Project ADAPT values collaboration with other researchers. That’s why we embrace the principles of Open Science. At our [OSF page](https://osf.io/e2jzk/), we share our preregistrations, syntaxes and codebooks. Moreover, we are happy to share our data with researchers who would like to use our data for scientific publications. Below please find a short description of our key-values and guiding principles.

Thanks for your interest in our data and project!

Team ADAPT

Savannah Boele, Anne Bülow, Claire Laudij, and Loes Keijsers

#### Available data sets

Screening (N = 680, t = 1): 680 pupils aged 12-16 years filled out questionnaires on parenting and mental well-being.

Dutch Experience Sampling Study on Parent-Adolescent Interaction (‘Weten wat je meet’, N = 99, tmax = 111): Experience Sampling study with 99 adolescents receiving multiple questionnaires at random times during the day, for three weeks. Questions were about current emotional well-being and parent-adolescent interactions. (For more information see: <https://osf.io/q8kmh/>)

One Size Does Not Fit All (‘Elk Gezin is Anders’, N = 447, t = 26): 259 adolescents and 188 parents were followed for a full year, sending out a questionnaire to parent and child every second week. Questions included, among others, parenting, and adolescent and parent well-being (For more information see: <https://osf.io/e2jzk/>)

100 Days of My Life (‘100 dagen, 100 vragen’, N = 318, t1= 100, t2 = 5): 159 parents and their child filled out 100 days of daily diaries about their well-being and parenting interactions. Data collection is still in progress. (For more information see <https://osf.io/a9g7c>)

**Our guiding principles of collaboration**

* Data collection was funded by public means, which makes it our responsibility to obtain as many high-quality scientific insights from our data as possible. Therefore, we share our data for free with other scholars.
* Data collection was conducted by team ADAPT, which makes it legitimate that team members are involved as co-authors.
	+ One of the key-points of ADAPT is to address concerns in the literature regarding a mismatch of conceptual questions and data analyses (e.g., Boele et al, 2020; Keijsers & Van Roekel, 2018). Hence, in each publication resulting from the data, the data analyses need to match the conceptual questions.
* Team ADAPT values Open Science, therefore:
	+ We preregister each publication, unless there are urgent reasons not to do so.
	+ Data will be provided after preregistration.
	+ Each publication will be published 100% open access, unless there are pressing reasons not to do so.
	+ Covariance matrices and syntaxes will be published online (e.g., on OSF) after publication for replication purposes and meta-analyses.
	+ To protect the privacy of participants:
* Data will not be reproduced or transferred in any form (e.g., student-assistants are not allowed to work on data).
* The raw data cannot be made accessible without consent of team ADAPT.

**Collaboration process**

**Each process of collaborating is different, but here is what we consider an ideal process of collaboration, to ensure scientific quality, feasibility, integrity, and project role clarity.**

**Phase 1. orientation**

* External researchers have a meeting with the team to discuss their ideas.
* The reseachers will check whether there is no conceptual overlap between the work of ADAPT researchers and external researchers (*as already preregistered or part of the original VIDI project; in principle questions regarding the link between parenting and adolescent outcomes are the topic of the PhD-dissertation of Savannah Boele and Anne Bülow, so these need to be carefully discussed*).
* The external researcher provides the following information (see figure below), if possible beforehand.
* The team discusses with the external researcher the feasibility of the plan (e.g., can questions be answered with the data) and potential overlap with the work of PhD-students.
* Iterative improvements are made until questions and hypotheses are agreed upon by each contributing researcher, and the project is considered feasible and unique compared to the work of PhD-students.

🡪 the project is ready for preregistration (Phase 2)

Phase 1. Orientation on collaboration.

|  |
| --- |
| **Project description** |
| **Publication Title** |  |
| **Authors [and expected roles in project, e.g. who will run analyses, who will write which section?]** |  |
| **Journal or aimed conference**  |  |
| **Description of the project**Describe your research questions and/or hypotheses (briefly, max 1 page) |  |
| **Dataset (which dataset and instruments will be used to answer this question)** |  |

Phase 2. Preregistration

* Pre-registration ideally includes:
* Brief theoretical background and hypotheses
* Analysis plan/sample syntax
* Power analysis
* The team will help external researchers to preregister, if they are less experienced (and will provide templates e.g., from Open Science Framework (OSF) or aspredicted.org and examples).
* Each co-author agrees with the final version before preregistration is uploaded.

