

## CURRICULUM VITAE

### Koen P. Derks

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### (a) Education

<i>Institution</i>	<i>Location</i>	<i>Subject</i>	<i>Graduated</i>
Nyenrode Business University	Breukelen, NL	Audit Methodology	Ph.D., 2018 – present
University of Amsterdam	Amsterdam, NL	Psychological Methods	M.Sc. <i>with merit</i> , 2018
University of Amsterdam	Amsterdam, NL	Psychology	B.Sc. <i>with merit</i> , 2016

### (b) Professional Experience

<i>Time period</i>	<i>Function</i>	<i>Organization</i>
2016 – present	Developer	JASP (University of Amsterdam)
2017 – 2018	Student assistant	Faculty of Economics and Business (University of Amsterdam)
2016 – 2017	Student assistant	Center of Blended Learning (University of Amsterdam)
2016 – 2016	Teacher of statistics	Tentamentrainingen.nl

### (c) Qualifications

BKO (University Teaching Qualification) Nyenrode Business University

### (d) Software

<i>Name</i>	<i>Platform</i>	<i>Version</i>	<i>Website</i>
jfa	R (CRAN)	0.5.0	<a href="http://koenderks.github.io/jfa">koenderks.github.io/jfa</a>
Audit module	JASP	0.3.1	<a href="http://jasp-stats.org">jasp-stats.org</a>
Machine Learning module	JASP	0.1.0	<a href="http://jasp-stats.org">jasp-stats.org</a>
Bain module	JASP	0.1.0	<a href="http://jasp-stats.org">jasp-stats.org</a>

### (e) Research Output

#### *Publications*

- van Doorn, J., van den Bergh, D., Dablander, F., van Dongen, N. N. N., Derks, K., Evans, N. J., Gronau, Q. F., Haaf, J. M., Kunisato, Y., Ly, A., and et al. (2021). Strong public claims may not reflect researchers' private convictions. *Significance*, 18(1):44–45.
- Ly, A., Stefan, A., van Doorn, J., Dablander, F., van den Bergh, D., Sarafoglou, A., Kucharský, S., Derks, K., Gronau, Q. F., Raj, A., Boehm, U., van Kesteren, E.-J., Hinne, M., Matzke, D., Marsman, M., and Wagenmakers, E.-J. (2020). The Bayesian methodology of Sir Harold Jeffreys as a practical alternative to the p value hypothesis test. *Computational Brain & Behavior*, 3(2):153–161.
- van den Bergh, D., van Doorn, J., Marsman, M., Draws, T., van Kesteren, E.-J., Derks, K., Dablander, F., Gronau, Q. F., Kucharský, S., Gupta, A. R. K. N., Sarafoglou, A., Voelkel, J. G., Stefan, A., Ly, A., Hinne, M., Matzke, D., and Wagenmakers, E.-J. (2020). A tutorial on conducting and interpreting a Bayesian ANOVA in JASP. *L'Année psychologique*, 120(1):73.
- Landy, J. F., Jia, M. L., Ding, I. L., Viganola, D., Tierney, W., Dreber, A., Johannesson, M., Pfeiffer, T., Ebersole, C. R., Gronau, Q. F., Ly, A., van den Bergh, D., Marsman, M., Derks, K., Wagenmakers, E.-J., Proctor, A., Bartels, D. M., Bauman, C. W., Brady, W. J., Cheung, F., Cimpian, A., Dohle, S.,

