Maina MB et al. Data on African Neuroscience 2016-2017

Files included
- RawData.xls
- *CountryCodes.xls*
- TopicCodes.xls
- *FundingData.xls*
- *FundingCodes.xls*

*RawData.xls***: The bulk of all raw data.**
- Year – year of publication
- Country – Number-coded country of study lead. For a lookup, see CountryCode.xls
- Topic – Main research theme of the paper. For a lookup, see TopicCodes.xls
- Authors, Title, Journal (self-explanatory)
- AfricanJournal – Is the publishing journal African-based? (0 no, 1 yes)
- Impact – Journal impact factor as of 2019
- Citations – Number of citations in 2019
- Model – Model systems/species used
- Genetic – Were any of the model systems used genetically modified? (0 no, 1 yes)
- BasicOrClinical – Study was classed as basic research (0) or clinical research (1)
- AdvMethods – Did study use any "advanced" methods (see Methods) (0 no, 1 yes)
- Plants – Did the study use or test medicinal plants (0 no, 1 yes)
- P_Name – name(s) of medicinal plants used, where applicable
- P_Use – tested pharmacoactive effect of plants, where applicable
- P_Success – Are plant's effects reported to be verified?
- N_affiliations – Total number of different affiliations listed amongst authors (*Affiliations count as multiple when different institutions are listed, but not when different departments within an institution are listed*)
- InternationalCollab – Was study result of international collaboration? (0 no, 1 yes)
- CC1 – CCn – country code(s) of international collaborators (see CountryCode.xls)

CountryCodes.xls: **Country codes as external country-metrics**
- CountryCode – Alphabetically allocated code for each African country (1-52). *Note1: Specific non-African countries that were used for comparison are listed beneath (53-57), followed by codes for non-African major geopolitical regions (101-106). Note also that Congo Brazzaville (index 59, region 4) and Western Sahara (60, region 1) are excluded from this country list as 0 publications came from these countries.*
- African Region – Region code for each country: *African Islands (0, except Madagascar), Northern (1), Western (2), Eastern (3), Central (4), Southern Africa (5)*
- Population - http://www.worldometers.info/world-population/population-by-country/
- Gross domestic product (GDP) - *https://unstats.un.org/unsd/snaama/Index*
- Research and Development (R&D) Spending - http://uis.unesco.org/apps/visualisations/research-and-development-spending/
- Researchers per million http://uis.unesco.org/apps/visualisations/research-and-development-spending/
- Corruption index (CI) - https://www.transparency.org/news/feature/corruption_perceptions_index_2017

- Global peace Index (GPI) - https://en.wikipedia.org/wiki/Global_Peace_Index
- Gross domestic expenditures on R&D (GERD) - https://data.worldbank.org/indicator/gb.xpd.rsdv.gd.zs

***TopicCodes.xls*: Lookup for research themes**
based on those defined by the Society of Neuroscience 2018 conference.

***FundingData.xls:* Funding for all studies published in journals with IF≥5.**
Entries as in RawData.xls. In addition:
- LocalFund – Did the study declare domestic funding? (0 no, 1 yes)
- InternationalFund – Did the study declare international funding (0 no, 1 yes)
- FC1a,b etc. : Funding Code 1a and 1b; etc, where the number stands for the first, second, nth funder, and a/b encodes the actual funder (a) and its country (b) for detail, see FundingCodes.xls. *Note that for FCs: NAN – no funding disclosed; 0 – funding disclosed as "none"; -1 – funding information not accessible*

FundingCodes.xls: Excel Table with funder codes
- FundingCode – Two-part code, with part one denoting the funder's country, and part two denoting an index of funders within that country. *For example, 01_01 is Algeria's (country 1) Ministry of Public Health (funder 1), while 01_02 is Algeria's (country 1) Ministry of Education (funder 2). For country lookups, see CountryCodes.xls*
- Funder – the funder's name