

Refereed Journal Articles

1. Koulouridis I, Alfayez M, **Trikalinos TA**, Balk EM, Jaber BL (2012) Dose of erythropoiesis-stimulating agents and adverse outcomes in chronic kidney disease: A meta-regression analysis. *Am J Kidney Dis* (accepted): XXXX-XXXX.
2. **Trikalinos TA**, Olkin I (2012) Meta-analysis of effect sizes reported at multiple time points: A multivariate approach. *Clin Trials* (in press): XXXX-XXXX.
3. Wallace BC, Dahabreh IJ, **Trikalinos TA**, Lau J, Trow P, Schmid CH (2012) Closing the gap between methodologists and end-users: R as a computational back-end. *J Stat Software* (in press): XXXX-XXXX.
4. Terasawa T, Trikalinos NA, Djulbegovic B, **Trikalinos TA** (2012) Comparative efficacy of first-line therapies for advanced-stage chronic lymphocytic leukemia: A multiple-treatment meta-analysis. *Cancer Treat Rev* .
5. Dahabreh IJ, Sheldrick RC, Paulus JK, Chung M, Varvarigou V, Jafri H, Rassen JA, **Trikalinos TA**, Kitsios GD (2012) Do observational studies using propensity score methods agree with randomized trials? A systematic comparison of studies on acute coronary syndromes. *Eur Heart J* .
6. **Trikalinos TA**, Balion CM, Coleman CI, Griffith L, Santaguida PL, Vandermeer B, Fu R (2012) Chapter 8: Meta-analysis of Test Performance When There is a "Gold Standard". *J Gen Intern Med* 27 Suppl 1: 56–66.
7. **Trikalinos TA**, Balion CM (2012) Chapter 9: options for summarizing medical test performance in the absence of a "gold standard". *J Gen Intern Med* 27 Suppl 1: 67–75.
8. **Trikalinos TA**, Kulasingam S, Lawrence WF (2012) Chapter 10: deciding whether to complement a systematic review of medical tests with decision modeling. *J Gen Intern Med* 27 Suppl 1: 76–82.
9. Wallace BC, Small K, Brodley CE, Lau J, Schmid CH, Bertram L, Lill CM, Cohen JT, **Trikalinos TA** (2012) Toward modernizing the systematic review pipeline in genetics: efficient updating via data mining. *Genet Med* .
10. Rodday AM, Triedman JK, Alexander ME, Cohen JT, Ip S, Newburger JW, Parsons SK, **Trikalinos TA**, Wong JB, Leslie LK (2012) Electrocardiogram Screening for Disorders That Cause Sudden Cardiac Death in Asymptomatic Children: A Meta-analysis. *Pediatrics* 129: e999-e1010.
11. Chung M, Lee J, Terasawa T, Lau J, **Trikalinos TA** (2011) Vitamin D with or without calcium supplementation for prevention of cancer and fractures: an updated meta-analysis for the U.S. Preventive Services Task Force. *Ann Intern Med* 155: 827–838.
12. Dahabreh IJ, **Trikalinos TA**, Paulus JK (2012) Parity and risk of lung cancer in women: Systematic review and meta-analysis of epidemiological studies. *Lung Cancer* 76: 150–158.
13. **Trikalinos TA**, Moorthy D, Chung M, Yu WW, Lee J, Lichtenstein AH, Lau J (2012) Concordance of randomized and nonrandomized studies was unrelated to translational patterns of two nutrient-disease associations. *J Clin Epidemiol* 65: 16–29.
14. Wessler BS, Kramer DG, Kelly JL, **Trikalinos TA**, Kent DM, Konstam MA, Udelson JE (2011) Drug and device effects on peak oxygen consumption, 6-minute walk distance, and natriuretic peptides as predictors of therapeutic effects on mortality in patients with heart failure and reduced ejection fraction. *Circ Heart Fail* 4: 578–588.
15. Rao M, Mottl AK, Cole SA, Umans JG, Freedman BI, Bowden DW, Langefeld CD, Fox CS, Yang Q, Cupples A, Iyengar SK, Hunt SC, **Trikalinos TA** (2012) Meta-analysis of genome-wide linkage scans for renal function traits. *Nephrol Dial Transplant* 27: 647–656.
16. Fu R, Gartlehner G, Grant M, Shamliyan T, Sedrakyan A, Wilt TJ, Griffith L, Oremus M, Raina P, Ismaila A, Santaguida P, Lau J, **Trikalinos TA** (2011) Conducting quantitative synthesis when comparing medical interventions: AHRQ and the Effective Health Care Program. *J Clin Epidemiol* 64: 1187–1197.
17. Dahabreh IJ, Terasawa T, Castaldi PJ, **Trikalinos TA** (2011) Systematic review: Anti-epidermal growth factor receptor treatment effect modification by KRAS mutations in advanced colorectal cancer. *Ann Intern Med* 154: 37–49.

