

## Publications 2020

### Publications 2020

Department of Psychiatry  
Amsterdam UMC/location VUmc  
GGZ inGeest, Research & Innovation

1. Aaltonen, M, Raitanen, J, Comijs, H & Broese van Groenou, M 2020, 'Trends in the use of care among people aged 65–85 with cognitive impairment in the Netherlands', *Ageing and Society*, vol. 40, no. 1, pp. 43-72.  
<https://doi.org/10.1017/S0144686X18000752>
2. Aardoom, JJ, Loheide-Niesmann, L, Ossebaard, HC & Riper, H 2020, 'Effectiveness of ehealth interventions in improving treatment adherence for adults with obstructive sleep apnea: Meta-analytic review', *Journal of Medical Internet Research*, vol. 22, no. 2, e16972.  
<https://doi.org/10.2196/16972>
3. HRIC 2020, 'Towards a European health research and innovation cloud (HRIC)', *Genome Medicine*, vol. 12, no. 1, 18.  
<https://doi.org/10.1186/s13073-020-0713-z>
4. Aberg, KA, Dean, B, Shabalin, AA, Chan, RF, Han, LKM, Zhao, M, van Grootenhuis, G, Xie, LY, Milaneschi, Y, Clark, SL, Turecki, G, Penninx, BWJH & van den Oord, EJCG 2020, 'Methylome-wide association findings for major depressive disorder overlap in blood and brain and replicate in independent brain samples', *Molecular Psychiatry*, vol. 25, no. 6, pp. 1344-1354.  
<https://doi.org/10.1038/s41380-018-0247-6>
5. Ai, H, Opmeer, EM, Marsman, J-BC, Veltman, DJ, van der Wee, NJA, Aleman, A & van Tol, M-J 2020, 'Longitudinal brain changes in MDD during emotional encoding: Effects of presence and persistence of symptomatology', *Psychological Medicine*, vol. 50, no. 8, pp. 1316-1326.  
<https://doi.org/10.1017/S0033291719001259>
6. Al-Tamimi, M, Pigot, GL, Elfering, L, Özer, M, de Haseth, K, van de Grift, TC, Mullender, MG, Bouman, MB & Van der Sluis, WB 2020, 'Genital Gender-Affirming Surgery in Transgender Men in The Netherlands from 1989 to 2018: The Evolution of Surgical Care, Plastic and reconstructive surgery', vol. 145, no. 1, pp. 153e-161e.
7. Ángeles Pérez-Ara, M, Gili, M, Visser, M, Penninx, BWJH, Brouwer, IA, Watkins, E, Owens, M, García-Toro, M, Hegerl, U, Kohls, E, Bot, M & Roca, M 2020, 'Associations of non-alcoholic beverages with major depressive disorder history and depressive symptoms clusters in a sample of overweight adults', *Nutrients*, vol. 12, no. 10, 3202, pp. 1-15.  
<https://doi.org/10.3390/nu12103202>
8. Arias, JA, Williams, C, Raghvani, R, Aghajani, M, Baez, S, Belzung, C, Booij, L, Busatto, G, Chiarella, J, Fu, CHY, Ibanez, A, Liddell, BJ, Lowe, L, Penninx, BWJH, Rosa, P & Kemp, AH 2020, 'The neuroscience of sadness: A multidisciplinary synthesis and collaborative review', *Neuroscience and Biobehavioral Reviews*, vol. 111, pp. 199-228.  
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9. Bakker, A, Riper, H & Olff, M 2020, 'E-health applications in the field of traumatic stress. Editorial', *European Journal of Psychotraumatology*, vol. 11, no. 1, 1762317.  
<https://doi.org/10.1080/20008198.2020.1762317>
10. Becker, D, Bremer, V, Funk, B, Hoogendoorn, M, Rocha, A & Riper, H 2020, 'Evaluation of a temporal causal model for predicting the mood of clients in an online therapy', *Evidence-Based Mental Health*, vol. 23, no. 1, pp. 27-33.  
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11. Bhogal, AA, Broeders, TAA, Morsinkhof, L, Edens, M, Nassirpour, S, Chang, P, Klomp, DWJ, Vinkers, CH & Wijnen, JP 2020, 'Lipid-suppressed and tissue-fraction corrected metabolic distributions in human central brain structures using 2D 1H magnetic resonance spectroscopic imaging at 7 T', *Brain and Behavior*, vol. 10, no. 12, e01852.  
<https://doi.org/10.1002/brb3.1852>
12. Blanken, TF, Borsboom, D, Penninx, BW & Van Someren, EJ 2020, 'Network outcome analysis identifies difficulty initiating sleep as a primary target for prevention of depression: a 6-year prospective study', *Sleep*, vol. 43, no. 5.  
