When more is less: adding more traits dilutes the functional diversity-environment relationship

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# Conflict of Interest

The authors declare no conflict of interests.

# **Authors’ contributions**

All authors conceived the ideas and designed methodology; MG performed the simulations and analysed the data; MG led the writing of the manuscript. All authors contributed critically to the drafts and gave final approval for publication.

# **Data availability statement**

All the code used to generate the analyses presented in the manuscript is archived on Zenodo at https://doi.org/XXXXXX/XXXX, a development copy of the code is available on GitHub at <https://github.com/Rekyt/fddimensionality_ms>.