

Supporting information

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A value creation model from science-society interconnections: Components and archetypes

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Description dataset 1 – dataset_archetypes.csv

This dataset includes 6,174 observations related to researchers surveyed with 15 different variables attached to each observation. It includes two types of variables.

- The variables *production*, *engagement*, *translation*, *dissemination*, *transmission* and *discipline* are extracted from the EXTRA Survey.
- The variables *OA*, *PUBS*, *p_twitter*, *p_news* and *p_policy* are extracted from Web of Science, Altmetric.com and Unpaywall. All these variables reflect numbers of publications: overall (PUBS), in Open Access (OA), mentioned in Twitter (*p_twitter*), mentioned in news media (*p_news*) and mentioned in policy briefs (*p_policy*).

This dataset is used to conduct the archetypal analyses in the paper.

Description dataset 2 – all_titles.txt

This dataset includes 68,913 observations. Each observation includes the title of a publication (co)authored by respondents from the survey, indexed in Web of Science and published between 2013 and 2015. Linkages to each individual are not included in order to ensure anonymity.

This dataset as well as subsets of it are used to create the co-occurrence maps in figures 4 to 7.