<https://doi.org/10.1093/sleep/zsz288>

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13. ENIGMA OCD Working Group, ENIGMA ADHD working group & ENIGMA ASD working group 2020, 'Subcortical brain volume, regional cortical thickness, and cortical surface area across disorders: Findings from the ENIGMA ADHD, ASD, and OCD working groups', *American Journal of Psychiatry*, vol. 177, no. 9, pp. 834-843.  
<https://doi.org/10.1176/appi.ajp.2020.19030331>
14. Böhmer, MN, Oppewal, A, Bindels, PJE, Tiemeier, H, van Someren, EJW & Festen, DAM 2020, 'Comparison of sleep-wake rhythms in elderly persons with intellectual disabilities and the general population', *Sleep Medicine*, vol. 76, pp. 148-154.  
<https://doi.org/10.1016/j.sleep.2020.10.019>
15. Bokma, WA, Batelaan, NM, Hoogendoorn, AW, Penninx, BWJH & van Balkom, AJLM 2020, 'A clinical staging approach to improving diagnostics in anxiety disorders: Is it the way to go?', *Australian and New Zealand Journal of Psychiatry*, vol. 54, no. 2, pp. 173-184.  
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16. Boks, MP, He, Y, Schubart, CD, Gastel, WV, Elkrief, L, Huguet, G, Eijk, KV, Vinkers, CH, Kahn, RS, Paus, T, Conrod, P, Hol, EM & de Witte, LD 2020, 'Cannabinoids and psychotic symptoms: A potential role for a genetic variant in the P2X purinoceptor 7 (P2RX7) gene', *Brain, Behavior, and Immunity*, vol. 88, pp. 573-581.  
<https://doi.org/10.1016/j.bbi.2020.04.051>
17. Bolinski, F, Boumparis, N, Kleiboer, A, Cuijpers, P, Ebert, DD & Riper, H 2020, 'The effect of e-mental health interventions on academic performance in university and college students: A meta-analysis of randomized controlled trials', *Internet Interventions*, vol. 20, 100321.  
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18. Bonten, TN, Rauwerdink, A, Wyatt, JC, Kasteleyn, MJ, Witkamp, L, Riper, H, van Gemert-Pijnen, LJEWC, Cresswell, K, Sheikh, A, Schijven, MP & Chavannes, NH 2020, 'Online guide for electronic health evaluation approaches: Systematic scoping review and concept mapping study', *Journal of Medical Internet Research*, vol. 22, no. 8, e17774. <https://doi.org/10.2196/17774>
19. Bonten, TN, Rauwerdink, A, Wyatt, JC, Kasteleyn, MJ, Witkamp, L, Riper, H, van Gemert-Pijnen, LJEWC, Cresswell, K, Sheikh, A, Schijven, MP &
- Chavannes, NH 2020, 'Erratum: Online guide for electronic health evaluation approaches: Systematic scoping review and concept mapping study (Journal of Medical Internet Research (2020) 22:8 (e17774) DOI: 10.2196/17774)', *Journal of Medical Internet Research*, vol. 22, no. 8, e23642. <https://doi.org/10.2196/23642>
20. Bosman, RC, van Balkom, AJLM, Rhebergen, D, van Hemert, AM, Schoovers, RA, Penninx, BWJH & Batelaan, NM 2020, 'Predicting the course of anxiety disorders: The role of biological parameters', *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, vol. 101, 109924.  
<https://doi.org/10.1016/j.pnpbp.2020.109924>
21. Bot, M, Milaneschi, Y, Al-Shehri, T, Amin, N, Garmaeva, S, Onderwater, GLJ, Pool, R, Thesing, CS, Vijfhuizen, LS, Vogelzangs, N, Arts, ICW, Demirkan, A, van Duijn, C, van Greevenbroek, M, van der Kallen, CJH, Köhler, S, Ligthart, L, van den Maagdenberg, AMJM, Mook-Kanamori, DO, de Mutsert, R, Tiemeier, H, Schram, MT, Stehouwer, CDA, Terwindt, GM, Willems van Dijk, K, Fu, J, Zhernakova, A, Beekman, M, Slagboom, PE, Boomsma, DI, Penninx, BWJH & BBMRI-NL Metabolomics Consortium 2020, 'Metabolomics Profile in Depression: A Pooled Analysis of 230 Metabolic Markers in 5283 Cases With Depression and 10,145 Controls', *Biological Psychiatry*, vol. 87, no. 5, pp. 409-418.  
