

Meta-analysis of COMT val158met in panic disorder: Effect size, specificity

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Depression and anxiety in relation to catechol-O-methyltransferase Val158Met genotype in the general population: The Nord-Trøndelag Health Study (HUNT). BMC Psychiatry, 2008, 8, 48.	2.6	33
2	Genetics of anxiety: Would the genome recognize the DSM?. Depression and Anxiety, 2008, 25, 368-377.	4.1	38
3	Association study of candidate variants of COMT with neuroticism, anxiety and depression. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2008, 147B, 1314-1318.	1.7	48
4	What is the genetic relationship between anxiety and depression?. American Journal of Medical Genetics, Part C: Seminars in Medical Genetics, 2008, 148C, 140-146.	1.6	141
5	Catechol-O-Methyltransferase Contributes to Genetic Susceptibility Shared Among Anxiety Spectrum Phenotypes. Biological Psychiatry, 2008, 64, 302-310.	1.3	94
6	Catechol-O-Methyltransferase (COMT): A Gene Contributing to Sex Differences in Brain Function, and to Sexual Dimorphism in the Predisposition to Psychiatric Disorders. Neuropsychopharmacology, 2008, 33, 3037-3045.	5.4	273
7	Panic Disorder: The Psychobiology of External Treat and Introceptive Distress. CNS Spectrums, 2008, 13, 26-30.	1.2	7
8	Anxiety and mood disorder in young males with mitral valve prolapse. Journal of Multidisciplinary Healthcare, 2008, 1, 89.	2.7	11
10	Effects of Catechol-O-Methyltransferase on Normal Variation in the Cognitive Function of Children. American Journal of Psychiatry, 2009, 166, 909-916.	7.2	61
11	Gender-specific COMT Val158Met polymorphism association in Spanish schizophrenic patients. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2010, 153B, 79-85.	1.7	29
12	Linkage and association studies of anxiety disorders. Depression and Anxiety, 2009, 26, 976-983.	4.1	29
13	Genetics of anxiety disorders: the complex road from DSM to DNA. Depression and Anxiety, 2009, 26, 965-975.	4.1	78
14	The Val/Met functional polymorphism in COMT confers susceptibility to bipolar disorder: evidence from an association study and a meta-analysis. Journal of Neural Transmission, 2009, 116, 1193-1200.	2.8	43
15	Asymmetry of prefrontal cortex activities and catechol-O-methyltransferase Val158Met genotype in patients with panic disorder during a verbal fluency task: Near-infrared spectroscopy study. Neuroscience Letters, 2009, 452, 63-67.	2.1	9
17	Sympathetic nervous function and the effect of the catechol-O-methyltransferase Val158Met polymorphism in patients with panic disorder. Journal of Affective Disorders, 2010, 123, 337-340.	4.1	11
18	Effect of gender on processing threat-related stimuli in patients with panic disorder: sex does matter. Depression and Anxiety, 2010, 27, 1034-1043.	4.1	32
19	Modeling complex genetic and environmental influences on comorbid bipolar disorder with tobacco use disorder. BMC Medical Genetics, 2010, 11, 14.	2.1	26
20	The COMT Val158Met polymorphism is associated with symptom relief during exposure-based cognitive-behavioral treatment in panic disorder. BMC Psychiatry, 2010, 10, 99.	2.6	81

