

Quelle est la fiabilité des méta-analyses relatives à la psychologie et à des disciplines apparentées ? Une investigation de la qualité d'un échantillon de méta-analyses publiées sur PsycINFO en 2016

Auteur : Ajamieh, Sara

Promoteur(s) : Tirelli, Ezio; Bruyere, Olivier

Faculté : Faculté de Psychologie, Logopédie et Sciences de l'Éducation

Diplôme : Master en sciences psychologiques, à finalité spécialisée en neuroscience cognitive et comportement

Année académique : 2017-2018

URI/URL : <http://hdl.handle.net/2268.2/5804>

Avertissement à l'attention des usagers :

Tous les documents placés en accès ouvert sur le site le site MatheO sont protégés par le droit d'auteur. Conformément aux principes énoncés par la "Budapest Open Access Initiative"(BOAI, 2002), l'utilisateur du site peut lire, télécharger, copier, transmettre, imprimer, chercher ou faire un lien vers le texte intégral de ces documents, les disséquer pour les indexer, s'en servir de données pour un logiciel, ou s'en servir à toute autre fin légale (ou prévue par la réglementation relative au droit d'auteur). Toute utilisation du document à des fins commerciales est strictement interdite.

Par ailleurs, l'utilisateur s'engage à respecter les droits moraux de l'auteur, principalement le droit à l'intégrité de l'oeuvre et le droit de paternité et ce dans toute utilisation que l'utilisateur entreprend. Ainsi, à titre d'exemple, lorsqu'il reproduira un document par extrait ou dans son intégralité, l'utilisateur citera de manière complète les sources telles que mentionnées ci-dessus. Toute utilisation non explicitement autorisée ci-avant (telle que par exemple, la modification du document ou son résumé) nécessite l'autorisation préalable et expresse des auteurs ou de leurs ayants droit.

Annexes

1) Références des méta-analyses incluses dans les analyses du mémoire	1
2) Références des méta-analyses exclues des analyses du mémoire.....	14
3) Check-lists PRISMA, AMSTAR et AMSTAR 2.....	17

1) Références des méta-analyses incluses dans les analyses du mémoire

Aibibula, W., Cox, J., Hamelin, A.-M., Mamiya, H., Klein, M. B., & Brassard, P. (2016). Food insecurity and low CD4 count among HIV-infected people: a systematic review and meta-analysis. *AIDS Care*, 28(12), 1577–1585. doi:<http://dx.doi.org/10.1080/09540121.2016.1191613>

Al-Karawi, D., & Jubair, L. (2016). Bright light therapy for nonseasonal depression: Meta-analysis of clinical trials. *Journal of Affective Disorders*, 198, 64–71. doi:<http://dx.doi.org/10.1016/j.jad.2016.03.016>

Alkhalidi, G., Hamilton, F. L., Lau, R., Webster, R., Michie, S., & Murray, E. (2016). The effectiveness of prompts to promote engagement with digital interventions: A systematic review. *Journal of Medical Internet Research*, 18(1), e6. doi:10.2196/jmir.4790

Andersen, P., Toner, P., Bland, M., & McMillan, D. (2016). Effectiveness of transdiagnostic cognitive behaviour therapy for anxiety and depression in adults: A systematic review and meta-analysis. *Behavioural and Cognitive Psychotherapy*, 44(6), 673–690. doi:10.1017/S1352465816000229

Aoki, Y., Yamaguchi, S., Ando, S., Sasaki, N., Bernick, P. J., & Akiyama, T. (2016). The experience of electroconvulsive therapy and its impact on associated stigma: A meta-analysis. *International Journal of Social Psychiatry*, 62(8), 708–718. doi:10.1177/0020764016675379

Balwant, P. T. (2016). Transformational instructor-leadership in higher education teaching: A meta-analytic review and research agenda. *Journal of Leadership Studies*, 9(4), 20–42. doi:10.1002/jls.21423

Bamford, J., Chou, S., & Browne, K. D. (2016). A systematic review and meta-analysis of the characteristics of multiple perpetrator sexual offences. *Aggression and Violent Behavior*, 28, 82–94. doi:<http://dx.doi.org/10.1016/j.avb.2016.04.001>

Bartoli, F., Carrà, G., Crocamo, C., Carretta, D., La Tegola, D., Tabacchi, T., ... Clerici, M. (2016). Association between depression and neuropathy in people with type 2 diabetes: A meta-analysis. *International Journal of Geriatric Psychiatry*, 31(8), 829–836. doi:10.1002/gps.4397

Batelaan, N. M., Seldenrijk, A., Bot, M., van Balkom, A. J. L. M., & Penninx, B. W. J. H. (2016). Anxiety and new onset of cardiovascular disease: critical review and meta-analysis. *The British Journal of Psychiatry*, 208(3), 223–231. doi:10.1192/bjp.bp.114.156554

Baumel, A., Pawar, A., Kane, J. M., & Correll, C. U. (2016). Digital parent training for children with disruptive behaviors: Systematic review and meta-analysis of randomized trials. *Journal of Child and Adolescent Psychopharmacology*, 26(8), 740–749. doi:10.1089/cap.2016.0048

- Bedi, A., Alpaslan, C. M., & Green, S. (2016). A meta-analytic review of ethical leadership outcomes and moderators. *Journal of Business Ethics*, 139(3), 517–536. doi:10.1007/s10551-015-2625-1
- Bentley, K. H., Franklin, J. C., Ribeiro, J. D., Kleiman, E. M., Fox, K. R., & Nock, M. K. (2016). Anxiety and its disorders as risk factors for suicidal thoughts and behaviors: A meta-analytic review. *Clinical Psychology Review*, 43, 30–46. doi:http://dx.doi.org/10.1016/j.cpr.2015.11.008
- Berney, S., & Bétrancourt, M. (2016). Does animation enhance learning? A meta-analysis. *Computers and Education*, 101, 150–167. doi:http://dx.doi.org/10.1016/j.compedu.2016.06.005
- Best, K. L., Miller, W. C., Eng, J. J., & Routhier, F. (2016). Systematic review and meta-Aanalysis of peer-led self-management programs for increasing physical activity. *International Journal of Behavioral Medicine*, 23(5), 527–538. doi:10.1007/s12529-016-9540-4
- Bora, E., & Pantelis, C. (2016). Meta-analysis of social cognition in attention-deficit/hyperactivity disorder (ADHD): Comparison with healthy controls and autistic spectrum disorder. *Psychological Medicine*, 46(4), 699–716. doi:10.1017/S0033291715002573
- Bora, E., Velakoulis, D., & Walterfang, M. (2016). Social cognition in Huntington's disease: A meta-analysis. *Behavioural Brain Research*, 297, 131–140. doi:http://dx.doi.org/10.1016/j.bbr.2015.10.001
- Bouma, H. K., Labos, C., Gore, G. C., Wolfson, C., & Keezer, M. R. (2016). The diagnostic accuracy of routine electroencephalography after a first unprovoked seizure. *European Journal of Neurology*, 23(3), 455–463. doi:10.1111/ene.12739
- Bowker, E., & Dorstyn, D. (2014). Hypnotherapy for disability-related pain: A meta-analysis. *Journal of Health Psychology*, 21(4), 526–539. doi:10.1177/1359105314530452
- Braithwaite, R., & Corr, P. J. (2016). Hans Eysenck, education and the experimental approach: A meta-analysis of academic capabilities in university students. *Personality and Individual Differences*, 103, 163–171. doi:http://dx.doi.org/10.1016/j.paid.2016.03.040
- Brown, S. A., García, A. A., Brown, A., Becker, B. J., Conn, V. S., Ramírez, G., ... Cuevas, H. E. (2016). Biobehavioral determinants of glycemic control in type 2 diabetes: A systematic review and meta-analysis. *Patient Education and Counseling*, 99(10), 1558–1567. doi:http://dx.doi.org/10.1016/j.pec.2016.03.020
- Buchberger, B., Huppertz, H., Krabbe, L., Lux, B., Mattivi, J. T., & Siafarikas, A. (2016). Symptoms of depression and anxiety in youth with type 1 diabetes: A systematic review and meta-analysis. *Psychoneuroendocrinology*, 70, 70–84. doi:http://dx.doi.org/10.1016/j.psyneuen.2016.04.019
- Castillo-Manzano, J. I., Castro-Nunõ, M., López-Valpuesta, L., Sanz-Díaz, M. T., & Yñiguez, R. (2016). Measuring the effect of ARS on academic performance: A global meta-analysis. *Computers and Education*, 96, 109–121. doi:http://dx.doi.org/10.1016/j.compedu.2016.02.007
- Chang, L. Y., Wang, M. Y., & Tsai, P. S. (2016). Neighborhood disadvantage and physical aggression in children and adolescents: A systematic review and meta-analysis of multilevel studies. *Aggressive Behavior*, 42(5), 441–454. doi:10.1002/ab.21641
- Chen, M., & Chan, K. L. (2016). Effects of parenting programs on child maltreatment prevention: A meta-analysis. *Trauma, Violence, and Abuse*, 17(1), 88–104. doi:10.1177/1524838014566718
- Cheung, K., & Theule, J. (2016). Parental psychopathology in families of children with ADHD: A meta-analysis. *Journal of Child and Family Studies*, 25(12), 3451–3461. doi:10.1007/s10826-016-0499-1

