

FAO/INFOODS

Evaluation Framework to Assess the Quality of Published Food Composition Tables and Databases (FCT/FCDBs) – (Evaluation Framework)

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Background

- Evaluation systems are important to systematically assess the quality of data or products to make decisions on inclusion or usage.
- In food composition, evaluation systems exist for specific analytical data (USDA and EuroFIR),...

... but none exists at the level of published FCT/FCDBs.



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Aim

to develop an Evaluation Framework that will assist compilers and users to assess the **quality of published FCT/FCDB** in a **standardized manner**.

Objectives

- to assist users and decision-makers in the selection of the appropriate FCT/FCDB for their purpose
- to demonstrate areas of improvement for compilers for future editions



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Methodology



INFOODS
Listserv call for
participation on
Evaluation
Framework

Preparation of
draft

4
round
s

Inclusion of
feedback,
refining of
criteria

Scoring + final
feedback

Programming
and testing
Tool:
Excel Macro

Publication



Dec 2014

Feb 2015 – Aug 2017

Sep – Nov 2017

Dec 2017



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Information

- Target group: compilers and users of published FCT/FCDBs
- Precondition I: Published FCT/FCDBs
- Precondition II: evaluation based on documentation available to the public

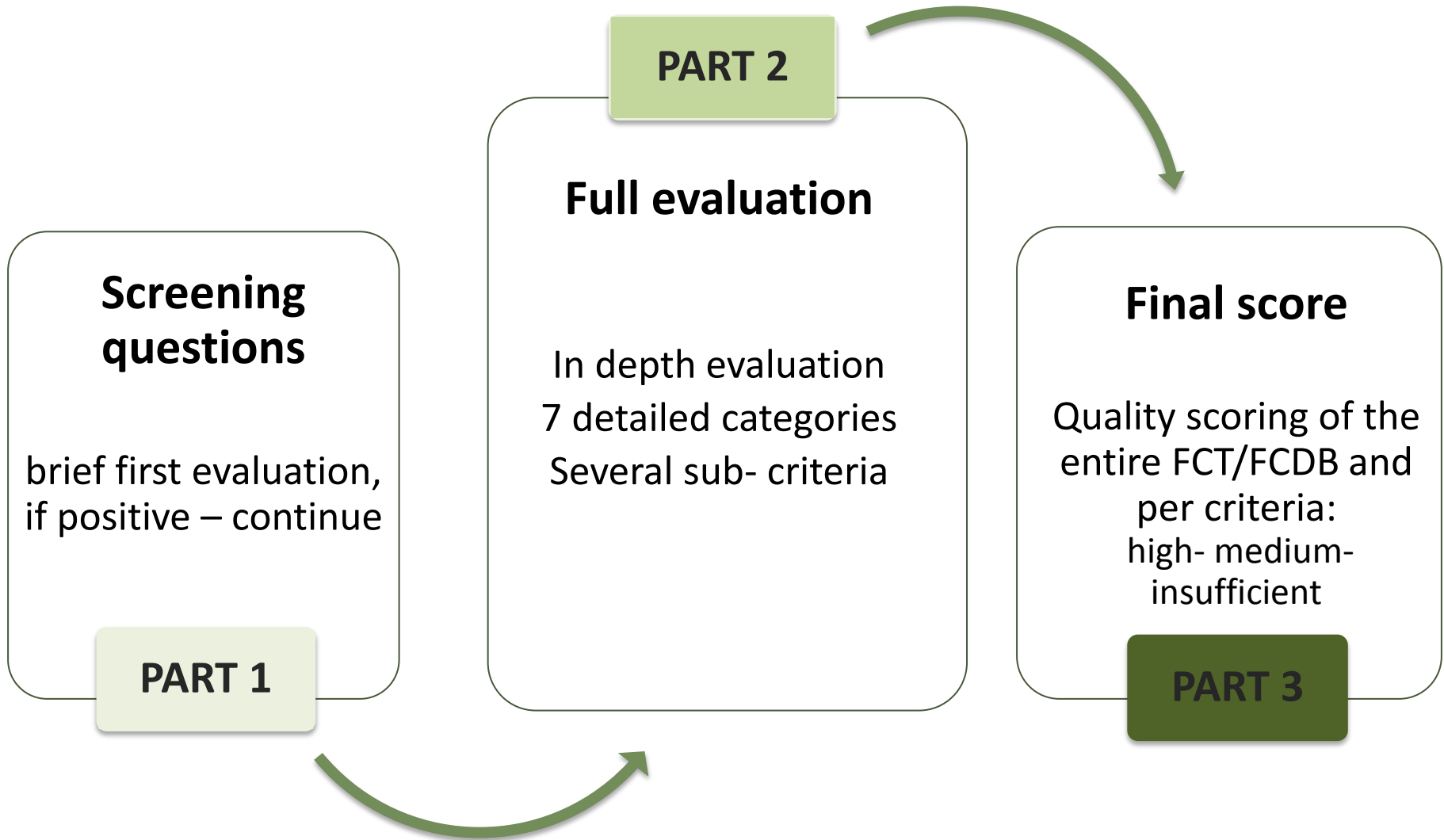


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Results Overview



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Results I

Part 1 Screening questions

- Brief first evaluation
- Target group: User/compiler
- 8 criteria
- Minimum score required to continue to part 2



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Results II

Part 2 Full evaluation

Nr.	Category	Nr. of criteria
1	Documentation in the FCT/FCDB to inform users	11
2	Food coverage	5
3	Food identification	3
4	Component and value coverage and component expression	2
5	Quality of data – analysis- the compilation process and checking	7
6	Public access of FCT/FCDB	5
7	Year of publication and frequency of updates	2



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Example of Part 1 Screening questions

Example: West Africa



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Example of Part 2 Full evaluation



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Next steps

- Finalization of scoring system
- Programing and testing
- Publication/release of Evaluation Framework on INFOODS website, hopefully by December 2018
- Summary evaluation of several evaluators published on the INFOODS website
 - from user perspective
 - from compiler perspective



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