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Using structural equation modeling to investigate change in health-related quality of life

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Author Contributions

Chapter 2

Verdam, M. G. E., Oort, F. J., Visser, M. R. M., & Sprangers, M. A. G. (2012). Response shift detection through then-test and structural equation modelling: Decomposing observed change and testing tacit assumptions. *Netherlands Journal of Psychology*, 67, 58-67.

Conception or design of the work (MV, FO, MS), data collection (MVi), data analysis and interpretation (MV, FO, MS), manuscript preparation (MV), critical revision of the manuscript (MV, FO, MS), final approval of the manuscript (MV, FO, MS, MVi).

Chapter 3

Verdam, M. G. E., & Oort, F. J. (2015). The analysis of multivariate longitudinal data: An instructive explanation of the longitudinal three-mode model. *Manuscript submitted for publication*.

Conception or design of the work (MV, FO), data analysis and interpretation (MV, FO), manuscript preparation (MV), critical revision of the manuscript (MV, FO), final approval of the manuscript (MV, FO).

Chapter 4

Verdam, M. G. E., & Oort, F. J. (2014). Measurement bias detection with Kronecker product restricted models for multivariate longitudinal data when the number of measurement occasions is large. *Frontiers in Psychology*, 5, 1022.

Conception or design of the work (MV, FO), data analysis and interpretation (MV, FO), manuscript preparation (MV), critical revision of the manuscript (MV, FO), final approval of the manuscript (MV, FO).

Chapter 5

Verdam, M. G. E., Oort, F. J., van der Linden, Y. M., & Sprangers, M. A. G. (2015). Taking into account the impact of attrition on the assessment of response shift and true change: A multigroup structural equation modeling approach. *Quality of Life Research*, 24, 541-551.

Conception or design of the work (MV, FO, MS), data collection (YvdL), data analysis and interpretation (MV, FO, MS), manuscript preparation (MV), critical revision of the manuscript (MV, FO, YvdL, MS), final approval of the manuscript (MV, FO, YvdL, MS).

Chapter 6

Verdam, M. G. E., Oort, F. J., & Sprangers, M. A. G. (2016). Using structural equation modeling to detect response shifts and true change in discrete variables: An application to the items of the SF-36. *Quality of Life Research*, 25, 1361-1383.

Conception or design of the work (MV, FO, MS), data analysis and interpretation (MV, FO, MS), manuscript preparation (MV), critical revision of the manuscript (MV, FO, MS), final approval of the manuscript (MV, FO, MS).

Chapter 7

Verdam, M. G. E., Oort, F. J., & Sprangers, M. A. G. (in press). Using structural equation modeling to detect item bias: Comparison with other item bias detection methods. *Quality of Life Research*.

Conception or design of the work (MV, FO, MS), data analysis and interpretation (MV, FO, MS), manuscript preparation (MV), critical revision of the manuscript (MV, FO, MS), final approval of the manuscript (MV, FO, MS).

Chapter 8

Verdam, M. G. E., Oort, F. J., & Sprangers, M. A. G. (2016). *The impact of response shift on the assessment of change: Calculation of effect-size indices using structural equation modeling*. Manuscript submitted for publication.

Conception or design of the work (MV, FO, MS), data analysis and interpretation (MV, FO, MS), manuscript preparation (MV), critical revision of the manuscript (MV, FO, MS), final approval of the manuscript (MV, FO, MS).

List of publications

In press

Hillen, M. A., Postma, R.-M., **Verdam, M. G. E.**, & Smets, E. M. A. (in press). Development and validation of an abbreviated version of the Trust in Oncologist Scale- the TiOS-SF. *Supportive Care in Cancer*.

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de Vries, M., **Verdam, M. G. E.**, Prins, P. J. M., Schmand, B. A., & Geurts, H. M. (in press). Predictors and moderators of an executive function training for children with an autism spectrum disorder. *Autism: International Journal of Research and Practice*.

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