- Chiu, H. Y., Chang, L. Y., Hsieh, Y. J., & Tsai, P. S. (2016). A meta-analysis of diagnostic accuracy of three screening tools for insomnia. *Journal of Psychosomatic Research*, 87, 85–92. doi:http://dx.doi.org/10.1016/j.jpsychores.2016.06.010
- Clamor, A., Lincoln, T. M., Thayer, J. F., & Koenig, J. (2016). Resting vagal activity in schizophrenia: Meta-analysis of heart rate variability as a potential endophenotype. *British Journal of Psychiatry*, 208(1), 9–16. doi:10.1192/bjp.bp.114.160762
- Clond, M. (2016). Emotional freedom techniques for anxiety a systematic review with meta-analysis. *Journal of Nervous and Mental Disease*, 204(5), 388–395. doi:10.1097/NMD.0000000000000483
- Coluccia, A., Fagiolini, A., Ferretti, F., Pozza, A., Costoloni, G., Bolognesi, S., & Goracci, A. (2016). Adult obsessive-compulsive disorder and quality of life outcomes: A systematic review and meta-analysis. *Asian Journal of Psychiatry*, 22(2016), 41–52. doi:http://dx.doi.org/10.1016/j.ajp.2016.02.001
- Conley, C. S., Durlak, J. A., Shapiro, J. B., Kirsch, A. C., & Zahniser, E. (2016). A meta-analysis of the impact of universal and indicated preventive technology-delivered interventions for higher education students. *Prevention Science*, 17(6), 659–678. doi:10.1007/s11121-016-0662-3
- Cortese, S., Ferrin, M., Brandeis, D., Holtmann, M., Aggensteiner, P., Daley, D., ... Zuddas, A. (2016). Neurofeedback for Attention-Deficit/Hyperactivity Disorder: Meta-analysis of clinical and neuropsychological outcomes from randomized controlled trials. *Journal of the American Academy of Child and Adolescent Psychiatry*, 55(6), 444–455. doi:http://dx.doi.org/10.1016/j.jaac.2016.03.007
- Cortese, S., Moreira-Maia, C. R., St Fleur, D., Morcillo-Peñalver, C., Rohde, L. A., & Faraone, S. V. (2016). Association between ADHD and obesity: A systematic review and meta-analysis. *American Journal of Psychiatry*, 173(1), 34–43. doi: 10.1176/appi.ajp.2015.15020266
- Coteș, C. D., & David, D. (2016). The truth about predictions and emotions: Two meta-analyses of their relationship. *Personality and Individual Differences*, 94, 82–91. doi:http://dx.doi.org/10.1016/j.paid.2015.12.046
- Coxeter, P., Del Mar, C.B., McGregor, L., Beller, E.M., & Hoffmann, T.C. (2016). *Interventions to facilitate shared decision making to address antibiotic use for acute respiratory infections in primary care*. Retrieved from https://www.cochrane.org/CD010907/ARI_interventions-facilitate-shared-decisions-between-primary-care-clinicians-and-patients-about
- Cribb, S. J., Olaithe, M., Di Lorenzo, R., Dunlop, P. D., & Maybery, M. T. (2016). Embedded Figures Test Performance in the Broader Autism Phenotype: A Meta-analysis. *Journal of Autism and Developmental Disorders*, 46(9), 2924–2939. doi:10.1007/s10803-016-2832-3
- Cuijpers, P., Cristea, I. A., Ebert, D. D., Koot, H. M., Auerbach, R. P., Bruffaerts, R., & Kessler, R. C. (2016). Psychological treatment of depression in college students: A metaanalysis. *Depression and Anxiety*, 33(5), 400–414. doi:10.1002/da.22461
- Dauwan, M., Begemann, M. J. H., Heringa, S. M., & Sommer, I. E. (2016). Exercise improves clinical symptoms, quality of life, global functioning, and depression in schizophrenia: A systematic review and meta-analysis. *Schizophrenia Bulletin*, 42(3), 588–599. doi:10.1093/schbul/sbv164
- Davies, H., Wolz, I., Leppanen, J., Fernandez-Aranda, F., Schmidt, U., & Tchanturia, K. (2016). Facial expression to emotional stimuli in non-psychotic disorders: A systematic review and meta-analysis. *Neuroscience and Biobehavioral Reviews*, 64, 252–271. doi:http://dx.doi.org/10.1016/j.neubiorev.2016.02.015

- Dedoncker, J., Brunoni, A. R., Baeken, C., & Vanderhasselt, M. A. (2016). A systematic review and meta-analysis of the effects of Transcranial Direct Current Stimulation (tDCS) over the dorsolateral prefrontal cortex in healthy and neuropsychiatric samples: Influence of stimulation parameters. *Brain Stimulation*, 9(4), 501–517. doi:http://dx.doi.org/10.1016/j.brs.2016.04.006
- Dennis, M. S., Sharp, E., Chovanes, J., Thomas, A., Burns, R. M., Custer, B., & Park, J. (2016). A meta-analysis of empirical research on teaching students with mathematics learning difficulties. *Learning Disabilities Research & Practice*, 31(3), 156–168. doi:10.1111/ldrp.12107
- Diener, M. J., Aarts, F., Gerdes, V. E. A., Brandjes, D. P. M., & Hinnen, C. (2016). The significance of attachment quality for obesity: A meta-analytic review. *Canadian Journal of Behavioural Science*, 48(4), 255–265. doi:http://dx.doi.org/10.1037/cbs0000050
- Doyle, R. A., & Voyer, D. (2016). Stereotype manipulation effects on math and spatial test performance: A meta-analysis. *Learning and Individual Differences*, 47, 103–116. doi:http://dx.doi.org/10.1016/j.lindif.2015.12.018
- Drago, A., Winding, T. N., & Antypa, N. (2016). Videoconferencing in psychiatry, a meta-analysis of assessment and treatment. *European Psychiatry*, 36, 29–37. doi:http://dx.doi.org/10.1016/j.eurpsy.2016.03.007
- Dutra, T. G., Baltar, A., & Monte-Silva, K. K. (2016). Motor cortex excitability in attention-deficit hyperactivity disorder (ADHD): A systematic review and meta-analysis. *Research in Developmental Disabilities*, 56, 1–9. doi:http://dx.doi.org/10.1016/j.ridd.2016.01.022
- Feast, A., Moniz-Cook, E., Stoner, C., Charlesworth, G., & Orrell, M. (2016). A systematic review of the relationship between behavioral and psychological symptoms (BPSD) and caregiver well-being. *International Psychogeriatrics*, 28(11), 1761–1774. doi:10.1017/S1041610216000922
- Finitis, D. J., Pellowski, J. A., Huedo-Medina, T. B., Fox, M. C., & Kalichman, S. C. (2016). Visual analogue scale (VAS) measurement of antiretroviral adherence in people living with HIV (PLWH): A meta-analysis. *Journal of Behavioral Medicine*, 39(6), 1043–1055. doi:10.1007/s10865-016-9770-6
- Fornaro, M., Orsolini, L., Marini, S., De Berardis, D., Perna, G., Valchera, A., ... Stubbs, B. (2016). The prevalence and predictors of bipolar and borderline personality disorders comorbidity: Systematic review and meta-analysis. *Journal of Affective Disorders*, 195, 105–118. doi:http://dx.doi.org/10.1016/j.jad.2016.01.040
- Fusar-Poli, P., Cappucciati, M., Borgwardt, S., Woods, S. W., Addington, J., Nelson, B., ... McGuire, P. K. (2016). Heterogeneity of psychosis risk within individuals at clinical high risk: A meta-analytical stratification. *JAMA Psychiatry*, 73(2), 113–120. doi:10.1001/jamapsychiatry.2015.2324
- Gegenfurtner, A., Könings, K. D., Kosmajac, N., & Gebhardt, M. (2016). Voluntary or mandatory training participation as a moderator in the relationship between goal orientations and transfer of training. *International Journal of Training and Development*, 20(4), 290–301. doi:10.1111/ijtd.12089
- Gerrish, E. (2016). The impact of performance management on performance in public organizations: A meta-analysis. *Public Administration Review*, 76(1), 48–66. doi:10.1111/puar.12433
- Goemans, A., van Geel, M., van Beem, M., & Vedder, P. (2016). Developmental outcomes of foster children: A meta-analytic comparison with children from the general population and children at risk who remained at home. *Child Maltreatment*, 21(3), 198–217. doi:10.1177/1077559516657637

- Goodman, J. H., Watson, G. R., & Stubbs, B. (2016). Anxiety disorders in postpartum women: A systematic review and meta-analysis. *Journal of Affective Disorders*, 203, 292–331. doi:http://dx.doi.org/10.1016/j.jad.2016.05.033
- Gorrese, A. (2016). Peer attachment and youth internalizing problems: A meta-analysis. *Child and Youth Care Forum*, 45(2), 177–204. doi:10.1007/s10566-015-9333-y
- Graziano, P. A., & Garcia, A. (2015). Attention-deficit hyperactivity disorder and children's emotion dysregulation: A meta-analysis. *Clinical Psychology Review*, 46, 106–123. doi:http://dx.doi.org/10.1016/j.cpr.2016.04.011
- Guo, S. (2009). A meta-analysis of the predictors of cyberbullying perpetration and victimization. *Psychology in the Schools*, 53(4), 432–453. doi:10.1002/pits.21914
- Gutermann, J., Schreiber, F., Matulis, S., Schwartzkopff, L., Deppe, J., & Steil, R. (2016). Psychological treatments for symptoms of posttraumatic stress disorder in children, adolescents, and young adults: A meta-analysis. *Clinical Child and Family Psychology Review*, 19(2), 77–93. doi:10.1007/s10567-016-0202-5
- Hallinger, P., Dongyu, L., & Wang, W.-C. (2016). Gender differences in instructional leadership. *Educational Administration Quarterly*, 52(4), 567–601. doi:10.1177/0013161X16638430
- Hallock, H., Collins, D., Lampit, A., Deol, K., Fleming, J., & Valenzuela, M. (2016). Cognitive training for post-acute traumatic brain injury: A systematic review and meta-analysis. *Frontiers in Human Neuroscience*, 10, e537. doi: 10.3389/fnhum.2016.00537
- Harari, M. B., Reaves, A. C., & Viswesvaran, C. (2016). Creative and innovative performance: a meta-analysis of relationships with task, citizenship, and counterproductive job performance dimensions. *European Journal of Work and Organizational Psychology*, 25(4), 495–511. doi:http://dx.doi.org/10.1080/1359432X.2015.1134491
- Hauch, V., Sporer, S. L., Michael, S. W., & Meissner, C. A. (2014). Does training improve the detection of deception? A meta-analysis. *Communication Research*, 43(3), 283–343. doi:10.1177/0093650214534974
- Hazell, C. M., Hayward, M., Cavanagh, K., & Strauss, C. (2016). A systematic review and meta-analysis of low intensity CBT for psychosis. *Clinical Psychology Review*, 45, 183–192. doi:http://dx.doi.org/10.1016/j.cpr.2016.03.004
- Henssler, J., Bschor, T., & Baethge, C. (2016). Combining antidepressants in acute treatment of depression: A meta-analysis of 38 studies including 4511 patients. *Canadian Journal of Psychiatry*, 61(1), 29–43. doi:10.1177/0706743715620411
- Hill, A. T., Fitzgerald, P. B., & Hoy, K. E. (2016). Effects of Anodal Transcranial Direct Current Stimulation on working memory: A systematic review and meta-analysis of findings from healthy and neuropsychiatric populations. *Brain Stimulation*, 9, 197–208. doi:http://dx.doi.org/10.1016/j.brs.2015.10.006
- Hofmann, S. G., Doan, S. N., Sprung, M., Wilson, A., Ebesutani, C., Andrews, L. A., ... Harris, P. L. (2016). Training children's theory-of-mind: A meta-analysis of controlled studies. *Cognition*, 150, 200–212. doi:http://dx.doi.org/10.1016/j.cognition.2016.01.006

