in 2010. Norms from French-native speakers were collected later and published in 2012 in Behavior Research Methods. Additional naming norms were also computed to identify sources of disagreement causing naming variability. Thirteen of the 480 normative stimuli were excluded following the new analyses. This work was published in PLoS ONE in 2012.

The BOSS is currently divided into three subsets:

- 921 non-normative stimuli: photos which depict either the normative objects from a different viewpoint or other objects that are exemplars, thus of the same type, of the normative objects.
- 58 normative but excluded stimuli: removed due to insufficient name agreement.
- 480 normative stimuli: these stimuli include the 13 excluded stimuli following the sources of name disagreement analyses.

All photos are in jpg format. The 480 normative stimuli are also offered in png format for those who need to insert the objects in scenes. Photos are identified by the object's name which does not necessarily correspond to the modal name. Exemplars are distinguished by numbers and viewpoints by letters. The norms are provided in an excel file. The data collected on individuals subjects can be given upon request.

Stimuli and norms are stored on a Google drive space. They can be accessed by logging in with your google account if you have one or as a guest by logging to Google with the following information:

User name: bankofstimuliguest

Password: bankofstimuli

The stimuli can be downloaded free of charge but they must be used in respect to the Creative Commons Attribution-Share Alike 3.0 license. Copyright (C) 2009, 2010 Mathieu Brodeur [mathieu.brodeur@gmail.com](mailto:mathieu.brodeur@gmail.com). To view a copy of this license, visit <http://creativecommons.org/licenses/by-sa/3.0/> or send a letter to Creative Commons, 171 Second Street, Suite 300, San Francisco, California, 94105, USA.

If you use any stimuli for an experiment, please cite Brodeur et al. (2010, PLoS ONE). If you use the norms in French or the sources of name disagreement, please cite Brodeur et al. (2012, Behavioral Research Methods) and O'Sullivan et al. (2012, PLoS ONE, 2012), respectively.

Note that the BOSS is continuously growing with additional data, norms or stimuli. A new set of 940 photos including objects, animals, body parts, and vehicles is currently being normalized and will be added to the actual 480 normative photos. You will be notified as soon as this new version of the BOSS is ready. You are also welcome to join us in our effort to develop the BOSS and to make it an

incontrovertible tool in cognitive and psycholinguistic research. If you wish to participate to this project, please send us new photo stimuli or any norms you have collected for the photos to Mathieu Brodeur (mathieu.brodeur@gmail.com). These norms will be added to our norm data sheet described on our website (<https://sites.google.com/site/bosstimuli/>) and will be available to the scientific community. Your contribution will be clearly acknowledged and quotation of your work will be required to anyone using your material or data.

Do not hesitate to contact us if you have any questions or specific requests,

Best regards,



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