

## PUBLICATION LIST

PEER-REVIEWED  
PUBLICATIONS

SUBMITTED / UNDER REVIEW

Lunansky, G., **van Borkulo, C. D.**, Haslbeck, J. B. M., van der Linden, M. A., Garay, C. J., Etchevers, M. J., & Borsboom, D. (under review). The mental health ecosystem: Extending symptom networks with risk and protective factors.

IN PRESS

van der Wal, J. M., **van Borkulo, C. D.**, Deserno, M. K., Breedvelt J. J. F., Lees, M., Lokman, C., Borsboom, D., Denys, D., van Holst, R., Smidt, M., Stronks, K., Lucassen, P. J., van Weert, J. C. M., Sloot, P. M. A., Bockting\*, C. L. H., & Reinout W Wiers\* (2021). Advancing urban mental health research: from complexity to actionable targets for intervention. *Lancet Psychiatry*.

Moriarty, D. P., **van Borkulo, C.**, & Alloy, L. B. (2020). Inflammatory phenotype of depression symptom structure: A network perspective. *Brain, Behavior, and Immunity*. DOI: 10.1016/j.bbi.2020.12.005.

PUBLISHED

\* shared first authorship in alphabetical order

Lunansky, G., **van Borkulo, C. D.**, & Borsboom, D. (2020). Personality, resilience, and psychopathology: A model for the interaction between slow and fast network processes in the context of mental health. *European Journal of Personality*, 34(6), 969-987.

Fried, E. I., **van Borkulo, C. D.**, & Epskamp, S. (2020). On the importance of estimating parameter uncertainty in network psychometrics: A response to Forbes et al.(2019). *Multivariate behavioral research*, 1-6.

Schoevers, R. A., **van Borkulo, C. D.\***, Lamers, F., Servaas, M. N., Bastiaansen, J. A., Beekman, A. T. F., van Hemert, A. M., Smit, J. H., Penninx, B. W. J. H., Riese, H. (2020). Affect fluctuations examined with ecological momentary assessment in patients with current or remitted depression and anxiety disorders. *Psychological medicine*, 1-10.

Fritz, F., Stochl, J., Fried, E. I., Goodyer, I. M, **van Borkulo, C. D.**, Wilkinson, P. O., van Harmelen, A.-L. (2019). Unravelling the complex nature of resilience factors and their changes between early and later adolescence. *BMC medicine*, 17(1), 1-16.

De Beurs, D., Vancayseele, N., **van Borkulo, C.**, Portzky, G., & van Heeringen, K. (2018). The association between motives, perceived problems and current thoughts of self-harm following an episode of self-harm. A network analysis. *Journal of affective disorders*, 240, 262-270.

Epskamp, S., Fried, E. I., **van Borkulo, C. D.**, Robinaugh, D. J., Marsman, M., Dalege, J., Rhemtulla, M., & Cramer, A. O. J. (2018). Investigating the Utility of Fixed-margin Sampling in Network Psychometrics. *Multivariate Behavioral Research*, 2018, DOI: 10.1080/00273171.2018.1489771

Van Bork, R., **van Borkulo, C. D.\***, Waldorp, L.J., Cramer, A.O.J., & Borsboom, D. (2018). Network Models for Clinical Psychology. *Stevens' Handbook of Experimental Psychology and Cognitive Neuroscience (Fourth Ed)*, Volume 5,

Borsboom, D., Robinaugh, D. J., Epskamp, Fried, E. I., Waldorp, L. J., **van Borkulo, C. D.**, van der Maas, H. L. J., Rhemtulla, M., Cramer, A. O. J. (2018). Robustness and replicability of psychopathology networks. *World Psychiatry*, 17(2), 143-144.

Epskamp, S., **van Borkulo, C. D.**, Van der Veen, D.C., Servaas, M.N., Isvoranu, A., Riese, H., Cramer, A.O.J. (2018). Personalized Network Modeling in Psychopathology: The Importance of Contemporaneous and Temporal Connections. *Clinical Psychological Science*, 6(3), 416-427.

Schweren, L., **van Borkulo, C. D.**, Fried, E. I., Goodyer, I. M. (2017). Assessment of symptom network density as a prognostic marker of treatment response in adolescent depression. *JAMA Psychiatry*. DOI: 10.1001/jamapsychiatry.2017.3561.

