

## 2019

Heij GJ, Penninx BWHJ, van Velzen LS, van Tol M-J, van der Wee NJA, Veltman DJ et al. White matter architecture in major depression with anxious distress symptoms. *Progress in Neuro-Psychopharmacology & Biological Psychiatry*. 2019 Aug 30;94: 109664. <https://doi.org/10.1016/j.pnpbp.2019.109664>

Ai H, Opmeer EM, Marsman J-BC, Veltman DJ, van der Wee NJA, Aleman A et al. Longitudinal brain changes in MDD during emotional encoding: effects of presence and persistence of symptomatology. *Psychological Medicine*. 2019 Jun 6;1-11. <https://doi.org/10.1017/S0033291719001259>

Xu P, Klaasen NG, Opmeer EM, Pijnenborg GHM, van Tol M-J, Liemburg EJ et al. Intrinsic mesocorticolimbic connectivity is negatively associated with social amotivation in people with schizophrenia. *Schizophrenia Research*. 2019 Jun;208:353-359. <https://doi.org/10.1016/j.schres.2019.01.023>

Larabi D, Marsman J-B, Aleman A, Tijms B, Opmeer E, Pijnenborg MG et al. INDIVIDUAL GRAY MATTER NETWORKS AND INSIGHT IN PSYCHOTIC DISORDERS: Individual gray matter networks and insight in psychotic disorders. *Schizophrenia Bulletin*. 2019 Apr;45:S285.

Zhang L, Ai H, Opmeer EM, Marsman J-BC, van der Meer L, Ruhé HG et al. Distinct temporal brain dynamics in bipolar disorder and schizophrenia during emotion regulation. *Psychological Medicine*. 2019 Feb 18;1-9. <https://doi.org/10.1017/S0033291719000217>

'for the ENIGMA-MDD Consortium'. Brain Aging in Major Depressive Disorder: Results from the ENIGMA Major Depressive Disorder working group. *bioRxiv*. 2019;560623. <https://doi.org/10.1101/560623>

Dinga R, Schmaal L, Penninx BWJH, van Tol MJ, Veltman DJ, van Velzen L et al. Evaluating the evidence for biotypes of depression: Methodological replication and extension of Drysdale et al. (2017). *NeuroImage. Clinical*. 2019;22: 101796. <https://doi.org/10.1016/j.nicl.2019.101796>

'for the ENIGMA-MDD Consortium'. Interactive impact of childhood maltreatment, depression, and age on cortical brain structure: mega-analytic findings from a large multi-site cohort. *Psychological Medicine*. 2019;1-12. <https://doi.org/10.1017/S003329171900093X>

## 2018

Ai H, van Tol M-J, Marsman J-BC, Veltman DJ, Ruhé HG, van der Wee NJA et al. Differential relations of suicidality in depression to brain activation during emotional and executive processing. *Journal of Psychiatric Research*. 2018 Oct;105:78-85. <https://doi.org/10.1016/j.jpsychires.2018.08.018>

Nijmeijer S, Keijzer M, van Tol M-J. Foreign language training in seniors to prevent old-age disorders. 2018. Poster session presented at CoNSALL: Cognitive Neuroscience of Second and Artificial Language Learning, Bangor, United Kingdom.

Servaas MN, Kos C, Gravel N, Renken RJ, Marsman J-BC, van Tol M-J et al. Rigidity in Motor Behavior and Brain Functioning in Patients With Schizophrenia and High Levels of Apathy. *Schizophrenia Bulletin*. 2018 Jul 24. <https://doi.org/10.1093/schbul/sby108>

Xu P, Opmeer EM, van Tol M-J, Goerlich KS, Aleman A. Structure of the alexithymic brain: A parametric coordinate-based meta-analysis. *Neuroscience and Biobehavioral Reviews*. 2018 Apr;87:50-55. <https://doi.org/10.1016/j.neubiorev.2018.01.004>

van Tol M-J, Kos C, Serraas M, Marsman JB, Klaasen N, Tucha O et al. The value of actigraphy for measuring apathy in patients with schizophrenia: Associations with clinical measures and neuroimaging of action initiation. *Schizophrenia Bulletin*. 2018 Apr;44:S177.