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22. Breedvelt, JJF, Warren, FCW, Brouwer, MEB, Karyotaki, E, Kuyken, W, Cuijpers, P, Van Oppen, PV, Gilbody, S & Bockting, CLH 2020, 'Individual participant data (IPD) meta-analysis of psychological relapse prevention interventions versus control for patients in remission from depression: A protocol', *BMJ Open*, vol. 10, no. 2, e034158. <https://doi.org/10.1136/bmjopen-2019-034158>
23. Bresser, T, Foster-Dingley, JC, Wassing, R, Leerssen, J, Ramautar, JR, Stoffers, D, Lakbil-Kamal, O, van den Heuvel, M & van Someren, EJW 2020, 'Consistent altered internal capsule white matter microstructure in insomnia disorder', *Sleep*, vol. 43, no. 8.  
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24. Brouwer, A, Van Raalte, DH, Rutters, F, Elders, PJM, Snoek, FJ, Beekman, ATF & Bremmer, MA 2020, 'Sleep and HbA1c in patients with type 2 diabetes: Which sleep characteristics matter most?', *Diabetes Care*, vol. 43, no. 1, pp. 235-243. <https://doi.org/10.2337/dc19-0550>
25. Brouwer, A, Asare Bediako, I, Paszkiewicz, RL, Kolka, CM, Bergman, RN & Broussard, JL 2020, 'Impact of sleep deprivation and high-fat feeding on insulin sensitivity and beta cell function in dogs', *Diabetologia*, vol. 63, no. 4, pp. 875-884. <https://doi.org/10.1007/s00125-019-05084-5>
26. Bruijniks, SJE, Lemmens, LHJM, Hollon, SD, Peeters, FPML, Cuijpers, P, Arntz, A, DIngemanse, P, Willems, L, Van Oppen, P, Twisk, JWR, Van Den Boogaard, M, Spijker, J, Bosmans, J & Huibers, MJH 2020, 'The effects of once-versus twice-weekly sessions on psychotherapy outcomes in depressed patients', *British Journal of Psychiatry*, vol. 216, no. 4, pp. 222-230. <https://doi.org/10.1192/bj.p.2019.265>
27. Bruijniks, SJE, van Grootenhuis, G, Cuijpers, P, de Kluiver, H, Vinkers, CH, Peeters, F, Penninx, B, Teunissen, CE & Huibers, MJH 2020, 'Working memory moderates the relation between the brain-derived neurotropic factor (BDNF) and psychotherapy outcome for depression', *Journal of Psychiatric Research*, vol. 130, pp. 424-432. <https://doi.org/10.1016/j.jpsychires.2020.07.045>
28. ENIGMA OCD Working Group 2020, 'Structural neuroimaging biomarkers for obsessive-compulsive disorder in the ENIGMA-OCD consortium: medication matters', *Translational psychiatry*, vol. 10, no. 1, 342, pp. 342. <https://doi.org/10.1038/s41398-020-01013-y>
29. Budin-Ljøsne, I, Friedman, BB, Suri, S, Solé-Padullés, C, Düzel, S, Drevon, CA, Baaré, WFC, Mowinckel, AM, Zsoldos, E, Madsen, KS, Carver, RB, Ghisletta, P, Arnesen, MR, Bartrés Faz, D, Brandmaier, AM, Fjell, AM, Kvalbein, A, Henson, RN, Kievit, RA, Nawijn, L, Pochet, R, Schnitzler, A, Walhovd, KB & Zasiekina, L 2020, 'The Global Brain Health Survey: Development of a Multi-Language Survey of Public Views on Brain Health', *Frontiers in Public Health*, vol. 8, 387. <https://doi.org/10.3389/fpubh.2020.00387>
30. ImpleMentAll consortium 2020, 'Tailored implementation of internet-based cognitive behavioural therapy in the multinational context of the ImpleMentAll project: a study protocol for a stepped wedge cluster randomized trial', *Trials*, vol. 21, no. 1, 893, pp. 893. <https://doi.org/10.1186/s13063-020-04686-4>
31. Burgos Ochoa, L, Rijnhart, JJM, Penninx, BW, Wardenaar, KJ, Twisk, JWR & Heymans, MW 2020, 'Performance of methods to conduct mediation analysis with time-to-event outcomes', *Statistica Neerlandica*, vol. 74, no. 1, pp. 72-91. <https://doi.org/10.1111/stan.12191>
32. MDD Working Group of the Psychiatric Genomics Consortium 2020, 'Minimal phenotyping yields genome-wide association signals of low specificity for major depression', *Nature Genetics*, vol. 52, no. 4, pp. 437-447. <https://doi.org/10.1038/s41588-020-0594-5>
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35. Carlier, A & Vinkers, C 2020, 'Glutathion als voorspeller van effectieve antipsychotischebehandeling', *Tijdschrift voor Psychiatrie*, vol. 62, no. 12, pp. 1092.