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21	Anxiety and depression in children and adults: influence of serotonergic and neurotrophic genes?. Genes, Brain and Behavior, 2010, 9, 808-816.	2.2	36
22	Panic disorder is associated with the serotonin transporter gene (SLC6A4) but not the promoter region (5-HTTLPR). Molecular Psychiatry, 2010, 15, 166-176.	7.9	80
23	Advances in molecular genetics of panic disorder. Molecular Psychiatry, 2010, 15, 681-701.	7.9	96
24	<i>Comt1</i> genotype and expression predicts anxiety and nociceptive sensitivity in inbred strains of mice. Genes, Brain and Behavior, 2010, 9, 933-946.	2.2	34
25	Molecular imaging of other anxiety disorders. , 0, , 295-307.		0
26	Norepinephrine and Serotonin Transporter Genes: Impact on Treatment Response in Depression. Neuropsychobiology, 2010, 62, 121-131.	1.9	63
27	Genetics of panic disorder: focus on association studies and therapeutic perspectives. Expert Review of Neurotherapeutics, 2010, 10, 1273-1284.	2.8	15
28	Importance of the COMT Gene for Sex Differences in Brain Function and Predisposition to Psychiatric Disorders. Current Topics in Behavioral Neurosciences, 2010, 8, 119-140.	1.7	51
29	Panic disorder and serotonergic genes (SLC6A4, HTR1A and HTR2A): Association and interaction with childhood trauma and parenting. Neuroscience Letters, 2010, 485, 11-15.	2.1	34
30	Differential effects of COMT on gait and executive control in aging. Neurobiology of Aging, 2010, 31, 523-531.	3.1	46
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32	Imaging genetics of anxiety disorders. Neurolmage, 2010, 53, 822-831.	4.2	113
33	The Role of Genetics in IBS. Gastroenterology Clinics of North America, 2011, 40, 45-67.	2.2	110
34	The Genetic Basis of Panic Disorder. Journal of Korean Medical Science, 2011, 26, 701.	2.5	21
35	Epistasis between COMT and MTHFR in Maternal-Fetal Dyads Increases Risk for Preeclampsia. PLoS ONE, 2011, 6, e16681.	2.5	49
36	The Relationship between the Val158Met Catechol-o-Methyltransferase (COMT) Polymorphism and Irritable Bowel Syndrome. PLoS ONE, 2011, 6, e18035.	2.5	39
37	Panic disorder is associated with the Val308Ile polymorphism in the hypocretin receptor gene. Psychiatric Genetics, 2011, 21, 85-89.	1.1	41
38	Sex Modulates the Associations Between the COMT Gene and Personality Traits. Neuropsychopharmacology, 2011, 36, 1593-1598.	5.4	54

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40	Hypercapnic ventilatory response of anesthetized female rats subjected to neonatal maternal separation: Insight into the origins of panic attacks?. Respiratory Physiology and Neurobiology, 2011, 175, 288-295.	1.6	34
41	Fetal ERAP2 variation is associated with preeclampsia in African Americans in a case-control study. BMC Medical Genetics, 2011, 12, 64.	2.1	57
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46	Serotonin-2a receptor and catechol-O-methyltransferase polymorphisms in panic disorder. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2012, 36, 5-10.	4.8	12
47	Physiological and behavioural responsivity to stress and anxiogenic stimuli in COMT-deficient mice. Behavioural Brain Research, 2012, 228, 351-358.	2.2	37
48	CHAPTER 9. Neurocircuitry of Anxiety Disorders: Focus on Panic Disorder and Post-traumatic Stress Disorder. RSC Drug Discovery Series, 2012, , 226-257.	0.3	0
49	Catechol-O-methyltransferase gene variation: Impact on amygdala response to aversive stimuli. NeuroImage, 2012, 60, 2222-2229.	4.2	63
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52	Affect-Modulated Startle: Interactive Influence of Catechol-O-Methyltransferase Val158Met Genotype and Childhood Trauma. PLoS ONE, 2012, 7, e39709.	2.5	21
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55	Monoamine oxidase A gene DNA hypomethylation “ a risk factor for panic disorder?. International Journal of Neuropsychopharmacology, 2012, 15, 1217-1228.	2.1	100
56	Catechol“ methyltransferase <i>Val</i>^{<i>158</i>}<i>Met</i></sup> genotype, parenting practices and adolescent alcohol use: testing the differential susceptibility hypothesis. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2012, 53, 351-359.	5.2	36
57	Functional near-infrared spectroscopy for the assessment of speech related tasks. Brain and Language, 2012, 121, 90-109.	1.6	89