## 2017

Wise T, Radua J, Via E, Cardoner N, Abe O, Adams TM et al. Common and distinct patterns of grey-matter volume alteration in major depression and bipolar disorder: evidence from voxel-based meta-analysis. *Molecular Psychiatry*. 2017 Oct;22(10):1455-1463. <https://doi.org/10.1038/mp.2016.72>

Kos C, Klaasen NG, Marsman J-BC, Opmeer EM, Knegtering H, Aleman A et al. Neural basis of self-initiative in relation to apathy in a student sample. *Scientific Reports*. 2017 Jun 12;7. 3264. <https://doi.org/10.1038/s41598-017-03564-5>

van Velzen LS, Wijdeveld M, Black CN, van Tol M-J, van der Wee NJA, Veltman DJ et al. Oxidative stress and brain morphology in individuals with depression, anxiety and healthy controls. *Progress in Neuro-Psychopharmacology & Biological Psychiatry*. 2017 Jun 2;76:140-144. <https://doi.org/10.1016/j.pnpbp.2017.02.017>

Schmaal L, Hibar DP, Saemann PG, Hall GB, Baune BT, Jahanshad N et al. Cortical abnormalities in adults and adolescents with major depression based on brain scans from 20 cohorts worldwide in the ENIGMA Major Depressive Disorder Working Group. *Molecular Psychiatry*. 2017 Jun;22(6):900-909. <https://doi.org/10.1038/mp.2016.60>

Keijzer M, Tol, van MJ. Learning to preserve: Foreign language therapy as a cognitive vaccine to prevent old-age disorders. 2017. Poster session presented at Bi/multilingualism and the declining brain, Reading, United Kingdom.

Frodl T, Janowitz D, Schmaal L, Tozzi L, Dobrowolny H, Stein DJ et al. Childhood adversity impacts on brain subcortical structures relevant to depression. *Journal of Psychiatric Research*. 2017 Mar;86:58-65. <https://doi.org/10.1016/j.jpsychires.2016.11.010>

van Velzen LS, Schmaal L, Milaneschi Y, van Tol M-J, van der Wee NJA, Veltman DJ et al. Immunometabolic dysregulation is associated with reduced cortical thickness of the anterior cingulate cortex. *Brain, Behavior, and Immunity*. 2017 Feb;60:361-368. <https://doi.org/10.1016/j.bbi.2016.10.019>

Hibar DP, Adams HHH, Jahanshad N, Chauhan G, Stein JL, Hofer E et al. Novel genetic loci associated with hippocampal volume. *Nature Communications*. 2017 Jan 18;8. 13624. <https://doi.org/10.1038/ncomms13624>

Bas-Hoogendam JM, van Steenbergen H, Nienke Pannekoek J, Fouche J-P, Lochner C, Hattingh CJ et al. Voxel-based morphometry multi-center mega-analysis of brain structure in social anxiety disorder. *NeuroImage. Clinical.* 2017;16:678-688. <https://doi.org/10.1016/j.nicl.2017.08.001>

## 2016

Adams HHH, Hibar DP, Chouraki V, Stein JL, Nyquist PA, Renteria ME et al. Novel genetic loci underlying human intracranial volume identified through genome-wide association. *Nature neuroscience.* 2016 Dec;19(12):1569-1582. <https://doi.org/10.1038/nn.4398>

Govaarts R, Beeldman E, Kampelmacher MJ, van Tol M-J, van den Berg LH, van der Kooi AJ et al. The frontotemporal syndrome of ALS is associated with poor survival. *Journal of Neurology.* 2016 Dec;263(12):2476-2483. <https://doi.org/10.1007/s00415-016-8290-1>

van Tol M-J, Tendolkar I, van der Wee N, Ruhé E. Neurobiologie van Depressie: van neurotransmitter tot breinnetwerken. In Schene A, Sabbe B, Spinhoven P, Ruhé E, editors, *Handboek Depressieve Stoornissen.* 2nd ed. De Tijdstroom/Elsevier. 2016. Hoofdstuk 11:

van Tol M-J, Tendolkar I, van der Wee N, Ruhe H. Neurobiologie van depressie. In Schene A, Sabbe B, Spinhoven P, Ruhé E, editors, *Handboek depressieve stoornissen.* De Tijdstroom. 2016. p. 205-232