- Holdefer, R. N., MacDonald, D. B., Guo, L., & Skinner, S. A. (2016). An evaluation of motor evoked potential surrogate endpoints during intracranial vascular procedures. *Clinical Neurophysiology*, 127(2), 1717–1725. doi:<http://dx.doi.org/10.1016/j.clinph.2015.09.133>
- Huffman, J. C., Boehm, J. K., Beach, S. R., Beale, E. E., Dubois, C. M., & Healy, B. C. (2016). Relationship of optimism and suicidal ideation in three groups of patients at varying levels of suicide risk. *Journal of Psychiatric Research*, 77, 76–84. doi:<http://dx.doi.org/10.1016/j.jpsychires.2016.02.020>
- Huguet, A., Tougas, M. E., Hayden, J., McGrath, P. J., Chambers, C. T., Stinson, J. N., & Wozney, L. (2016). Systematic review of childhood and adolescent risk and prognostic factors for recurrent headaches. *The Journal of Pain*, 17(8), 855–873. doi:<http://dx.doi.org/10.1016/j.jpain.2016.03.010>
- Hurl, K., Wightman, J., Haynes, S. N., & Virues-Ortega, J. (2016). Does a pre-intervention functional assessment increase intervention effectiveness? A meta-analysis of within-subject interrupted time-series studies. *Clinical Psychology Review*, 47, 71–84. doi:<http://dx.doi.org/10.1016/j.cpr.2016.05.003>
- Ishiguro, H., Kodama, S., Horikawa, C., Fujihara, K., Hirose, A. S., Hirasawa, R., ... Sone, H. (2016). In search of the ideal resistance training program to improve glycemic control and its indication for patients with type 2 diabetes mellitus: A systematic review and meta-Analysis. *Sports Medicine*, 46(1), 67–77. doi:10.1007/s40279-015-0379-7
- Jeynes, W. H. (2016). A meta-analysis: The relationship between parental involvement and African American school outcomes. *Journal of Black Studies*, 47(3), 195–216. doi:10.1177/0021934715623522
- Johns, G., & Al Hajj, R. (2016). Frequency versus time lost measures of absenteeism: Is the voluntariness distinction an urban legend? *Journal of Organizational Behavior*, 37(3), 456–479. doi:10.1002/job.2055
- Johnson, B. P., Lum, J. A. G., Rinehart, N. J., & Fielding, J. (2016). Ocular motor disturbances in autism spectrum disorders: Systematic review and comprehensive meta-analysis. *Neuroscience and Biobehavioral Reviews*, 69, 260–279. doi:<http://dx.doi.org/10.1016/j.neubiorev.2016.08.007>
- Jones, R. J., Woods, S. A., & Guillaume, Y. R. F. (2016). The effectiveness of workplace coaching: A meta-analysis of learning and performance outcomes from coaching. *Journal of Occupational and Organizational Psychology*, 89(2), 249–277. doi:10.1111/joop.12119
- Kazantzis, N., Whittington, C., Zelencich, L., Kyrios, M., Norton, P. J., & Hofmann, S. G. (2016). Quantity and quality of homework compliance: A meta-Analysis of relations with outcome in cognitive behavior therapy. *Behavior Therapy*, 47(5), 755–772. doi:<https://doi.org/10.1016/j.beth.2016.05.002>
- Khalifeh, H., Oram, S., Osborn, D., Howard, L. M., & Johnson, S. (2016). Recent physical and sexual violence against adults with severe mental illness: a systematic review and meta-analysis. *International Review of Psychiatry*, 28(5), 433–451. doi:<http://dx.doi.org/10.1080/09540261.2016.1223608>
- Kivity, Y., & Huppert, J. D. (2016). Emotional reactions to facial expressions in social anxiety: A meta-analysis of self-reports. *Emotion Review*, 8(4), 367–375. doi:10.1177/1754073915594436
- Knežević, G., Lazarević, L. B., Bosnjak, M., Purić, D., Petrović, B., Teovanović, P., ... Bodroža, B. (2016). Towards a personality model encompassing a Disintegration factor separate from the Big Five traits: A meta-analysis of the empirical evidence. *Personality and Individual Differences*, 95, 214–222. doi:<http://dx.doi.org/10.1016/j.paid.2016.02.044>
- Kok, L., Van Der Waa, A., Klip, H., & Staal, W. (2016). The effectiveness of psychosocial interventions for children with a psychiatric disorder and mild intellectual disability to borderline intellectual

functioning: A systematic literature review and meta-analysis. *Clinical Child Psychology and Psychiatry*, 21(1), 156–171. doi:10.1177/1359104514567579

Kraan, T., Velthorst, E., Koenders, L., Zwaart, K., Ising, H. K., Van Den Berg, D., ... Van Der Gaag, M. (2016). Cannabis use and transition to psychosis in individuals at ultra-high risk: Review and meta-analysis. *Psychological Medicine*, 46(4), 673–681. doi:10.1017/S0033291715002329

Kruizinga, R., Hartog, I. D., Jacobs, M., Daams, J. G., Scherer-Rath, M., Schilderman, J. B. A. M., ... Van Laarhoven, H. W. M. (2016). The effect of spiritual interventions addressing existential themes using a narrative approach on quality of life of cancer patients: a systematic review and meta-analysis. *Psycho-Oncology*, 25(3), 253–265. doi:10.1002/pon.3910

Lazarevic, L. B., Bošnjak, M., Knežević, G., Petrovic, B., Puric, D., Teovanovic, P., ... Bodroža, B. (2016). Disintegration as an additional trait in the psychobiological model of personality: Assessing discriminant validity via meta-analysis. *Zeitschrift Fur Psychologie*, 224(3), 204–215. doi:10.1027/2151-2604/a000254

Lazonder, A. W., & Harmsen, R. (2016). Meta-analysis of inquiry-based learning: effects of guidance. *Review of Educational Research*, 86(3), 681–718. doi:10.3102/0034654315627366

Lazowski, R. A., & Hulleman, C. S. (2016). Motivation interventions in education: A meta-analytic review. *Review of Educational Research*, 86(2), 602–640. doi:10.3102/0034654315617832

Lenz, A. S., Hall, J., & Bailey Smith, L. (2016). Meta-analysis of group mindfulness-based cognitive therapy for decreasing symptoms of acute depression. *Journal for Specialists in Group Work*, 41(1), 44–70. doi:10.1080/01933922.2015.1111488

Li, G., Wang, X., & Ma, D. (2016). The efficacy and safety of 10 mg vortioxetine in the treatment of major depressive disorder: A meta-analysis of randomized controlled trials. *Neuropsychiatric Disease and Treatment*, 12, 523–531. doi:http://dx.doi.org/10.2147/NDT.S103173

Li, J., Theng, Y.-L., & Foo, S. (2016). Effect of exergames on depression: A systematic review and meta-analysis. *Cyberpsychology, Behavior, and Social Networking*, 19(1), 34–42. doi:10.1089/cyber.2015.0366

Li, L., Zhu, S., Tse, N., Tse, S., & Wong, P. (2016). Effectiveness of motivational interviewing to reduce illicit drug use in adolescents: A systematic review and meta-analysis. *Addiction*, 111(5), 795–805. doi:10.1111/add.13285

Li, S. (2016). The construct validity of language aptitude: A meta-analysis. *Studies in Second Language Acquisition*, 38(4), 801–842. doi:http://dx.doi.org/10.1017/S027226311500042X

Lilienfeld, S. O., Smith, S. F., Sauvigné, K. C., Patrick, C. J., Drislane, L. E., Latzman, R. D., & Krueger, R. F. (2015). Is boldness relevant to psychopathic personality? Meta-analytic relations with non-psychopathy checklist-based measures of psychopathy. *Psychological Assessment*, 28(10), 1172–1185. doi:http://dx.doi.org/10.1037/pas0000244

Lindhiem, O., Bennett, C. B., Orimoto, T. E., & Kolko, D. J. (2016). A meta-analysis of personalized treatment goals in psychotherapy: A preliminary report and call for more studies. *Clinical Psychology: Science and Practice*, 23(2), 165–176. doi:10.1111/cpsp.12153

Liu, D., & Baumeister, R. F. (2016a). A meta-analysis of social networking online and social capital. *Journal of Research in Personality*, 64(4), 79–89. doi:http://dx.doi.org/10.1037/gpr0000091

