# TABLE OF CONTENTS

**Editorial**

vi  
Research without good questions is a waste  
*J. Andre Knottnerus, and Peter Tugwell*

**Reviews**

1  
Methodological review showed correct absolute effect size estimates for time-to-event outcomes in less than one-third of cancer-related systematic reviews  
*Nicole Skoetz, Marius Goldkuble, Aaron Weigl, Kerry Dwan, Valérie Labonté, Philipp Dalcm, Joerg J. Meerpoib, Benjamin Djulbegovic, and Elvira C. van Dalen*

17  
Justification and reporting of subgroup analyses were lacking or inadequate in randomized controlled trials  
*Jingchun Fan, Fujian Song, and Max O. Bachmann*

44  
A systematic review finds inconsistency in the measures used to estimate adherence and persistence to multiple cardiometabolic medications  
*Sofa D. Alfian, Ivan S. Pradipta, Eelko Hak, and Petra Denig*

121  
An overview of statistical methods for handling nonadherence to intervention protocol in randomized control trials: a methodological review  
*Mohammod Mostazir, Rod S. Taylor, William Henley, and Ed Watkins*

**Original Articles**

10  
Living network meta-analysis was feasible when considering the pace of evidence generation  
*Perrine Créquitt, Tania Martin-Montoya, Nassima Attiche, Ludovic Trinquart, Alexandre Vivot, and Philippe Ravaud*

26  
Minor differences were found between AMSTAR 2 and ROBIS in the assessment of systematic reviews including both randomized and nonrandomized studies  
*Dawid Pieper, Livia Puljak, Marien Gonzalez-Lorenzo, and Silvia Minozzi*

34  
Racial/ethnic disparities in disease burden and costs related to exposure to endocrine-disrupting chemicals in the United States: an exploratory analysis  
*Teresa M. Attina, Julia Malits, Mrudula Naidu, and Leonardo Trasanu*

54  
Participation weighting based on sociodemographic register data improved external validity in a population-based cohort study  
*Carl Bonander, Anton Nilsson, Jonas Björk, Göran M.L. Bergström, and Ulf Strömberg*

*Continued on following page*
# TABLE OF CONTENTS

## Systematic reviews of clinical practice guidelines: a methodological guide
**Amy Johnston, Shannon E. Kelly, Shu-Ching Hsieh, Becky Skidmore, and George A. Wells**

## GRADE approach to rate the certainty from a network meta-analysis: addressing incoherence
**Romina Brignardello-Petersen, Reem A. Mustafa, Reed A.C. Siemieniuk, M. Hassan Murad, Thomas Agoritsas, Ariel Izcovich, Holger J. Schünemann, and Gordon H. Guyatt, for the GRADE Working Group**

## Automatic screening using word embeddings achieved high sensitivity and workload reduction for updating living network meta-analyses
**Ivan Lerner, Perrine Créquit, Philippe Ravaud, and Ignacio Atal**

## More than one-third of systematic reviews did not fully report the adverse events outcome
**Rachael Parsons, Su Golder, and Ian Watt**

## Randomized trial seeking to induce the Hawthorne effect found no evidence for any effect on self-reported alcohol consumption online
**Jim McCambridge, Amanda Wilson, John Attia, Natasha Weaver, and Kypros Kypri**

## Higher number of items associated with significantly lower response rates in COS Delphi surveys
**Elizabeth Gargon, Richard Crew, Girvan Burnside, and Paula R. Williamson**

## The actor–partner interdependence model in shared decision-making: an illustrative example of its application to the physician–patient dyad in primary care consultations
**Stéphane Turcotte, Hubert Robitaille, Louisa Blair, and France Légaré**

### Letters to the Editor

## Sample size calculations need to be adequate and parsimonious
**Bruno Mario Cesana, and Paolo Antonelli**

## Conflict of interest is not associated with positive conclusions in toothpaste trials: a systematic survey
**Carolina C. Martins, John J. Riva, Ramon T. Firmino, Luis E. Colunga-Lozano, Ana Flávia Granville-Garcia, Yuan Zhang, and Holger J. Schünemann**

## Improving representation in telephone-based health care access surveys requires purposeful efforts to include prepaid cell phone users
**Marcus E. Berzofsky, Caroline B. Scruggs, Bo Lu, Howard Speizer, and Timothy Sabr**

## Noninferiority drug trials fail to report adequate methodological detail: an assessment of noninferiority trials from 2010 to 2015
**Jenny Hong, Anthony Tung, Angus Kinkade, and Aaron M. Tejani**

### Corrigendum

## Corrigendum to “Studies reporting ROC curves of diagnostic and prediction data were incorporated into meta-analyses using corresponding odds ratios” [J Clin Epidemiol. 2007 May;60(5):530-4]
**S.D. Walter, and T. Sinuff**