Kos C, van Tol M-J, Marsman J-BC, Knegtering H, Aleman A. Neural correlates of apathy in patients with neurodegenerative disorders, acquired brain injury, and psychiatric disorders. *Neuroscience and Biobehavioral Reviews.* 2016 Oct;69:381-401. <https://doi.org/10.1016/j.neubiorev.2016.08.012>

Schmaal L, Veltman DJ, van Erp TGM, Saemann PG, Frodl T, Jahanshad N et al. Response to: Size matters; but so does what you do with it! *Molecular Psychiatry.* 2016 Jun;21(6):726-728. <https://doi.org/10.1038/mp.2016.9>

Schmaal L, Veltman DJ, van Erp TGM, Saemann PG, Frodl T, Jahanshad N et al. Subcortical brain alterations in major depressive disorder: findings from the ENIGMA Major Depressive Disorder working group. *Molecular Psychiatry.* 2016 Jun;21(6):806-812. <https://doi.org/10.1038/mp.2015.69>

Arnone D, Job D, Selvaraj S, Abe O, Amico F, Cheng Y et al. Computational meta-analysis of statistical parametric maps in major depression. *Human brain mapping.* 2016 Apr;37(4):1393-1404. <https://doi.org/10.1002/hbm.23108>

Krause AL, Borchardt V, Li M, van Tol M-J, Demenescu LR, Strauss B et al. Dismissing Attachment Characteristics Dynamically Modulate Brain Networks Subserving Social Aversion. *Frontiers in Human Neuroscience.* 2016 Mar 9;10:77. <https://doi.org/10.3389/fnhum.2016.00077>

Opmeer EM, Kortekaas R, van Tol M-J, Renken RJ, Demenescu LR, Woudstra S et al. Changes in regional brain activation related to depressive state: A 2-year longitudinal functional MRI study. *Depression and Anxiety.* 2016 Jan;33(1):35-44. <https://doi.org/10.1002/da.22425>

Meurs M, Roest AM, Groenewold NA, Franssen CFM, Westerhuis R, Kloppenburg WD et al. Gray matter volume and white matter lesions in chronic kidney disease: exploring the association with depressive symptoms. General Hospital Psychiatry. 2016;40:18-24. <https://doi.org/10.1016/j.genhosppsych.2016.02.005>

## 2015

Gerritsen L, van Velzen L, Schmaal L, van der Graaf Y, van der Wee N, van Tol M-J et al. Childhood maltreatment modifies the relationship of depression with hippocampal volume. Psychological Medicine. 2015 Dec;45(16):3517-3526. <https://doi.org/10.1017/S0033291715001415>

Pannekoek JN, van der Werff SJA, van Tol MJ, Veltman DJ, Aleman A, Zitman FG et al. Investigating distinct and common abnormalities of resting-state functional connectivity in depression, anxiety, and their comorbid states. European Neuropsychopharmacology. 2015 Nov;25(11):1933-1942. <https://doi.org/10.1016/j.euroneuro.2015.08.002>

Borchardt V, Krause AL, Li M, van Tol M-J, Demenescu LR, Buchheim A et al. Dynamic disconnection of the supplementary motor area after processing of dismissive biographic narratives. Brain and Behavior. 2015 Oct;5(10):00377. <https://doi.org/10.1002/brb3.377>

Ai H, Opmeer EM, Veltman DJ, van der Wee NJA, van Buchem MA, Aleman A et al. Brain Activation During Emotional Memory Processing Associated with Subsequent Course of Depression. Neuropsychopharmacology. 2015 Sep;40(10):2454-2463. <https://doi.org/10.1038/npp.2015.96>

Schmaal L, Marquand AF, Rhebergen D, van Tol M-J, Ruhe HG, van der Wee NJA et al. Predicting the Naturalistic Course of Major Depressive Disorder Using Clinical and Multimodal Neuroimaging Information: A Multivariate Pattern Recognition Study. Biological Psychiatry. 2015 Aug 15;78(4):278-286. <https://doi.org/10.1016/j.biopsych.2014.11.018>

Hibar DP, Stein JL, Renteria ME, Arias-Vasquez A, Desrivieres S, Jahanshad N et al. Common genetic variants influence human subcortical brain structures. Nature. 2015 Apr 9;520(7546):224-U216. <https://doi.org/10.1038/nature14101>

Bouvy P, van Tol M-J, Hoogendoijk W. Depressie. In Beeldvorming van het brein: Imaging voor psychieters en psychologen. De Tijdstroom. 2015. p. 295-306