- Liu, D., Ainsworth, S.E., & Baumeister, R. F. (2016). Social networking online and personality of self-worth: A meta-analysis. *Journal of Research in Personality*, 64, 79–89. doi:http://dx.doi.org/10.1037/gpr0000091
- Liu, D., Jiang, K., Shalley, C. E., Keem, S., & Zhou, J. (2016). Motivational mechanisms of employee creativity: A meta-analytic examination and theoretical extension of the creativity literature. *Organizational Behavior and Human Decision Processes*, 137, 236–263. doi:http://dx.doi.org/10.1016/j.obhdp.2016.08.001
- Liu, Q., Peng, W., Zhang, F., Hu, R., Li, Y., & Yan, W. (2016). The effectiveness of blended learning in health professions: Systematic review and meta-Analysis. *Journal of Medical Internet Research*, 18(1), e2. doi:10.2196/jmir.4807
- Liu, R. T., Cheek, S. M., & Nestor, B. A. (2016). Non-suicidal self-injury and life stress: A systematic meta-analysis and theoretical elaboration. *Clinical Psychology Review*, 47, 1–14. doi:http://dx.doi.org/10.1016/j.cpr.2016.05.005
- Ludyga, S., Gerber, M., Brand, S., Holsboer-Trachsler, E., & Pühse, U. (2016). Acute effects of moderate aerobic exercise on specific aspects of executive function in different age and fitness groups: A meta-analysis. *Psychophysiology*, 53(11), 1611–1626. doi:10.1111/psyp.12736
- Maki, A., Burns, R. J., Ha, L., & Rothman, A. J. (2016). Paying people to protect the environment: A meta-analysis of financial incentive interventions to promote proenvironmental behaviors. *Journal of Environmental Psychology*, 47, 242–255. doi:http://dx.doi.org/10.1016/j.jenvp.2016.07.006
- Mannan, M., Mamun, A., Doi, S., & Clavarino, A. (2016). Is there a bi-directional relationship between depression and obesity among adult men and women? Systematic review and bias-adjusted meta analysis. *Asian Journal of Psychiatry*, 21(2016), 51–66. doi:http://dx.doi.org/10.1016/j.ajp.2015.12.008
- Maravilla, J. C., Betts, K. S., Abajobir, A. A., Couto e Cruz, C., & Alati, R. (2016). The Role of Community Health Workers in Preventing Adolescent Repeat Pregnancies and Births. *Journal of Adolescent Health*, 59(4), 378–390. doi:http://dx.doi.org/10.1016/j.jadohealth.2016.05.011
- Marion, S. B., & Thorley, C. (2016). A meta-analytic review of collaborative inhibition and postcollaborative memory: Testing the predictions of the retrieval strategy disruption hypothesis. *Psychological Bulletin*, 142(11), 1141–1164. doi:http://dx.doi.org/10.1037/bul0000071
- Martin, R., Guillaume, Y., Thomas, G., Lee, A., & Epitropaki, O. (2016). Leader–Member Exchange (LMX) and Performance: A Meta-Analytic Review. *Personnel Psychology*, 69(1), 67–121. doi: 10.1111/peps.12100
- Martins, E., Cordovil, R., Oliveira, R., Letras, S., Lourenço, S., Pereira, I., ... Marques, M. (2016). Efficacy of suit therapy on functioning in children and adolescents with cerebral palsy: A systematic review and meta-analysis. *Developmental Medicine and Child Neurology*, 58(4), 348–360. doi:10.1111/dmcn.12988
- Mason, R. A., Davis, H. S., Ayres, K. M., Davis, J. L., & Mason, B. A. (2016). Video self-modeling for individuals with disabilities: A best-evidence, single case meta-analysis. *Journal of Developmental and Physical Disabilities*, 28(4), 623–642. doi:10.1007/s10882-016-9484-2
- Matsunaga, S., Kishi, T., Yasue, I., & Iwata, N. (2016). Cholinesterase inhibitors for Lewy body disorders: A meta-analysis. *International Journal of Neuropsychopharmacology*, 19(2), 1–15. doi:10.1093/ijnp/pyv086

- McAlister, C., Schmitter-Edgecombe, M., & Lamb, R. (2015). Examination of variables that may affect the relationship between cognition and functional status in individuals with mild cognitive impairment: A meta-analysis. *Archives of Clinical Neuropsychology*, 31(2), 123–147. doi:10.1093/arclin/acv089
- McDermott, M. S., Oliver, M., Iverson, D., & Sharma, R. (2016). Effective techniques for changing physical activity and healthy eating intentions and behaviour: A systematic review and meta-analysis. *British Journal of Health Psychology*, 21(4), 827–841. doi:10.1111/bjhp.12199
- McEachan, R., Taylor, N., Harrison, R., Lawton, R., Gardner, P., & Conner, M. (2016). Meta-analysis of the Reasoned Action Approach (RAA) to understanding health behaviors. *Annals of Behavioral Medicine*, 50(4), 592–612. doi:10.1007/s12160-016-9798-4
- Mishra, J. (2016). Rhythmic and melodic sight reading interventions: Two meta-analyses. *Psychology of Music*, 44(5), 1082–1094. doi:10.1177/0305735615610925
- Motter, J. N., Pimontel, M. A., Rindskopf, D., Devanand, D. P., Doraiswamy, P. M., & Sneed, J. R. (2016). Computerized cognitive training and functional recovery in major depressive disorder: A meta-analysis. *Journal of Affective Disorders*, 189, 184–191. doi:http://dx.doi.org/10.1016/j.jad.2015.09.022
- Myles, H., Myles, N., & Large, M. (2016). Cannabis use in first episode psychosis: Meta-analysis of prevalence, and the time course of initiation and continued use. *Australian and New Zealand Journal of Psychiatry*, 50(3), 208–219. doi:10.1177/0004867415599846
- Næss, K. A. B. (2016). Development of phonological awareness in down syndrome: A meta-analysis and empirical study. *Developmental Psychology*, 52(2), 177–190. doi:http://dx.doi.org/10.1037/a0039840
- Newby, J. M., Twomey, C., Yuan Li, S. S., & Andrews, G. (2016). Transdiagnostic computerised cognitive behavioural therapy for depression and anxiety: A systematic review and meta-analysis. *Journal of Affective Disorders*, 199, 30–41. doi:http://dx.doi.org/10.1016/j.jad.2016.03.018
- Ng, T. W. H., Lam, S. S. K., & Feldman, D. C. (2016). Organizational citizenship behavior and counterproductive work behavior: Do males and females differ? *Journal of Vocational Behavior*, 93, 11–32. doi:http://dx.doi.org/10.1016/j.jvb.2015.12.005
- Nikayin, S., Rabiee, A., Hashem, M. D., Huang, M., Bienvenu, O. J., Turnbull, A. E., & Needham, D. M. (2016). Anxiety symptoms in survivors of critical illness: a systematic review and meta-analysis. *General Hospital Psychiatry*, 43, 23–29. doi:http://dx.doi.org/10.1016/j.genhosppsych.2016.08.005
- O'Brien, A. (2016). Comparing the risk of tardive dyskinesia in older adults with first-generation and second-generation antipsychotics: a systematic review and meta-analysis. *International Journal of Geriatric Psychiatry*, 31(7), 683–693. doi:10.1002/gps.4399
- O'Connor, D., Ferguson, E., Green, J., O'Carroll, R., & O'Connor, R. (2016). Cortisol levels and suicidal behavior: A meta-analysis. *Psychoneuroendocrinology*, 63, 370–379. doi:http://dx.doi.org/10.1016/j.psychneuen.2015.10.011
- Ono, M., Devilly, G. J., & Shum, D. H. K. (2016). A Meta-Analytic Review of Overgeneral Memory: The Role of Trauma History, Mood, and the Presence of Posttraumatic Stress Disorder. *Psychological Trauma: Theory, Research, Practice, and Policy*, 8(2), 157–164. doi:http://dx.doi.org/10.1037/tra0000027

- Öst, L. G., Riise, E. N., Wergeland, G. J., Hansen, B., & Kvale, G. (2016). Cognitive behavioral and pharmacological treatments of OCD in children: A systematic review and meta-analysis. *Journal of Anxiety Disorders*, 43, 58–69. doi:http://dx.doi.org/10.1016/j.janxdis.2016.08.003
- Oud, M., Mayo-Wilson, E., Braidwood, R., Schulte, P., Jones, S. H., Morriss, R., ... Kendall, T. (2016). Psychological interventions for adults with bipolar disorder: Systematic review and meta-analysis. *British Journal of Psychiatry*, 208(3), 213–222. doi:10.1192/bjp.bp.114.157123
- Owen, K. B., Parker, P. D., Van Zanden, B., MacMillan, F., Astell-Burt, T., & Lonsdale, C. (2016). Physical activity and school engagement in youth: A systematic review and meta-analysis. *Educational Psychologist*, 51(2), 129–145. doi:10.1080/00461520.2016.1151793
- Panton, K. R., Badcock, D. R., & Badcock, J. C. (2016). A metaanalysis of perceptual organization in schizophrenia, schizotypy, and other high-risk groups based on variants of the embedded figures task. *Frontiers in Psychology*, 7, 1–11. doi:10.3389/fpsyg.2016.00237
- Papasavvas, T., Bonow, R. O., Alhashemi, M., & Micklewright, D. (2016). Depression symptom severity and cardiorespiratory fitness in healthy and depressed adults: A systematic review and meta-analysis. *Sports Medicine*, 46(2), 219–230. doi:10.1007/s40279-015-0409-5
- Parker, R. S., Lewis, G. N., Rice, D. A., & McNair, P. J. (2016). Is motor cortical excitability altered in people with chronic pain? A systematic review and meta-analysis. *Brain Stimulation*, 9(4), 488–500. doi:http://dx.doi.org/10.1016/j.brs.2016.03.020
- Patros, C. H. G., Alderson, R. M., Kasper, L. J., Tarle, S. J., Lea, S. E., & Hudec, K. L. (2016). Choice-impulsivity in children and adolescents with attention-deficit/hyperactivity disorder (ADHD): A meta-analytic review. *Clinical Psychology Review*, 43, 162–174. doi:http://dx.doi.org/10.1016/j.cpr.2015.11.001
- Phillips, W. J., Fletcher, J. M., Marks, A. D. G., & Hine, D. W. (2016). Thinking styles and decision making: A meta-analysis. *Psychological Bulletin*, 142(3), 260–290. doi:http://dx.doi.org/10.1037/bul0000027
- Piras, F., Piras, F., Orfei, M. D., Caltagirone, C., & Spalletta, G. (2016). Self-awareness in Mild Cognitive Impairment: Quantitative evidence from systematic review and meta-analysis. *Neuroscience and Biobehavioral Reviews*, 61, 90–107. doi:http://dx.doi.org/10.1016/j.neubiorev.2015.10.002
- Pocklington, C., Gilbody, S., Manea, L., & McMillan, D. (2016). The diagnostic accuracy of brief versions of the Geriatric Depression Scale: A systematic review and meta-analysis. *International Journal of Geriatric Psychiatry*, 31(8), 837–857. doi:10.1002/gps.4407
- Pouwels, J. L., Souren, P. M., Lansu, T. A. M., & Cillessen, A. H. N. (2016). Stability of peer victimization: A meta-analysis of longitudinal research. *Developmental Review*, 40, 1–24. doi:http://dx.doi.org/10.1016/j.dr.2016.01.001
- Purssell, E., & Collin, J. (2015). Fever phobia: The impact of time and mortality - A systematic review and meta-analysis. *International Journal of Nursing Studies*, 56, 81–89. doi:http://dx.doi.org/10.1016/j.ijnurstu.2015.11.001
- Rebgetz, S., Kavanagh, D. J., & Hides, L. (2016). Changes in cannabis use among psychotic clients without specialised substance use treatment. *Schizophrenia Research*, 175(1–3), 136–141. doi:http://dx.doi.org/10.1016/j.schres.2016.03.030