🡪 The data will be provided (Phase 3)

Phase 3. Data-access

* Researchers fill out the forms in the appendix to indicate which variables are needed.
* The ADAPT team provides the data as soon as possible.
* Researchers analyse the data themselves and don’t share the data files with others without consent of the ADAPT team.

Phase 4. Publication (Open Science)

* Each team member contributes according to the pre-defined roles in the project.
* Each co-author agrees on the final version of the publication.
* We publish 100% Open Access (in principle covered by first author).
* If allowed by the journal, we encourage preprints (e.g., Psyarxiv.com).
* Syntaxes and covariance matrices are published in an online repository (e.g. OSF).

**We are looking forward to collaborating!**

References and examples

Conceptual work : What can be gained from intensive longitudinal data?

Boele, S., Denissen, J., Moopen, N., & Keijsers, L. (2019). Over-time fluctuations in parenting and adolescent adaptation within families: a systematic review. *Adolescent Research Review*, 1-23.

Keijsers, L., & van Roekel, E. (2018). Longitudinal methods in adolescent psychology: Where could we go from here? And should we? 1. In *Reframing adolescent research* (pp. 56-77). Routledge.

van Roekel, E., Keijsers, L., & Chung, J. M. (2019). A review of current ambulatory assessment studies in adolescent samples and practical recommendations. *Journal of Research on Adolescence*, *29*(3), 560-577.

Empirical work : How to study (heterogeneity in) within-family and within-person processes

Beyens, I., Pouwels, J. L., van Driel, I. I., Keijsers, L., & Valkenburg, P. M. (2020). The effect of social media on well-being differs from adolescent to adolescent. *Scientific Reports*, *10*(1), 1-11.

Beyens, I., Pouwels, J. L., van Driel, I. I., Keijsers, L., & Valkenburg, P. M. (2020). Social media use and adolescents’ well-being: Developing a typology of person-specific effect patterns.

Janssen, L. H., Elzinga, B. M., Verkuil, B., Hillegers, M. H., & Keijsers, L. (2021). The link between parental support and adolescent negative mood in daily life: Between-person heterogeneity in within-person processes. *Journal of youth and adolescence*, *50*(2), 271-285.

Kapetanovic, S., Boele, S., & Skoog, T. (2019). Parent-adolescent communication and adolescent delinquency: Unraveling within-family processes from between-family differences. *Journal of Youth and Adolescence*, *48*(9), 1707-1723.

Nelemans, S. A., Keijsers, L., Colpin, H., van Leeuwen, K., Bijttebier, P., Verschueren, K., & Goossens, L. (2020). Transactional links between social anxiety symptoms and parenting across adolescence: Between‐and within‐person associations. *Child development*, *91*(3), 814-828.

Empirical work on ADAPT data: Including multiple time scales in one study

Boele, S., Nelemans, S., Denissen, J., Prinzie, P., Bülow, A., & Keijsers, L. (2021). Testing Transactional Processes between Parental Support and Adolescent Depressive Symptoms: From a Daily to a Biennial Timescale.

Empirical work on ADAPT data: COVID

Bülow, A., Keijsers, L., Boele, S., van Roekel, E., & Denissen, J. (2020). Parenting Adolescents in Times of a Pandemic: Changes in Relationship Quality, Autonomy Support, and Parental Control?.

Keijsers, L., & Bülow, A. Growing up in times of COVID-19. When a window of opportunity is temporarily closed.

Methodological work on ADAPT-ESM data

de Haan-Rietdijk, S., Voelkle, M. C., Keijsers, L., & Hamaker, E. L. (2017). Discrete-vs. continuous-time modeling of unequally spaced experience sampling method data. *Frontiers in Psychology*, *8*, 1849.

