

Pythia Tabular Data Transfer Specification

Version 1, 15.10.2020

Data Quality

- Raw data as little processed as possible
- Especially no record should be removed or interpolated

File Package

Tabular data is transferred via CSV files which can be packed in a ZIP archive. In both cases they must be stored directly in the root folder and not in subfolders.

Generally, the following rules apply:

- The file's charset is UTF-8
- Records are separated by CR LF (Windows line endings)
- Columns are separated by comma

File Format

The CSV files match the following format:

- File name: irrelevant but with extension ".csv"
- Header is "<signal 1 id>,<signal 2 id>"
- Each line matches "<value of signal 1>,<value of signal 2>"
- Analogously, there can be more signals than 2
- If a signal does not have a value in some record, the value is left out (",<value of signal 2>")

Generally, the following rules apply:

- Signal ids do not contain " or ; or \$
- Values are formatted as 64bit Float written as in XML Schema