Raaphorst J, van Tol MJ, de Visser M, van der Kooi AJ, Majoe CB, van den Berg LH et al. Prose memory impairment in amyotrophic lateral sclerosis patients is related to hippocampus volume. European Journal of Neurology. 2015 Mar;22(3):547-554. <https://doi.org/10.1111/ene.12615>

Opmeer EM, van Tol M-J, Kortekaas R, van der Wee NJA, Woudstra S, van Buchem MA et al. DISC1 gene and affective psychopathology: A combined structural and functional MRI study. Journal of Psychiatric Research. 2015 Feb;61:150-157. <https://doi.org/10.1016/j.jpsychires.2014.11.014>

Klumpers UMH, Veltman DJ, van Tol M-J, Kloet RW, Boellaard R, Lammertsma AA et al. Neurophysiological Effects of Sleep Deprivation in Healthy Adults, a Pilot Study. PLoS ONE. 2015 Jan 21;10(1). e0116906. <https://doi.org/10.1371/journal.pone.0116906>

Meurs M, Groenewold NA, Roest AM, van der Wee NJA, Veltman DJ, van Tol M-J et al. The associations of depression and hypertension with brain volumes: Independent or interactive? *NeuroImage. Clinical.* 2015;8:79-86.  
<https://doi.org/10.1016/j.nicl.2015.03.020>

## 2014

Li M, Metzger CD, Li W, Safron A, van Tol M-J, Lord A et al. Dissociation of glutamate and cortical thickness is restricted to regions subserving trait but not state markers in major depressive disorder. *Journal of Affective Disorders.* 2014 Dec 1;169:91-100. <https://doi.org/10.1016/j.jad.2014.08.001>

van Harmelen A-L, van Tol M-J, Dalgleish T, van der Wee NJA, Veltman DJ, Aleman A et al. Hypoactive medial prefrontal cortex functioning in adults reporting childhood emotional maltreatment. *Social Cognitive and Affective Neuroscience.* 2014 Dec;9(12):2026-2033. <https://doi.org/10.1093/scan/nsu008>

Raaphorst J, van Tol MJ, de Groot PFC, Altena E, van der Werf YD, Majoe CB et al. Prefrontal involvement related to cognitive impairment in progressive muscular atrophy. *Neuromuscular disorders.* 2014 Oct;24(9-10):909-909.  
<https://doi.org/10.1016/j.nmd.2014.06.380>

Raaphorst J, van Tol M-J, Groot PFC, Altena E, van der Werf YD, Majoe CB et al. Prefrontal involvement related to cognitive impairment in progressive muscular atrophy. *Neurology.* 2014 Aug 26;83(9):818-825.  
<https://doi.org/10.1212/WNL.0000000000000745>

van Tol M-J, Li M, Metzger CD, Hailla N, Horn DI, Li W et al. Local cortical thinning links to resting-state connectivity in major depressive disorder. *Psychological Medicine.* 2014 Jul;44(10):2053-2065.  
<https://doi.org/10.1017/S0033291713002742>

Aghajani M, Veer IM, van Tol M-J, Aleman A, van Buchem MA, Veltman DJ et al. Neuroticism and extraversion are associated with amygdala resting-state functional connectivity. *Cognitive affective & behavioral neuroscience.* 2014 Jun;14(2):836-848. <https://doi.org/10.3758/s13415-013-0224-0>

Thompson PM, Stein JL, Medland SE, Hibar DP, Vasquez AA, Renteria ME et al. The ENIGMA Consortium: large-scale collaborative analyses of neuroimaging and genetic data. *Brain Imaging and Behavior.* 2014 Jun;8(2):153-182.  
<https://doi.org/10.1007/s11682-013-9269-5>

van der Velde J, van Tol M-J, Goerlich-Dobre KS, Gromann PM, Swart M, de Haan L et al. Dissociable morphometric profiles of the affective and cognitive dimensions of alexithymia. *Cortex.* 2014 May;54:190-199.  
<https://doi.org/10.1016/j.cortex.2014.02.017>

Opmeer EM, Kortekaas R, van Tol M-J, van der Wee NJA, Woudstra S, van Buchem MA et al. Interaction of neuropeptide Y genotype and childhood emotional maltreatment on brain activity during emotional processing. *Social Cognitive and Affective Neuroscience.* 2014 May;9(5):601-609. <https://doi.org/10.1093/scan/nst025>