- Sánchez-Álvarez, N., Extremera, N., & Fernández-Berrocal, P. (2016). The relation between emotional intelligence and subjective well-being: A meta-analytic investigation. *Journal of Positive Psychology, 11*(3), 276–285. doi:<http://dx.doi.org/10.1080/17439760.2015.1058968>
- Sangelaji, B., Smith, C. M., Paul, L., Sampath, K. K., Treharne, G. J., & Hale, L. A. (2015). The effectiveness of behaviour change interventions to increase physical activity participation in people with multiple sclerosis: A systematic review and meta-analysis. *Clinical Rehabilitation, 30*(6), 559–576. doi:[10.1177/02692155155595274](http://dx.doi.org/10.1177/02692155155595274)
- Schoth, D. E., & Liossi, C. (2016). Biased interpretation of ambiguous information in patients with chronic pain: A systematic review and meta-analysis of current studies. *Health Psychology, 35*(9), 944. doi:<http://dx.doi.org/10.1037/hea0000342>
- Schuch, F. B., Vancampfort, D., Richards, J., Rosenbaum, S., Ward, P. B., & Stubbs, B. (2016). Exercise as a treatment for depression: A meta-analysis adjusting for publication bias. *Journal of Psychiatric Research, 77*, 42–51. doi:<http://dx.doi.org/10.1016/j.jpsychires.2016.02.023>
- Schwartz, D., Barkowski, S., Burlingame, G. M., Strauss, B., & Rosendahl, J. (2016). Efficacy of group psychotherapy for obsessive-compulsive disorder: A meta-analysis of randomized controlled trials. *Journal of Obsessive-Compulsive and Related Disorders, 10*, 49–61. doi:<http://dx.doi.org/10.1016/j.jocrd.2016.05.001>
- Scott, J. L., Dawkins, S., Quinn, M. G., Sanderson, K., Elliott, K. E. J., Stirling, C., ... Robinson, A. (2016). Caring for the carer: A systematic review of pure technology-based cognitive behavioral therapy (TB-CBT) interventions for dementia carers. *Aging and Mental Health, 20*(8), 793–803. doi:<http://dx.doi.org/10.1080/13607863.2015.1040724>
- Shin, C. W., Hahn, S., Park, B. J., Kim, J. M., Park, E. O., & Jeon, B. (2016). Predictors of the placebo response in clinical trials on Parkinson's disease: A meta-analysis. *Parkinsonism and Related Disorders, 29*, 83–89. doi:<http://dx.doi.org/10.1016/j.parkreldis.2016.05.019>
- Sim, K., Lau, W. K., Sim, J., Sum, M. Y., & Baldessarini, R. J. (2016). Prevention of relapse and recurrence in adults with major depressive disorder: Systematic review and meta-analyses of controlled trials. *International Journal of Neuropsychopharmacology, 19*(2), 1–13. doi:[10.1093/ijnp/pyv076](http://dx.doi.org/10.1093/ijnp/pyv076)
- Snowling, M. J., & Melby-Lervåg, M. (2016). Oral language deficits in familial dyslexia: A meta-analysis and review. *Psychological Bulletin, 142*(5), 498–545. doi:<http://dx.doi.org/10.1037/bul0000037>
- Spijkerman, M. P. J., Pots, W. T. M., & Bohlmeijer, E. T. (2016). Effectiveness of online mindfulness-based interventions in improving mental health: A review and meta-analysis of randomised controlled trials. *Clinical Psychology Review, 45*, 102–114. doi:<http://dx.doi.org/10.1016/j.cpr.2016.03.009>
- Starfelt Sutton, L. C., & White, K. M. (2016). Predicting sun-protective intentions and behaviours using the theory of planned behaviour: A systematic review and meta-analysis. *Psychology and Health, 31*(11), 1272–1292. doi:<http://dx.doi.org/10.1080/08870446.2016.1204449>
- Stewart, E., Catroppa, C., & Lah, S. (2016). Theory of mind in patients with epilepsy: A systematic review and meta-analysis. *Neuropsychology Review, 26*(1), 3–24. doi:[10.1007/s11065-015-9313-x](http://dx.doi.org/10.1007/s11065-015-9313-x)
- Stovell, D., Morrison, A. P., Panayiotou, M., & Hutton, P. (2016). Shared treatment decision-making and empowerment-related outcomes in psychosis: Systematic review and meta-analysis. *British Journal of Psychiatry, 209*(1), 23–28. doi:[10.1192/bjp.bp.114.158931](http://dx.doi.org/10.1192/bjp.bp.114.158931)

- Sylvestre, A., Bussi res,  .L., & Bouchard, C. (2016). Language problems among abused and neglected children. *Child Maltreatment*, 21(1), 47–58. doi:10.1177/1077559515616703
- Taheri, S. A., & Welsh, B. C. (2016). After-school programs for delinquency prevention. *Youth Violence and Juvenile Justice*, 14(3), 272–290. doi:10.1177/1541204014567542
- Tanford, S. (2016). Antecedents and outcomes of hospitality loyalty: A meta-analysis. *Cornell Hospitality Quarterly*, 57(2), 122–137. doi:10.1177/1938965516640121
- Tanner-Smith, E. E., Lipsey, M. W., & Wilson, D. B. (2016). Juvenile drug court effects on recidivism and drug use: a systematic review and meta-analysis. *Journal of Experimental Criminology*, 12(4), 477–513. doi:10.1007/s11292-016-9274-y
- Tarrahi, F., Eisend, M., & Dost, F. (2016). A meta-analysis of price change fairness perceptions. *International Journal of Research in Marketing*, 33(1), 199–203. doi:http://dx.doi.org/10.1016/j.ijresmar.2015.10.004
- Thompson, T., Correll, C. U., Gallop, K., Vancampfort, D., & Stubbs, B. (2016). Is pain perception altered in people with depression? A systematic review and meta-analysis of experimental pain research. *Journal of Pain*, 17(12), 1257–1272. doi:http://dx.doi.org/10.1016/j.jpain.2016.08.007
- Turton, R., Bruidegom, K., Cardi, V., Hirsch, C. R., & Treasure, J. (2016). Novel methods to help develop healthier eating habits for eating and weight disorders: A systematic review and meta-analysis. *Neuroscience and Biobehavioral Reviews*, 61, 132–155. doi:http://dx.doi.org/10.1016/j.neubiorev.2015.12.008
- Unverzagt, S., Meyer, G., Mittmann, S., Samos, F. A., Unverzagt, M., & Prondzinsky, R. (2016). Improving treatment adherence in heart failure: A systematic review and meta-analysis of pharmacological and lifestyle interventions. *Deutsches Arzteblatt International*, 113(25), 423–430. doi:10.3238/arztebl.2016.0423
- Valdivieso-Mora, E., Peet, C. L., Garnier-Villarreal, M., Salazar-Villanea, M., & Johnson, D. K. (2016). A systematic review of the relationship between familism and mental health outcomes in latino population. *Frontiers in Psychology*, 7, 1–13. doi:10.3389/fpsyg.2016.01632
- van der Ven, E., Veling, W., Tortelli, A., Tarricone, I., Berardi, D., Bourque, F., & Selten, J. P. (2016). Evidence of an excessive gender gap in the risk of psychotic disorder among North African immigrants in Europe: a systematic review and meta-analysis. *Social Psychiatry and Psychiatric Epidemiology*, 51(12), 1603–1613. doi:10.1007/s00127-016-1261-0
- Van Gils, A., Schoevers, R. A., Bonvanie, I. J., Gelauff, J. M., Roest, A. M., & Rosmalen, J. G. M. (2016). Self-help for medically unexplained symptoms: A systematic review and meta-analysis. *Psychosomatic Medicine*, 78(6), 728–739. doi:10.1097/PSY.0000000000000325
- Van Meter, A. R., Burke, C., Youngstrom, E. A., Faedda, G. L., & Correll, C. U. (2016). The bipolar prodrome: Meta-analysis of symptom prevalence prior to initial or recurrent mood episodes. *Journal of the American Academy of Child and Adolescent Psychiatry*, 55(7), 543–555. doi:http://dx.doi.org/10.1016/j.jaac.2016.04.017
- Vanhove, A. J., Herian, M. N., Perez, A. L. U., Harms, P. D., & Lester, P. B. (2016). Can resilience be developed at work? A meta-analytic review of resilience-building programme effectiveness. *Journal of Occupational and Organizational Psychology*, 89(2), 278–307. doi:10.1111/joop.12123