Borsboom, D., Fried, E. I., Epskamp, S., Waldorp, L. J., **van Borkulo, C. D.**, van der Maas, J. L. J., Cramer, A. O. J. (2017). False alarm? A comprehensive reanalysis of "Evidence that psychopathology symptom networks have limited replicability" by Forbes, Wright, Markon, and Krueger (2017). *Journal of Abnormal Psychology*, 126(7), 989-999. doi: 10.1037/abn0000306.

Van Loo, H. M., **van Borkulo, C. D.**, Peterson, R. E., Fried, E. I., Aggen, S. H., Borsboom, D., Kendler, K. S. (2017). Robust symptom networks in recurrent major depression across different levels of genetic and environmental risk. *Journal of Affective Disorders*, 227, 313-322. doi: 10.1016/j.jad.2017.10.038.

van Rooijen, G., Isvoranu, A.M., Kruijt, O.H., **van Borkulo, C. D.**, Meijer, C.J., Wigman, J.T.W., Ruh, H.G., de Haan, L., GROUP investigators. (2017). A state-independent network of depressive, negative and positive symptoms in male patients with schizophrenia spectrum disorders. *Schizophrenia Research*, 193, 232-239. doi: 10.1016/j.schres.2017.07.035.

De Beurs, D., **van Borkulo, C. D.**, O'Connor, R.C. (2017). Association between suicidal symptoms and repeat suicidal behaviour within a sample of hospital-treated suicide attempters. *British Journal of Psychiatry Open*, 3(3), 120-126. doi: 10.1192/bjpo.bp.116.004275.

Klippel, A., Viechtbauer, W., Reininghaus, U., Wigman, J., **van Borkulo, C. D.**, MERGE, Myin-Germeys, I., Wichers, M. (2017). The cascade of stress: A network approach to explore differential dynamics in populations varying in familial risk for psychosis. *Schizophrenia Bulletin*, DOI: 10.1093/schbul/sbx037.

Van Rooijen, G., Isvoranu, A., Meijer, C.J., **van Borkulo, C. D.**, Ruhé, H.G., De Haan, L., GROUP investigators. (2017). A Symptom Network Structure of the Psychosis Spectrum. *Schizophrenia Research*, 189, 75-83. doi: 10.1016/j.schres.2017.02.018.

Isvoranu, A. M., **van Borkulo, C. D.**, Boyette, L. L., Borsboom, D., Wigman, H. J. T. W., Vinkers, C. H., & Group Investigators. (2017). A network approach to psychosis: Pathways between childhood trauma and psychotic symptoms. *Schizophrenia Bulletin*, 43 (1), 187-196.

Fried, E. I., **van Borkulo, C. D.\***, Cramer, A. O. J., Boschloo, L., Schoever, R. A., Borsboom, D. (2017). Mental disorders as symptom networks of problems: A review of recent insights. *Social Psychiatry and Psychiatric Epidemiology*, 52 (1), 1-10.

Cramer, A. O. J., **van Borkulo, C. D.**, Giltay, E. J., van der Maas, H. L. J., Kendler, S. K., Scheffer, M., & Borsboom, D. (2016). Major depression as a complex dynamic system. *PLoS ONE*, 11(12):e0167490.

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Bekhuis, E., R.A. Schoevers, **van Borkulo, C. D.**, Rosmalen, J.G.M., & Boschloo, L. (2016). The Network Structure of Depressive, Anxiety and Somatic Symptoms. *Journal of Psychosomatic Research*, 85, 55-55. DOI: 10.1016/j.jpsychores.2016.03.134.

Boschloo, L., **van Borkulo, C. D.**, Borsboom, D., & Schoevers, R. A. (2016). A prospective study on how symptoms in a network predict the onset of depression. *Psychotherapy and Psychosomatics*, 85 (3), 183-184.

Boschloo, L., Schoevers, R. A., **van Borkulo, C. D.**, Borsboom, D., & Oldehinkel, A. J. The network structure of psychopathology in a community sample of preadolescents. (2016). *Journal of Abnormal Psychology*, 125(4), 599-606.

**van Borkulo, C. D.**, Borsboom, & Schoevers, R.A. (2016). Group-Level Symptom Networks in Depression — Reply. (2016). *JAMA Psychiatry*, 73 (4); DOI: 10.1001/jamapsychiatry.2015.3157.

Fried, E. I., **van Borkulo, C. D.**, Epskamp, S., Schoevers, R. A., Tuerlinckx, F., & Borsboom, D. (2016). Measuring Depression Over Time . . . or not? Lack of Unidimensionality and Longitudinal Measurement Invariance in Four Common Rating Scales of Depression. *Psychological Assessment*. DOI: 10.1037/pas0000275.