18. Terasawa T, Dahabreh I, **Trikalinos TA** (2010) BCR-ABL mutation testing to predict response to tyrosine kinase inhibitors in patients with chronic myeloid leukemia. *PLoS Curr* 2: RRN1204.
19. Alsheikh-Ali AA, **Trikalinos TA**, Ruthazer R, Terrin N, Wong JB, Sarnak MJ, Estes NA, Kent DM (2011) Risk of arrhythmic and nonarrhythmic death in patients with heart failure and chronic kidney disease. *Am Heart J* 161: 204–209.
20. Kitsios GD, Dahabreh IJ, **Trikalinos TA**, Schmid CH, Huggins GS, Kent DM (2011) Heterogeneity of the phenotypic definition of coronary artery disease and its impact on genetic association studies. *Circ Cardiovasc Genet* 4: 58–67.
21. Dahabreh I, Terasawa T, Castaldi P, **Trikalinos TA** (2010) CYP2D6 testing to predict response to tamoxifen in women with breast cancer: Pharmacogenomic. *PLoS Curr* 2: RRN1176.
22. Dahabreh IJ, Kitsios GD, Kent DM, **Trikalinos TA** (2010) Paraoxonase 1 polymorphisms and ischemic stroke risk: A systematic review and meta-analysis. *Genet Med* 12: 606–615.
23. Kramer DG, **Trikalinos TA**, Kent DM, Antonopoulos GV, Konstam MA, Udelson JE (2010) Quantitative evaluation of drug or device effects on ventricular remodeling as predictors of therapeutic effects on mortality in patients with heart failure and reduced ejection fraction: a meta-analytic approach. *J Am Coll Cardiol* 56: 392–406.
24. Gabbay E, Calvo-Broce J, Meyer KB, **Trikalinos TA**, Cohen J, Kent DM (2010) The empirical basis for determinations of medical futility. *J Gen Intern Med* 25: 1083–1089.
25. Peter I, Crosier MD, Yoshida M, Booth SL, Cupples LA, Dawson-Hughes B, Karasik D, Kiel DP, Ordovas JM, **Trikalinos TA** (2011) Associations of APOE gene polymorphisms with bone mineral density and fracture risk: a meta-analysis. *Osteoporos Int* 22: 1199–1209.
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27. Pittas AG, Chung M, **Trikalinos TA**, Mitri J, Brendel M, Patel K, Lichtenstein AH, Lau J, Balk EM (2010) Systematic review: Vitamin D and cardiometabolic outcomes. *Ann Intern Med* 152: 307–314.
28. Wallace BC, **Trikalinos TA**, Lau J, Brodley C, Schmid CH (2010) Semi-automated screening of biomedical citations for systematic reviews. *BMC Bioinformatics* 11: 55.
29. Wallace BC, Schmid CH, Lau J, **Trikalinos TA** (2009) Meta-Analyst: software for meta-analysis of binary, continuous and diagnostic data. *BMC Med Res Methodol* 9: 80.
30. Castaldi PJ, Cho MH, Cohn M, Langerman F, Moran S, Tarragona N, Moukhachen H, Venugopal R, Hasimja D, Kao E, Wallace B, Hersh CP, Bagade S, Bertram L, Silverman EK, **Trikalinos TA** (2010) The COPD genetic association compendium: a comprehensive online database of COPD genetic associations. *Hum Mol Genet* 19: 526–534.
31. Ip S, Chung M, Raman G, **Trikalinos TA**, Lau J (2009) A summary of the Agency for Healthcare Research and Quality’s evidence report on breastfeeding in developed countries. *Breastfeed Med* 4 Suppl 1: 17–30.
32. **Trikalinos TA**, Chung M, Lau J, Ip S (2009) Systematic review of screening for bilirubin encephalopathy in neonates. *Pediatrics* 124: 1162–1171.
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34. **Trikalinos TA**, Siebert U, Lau J (2009) Decision-analytic modeling to evaluate benefits and harms of medical tests: uses and limitations. *Med Decis Making* 29: E22–29.
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36. Barza M, **Trikalinos TA**, Lau J (2009) Statistical considerations in meta-analysis. *Infect Dis Clin North Am* 23: 195–210.
37. **Trikalinos TA** (2009) Does it mean anything if your own name is wrong in your published paper? *FASEB J* 23: 2345–2348.
38. **Trikalinos TA**, Alsheikh-Ali AA, Tatsioni A, Nallamothu BK, Kent DM (2009) Percutaneous coronary interventions for non-acute coronary artery disease: a quantitative 20-year synopsis and a network meta-analysis. *Lancet* 373: 911–918.
39. Chung M, Balk EM, Ip S, Raman G, Yu WW, **Trikalinos TA**, Lichtenstein AH, Yetley EA, Lau J (2009) Reporting of systematic reviews of micronutrients and health: a critical appraisal. *Am J Clin Nutr* 89: 1099–1113.