- Vu, N. L., Jouriles, E. N., McDonald, R., & Rosenfield, D. (2016). Children's exposure to intimate partner violence: A meta-analysis of longitudinal associations with child adjustment problems. *Clinical Psychology Review, 46*, 25–33. doi:http://dx.doi.org/10.1016/j.cpr.2016.04.003
- Weicker, J., Villringer, A., & Thöne-Otto, A. (2016). Can impaired working memory functioning be improved by training? A meta-analysis with a special focus on brain injured patients. *Neuropsychology, 30*(2), 190–212. doi:http://dx.doi.org/10.1037/neu0000227
- Werner, C. D., Linting, M., Vermeer, H. J., & Van Ijzendoorn, M. H. (2016). Do intervention programs in child care promote the quality of caregiver-child interactions? A meta-analysis of randomized controlled trials. *Prevention Science, 17*(2), 259–273. doi:10.1007/s11121-015-0602-7
- Weymouth, B. B., Buehler, C., Zhou, N., & Henson, R. A. (2016). A meta-analysis of parent-adolescent conflict: Disagreement, hostility, and youth maladjustment. *Journal of Family Theory and Review, 8*(1), 95–112. doi:10.1111/jftr.12126
- Wilson, L. C., & Miller, K. E. (2015). Meta-analysis of the prevalence of unacknowledged rape. *Trauma, Violence, and Abuse, 17*(2), 149–159. doi:10.1177/1524838015576391
- Wong, J. S., Bouchard, J., Gravel, J., Bouchard, M., & Morselli, C. (2016). Can at-risk youth be diverted from crime? A meta-analysis of restorative diversion programs. *Criminal Justice and Behavior, 43*(10), 1310–1329. doi:10.1177/0093854816640835
- Wood, C., Conner, M., Miles, E., Sandberg, T., Taylor, N., Godin, G., & Sheeran, P. (2016). The impact of asking intention or self-prediction questions on subsequent behavior: A meta-analysis. *Personality and Social Psychology Review, 20*(3), 245–268. doi:10.1177/1088868315592334
- Wu, M. S., McGuire, J. F., Martino, C., Phares, V., Selles, R. R., & Storch, E. A. (2016). A meta-analysis of family accommodation and OCD symptom severity. *Clinical Psychology Review, 45*, 34–44. doi:http://dx.doi.org/10.1016/j.cpr.2016.03.003
- Wu, M., Brockmeyer, T., Hartmann, M., Skunde, M., Herzog, W., & Friederich, H. C. (2016). Reward-related decision making in eating and weight disorders: A systematic review and meta-analysis of the evidence from neuropsychological studies. *Neuroscience and Biobehavioral Reviews, 61*, 177–196. doi:http://dx.doi.org/10.1016/j.neubiorev.2015.11.017
- Xu, W., Tan, L., Wang, H.-F., Tan, M.-S., Tan, L., Li, J.-Q., ... Yu, J.-T. (2016). Education and risk of dementia: Dose-response meta-analysis of prospective cohort studies. *Molecular Neurobiology, 53*(5), 3113–3123. doi:10.1007/s12035-015-9211-5
- Yaholkoski, A., Hurl, K., & Theule, J. (2016). Efficacy of the circle of security intervention: A meta-analysis. *Journal of Infant, Child, and Adolescent Psychotherapy, 15*(2), 95–103. doi:http://dx.doi.org/10.1080/15289168.2016.1163161
- Zhao, F., & Yu, G. (2016). Parental migration and rural left-behind children's mental health in China: A meta-analysis based on mental health test. *Journal of Child and Family Studies, 25*(12), 3462–3472. doi:10.1007/s10826-016-0517-3
- Zheng, W., Li, X. B., Xiang, Y. Q., Zhong, B. L., Chiu, H. F., Ungvari, G. S., ... & Xiang, Y. T. (2016). Aripiprazole for Tourette's syndrome: a systematic review and meta-analysis. *Human Psychopharmacology: Clinical and Experimental, 31*(1), 11-18. doi:10.1002/hup.2498

Zhu, T., Gan, J., Huang, J., Li, Y., Qu, Y., & Mu, D. (2016). Association between perinatal hypoxic-ischemic conditions and attention-deficit/hyperactivity disorder: A meta-analysis. *Journal of Child Neurology*, 31(10), 1235–1244. doi:10.1177/0883073816650039

2) Références des méta-analyses exclues des analyses du mémoire

Adams-Carr, K. L., Bestwick, J. P., Shribman, S., Lees, A., Schrag, A., & Noyce, A. J. (2016). Constipation preceding Parkinson's disease: A systematic review and meta-analysis. *Journal of Neurology, Neurosurgery and Psychiatry*, 87(7), 710–716. doi:10.1136/jnnp-2015-311680

Akinkugbe, A. A., Slade, G. D., Divaris, K., & Poole, C. (2016). Systematic review and meta-analysis of the association between exposure to environmental tobacco smoke and periodontitis endpoints among nonsmokers. *Nicotine & Tobacco Research*, 18(11), 2047–2056. doi:10.1093/ntr/ntw105

Al-Mallah, M. H., Farah, I., Al-Madani, W., Bdeir, B., Al Habib, S., Bigelow, M. L., ... Ferwana, M. (2016). The impact of nurse-led clinics on the mortality and morbidity of patients with cardiovascular diseases: A Systematic review and meta-analysis. *The Journal of Cardiovascular Nursing*, 31(1), 89–95. doi:10.1097/JCN.0000000000000224

Alvares, G. A., Quintana, D. S., Hickie, I. B., & Guastella, A. J. (2016). Autonomic nervous system dysfunction in psychiatric disorders and the impact of psychotropic medications: A systematic review and meta-analysis. *Journal of Psychiatry and Neuroscience*, 41(2), 89–104. doi:10.1503/jpn.140217

Behrouz, R., Topel, C. H., Seifi, A., Birnbaum, L. A., Brey, R. L., Misra, V., & Di Napoli, M. (2016). Risk of intracerebral hemorrhage in HIV/AIDS: a systematic review and meta-analysis. *Journal of NeuroVirology*, 22(5), 634–640. doi:10.1007/s13365-016-0439-2

Black, J. M., Stöhr, E. J., Shave, R., & Esformes, J. I. (2016). Influence of exercise training mode on arterial diameter: A systematic review and meta-analysis. *Journal of Science and Medicine in Sport*, 19(1), 74–80. doi:http://dx.doi.org/10.1016/j.jsams.2014.12.007

Chang, S.-F., & Lin, P.-L. (2016). Systematic literature review and meta-analysis of the association of sarcopenia with mortality. *Worldviews on Evidence-Based Nursing*, 13(2), 153–162. doi:10.1111/wvn.12147

Chung, C. L. H., Thilarajah, S., & Tan, D. (2016). Effectiveness of resistance training on muscle strength and physical function in people with Parkinson's disease: A systematic review and meta-analysis. *Clinical Rehabilitation*, 30(1), 11–23. doi:10.1177/0269215515570381

Conway, A., & Sutherland, J. (2016). Depth of anaesthesia monitoring during procedural sedation and analgesia: A systematic review and meta-analysis. *International Journal of Nursing Studies*, 63, 201–212. doi:http://dx.doi.org/10.1016/j.ijnurstu.2016.05.004

de Silva, V. A., Suraweera, C., Ratnatunga, S. S., Dayabandara, M., Wanniarachchi, N., & Hanwella, R. (2016). Metformin in prevention and treatment of antipsychotic induced weight gain: A systematic review and meta-analysis. *BMC Psychiatry*, 16(1), 1–10. doi:10.1186/s12888-016-1049-5

Evaniew, N., Noonan, V. K., Fallah, N., Kwon, B. K., Rivers, C. S., Ahn, H., ... & Linassi, A. G. (2015). Methylprednisolone for the treatment of patients with acute spinal cord injuries: A propensity score-matched cohort study from a Canadian multi-center spinal cord injury registry. *Journal of neurotrauma*, 32(21), 1674-1683. doi:<http://doi.org/10.1089/neu.2015.3963>

- Gong, C., Wei, D., Wang, Y., Ma, J., Yuan, C., Zhang, W., ... Zhao, Y. (2015). A meta-analysis of C-reactive protein in patients with alzheimer's disease. *American Journal of Alzheimer's Disease and Other Dementias*, 31(3), 194–200. doi:10.1177/1533317515602087
- Hsu, L. F., Liao, Y. M., Lai, F. C., & Tsai, P. S. (2016). Beneficial effects of biofeedback-assisted pelvic floor muscle training in patients with urinary incontinence after radical prostatectomy: A systematic review and meta-analysis. *International Journal of Nursing Studies*, 60, 99–111. doi:http://dx.doi.org/10.1016/j.ijnurstu.2016.03.013
- Khandaker, G., Jung, J., Britton, P. N., King, C., Yin, J. K., & Jones, C. A. (2016). Long-term outcomes of infective encephalitis in children: a systematic review and meta-analysis. *Developmental Medicine and Child Neurology*, 58(11), 1108–1115. doi:10.1111/dmcn.13197
- Koenig, J., & Thayer, J. F. (2016). Sex differences in healthy human heart rate variability: A meta-analysis. *Neuroscience and Biobehavioral Reviews*, 64, 288–310. doi:http://dx.doi.org/10.1016/j.neubiorev.2016.03.007
- Leng, X., Lan, L., Liu, L., Leung, T. W., & Wong, K. S. (2016). Good collateral circulation predicts favorable outcomes in intravenous thrombolysis: a systematic review and meta-analysis. *European Journal of Neurology*, 23(12), 1738–1749. doi:10.1111/ene.13111
- Li, X., Han, Y., Cui, J., Yuan, P., Di, Z., & Li, L. (2016). Efficacy of warm needle moxibustion on lumbar disc herniation: A meta-analysis. *Journal of Evidence-Based Complementary and Alternative Medicine*, 21(4), 311–319. doi:10.1177/2156587215605419
- Li, X., Xu, H., Xiao, X. C., Deng, S. L., Wang, W., & Tang, R. (2016). Prognostic effect of high-flux hemodialysis in patients with chronic kidney disease. *Brazilian Journal of Medical and Biological Research*, 49(1), 1–9. doi:http://dx.doi.org/10.1590/1414-431X20154708
- Liu, C., Wang, H., & Liu, K. (2016). Meta-analysis of the efficacy of proton pump inhibitors for the symptoms of laryngopharyngeal reflux. *Brazilian Journal of Medical and Biological Research*, 49(7), 1–5. doi:http://dx.doi.org/10.1590/1414-431X20165149
- Luedtke, K., Allers, A., Schulte, L. H., & May, A. (2016). Efficacy of interventions used by physiotherapists for patients with headache and migraine- Systematic review and meta-analysis. *Cephalalgia*, 36(5), 474–492. doi:10.1177/0333102415597889
- Lv, Q., Zhang, J., Yi, Y., Huang, Y., Wang, Y., Wang, Y., & Zhang, W. (2016). Proliferating cell nuclear antigen has an association with prognosis and risks factors of cancer patients: A systematic review. *Molecular Neurobiology*, 53(9), 6209–6217. doi:10.1007/s12035-015-9525-3
- Olsson, B., Lautner, R., Andreasson, U., Öhrfelt, A., Portelius, E., Bjerke, M., ... Zetterberg, H. (2016). CSF and blood biomarkers for the diagnosis of Alzheimer's disease: a systematic review and meta-analysis. *The Lancet Neurology*, 15(7), 673–684. doi:http://dx.doi.org/10.1016/S1474-4422(16)00070-3
- Parsaik, A. K., Mascarenhas, S. S., Khosh-Chashm, D., Hashmi, A., John, V., Okusaga, O., & Singh, B. (2016). Mortality associated with anxiolytic and hypnotic drugs—A systematic review and meta-analysis. *Australian & New Zealand Journal of Psychiatry*, 50(6), 520–533. doi:10.1177/0004867415616695
- Rosales, R. L., Efendy, F., Teleg, E. S., Delos Santos, M. M., Rosales, M. C., Ostrea, M., ... Ng, A. R. (2016). Botulinum toxin as early intervention for spasticity after stroke or non-progressive brain lesion: A

meta-analysis. *Journal of the Neurological Sciences*, 371, 6–14. doi:<http://dx.doi.org/10.1016/j.jns.2016.10.005>