Kossakowski, J.J., Epskamp, S., Kieffer, J.M., **van Borkulo, C. D.**, Rhemtulla, M.T., & Borsboom, D. (2016). The application of a network approach to health-related quality of life (HRQoL): Introducing a new method for assessing HRQoL in healthy adults and cancer patients. *Quality of Life Research*, 25(4), 781-792.

**van Borkulo, C. D.**, Boschloo, L., Borsboom, D., Penninx, B.W.J.H., & Schoevers, R.A. (2015). Association of symptom network structure and the course of depression. *JAMA Psychiatry*, 72 (12), 1219-1226.

Boschloo, L., **van Borkulo, C. D.**, Rhemtulla, M., Keyes, K. M., Borsboom, D., & Schoevers, R. A. (2015). The network structure of symptoms of the Diagnostic and Statistical Manual of Mental Disorders. *PLOS ONE*; DOI: 10.1371/journal.pone.0137621.

Fried, E. I., Boschloo, L., **van Borkulo, C. D.**, Schoevers, R. A., Romeijn, J-W., Wichers, M., de Jonge, P., Nesse, R. M., Tuerlinckx, F., & Borsboom, D. (2015). Commentary: “Consistent superiority of selective serotonin reuptake inhibitors over placebo in reducing depressed mood in patients with major depression”. *Frontiers of Psychiatry* 6:117; DOI: 10.3389/fpsy.2015.00117.

**van Borkulo, C. D.**, Borsboom, D., Epskamp, S., Blanken, B. W., Boschloo, L., Schoevers, R. A., & Waldorp, L. J. (2014). A new method for constructing networks from psychometric data. *Scientific Reports* 4, 5918; DOI:10.1038/srep05918.

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**van Borkulo, C. D.**, Waldorp, L. J., Boschloo, L., Kossakowski, J., Tio, P., L., Schoevers, R.A., & Borsboom, D. (2020). Comparing network structures on three aspects: A permutation test. DOI: 10.13140/RG.2.2.29455.38569.

**van Borkulo, C. D.**, Wichers, M.C., Boschloo, L., Schoevers, R.A., Kamphuis, J. H., Borsboom, D. & Waldorp, L. J. (2015). The contact process as a model for predicting network dynamics of psychopathology.

NON PEER-REVIEWED  
PUBLICATIONS

**van Borkulo, C. D.** A tutorial on R package NetworkComparisonTest (NCT). Symptom network models in depression research: From methodological exploration to clinical application. Appendix E, 249-257.

**van Borkulo, C. D.** Persistentie van depressie mogelijk bepaald door specifieke patronen in symptoomassociaties. Tijdschrift voor Psychiatrie, 58, 328-328 (2016).

**van Borkulo, C. D.** Wat zegt de netwerkstructuur van symptomen over het verloop van depressie? NESDA kerstnieuwsbrief (2015).

**van Borkulo, C.D.**, van der Maas, H.L.J., Borsboom, D., & Cramer, A.O.J. (2014). NetLogo Vulnerability to Depression. [http://ccl.northwestern.edu/netlogo/models/community/Vulnerability\\_to\\_Depression](http://ccl.northwestern.edu/netlogo/models/community/Vulnerability_to_Depression). Center for Connected Learning and Computer-Based Modeling, Northwestern University, Evanston, IL.

**van Borkulo, C. D.**, Borsboom, D., Nivard, M.G., & Cramer, A. O. J. (2011). NetLogo Symptom Spread model. [http://ccl.northwestern.edu/netlogo/models/community/Symptom\\_Spread\\_Model](http://ccl.northwestern.edu/netlogo/models/community/Symptom_Spread_Model). Center for Connected Learning and Computer-Based Modeling, Northwestern University, Evanston, IL.

MEDIA

Overall netwerken van A naar B. Interview on AmsterdamFM, Radio Swammerdam, June 11, 2017. <https://soundcloud.com/swammerdam/overall-netwerken-van-a-naar-b>

Berkhout, K. Veel symptomen maken depressie hardnekkiger. NRC, November 14th 2015.

Specific symptom associations may determine persistence of depression. Interview on MedicalResearch.com. <http://medicalresearch.com/mental-health-research/depression/specific-symptom-associations-may-determine-persistence-of-depression/19352/>