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58	Acute anxiolytic effects of quetiapine during virtual reality exposureâ€”A double-blind placebo-controlled trial in patients with specific phobia. <i>European Neuropsychopharmacology</i> , 2013, 23, 1551-1560.	0.7	23
59	The effects of the catechol-O-methyltransferase val158met polymorphism on white matter connectivity in patients with panic disorder. <i>Journal of Affective Disorders</i> , 2013, 147, 64-71.	4.1	18
60	Epigenetic signature of panic disorder: A role of glutamate decarboxylase 1 (GAD1) DNA hypomethylation?. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2013, 46, 189-196.	4.8	62
61	Effect of COMT Val158Met polymorphism on personality traits and educational attainment in a longitudinal population representative study. <i>European Psychiatry</i> , 2013, 28, 492-498.	0.2	18
62	Catecholâ€œOâ€œmethyltransferase gene <i>val</i>158<i>met</i> polymorphism and depressive symptoms during early childhood. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2013, 162, 245-252.	1.7	19
63	Therapygenetics: Using genetic markers to predict response to psychological treatment for mood and anxiety disorders. <i>Biology of Mood & Anxiety Disorders</i> , 2013, 3, 4.	4.7	74
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67	Genetic polymorphism in pathogenesis of irritable bowel syndrome. <i>World Journal of Gastroenterology</i> , 2014, 20, 17693-17698.	3.3	24
68	Catechol-O-methyltransferase val158met genotype determines effect of reboxetine on emotional memory in healthy male volunteers. <i>Journal of Psychiatry and Neuroscience</i> , 2014, 39, E24-E31.	2.4	9
69	Arousal and the attentional network in panic disorder. <i>Human Psychopharmacology</i> , 2014, 29, 599-603.	1.5	18
70	PANIC DISORDER AND AGORAPHOBIA: AN OVERVIEW AND COMMENTARY ON DSM-5 CHANGES. <i>Depression and Anxiety</i> , 2014, 31, 480-486.	4.1	55
71	Association of the catechol-O-methyltransferase val158met polymorphism and anxiety-related traits. <i>Psychiatric Genetics</i> , 2014, 24, 52-69.	1.1	47
72	Gene Ã— gene Ã— gender interaction of BDNF and COMT genotypes associated with panic disorder. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2014, 51, 119-125.	4.8	15
73	Etiology, triggers and neurochemical circuits associated with unexpected, expected, and laboratory-induced panic attacks. <i>Neuroscience and Biobehavioral Reviews</i> , 2014, 46, 429-454.	6.1	48
74	Epistasis between polymorphisms in COMT, ESR1, and GCH1 influences COMT enzyme activity and pain. <i>Pain</i> , 2014, 155, 2390-2399.	4.2	59
76	The COMT gene variant is associated with depression's decreased positive affect symptoms in Chinese adults. <i>PsyCh Journal</i> , 2014, 3, 264-272.	1.1	3