Solmi, M., Veronese, N., Correll, C. U., Favaro, A., Santonastaso, P., Caregaro, L., ... Stubbs, B. (2016). Bone mineral density, osteoporosis, and fractures among people with eating disorders: A systematic review and meta-analysis. *Acta Psychiatrica Scandinavica*, 133(5), 341–351. doi:10.1111/acps.12556

Stopsack, K. H., Ziehr, D. R., Rider, J. R., & Giovannucci, E. L. (2016). Metformin and prostate cancer mortality: A meta-analysis. *Cancer Causes & Control*, 27(1), 105–113. doi:10.1007/s10552-015-0687-0

Takekita, Y., Suwa, T., Sunada, N., Kawashima, H., Fabbri, C., Kato, M., ... Serretti, A. (2016). Remifentanyl in electroconvulsive therapy: a systematic review and meta-analysis of randomized controlled trials. *European Archives of Psychiatry and Clinical Neuroscience*, 266(8), 703–717. doi:10.1007/s00406-016-0670-0

Tek, C., Kucukgoncu, S., Guloksuz, S., Woods, S. W., Srihari, V. H., & Annamalai, A. (2016). Antipsychotic-induced weight gain in first-episode psychosis patients: A meta-analysis of differential effects of antipsychotic medications. *Early Intervention in Psychiatry*, 10(3), 193–202. doi:10.1111/eip.12251

Tseng, P. T., Chen, Y. W., Tu, K. Y., Wang, H. Y., Chung, W., Wu, C. K., ... Lin, P. Y. (2016). State-dependent increase in the levels of neurotrophin-3 and neurotrophin-4/5 in patients with bipolar disorder: A meta-analysis. *Journal of Psychiatric Research*, 79, 86–92. doi:<http://dx.doi.org/10.1016/j.jpsychires.2016.05.009>

Van Der Weegen, W., Kornuijt, A., & Das, D. (2016). Do lifestyle restrictions and precautions prevent dislocation after total hip arthroplasty? A systematic review and meta-analysis of the literature. *Clinical Rehabilitation*, 30(4), 329–339. doi:10.1177/0269215515579421

Vancampfort, D., Rosenbaum, S., Ward, P. B., Steel, Z., Lederman, O., Lamwaka, A. V., ... Stubbs, B. (2016). Type 2 diabetes among people with posttraumatic stress disorder: systematic review and meta-analysis. *Psychosomatic Medicine*, 78(4), 465–473. doi:10.1097/PSY.0000000000000297

Wang, F., Wang, Y., Sun, T., & Yu, H. (2016). Hyperbaric oxygen therapy for the treatment of traumatic brain injury: a meta-analysis. *Neurological Sciences*, 37(5), 693–701. doi:10.1007/s10072-015-2460-2

Wang, H., Gao, H., Jiao, T., & Luo, Z. (2016). A meta-analysis of the pedunculopontine nucleus deep-brain stimulation effects on Parkinson's disease. *NeuroReport*, 27(18), 1336–1344. doi:10.1097/WNR.0000000000000697

Wang, X., Zhou, H. B., Sun, J. M., Xing, Y. H., Zhu, Y. L., & Zhao, Y. S. (2016). The prevalence of migraine in university students: A systematic review and meta-analysis. *European Journal of Neurology*, 23(3), 464–475. doi:10.1111/ene.12784

Woldeamanuel, Y. W., Andemeskel, A. T., Kyei, K., Woldeamanuel, M. W., & Woldeamanuel, W. (2016). Case fatality of adult tetanus in Africa: Systematic review and meta-analysis. *Journal of the Neurological Sciences*, 368, 292–299. doi:<http://dx.doi.org/10.1016/j.jns.2016.07.025>

Wu, W., Guan, Y., Zhao, G., Fu, X.-J., Guo, T.-Z., Liu, Y.-T., ... Li, Y.-Q. (2016). Elevated IL-6 and TNF- α levels in cerebrospinal fluid of subarachnoid hemorrhage patients. *Molecular Neurobiology*, 53(5), 3277–3285. doi:10.1007/s12035-015-9268-1

Zhong, W., Geng, N., Wang, P., Li, Z., & Cao, L. (2016). Prevalence, causes and risk factors of hospital readmissions after acute stroke and transient ischemic attack: A systematic review and meta-analysis. *Neurological Sciences*, 37(8), 1195–1202. doi:10.1007/s10072-016-2570-5

3) Check-lists PRISMA, AMSTAR et AMSTAR 2

Section/topic	#	Checklist item	Reported on page #
TITLE			
Title	1	Identify the report as a systematic review, meta-analysis, or both.	
ABSTRACT			
Structured summary	2	Provide a structured summary including, as applicable: background; objectives; data sources; study eligibility criteria, participants, and interventions; study appraisal and synthesis methods; results; limitations; conclusions and implications of key findings; systematic review registration number.	
INTRODUCTION			
Rationale	3	Describe the rationale for the review in the context of what is already known.	
Objectives	4	Provide an explicit statement of questions being addressed with reference to participants, interventions, comparisons, outcomes, and study design (PICOS).	
METHODS			
Protocol and registration	5	Indicate if a review protocol exists, if and where it can be accessed (e.g., Web address), and, if available, provide registration information including registration number.	
Eligibility criteria	6	Specify study characteristics (e.g., PICOS, length of follow-up) and report characteristics (e.g., years considered, language, publication status) used as criteria for eligibility, giving rationale.	
Information sources	7	Describe all information sources (e.g., databases with dates of coverage, contact with study authors to identify additional studies) in the search and date last searched.	
Search	8	Present full electronic search strategy for at least one database, including any limits used, such that it could be repeated.	
Study selection	9	State the process for selecting studies (i.e., screening, eligibility, included in systematic review, and, if applicable, included in the meta-analysis).	
Data collection process	10	Describe method of data extraction from reports (e.g., piloted forms, independently, in duplicate) and any processes for obtaining and confirming data from investigators.	
Data items	11	List and define all variables for which data were sought (e.g., PICOS, funding sources) and any assumptions and simplifications made.	
Risk of bias in individual studies	12	Describe methods used for assessing risk of bias of individual studies (including specification of whether this was done at the study or outcome level), and how this information is to be used in any data synthesis.	
Summary measures	13	State the principal summary measures (e.g., risk ratio, difference in means).	
Synthesis of results	14	Describe the methods of handling data and combining results of studies, if done, including measures of consistency (e.g., I^2) for each meta-analysis.	

Section/topic	#	Checklist item	Reported on page #
Risk of bias across studies	15	Specify any assessment of risk of bias that may affect the cumulative evidence (e.g., publication bias, selective reporting within studies).	
Additional analyses	16	Describe methods of additional analyses (e.g., sensitivity or subgroup analyses, meta-regression), if done, indicating which were pre-specified.	
RESULTS			
Study selection	17	Give numbers of studies screened, assessed for eligibility, and included in the review, with reasons for exclusions at each stage, ideally with a flow diagram.	
Study characteristics	18	For each study, present characteristics for which data were extracted (e.g., study size, PICOS, follow-up period) and provide the citations.	
Risk of bias within studies	19	Present data on risk of bias of each study and, if available, any outcome level assessment (see item 12).	
Results of individual studies	20	For all outcomes considered (benefits or harms), present, for each study: (a) simple summary data for each intervention group (b) effect estimates and confidence intervals, ideally with a forest plot.	
Synthesis of results	21	Present results of each meta-analysis done, including confidence intervals and measures of consistency.	
Risk of bias across studies	22	Present results of any assessment of risk of bias across studies (see Item 15).	
Additional analysis	23	Give results of additional analyses, if done (e.g., sensitivity or subgroup analyses, meta-regression [see Item 16]).	
DISCUSSION			
Summary of evidence	24	Summarize the main findings including the strength of evidence for each main outcome; consider their relevance to key groups (e.g., healthcare providers, users, and policy makers).	
Limitations	25	Discuss limitations at study and outcome level (e.g., risk of bias), and at review-level (e.g., incomplete retrieval of identified research, reporting bias).	
Conclusions	26	Provide a general interpretation of the results in the context of other evidence, and implications for future research.	
FUNDING			
Funding	27	Describe sources of funding for the systematic review and other support (e.g., supply of data); role of funders for the systematic review.	

Grille AMSTAR

1. Was an 'a priori' design provided?

The research question and inclusion criteria should be established before the conduct of the review.

Score yes only if an a priori protocol has been established AND/OR if an ethics approval is declared for this study.

- ☐ Yes
☐ No

2. Was there duplicate study selection and data extraction?

3 conditions :

- 2 people do study selection;
- 2 people do data extraction;
- A consensus process is planned for disagreements.

- ☐ Yes
☐ No

Score yes only if the three conditions are met.

3. Was a comprehensive literature search performed?

4 conditions :

- At least two **bibliographic** electronic databases should be searched (Embase, Cochrane, MEDLINE...);
- Date of coverage OR date of last search should be reported in method;
- Key words AND/OR MESH terms should be stated and where feasible the search strategy should be provided;
- All searches should be supplemented by consulting grey literature AND/OR current contents, reviews, textbooks, specialized registers, or experts in the particular field of study AND/OR by reviewing the references in the studies found.