Li W, van Tol M-J, Li M, Miao W, Jiao Y, Heinze H-J et al. Regional Specificity of Sex Effects on Subcortical Volumes Across the Lifespan in Healthy Aging. *Human brain mapping*. 2014 Jan;35(1):238-247.  
<https://doi.org/10.1002/hbm.22168>

van Tol M-J, van der Meer L, Bruggeman R, Modinos G, Knegtering H, Aleman A. Voxel-based gray and white matter morphometry correlates of hallucinations in schizophrenia: The superior temporal gyrus does not stand alone. *NeuroImage Clinical*. 2014;4:249-257. <https://doi.org/10.1016/j.nicl.2013.12.008>

## 2013

Sjoerds Z, Van Tol M-J, van den Brink W, Van der Wee NJA, Van Buchem MA, Aleman A et al. Family history of alcohol dependence and gray matter abnormalities in non-alcoholic adults. *World journal of biological psychiatry*. 2013 Dec;14(8):565-573. <https://doi.org/10.3109/15622975.2011.640942>

van der Meer L, de Vos AE, Stiekema APM, Pijnenborg GHM, van Tol M-J, Nolen WA et al. Insight in Schizophrenia: Involvement of Self-Reflection Networks? *Schizophrenia Bulletin*. 2013 Nov;39(6):1352-1362.  
<https://doi.org/10.1093/schbul/sbs122>

van der Werff SJA, Pannekoek JN, Veer IM, van Tol M-J, Aleman A, Veltman DJ et al. Resilience to childhood maltreatment is associated with increased resting-state functional connectivity of the salience network with the lingual gyrus. *Child Abuse & Neglect*. 2013 Nov;37(11):1021-1029. <https://doi.org/10.1016/j.chabu.2013.07.008>

Opmeer EM, Kortekaas R, van Tol M-J, van der Wee NJA, Woudstra S, van Buchem MA et al. Influence of COMT val158met Genotype on the Depressed Brain during Emotional Processing and Working Memory. *PLoS ONE*. 2013 Sep 12;8(9). e73290. <https://doi.org/10.1371/journal.pone.0073290>

van der Werff SJA, Pannekoek JN, Veer IM, van Tol M-J, Aleman A, Veltman DJ et al. Resting-state functional connectivity in adults with childhood emotional maltreatment. *Psychological Medicine*. 2013 Sep;43(9):1825-1836. <https://doi.org/10.1017/S0033291712002942>

Demenescu LR, Kortekaas R, Cremers HR, Renken RJ, van Tol MJ, van der Wee MJA et al. Amygdala activation and its functional connectivity during perception of emotional faces in social phobia and panic disorder. *Journal of Psychiatric Research*. 2013 Aug;47(8):1024-1031. <https://doi.org/10.1016/j.jpsychires.2013.03.020>

Dou W, Palomero-Gallagher N, van Tol M-J, Kaufmann J, Zhong K, Bernstein H-G et al. Systematic Regional Variations of GABA, Glutamine, and Glutamate Concentrations Follow Receptor Fingerprints of Human Cingulate Cortex. *The Journal of Neuroscience*. 2013 Jul 31;33(31):12698-+. <https://doi.org/10.1523/JNEUROSCI.1758-13.2013>

Sjoerds Z, van Tol MJ, van den Brink W, van der Wee NJA, Aleman A, Beekman ATF et al. Family history of alcohol dependence modulates functional neurophysiology in mood/anxiety disorders. *Psychological Medicine*. 2013 Jul;43(7):1487-1497. <https://doi.org/10.1017/S003329171200222X>

Woudstra S, van Tol M-J, Bochdanovits Z, van der Wee NJ, Zitman FG, van Buchem MA et al. Modulatory Effects of the Piccolo Genotype on Emotional Memory in Health and Depression. PLoS ONE. 2013 Apr 19;8(4). e61494. <https://doi.org/10.1371/journal.pone.0061494>

van Harmelen A-L, van Tol M-J, Demenescu LR, van der Wee NJA, Veltman DJ, Aleman A et al. Enhanced amygdala reactivity to emotional faces in adults reporting childhood emotional maltreatment. Social Cognitive and Affective Neuroscience. 2013 Apr;8(4):362-369. <https://doi.org/10.1093/scan/nss007>