36. Casey, D, Gallagher, N, Devane, D, Woods, B, Murphy, K, Smyth, S, Newell, J, Murphy, AW, Clarke, C, Foley, T, Timmons, F, Dröes, R-M, O'Halloran, M, Windle, G, Irving Lupton, K, Domegan, C, O'Shea, E, Dolan, P & Doyle, P 2020, 'The feasibility of a Comprehensive Resilience-building psychosocial Intervention (CREST) for people with dementia in the community: protocol for a non-randomised feasibility study', *Pilot and Feasibility Studies*, vol. 6, no. 1, 177. <https://doi.org/10.1186/s40814-020-00701-2>

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37. Chan, RF, Turecki, G, Shabalin, AA, Quintivano, J, Zhao, M, Xie, LY, van Grootenhuis, G, Kaminsky, ZA, Dean, B, Penninx, B, Aberg, KA & van den Oord, EJCG 2020, 'Cell Type-Specific Methylome-wide Association Studies Implicate Neurotrophin and Innate Immune Signaling in Major Depressive Disorder', *Biological Psychiatry*, vol. 87, no. 5, pp. 431-442.  
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38. Christ, C, Schouten, MJE, Blankers, M, van Schaik, DJF, Beekman, ATF, Wisman, MA, Stikkelbroek, YAJ & Dekker, JJM 2020, 'Internet and computer-based cognitive behavioral therapy for anxiety and depression in adolescents and young adults: Systematic review and meta-analysis', *Journal of Medical Internet Research*, vol. 22, no. 9, e17831.  
<https://doi.org/10.2196/17831>
39. Chye, Y, Mackey, S, Gutman, BA, Ching, CRK, Batalla, A, Blaine, S, Brooks, S, Caparelli, EC, Cousijn, J, Dagher, A, Foxe, JJ, Goudriaan, AE, Hester, R, Hutchison, K, Jahanshad, N, Kaag, AM, Korucuoglu, O, Li, C-SR, London, ED, Lorenzetti, V, Luijten, M, Martin-Santos, R, Meda, SA, Momenan, R, Morales, A, Orr, C, Paulus, MP, Pearlson, G, Reneman, L, Schmaal, L, Sinha, R, Solowij, N, Stein, DJ, Stein, EA, Tang, D, Uhlmann, A, van Holst, R, Veltman, DJ, Verdejo-Garcia, A, Wiers, RW, Yücel, M, Thompson, PM, Conrod, P & Garavan, H 2020, 'Subcortical surface morphometry in substance dependence: An ENIGMA addiction working group study', *Addiction Biology*, vol. 25, no. 6, e12830.  
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- Psychiatric Genomics Consortium 2020, 'Genome-wide gene-environment analyses of major depressive disorder and reported lifetime traumatic experiences in UK Biobank', *Molecular Psychiatry*, vol. 25, no. 7, pp. 1430-1446. <https://doi.org/10.1038/s41380-019-0546-6>
42. Cuijpers, P, Noma, H, Karyotaki, E, Vinkers, CH, Cipriani, A & Furukawa, TA 2020, 'A network meta-analysis of the effects of psychotherapies, pharmacotherapies and their combination in the treatment of adult depression', *World Psychiatry*, vol. 19, no. 1, pp. 92-107. <https://doi.org/10.1002/wps.20701>
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46. de Heer, EW, Ten Have, M, van Marwijk, HWJ, Dekker, J, de Graaf, R, Beekman, ATF & van der Feltz-Cornelis, CM 2020, 'Pain as a risk factor for suicidal ideation. A population-based longitudinal cohort study', *General Hospital Psychiatry*, vol. 63, pp. 54-61. <https://doi.org/10.1016/j.genhosppsych.2018.11.005>
47. Dekker, L, Heller, HM, van der Meij, JE, Toor, AEJ & Geeraedts, LMG 2020, 'A mixed psychiatric and somatic care unit for trauma patients: 10 years of experience in an urban level I trauma center in the Netherlands', *European Journal of Trauma and Emergency Surgery*, vol. 46, no. 5, pp. 1159-1165. <https://doi.org/10.1007/s00068-019-01088-3>
48. Dekker, K, Benjamins, JS, Maksimovic, T, Filardi, M, Hofman, WF, Van Straten, A & Van Someren, EJW 2020, 'Combined Internet-Based Cognitive-Behavioral and Chronobiological Intervention for Insomnia: A Randomized Controlled Trial', *Psychotherapy and Psychosomatics*, vol. 89, no. 2, pp. 117-118. <https://doi.org/10.1159/000503570>
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