- ☐ Yes
☐ No

Score yes only if the four conditions are met.

4. Was the grey literature and/or unpublished literature investigated?

The review should indicate that there was a search for "grey literature" or "unpublished literature". SIGLE database, dissertations, conference proceedings, and trial registries are all considered grey for this purpose.

Score yes only if the condition is met.

- ☐ Yes
☐ No

5. Was a list of studies (included and excluded) provided?

A list of included **and** excluded studies at the time of full text selection should be provided.

Score yes only if the condition is met.

Score no if no list of included **and** excluded studies is provided OR if there is an electronic link to the list of studies but the link is dead.

- ☐ Yes
☐ No

6. Were the characteristics of the included studies provided?

In an aggregated form such as a table, data from the individual original studies should be provided on the participants, interventions and outcomes. The ranges of characteristics in all the studies analyzed e.g. age, sex, relevant socioeconomic data, disease status, duration, severity, or other diseases should be reported.

Score yes only if the condition is met.

- ☐ Yes
☐ No
-

7. Was the scientific quality of the studies assessed and documented?**2 conditions**

- 'A priori' methods of quality assessment should be provided with an appropriate quality scoring tool or check-list (e.g. Jadad scale, risk of bias, sensitivity analysis, etc.);
 - The results of the quality assessment should be presented for each study ("low" or "high" is fine, as long as it is clear which studies scored "low" and which scored "high").
- ☐ Yes
☐ No

Score yes only if the two conditions are met.

Score no if not all conditions are met. A summary score/range for all studies is not acceptable.

8. Was the scientific quality of the included studies used appropriately in formulating conclusions?

The results of the methodological rigor and scientific quality should be considered in the analysis and the conclusions of the review, and explicitly stated in formulating recommendations. Might say something such as "the results should be interpreted with caution due to poor quality of included studies".

- ☐ Yes
☐ No

Score yes only if the condition is met.

Score no if the results are not discussed appropriately OR if the question 7 is scored "no".

9. Were the methods used to combine the finding of studies appropriate?**2 conditions :**

- For the pooled results, a test for heterogeneity (e.g.¹²) should be done to ensure the studies were combinable;
 - The model used to pool the results should be reported and appropriate (e.g. fixed effect model OR random effect model if heterogeneity exists OR mention that the studies could not be pooled because there is too much heterogeneity)
- ☐ Yes
☐ No
☐ Not applicable

Score yes only if the two conditions are met.

Score not applicable if the study is a systematic review without meta-analysis.

10. Was the likelihood of publication bias assessed?

An assessment of publication bias should include a graphical aids (e.g. funnel plot, other available tests) AND/OR statistical test (e.g. Egger regression test, Hedges-Olken).

Score yes only if the assessment of publication bias was performed and reported with graphical aids or statistical test OR if mention that publication bias could not be assessed because there were fewer than 10 included studies.

- ☐ Yes
☐ No
☐ Not applicable

Score not applicable if the study is a systematic review without meta-analysis.

11. Was the conflict of interest included?**2 conditions**

Potential sources of funding or support should be clearly acknowledged in both:

- The systematic review
 - For each of the included studies.
- ☐ Yes
☐ No

Score yes only if the two conditions are met.

Grille AMSTAR 2

1. Did the research questions and inclusion criteria for the review include the components of PICO?		
For Yes: ☐ Population ☐ Intervention ☐ Comparator group ☐ Outcome	Optional (recommended) ☐ Timeframe for follow-up	☐ Yes ☐ No
2. Did the report of the review contain an explicit statement that the review methods were established prior to the conduct of the review and did the report justify any significant deviations from the protocol?		
For Partial Yes: The authors state that they had a written protocol or guide that included ALL the following: ☐ review question(s) ☐ a search strategy ☐ inclusion/exclusion criteria ☐ a risk of bias assessment	For Yes: As for partial yes, plus the protocol should be registered and should also have specified: ☐ a meta-analysis/synthesis plan, if appropriate, <i>and</i> ☐ a plan for investigating causes of heterogeneity ☐ justification for any deviations from the protocol ☐ Yes ☐ Partial Yes ☐ No	
3. Did the review authors explain their selection of the study designs for inclusion in the review?		
For Yes, the review should satisfy ONE of the following: ☐ <i>Explanation for</i> including only RCTs ☐ <i>OR Explanation for</i> including only NRSI ☐ <i>OR Explanation for</i> including both RCTs and NRSI		
4. Did the review authors use a comprehensive literature search strategy?		
For Partial Yes (all the following): ☐ searched at least 2 databases (relevant to research question) ☐ provided key word and/or search strategy ☐ justified publication restrictions (e.g. language)	For Yes, should also have (all the following): ☐ searched the reference lists / bibliographies of included studies ☐ searched trial/study registries ☐ included/consulted content experts in the field ☐ where relevant, searched for grey literature ☐ conducted search within 24 months of completion of the review ☐ Yes ☐ Partial Yes ☐ No	
5. Did the review authors perform study selection in duplicate?		
For Yes, either ONE of the following: ☐ at least two reviewers independently agreed on selection of eligible studies and achieved consensus on which studies to include ☐ <i>OR</i> two reviewers selected a sample of eligible studies <u>and</u> achieved good agreement (at least 80 percent), with the remainder selected by one reviewer.		

6. Did the review authors perform data extraction in duplicate?		
For Yes, either ONE of the following:		
☐ at least two reviewers achieved consensus on which data to extract from included studies	☐ Yes	☐ No
☐ OR two reviewers extracted data from a sample of eligible studies <u>and</u> achieved good agreement (at least 80 percent), with the remainder extracted by one reviewer.		
7. Did the review authors provide a list of excluded studies and justify the exclusions?		
For Partial Yes:	For Yes, must also have:	
☐ provided a list of all potentially relevant studies that were read in full-text form but excluded from the review	☐ Justified the exclusion from the review of each potentially relevant study	☐ Yes ☐ Partial Yes ☐ No
8. Did the review authors describe the included studies in adequate detail?		
For Partial Yes (ALL the following):	For Yes, should also have ALL the following:	
☐ described populations	☐ described population in detail	☐ Yes
☐ described interventions	☐ described intervention in detail (including doses where relevant)	☐ Partial Yes
☐ described comparators	☐ described comparator in detail (including doses where relevant)	☐ No
☐ described outcomes	☐ described study's setting	
☐ described research designs	☐ timeframe for follow-up	
9. Did the review authors use a satisfactory technique for assessing the risk of bias (RoB) in individual studies that were included in the review?		
RCTs		
For Partial Yes, must have assessed RoB from	For Yes, must also have assessed RoB from:	
☐ unconcealed allocation, <i>and</i>	☐ allocation sequence that was not truly random, <i>and</i>	☐ Yes
☐ lack of blinding of patients and assessors when assessing outcomes (unnecessary for objective outcomes such as all-cause mortality)	☐ selection of the reported result from among multiple measurements or analyses of a specified outcome	☐ Partial Yes ☐ No ☐ Includes only NRSI
NRSI		
For Partial Yes, must have assessed RoB:	For Yes, must also have assessed RoB:	
☐ from confounding, <i>and</i>	☐ methods used to ascertain exposures and outcomes, <i>and</i>	☐ Yes
☐ from selection bias	☐ selection of the reported result from among multiple measurements or analyses of a specified outcome	☐ Partial Yes ☐ No ☐ Includes only RCTs
10. Did the review authors report on the sources of funding for the studies included in the review?		
For Yes		
☐ Must have reported on the sources of funding for individual studies included in the review. Note: Reporting that the reviewers looked for this information but it was not reported by study authors also qualifies		☐ Yes ☐ No

11. If meta-analysis was performed did the review authors use appropriate methods for statistical combination of results?	
RCTs For Yes: ☐ The authors justified combining the data in a meta-analysis ☐ AND they used an appropriate weighted technique to combine study results and adjusted for heterogeneity if present. ☐ AND investigated the causes of any heterogeneity ☐ Yes ☐ No ☐ No meta-analysis conducted	
For NRSI For Yes: ☐ The authors justified combining the data in a meta-analysis ☐ AND they used an appropriate weighted technique to combine study results, adjusting for heterogeneity if present ☐ AND they statistically combined effect estimates from NRSI that were adjusted for confounding, rather than combining raw data, or justified combining raw data when adjusted effect estimates were not available ☐ AND they reported separate summary estimates for RCTs and NRSI separately when both were included in the review ☐ Yes ☐ No ☐ No meta-analysis conducted	
12. If meta-analysis was performed, did the review authors assess the potential impact of RoB in individual studies on the results of the meta-analysis or other evidence synthesis?	
For Yes: ☐ included only low risk of bias RCTs ☐ OR, if the pooled estimate was based on RCTs and/or NRSI at variable RoB, the authors performed analyses to investigate possible impact of RoB on summary estimates of effect. ☐ Yes ☐ No ☐ No meta-analysis conducted	
13. Did the review authors account for RoB in individual studies when interpreting/ discussing the results of the review?	
For Yes: ☐ included only low risk of bias RCTs ☐ OR, if RCTs with moderate or high RoB, or NRSI were included the review provided a discussion of the likely impact of RoB on the results ☐ Yes ☐ No	
14. Did the review authors provide a satisfactory explanation for, and discussion of, any heterogeneity observed in the results of the review?	
For Yes: ☐ There was no significant heterogeneity in the results ☐ OR if heterogeneity was present the authors performed an investigation of sources of any heterogeneity in the results and discussed the impact of this on the results of the review ☐ Yes ☐ No	
15. If they performed quantitative synthesis did the review authors carry out an adequate investigation of publication bias (small study bias) and discuss its likely impact on the results of the review?	
For Yes: ☐ performed graphical or statistical tests for publication bias and discussed the likelihood and magnitude of impact of publication bias ☐ Yes ☐ No ☐ No meta-analysis conducted	

16. Did the review authors report any potential sources of conflict of interest, including any funding they received for conducting the review?	
For Yes:	
☐ The authors reported no competing interests OR	☐ Yes
☐ The authors described their funding sources and how they managed potential conflicts of interest	☐ No