Modinos G, Costafreda SG, van Tol M-J, McGuire PK, Aleman A, Allen P. Neuroanatomy of auditory verbal hallucinations in schizophrenia: A quantitative meta-analysis of voxel-based morphometry studies. Cortex. 2013 Apr;49(4):1046-1055. <https://doi.org/10.1016/j.cortex.2012.01.009>

Pannekoek JN, Veer IM, van Tol M-J, van der Werff SJA, Demenescu LR, Aleman A et al. Resting-state functional connectivity abnormalities in limbic and salience networks in social anxiety disorder without comorbidity. European Neuropsychopharmacology. 2013 Mar;23(3):186-195. <https://doi.org/10.1016/j.euroneuro.2012.04.018>

Pannekoek JN, Veer IM, van Tol M-J, van der Werff SJA, Demenescu LR, Aleman A et al. Aberrant limbic and salience network resting-state functional connectivity in panic disorder without comorbidity. Journal of Affective Disorders. 2013 Feb 15;145(1):29-35. <https://doi.org/10.1016/j.jad.2012.07.006>

van Tol M-J, Veer IM, van der Wee NJA, Aleman A, van Buchem MA, Rombouts SARB et al. Whole-brain functional connectivity during emotional word classification in medication-free Major Depressive Disorder: Abnormal salience circuitry and relations to positive emotionality. NeuroImage. Clinical. 2013;2:790-796. <https://doi.org/10.1016/j.nicl.2013.05.012>

## 2012

Stein JL, Medland SE, Vasquez AA, Hibar DP, Senstad RE, Winkler AM et al. Identification of common variants associated with human hippocampal and intracranial volumes. Nature Genetics. 2012 May;44(5):552-. <https://doi.org/10.1038/ng.2250>

Woudstra S, Bochdanovits Z, van Tol M-J, Veltman DJ, Zitman FG, van Buchem MA et al. Piccolo genotype modulates neural correlates of emotion processing but not executive functioning. Translational Psychiatry. 2012 Apr 3;2. e99. <https://doi.org/10.1038/tp.2012.29>

van Tol M-J, Demenescu LR, van der Wee NJA, Kortekaas R, Nielen MMA, Den Boer JA et al. Functional Magnetic Resonance Imaging Correlates of Emotional Word Encoding and Recognition in Depression and Anxiety Disorders. Biological Psychiatry. 2012 Apr 1;71(7):593-602. <https://doi.org/10.1016/j.biopsych.2011.11.016>

Molendijk ML, van Tol M-J, Penninx BWJH, van der Wee NJA, Aleman A, Veltman DJ et al. BDNF val(66)met affects hippocampal volume and emotion-related hippocampal memory activity. Translational Psychiatry. 2012 Jan 31;2. e74. <https://doi.org/10.1038/tp.2011.72>

## **2011**

Cremers H, van Tol M-J, Roelofs K, Aleman A, Zitman FG, van Buchem MA et al. Extraversion Is Linked to Volume of the Orbitofrontal Cortex and Amygdala. *PLoS ONE*. 2011 Dec;9(12):e28421.  
<https://doi.org/10.1371/journal.pone.0028421>

Demenescu LR, Renken R, Kortekaas R, van Tol M-J, Marsman JBC, van Buchem MA et al. Neural correlates of perception of emotional facial expressions in out-patients with mild-to-moderate depression and anxiety. A multicenter fMRI study. *Psychological Medicine*. 2011 Nov;41(11):2253-2264. <https://doi.org/10.1017/s0033291711000596>

van Tol MJ, van der Wee NJA, Demenescu LR, Nielen MMA, Aleman A, Renken R et al. Functional MRI correlates of visuospatial planning in out-patient depression and anxiety. *Acta Psychiatrica Scandinavica*. 2011 Oct;124(4):273-284.  
<https://doi.org/10.1111/j.1600-0447.2011.01702.x>

van der Wee N, Pannekoek N, Veer I, van Tol MJ, Demenescu L, Aleman A et al. Aberrant resting-state functional connectivity in panic disorder patients. *European Neuropsychopharmacology*. 2011 Sep;21:S535-S536.

van der Wee N, Pannekoek N, Veer I, van Tol MJ, Demenescu L, Aleman A et al. Resting-state fMRI in social phobia patients. *European Neuropsychopharmacology*. 2011 Sep;21:S536-S536.

van Tol M-J. Mood Related Insights: Functional and structural MRI studies in depression and anxiety disorders. [Leiden]: Leiden University Press, 2011. 216 p.