40. Russell R, Chung M, Balk EM, Atkinson S, Giovannucci EL, Ip S, Lichtenstein AH, Mayne ST, Raman G, Ross AC, **Trikalinos TA**, West KP, Lau J (2009) Opportunities and challenges in conducting systematic reviews to support the development of nutrient reference values: vitamin A as an example. *Am J Clin Nutr* 89: 728–733.
41. Chung M, Raman G, **Trikalinos TA**, Lau J, Ip S (2008) Interventions in primary care to promote breastfeeding: an evidence review for the U.S. Preventive Services Task Force. *Ann Intern Med* 149: 565–582.
42. Stefanis NC, **Trikalinos TA**, Avramopoulos D, Smyrnis N, Evdokimidis I, Ntzani EE, Hatzimanolis A, Ioannidis JP, Stefanis CN (2008) Association of RGS4 variants with schizotypy and cognitive endophenotypes at the population level. *Behav Brain Funct* 4: 46.
43. Alsheikh-Ali AA, **Trikalinos TA**, Kent DM, Karas RH (2008) Statins, low-density lipoprotein cholesterol, and risk of cancer. *J Am Coll Cardiol* 52: 1141–1147.
44. Papatheodorou SI, **Trikalinos TA**, Ioannidis JP (2008) Inflated numbers of authors over time have not been just due to increasing research complexity. *J Clin Epidemiol* 61: 546–551.
45. **Trikalinos TA**, Olkin I (2008) A method for the meta-analysis of mutually exclusive binary outcomes. *Stat Med* 27: 4279–4300.
46. Kent DM, **Trikalinos TA** (2008) Are "treatment" bare metal stents superior to "control" bare metal stents? A meta-analytic approach. *Am Heart J* 155: 624–629.
47. **Trikalinos TA**, Salanti G, Zintzaras E, Ioannidis JP (2008) Meta-analysis methods. *Adv Genet* 60: 311–334.
48. van Meurs JB, **Trikalinos TA**, Ralston SH, Balcells S, Brandi ML, Brixen K, Kiel DP, Langdahl BL, Lips P, Ljunggren O, Lorenc R, Obermayer-Pietsch B, Ohlsson C, Pettersson U, Reid DM, Rousseau F, Scollen S, Van Hul W, Agueda L, Akesson K, Benevolenskaya LI, Ferrari SL, Hallmans G, Hofman A, Husted LB, Kruk M, Kaptoge S, Karasik D, Karlsson MK, Lorentzon M, Masi L, McGuigan FE, Mellstrom D, Mosekilde L, Nogues X, Pols HA, Reeve J, Renner W, Rivadeneira F, van Schoor NM, Weber K, Ioannidis JP, Uitterlinden AG, Contopoulos-Ioannidis DG, Arp P, Jhamai M, van Leeuwen H, Albagha OM, Macdonald H, Stewart A, Bassiti A, Dunning AM, Carstens M, Stenkjaer L, Boffill NG, Tanini A, Falchetti A, Grinberg D, Bustamante M, Diez-Perez A, Mellibovsky L, Jurado S, Walter D, Hartl U, Gugatschka M, Bonelli C, Dobnig H, Fahrleitner-Pammer A, Karczmarewicz E, Pludowski P, Beckers S, Peeters A, Pitters E, Balemans W, Svensson O, Nordstrom P, Nielsen TL, Wraae K, Bathum L, Brasen C, Hagen C, Andersen M, Abrahamsen B, Parsons C, Bear S, Farmer R, Jensen JE, Eiken P, Lukaszkiwicz J, Bilinski P, Czerwinski E, Lewinski A, Marcinowska-Suchowierska E, Milewicz A, Spaczynski M, Jaworski M, Nuti R, Grazio S, Miazgowski T, Boonen SR, Masaryk P, Stepan JJ, Lopes Vaz A, Armas JB, Cannata J, Perez Cano R, Todd C, Khaw KT, da Silva JA, Bhalla A, Poor G, Lyritis G, O'Neill TW, Lunt M, van Duijn CM, de Jong PJ, Breteler MM, Stricker BH, Wittteman JC, Compston J, Cooper C, Duncan E, Keen R, McLellan A, Wass J, Cupples LA, Demissie S, Imamovic A, Dekema E, van Essen H, Pluijm S, Deeg D, Mallmin H, Grundberg E, Holmberg A, Orwoll E, Agren A, Sjodin H, Enquist K, Bergdahl I, Bergstrom U (2008) Large-scale analysis of association between LRP5 and LRP6 variants and osteoporosis. *JAMA* 299: 1277–1290.
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Refereed Contributions in Computer Science