- Donnellan, M. B., Hahn, A., Hall, M. P., Jiménez-Leal, W., Johnson, D. J., Lucas, R. E., Monin, B., Montealegre, A., Mullen, E., Pang, J., Ray, J., Reiner, D. A., Reynolds, J., Sowden, W., Storage, D., Su, R., Tworek, C. M., Bavel, J. J. V., Walco, D., Wills, J., Xu, X., Yam, K. C., Yang, X., Cunningham, W. A., Schweinsberg, M., Urwitz, M., Collaboration, T. C. H. T., and Uhlmann, E. L. (2020). Crowdsourcing hypothesis tests: Making transparent how design choices shape research results. *Psychological Bulletin*, 146(5):451–479.
5. van Doorn, J., van den Bergh, D., Böhm, U., Dablander, F., Derks, K., Draws, T., Etz, A., Evans, N. J., Gronau, Q. F., Haaf, J. M., Hinne, M., Kucharský, Š., Ly, A., Marsman, M., Matzke, D., Gupta, A. R. K. N., Sarafoglou, A., Stefan, A., Voelkel, J. G., and Wagenmakers, E.-J. (2020). The JASP guidelines for conducting and reporting a Bayesian analysis. *Psychonomic Bulletin & Review*.
  6. Derks, K., Burger, J., van Doorn, J., Kossakowski, J. J., Matzke, D., Atticciati, L., Beitner, J., Benzesin, V., de Bruijn, A. L., Cohen, T. R. H., Cordesius, E. P. A., van Dekken, M., Delvendahl, N., Dobbelaar, S., Groenendijk, E. R., Hermans, M. E., Hiekkaranta, A. P., Hoekstra, R. H. A., Hoffmann, A. M., Hogenboom, S. A. M., Kahveci, S., Karaban, I. J., Kevenaer, S. T., te Koppele, J. L., wil Kramer, A., Kroon, E., Kucharský, Š., Lieuw-On, R., Lunansky, G., Matzen, T. P., Meijer, A., Nieper, A., de Nooij, L., Poelstra, L., van der Putten, W. J., Sarafoglou, A., Schaaf, J. V., van de Schraaf, S. A. J., van Schuppen, S., Schutte, M. H. M., Seibold, M., Slagter, S. K., Snoek, A. C., Stracke, S., Tamimy, Z., Timmers, B., Tran, H., Uduwa-Vidanalage, E. S., Vergeer, L., Vossoughi, L., Yücel, D. E., and Wagenmakers, E.-J. (2018). Network models to organize a dispersed literature: The case of misunderstanding analysis of covariance. *Journal of European Psychology Students*, 9(1):48–57.
  7. Wagenmakers, E.-J., Love, J., Marsman, M., Jamil, T., Ly, A., Verhagen, J., Selker, R., Gronau, Q. F., Dropmann, D., Boutin, B., Meerhoff, F., Knight, P., Raj, A., van Kesteren, E.-J., van Doorn, J., Smira, M., Epskamp, S., Etz, A., Matzke, D., de Jong, T., van den Bergh, D., Sarafoglou, A., Steingroever, H., Derks, K., Rouder, J. N., and Morey, R. D. (2017). Bayesian inference for psychology. part II: Example applications with JASP. *Psychonomic Bulletin & Review*, 25(1):58–76.

### ***Under Review***

1. Heck, D. W., Boehm, U., Böing-Messing, F., Bürkner, P. C., Derks, K., Dienes, Z., Fu, Q., Gu, X., Karimova, D., Kiers, H., and et al. (2021). A review of applications of the Bayes factor in psychological research. *Under review*.
2. Steens, B., Bots, J., and Derks, K. (2021). Drivers of the development of digital competencies of senior controllers: Empirical evidence from the Netherlands. *Under review*.
3. Derks, K., de Swart, J., van Batenburg, P., Wagenmakers, E.-J., and Wetzels, R. (2021a). Priors in a Bayesian audit: How integration of existing information into the prior distribution can improve audit transparency and efficiency. *Under review*.
4. Derks, K., de Swart, Jacques, Wagenmakers, E.-J., Wille, J., and Wetzels, R. (2021b). JASP for Audit: Bayesian tools for the auditing practice. *Under review*.

### ***Working Papers***

1. Derks, K., de Swart, J., Wagenmakers, E.-J., and Wetzels, R. (2020a). A default Bayesian hypothesis test with applications in audit sampling. *Working paper*.
2. Derks, K., de Swart, J., Wagenmakers, E.-J., and Wetzels, R. (2020b). The Bayesian approach to audit evidence: Quantifying statistical evidence using the Bayes factors. *Working paper*.

**(f) Awards**

1st Prize Poster Award  
Kluitersprijz

Research Master Graduate Conference 2017  
Ad de Jonge Centrum voor Inlichtingen en Veiligheidsstudies

**(g) Synergistic Activities**

1. December 2020 - Present: Member of the Exam Committee Accounting Education at Nyenrode Business University.
2. August 2019 - Present: Member of the Steering Committee Statistical Auditing at the Limperg Institute.
3. Februari 2020 - Present: Member of committee 400069 (Toepassing statistische methoden) at Stichting Koninklijk Nederlands Normalisatie Instituut.