

Data dictionary - van Wijk 2023 PLoS One

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This is the collected data for the formative test. Individuals who did not consent or used study materials are already excluded.

The dataset `dat_ft_rm.csv` contains the data for the course Regulation and Metabolism (RM) and the dataset `dat_ft_da.csv` contains the data for the course Diseases of the Abdomen (DA).

The following columns are available:

- ID: a random identifier
- Course: the followed course
 - ss = RM
 - vb = DA
- Version: whether students started with multiple choice questions and then received very short answer questions or the other way around
 - a = started with multiple choice questions
 - b = started with very short answer questions
- ev01: ev09: evaluation questions of students' experiences 1 through 9. The specific question is available in the supplemental information: <https://doi.org/10.1371/journal.pone.0288558.s001>.
 - values are 0.01 through 0.05 indicating a Likert-scale from strongly disagree to strongly agree
 - ev04 is the expected grade, with 0.01 indicating a 1 (lowest grade) and 0.10 indicating a 10 (highest grade)
- mcXX: the XXth multiple choice question.
 - 1 = correct
 - 0 = incorrect
- ovXX: the XXth very short answer question
 - 1 = correct
 - 0 = incorrect
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The number of multiple choice question corresponds to the equal very short answer question. For example, mc09 was the same question in multiple choice format as ov09 in very short answer format. For further questions, please contact the corresponding author.