89. Small K, Wallace BC, Brodley CE, **Trikalinos TA** (2011) The constrained weight space SVM: Learning with labeled features. In: *International Conference on Machine Learning. ICML '11*.
90. Wallace BC, Small K, Brodley CE, **Trikalinos TA** (2010) Active learning for biomedical citation screening. In: *Proceedings of the 16th ACM SIGKDD international conference on Knowledge discovery and data mining*. New York, NY, USA: ACM, KDD '10, pp. 173–182. doi:10.1145/1835804.1835829.
91. Wallace BC, Small K, Brodley CE, Lau J, **Trikalinos TA** (2012) Deploying an interactive machine learning system in an evidence-based practice center: abstract. In: *Proceedings of the 2nd ACM SIGHT International Health Informatics Symposium*. New York, NY, USA: ACM, IHI '12, pp. 819–824. doi:10.1145/2110363.2110464.
92. Wallace BC, Small K, Brodley CE, **Trikalinos TA** (2011) Class imbalance, redux. In: *IEEE 11th International Conference on Data Mining (ICDM)*. IEEE, pp. 754–763.
93. Wallace BC, Small K, Brodley CE, **Trikalinos TA** (2011) Who should label what? Instance allocation in multiple expert active learning. In: *Siam International Conference on Data Mining (SDM)*. pp. 176–187.
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Editorials, Commentaries & Non-refereed Journal Articles

95. Leslie LK, Alexander ME, **Trikalinos TA**, Cohen JT, Parsons SK, Newburger JW (2008) Reexamining the emperor's new clothes: ambiguities in current cardiac screening recommendations for youth with attention deficit hyperactivity disorder. *Circ Cardiovasc Qual Outcomes* 1: 134–137.
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98. Rao M, Peter I, **Trikalinos TA** (2010) A lesson from the Zuni Indians: heritability in perspective. *Am J Kidney Dis* 56: 251–254.
99. **Trikalinos TA** (2010) Nomogram can help estimate risk of serious hyperbilirubinemia in healthy infants. *J Pediatr* 156: 508–509.
100. Kent DM, **Trikalinos TA**, Hill MD (2009) Are unadjusted analyses of clinical trials inappropriately biased toward the null? *Stroke* 40: 672–673.

Refereed Reports, White Papers & Technology Assessments

101. **Trikalinos TA**, Balion CM (2012) Options for summarizing medical test performance in the absence of a “gold standard” (Chapter 9). Technical report, Rockville (MD): Agency for Healthcare Research and Quality (US).
102. **Trikalinos TA**, Kulasingam S, Lawrence WF (2012) Deciding whether to complement a systematic review of medical tests with decision modeling (Chapter 10). Technical report, Rockville (MD): Agency for Healthcare Research and Quality (US).
103. **Trikalinos TA**, Balion CM, Coleman CI, Griffith L, Santaguida PL, Vandermeer B, Fu R (2012) Meta-analysis of test performance when there is a “gold standard” (Chapter 8). Technical report, Rockville (MD): Agency for Healthcare Research and Quality (US).
104. Balk EM, Chung M, Hadar N, Patel K, Yu WW, **Trikalinos TA**, Chang LW (2012) Accuracy of data extraction of non-english language trials with Google Translate. Technical report, Rockville (MD): Agency for Healthcare Research and Quality (US).
105. Kane RL, Guise JM, Hartman K, Rothenberg B, **Trikalinos TA**, Wilt T (2012) Presentation of future research needs. Technical report, Rockville (MD): Agency for Healthcare Research and Quality (US).
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