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## Understanding the behavioral determinants of adolescents' water consumption: A cross-country comparative study

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## Dataset Water Consumption Determinants

This dataset was used for the published open-access article by Franken, S. C. M., Smit, C. R., de Leeuw, R. N. H., van Woudenberg, T. J., Burk, W. J., Bevelander, K. E., & Buijzen, M. (2023). Understanding the behavioral determinants of adolescents' water consumption: A cross-country comparative study. *Dialogues in Health*, 2, 100101. <https://doi.org/10.1016/j.dialog.2023.100101>. If data is reused, please contact the author at [saskia.franken@ua.aw](mailto:saskia.franken@ua.aw) for collaboration and/or additional information.

The final dataset for this article consisted of three similar datasets: two datasets from Aruba and one from the Netherlands. As reported in the article, these three datasets were adjusted and merged for analysis. On this repository, the aggregated dataset has been uploaded. The first dataset from Aruba was collected from secondary schools, and its methodology is described here: Franken, S. C. M., Smit, C. R., de Leeuw, R. N. H., & Buijzen, M. (2022). *Methodology for study on water and sugar-sweetened beverages consumption among secondary schools in Aruba*. <https://osf.io/zu5vf>.

The second dataset from Aruba consisted of the baseline data from another study among primary schoolchildren, and the methodology section can be viewed in the following article: Franken, S. C. M., Smit, C. R., & Buijzen, M. (2018). Promoting water consumption on a Caribbean island: An intervention using children's social networks at schools. *International Journal of Environmental Research and Public Health*, 15(4), 713. <https://doi.org/10.3390/ijerph15040713> and the dataset can be found here <https://hdl.handle.net/20.500.14473/914>.

The dataset from the Netherlands consisted of the first wave data of the MyMovez project among primary and secondary school children and the study protocol can be viewed here: Bevelander, K. E., Smit, C. R., van Woudenberg, T. J., Buijs, L., Burk, W. J., & Buijzen, M. (2018). Youth's social network structures and peer influences: Study protocol MyMovez project - Phase I. *BMC Public Health*, 18(1), 504. <https://doi.org/10.1186/s12889-018-5353-5> and the dataset can be found here: Buijzen, M., & Bevelander, K. (2019). *Data of the MyMovez project*. *DANS 2019*. <https://doi.org/17026/dans-zz9-gn44>

Six files (IBM SPSS) are associated with this article:

- 1\_README (this document)
- 2\_Dataset.csv
- 3\_Syntax.txt
- 4\_Output\_Part1.pdf
- 5\_Output\_Part2.pdf
- 6\_Output\_Part3.pdf

The codes (i.e., abbreviations) and description of each variable of the dataset are included in the table on the next page. The syntax file includes the scripts/ commands. The output file `Output_Water_Consumption_Determinants` contains all the analyses performed for the paper except for the moderation analyses. The moderation analyses are saved in the other two output files.

<b>Variable code</b>	<b>Variable description</b>
Participantnr	Identification of the participant
Country	Country of residence
School_type	Primary or secondary school
Sex	Sex
Age	Age
TL	Thirst level
WAT_CONS	Water consumption
SSB_CONS	Sugar-sweetened beverages consumption
BI_WAT	Behavioral intention regarding water consumption
AT_WAT	Attitude toward water consumption
SE_WAT	Perceived behavioral control regarding water consumption
DN_P_WAT	Descriptive norm of parents, caretakers regarding water consumption
DN_F_WAT	Descriptive norm of friends regarding water consumption
IN_P_WAT	Injunctive norm of parents, caretakers regarding water consumption
IN_F_WAT	Injunctive norm of friends regarding water consumption
IM_WAT	Intrinsic motivation regarding water consumption