Vogelsmeier, L. V., Vermunt, J. K., Bülow, A., & De Roover, K. (2020). Evaluating covariate effects on ESM measurement model changes with latent Markov factor analysis: A three-step approach.

Vogelsmeier, L. V., Vermunt, J. K., Keijsers, L., & De Roover, K. (2021). Latent Markov latent trait analysis for exploring measurement model changes in intensive longitudinal data. *Evaluation & the health professions*, *44*(1), 61-76.

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| Procedure to be followed to make a request |
| 1. Complete the form below and save it as ***ADAPT-dd-mm-yyyy-Name, Surname .doc*** format.

2- Send this file by e-mail to the PI of the ADAPT project: Loes Keijsers (keijsers@essb.eur.nl)  |
| Each request will be analysed (clarity, working hypotheses) by Loes Keijsers. The data file will be sent to you once Loes has authorised the request. |

**Appendix Phase 3. Data-access**

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| **Ownership rights agreement** |
| * I hereby pledge my word to use the ADAPT DATA requested hereafter for the sole purpose of preparing the project described below.
* I vow not to reproduce or transfer the data file in any form, including any documentation produced for statistical or research purpose, for the benefit of a third party.
* I pledge my word to submit to the consent of all authors, co-authors and person responsible for the ADAPT Study, the scientific publication linked to the ADAPT data BEFORE any submission (or re-submission) to editor or conference. The same procedure applies to the presentation of a report, thesis, dissertation, etc.
* I have read and agree to the collaboration principles of team ADAPT and will ensure the protection of participants privacy
 |
| **I foresee to submit my publication\* on :**  |  |
|  |
| This form, once sent by E-mail, will be equivalent to your signature | I, the undersigned [YOUR NAME HERE] hereby declare to have read and to agree to the previous written indications.  | Date |  XX-XX-XX |

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| **Applicant’s identification** |
| **Name, Surname** |  |
| **Statute** (Delete the useless mention)  |  |
| **Person (s) in charge** (Director for dissertation, thesis, post-doctoral work) |  |
| **Department** |  |
| **University** |  |
| **E-mail address** |  |
| **Telephone** |  |

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| **Project description** |
| **Publication Title** |  |
| **Authors** |  |
| **Journal or aimed conference**  |  |
| **Give 5 specific keywords for this project** |  |
| **Preregistrated plan** | [please provide link, e.g., to OSF] |

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| **Data Request** |
| **Required variables (measures).** Add list and specify the assessment concerned by your study (computer questionnaire (AAs, AA1/OO1, AA2/OO2, AA3/OO3) or EMA wave (EMA1/EMA2/EMA3) E.g. Measure: *NRI, EMOTIONS*; Scale/Variables: *Support, Negative Interaction, Power* ; Assessment: *EMA1***Please note that all variables mentioned here must be justified by your research hypotheses (dependent or independent variables).** |
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| **Measure** | **Scale / Variables**  | **Assessment** | **Data manager’s Comments** |
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| Data file prepared by | . |

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| **To be filled out by applicant** |
| **Researcher(s) responsible for the project / supervisor(s)** |
| Name(s) |
|  |
|  |
| Suggested co-author(s) from ADAPT team\* |  |
| Name(s) |
| Loes Keijsers / Anne Bülow / Savannah Boele  |
| \* We follow the authorship guidelines of VSNU in this regard (<https://www.vsnu.nl/files/documents/Netherlands%20Code%20of%20Conduct%20for%20Research%20Integrity%202018.pdf>), specifically: *29. Do justice to everyone who contributed to the research and to obtaining and/or processing the data. 30. Ensure a fair allocation and ordering of authorship, in line with the standards applicable within the discipline(s) concerned. 31. All authors must have made a genuine intellectual contribution to at least one of the following elements: the design of the research, the acquisition of data, its analysis or the interpretation of findings. 32. All authors must have approved the final version of the research product. 33. All authors are fully responsible for the content of the research product, unless otherwise stated.* |