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77	Molecular genetic mechanisms of allelic specific regulation of murine Comt expression. <i>Pain</i> , 2015, 156, 1965-1977.	4.2	8
78	Genetic epidemiology of irritable bowel syndrome. <i>World Journal of Gastroenterology</i> , 2015, 21, 11353.	3.3	43
80	Multilevel impact of the dopamine system on the emotion-potentiated startle reflex. <i>Psychopharmacology</i> , 2015, 232, 1983-1993.	3.1	10
81	Genetics and pharmacogenetics of aminergic transmitter pathways in functional gastrointestinal disorders. <i>Pharmacogenomics</i> , 2015, 16, 523-539.	1.3	13
82	COMT Haplotypes Modulate Associations of Antenatal Maternal Anxiety and Neonatal Cortical Morphology. <i>American Journal of Psychiatry</i> , 2015, 172, 163-172.	7.2	85
83	Direct, indirect and pleiotropic effects of candidate genes on internalizing disorder psychopathology. <i>Psychological Medicine</i> , 2015, 45, 2227-2236.	4.5	20
85	Specific and common genes implicated across major mental disorders: A review of meta-analysis studies. <i>Journal of Psychiatric Research</i> , 2015, 60, 1-13.	3.1	235
86	Serotonin Transporter and COMT Polymorphisms as Independent Predictors of Health-related Quality of Life in Patients with Panic Disorder. <i>Journal of Korean Medical Science</i> , 2016, 31, 757.	2.5	3
87	Disorder-specific genetic factors in obsessive-compulsive disorder: A comprehensive meta-analysis. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2016, 171, 325-332.	1.7	51
88	COMT Val ¹⁵⁸ Met genotype is associated with reward learning: a replication study and meta-analysis. <i>Genes, Brain and Behavior</i> , 2016, 15, 503-513.	2.2	60
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90	Meta-Analysis of the COMT Val158Met Polymorphism in Major Depressive Disorder: Effect of Ethnicity. <i>Journal of Neuroimmune Pharmacology</i> , 2016, 11, 434-445.	4.1	38
91	Association between catechol-O-methyl transferase gene polymorphisms and fibromyalgia in a Korean population: A case-control study. <i>European Journal of Pain</i> , 2016, 20, 1131-1139.	2.8	16
92	Voxelwise eigenvector centrality mapping of the human functional connectome reveals an influence of the catechol-O-methyltransferase val158met polymorphism on the default mode and somatomotor network. <i>Brain Structure and Function</i> , 2016, 221, 2755-2765.	2.3	13
93	The role of the COMT val158met polymorphism in mediating aversive learning in visual cortex. <i>NeuroImage</i> , 2016, 125, 633-642.	4.2	10
94	Sex differences in the locus coeruleus-norepinephrine system and its regulation by stress. <i>Brain Research</i> , 2016, 1641, 177-188.	2.2	168
95	Candidate genes in panic disorder: meta-analyses of 23 common variants in major anxiogenic pathways. <i>Molecular Psychiatry</i> , 2016, 21, 665-679.	7.9	83
96	Common variants of catechol-O-methyltransferase influence patient-controlled analgesia usage and postoperative pain in patients undergoing total hysterectomy. <i>Pharmacogenomics Journal</i> , 2016, 16, 186-192.	2.0	18

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98	Anxiety and Epigenetics. <i>Advances in Experimental Medicine and Biology</i> , 2017, 978, 145-166.	1.6	63
99	Val158Met polymorphism in the COMT gene is associated with hypersomnia and mental health-related quality of life in a Colombian sample. <i>Neuroscience Letters</i> , 2017, 644, 43-47.	2.1	5
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101	The effect of <i><scp>COMT</scp> Val158Met</i> and <i><scp>DRD</scp>2 C957T</i> polymorphisms on executive function and the impact of early life stress. <i>Brain and Behavior</i> , 2017, 7, e00695.	2.2	31
102	Functional neuroanatomy in panic disorder: Status quo of the research. <i>World Journal of Psychiatry</i> , 2017, 7, 12.	2.7	54
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104	Interplay between COMT Val158Met, childhood adversities and sex in predicting panic pathology: Findings from a general population sample. <i>Journal of Affective Disorders</i> , 2018, 234, 290-296.	4.1	15
105	The association between COMT rs4680 and OPRM1 rs1799971 polymorphisms and temperamental traits in combat athletes. <i>Personality and Individual Differences</i> , 2018, 124, 105-110.	2.9	7
106	Haplotypic and Genotypic Association of Catechol-O-Methyltransferase rs4680 and rs4818 Polymorphisms and Treatment Resistance in Schizophrenia. <i>Frontiers in Pharmacology</i> , 2018, 9, 705.	3.5	26
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110	Sex and the noradrenergic system. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2020, 175, 167-176.	1.8	7
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116	Personalized Clinical Approaches to Anxiety Disorders. Advances in Experimental Medicine and Biology, 2020, 1191, 489-521.	1.6	9
117	The Relationship Between Valence, Task Difficulty, and the <i>COMT Val</i> ¹⁵⁸ <i>Met</i> Polymorphism in Disengagement Processes. Journal of Psychophysiology, 2012, 26, 124-131.	0.7	4
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131	Examining how and why polygenic dopamine composite levels moderate adolescentsâ€™ vulnerability to peer victimization. Child and Adolescent Psychiatry and Mental Health, 2022, 16, .	2.5	0
132	Neurochemistry of Childhood Anxiety Disorders. , 2023, , 55-72.		0
134	The Influence of Genetic Polymorphic Variability of the Catechol-O-methyltransferase Gene in a Group of Patients with a Diagnosis of Behavioural Addiction, including Personality Traits. Genes, 2024, 15, 299.	2.4	0