## **2010**

van Harmelen A-L, van Tol M-J, van der Wee NJA, Veltman DJ, Aleman A, Spinhoven P et al. Reduced Medial Prefrontal Cortex Volume in Adults Reporting Childhood Emotional Maltreatment. *Biological Psychiatry*. 2010 Nov 1;68(9):832-838. <https://doi.org/10.1016/j.biopsych.2010.06.011>

van Tol M-J, van der Wee NJA, van den Heuvel OA, Nielen MMA, Demenescu LR, Aleman A et al. Regional Brain Volume in Depression and Anxiety Disorders. *Archives of General Psychiatry*. 2010 Oct;67(10):1002-1011.  
<https://doi.org/10.1001/archgenpsychiatry.2010.121>

Cremers HR, Demenescu LR, Aleman A, Renken R, van Tol M-J, van der Wee NJA et al. Neuroticism modulates amygdala-prefrontal connectivity in response to negative emotional facial expressions. *Neuroimage*. 2010 Jan 1;49(1):963-970. <https://doi.org/10.1016/j.neuroimage.2009.08.023>

## **2009**

van der Wee N, Boersma C, van Buchem M, Milles J, van Tol MJ, Aleman A et al. Magnetisation imaging in major depressive disorder. *European Neuropsychopharmacology*. 2009 Sep;19:S393-S394.

van der Wee N, van Tol MJ, Melby L, Nielen M, Aleman A, Demenescu L et al. Valence-specific frontal hypoactivation during word recognition in major depressive disorder. *European Neuropsychopharmacology*. 2009 Sep;19:S394-S394.

Veer I, van der Wee N, Beckmann C, Baerends E, van Tol M, Ferrarini L et al. Whole brain resting-state analysis reveals decreased connectivity in major depressive disorder. European Neuropsychopharmacology. 2009 Sep;19:S399-S400.

Ferrarini L, Veer IM, Baerends E, van Tol M-J, Renken RJ, van der Wee NJA et al. Hierarchical Functional Modularity in the Resting-State Human Brain. Human brain mapping. 2009 Jul;30(7):2220-2231. <https://doi.org/10.1002/hbm.20663>

## 2008

van Tol MJ, van der Wee NJ, Nielen MM, Aleman A, Demenescu D, Veltman DJ. Compensatory prefrontal activation during planning in major depressive disorder; An event related fMRI study. Journal of Affective Disorders. 2008 Mar;107:S79-S79.

van Tol MJ, Mansveld M, van der Wee NJ, Nielen MM, Aleman A, Veltman DJ. Event related fMRI of successfully implicitly encoded negative and neutral words in major depressive disorder. Preliminary results from the NESDA neuroimaging-study. Journal of Affective Disorders. 2008 Mar;107:S80-S80.

Demenescu LR, Renken R, van Tol MJ, Veltman DJ, den Boer JA, Aleman A. Neural response to processing of facial expressions of emotions in patients with affective disorders preliminary results from N.E.S.D.A. fMRI study. Journal of Affective Disorders. 2008 Mar;107:S62-S63. <https://doi.org/10.1016/j.jad.2007.12.027>

## 2007

van der Wee N, van Tol MJ, Nielen M, Demenescu R, Renken R, Zitman F et al. Compensatory prefrontal activation during planning in major depressive disorder; an event related fMRI study. European Neuropsychopharmacology. 2007 Oct;17:S294-S294.

## 2006

Scherder EJA, van Tol MJ, Swaab DF. High-frequency cranial electrostimulation (CES) in patients with probable Alzheimer's disease. American Journal of Physical Medicine and Rehabilitation. 2006 Jul;85(7):614-618. <https://doi.org/10.1097/01.phm.0000223221.17301.50>

Scherder E, Knol D, van Tol M-J, van Someren E, Deijen J-B, Swaab D et al. Effects of high-frequency cranial electrostimulation on the rest-activity rhythm and salivary cortisol in Alzheimer's disease - A pilot study. Dementia and Geriatric Cognitive Disorders. 2006;22(4):267-272. <https://doi.org/10.1159/000095108>

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