



Universiteit
Leiden
The Netherlands

Interactions of cognitive and physical ageing

Stijntjes, M.

Citation

Stijntjes, M. (2016, October 12). *Interactions of cognitive and physical ageing*. Retrieved from <https://hdl.handle.net/1887/43530>

Version: Not Applicable (or Unknown)

License: [Licence agreement concerning inclusion of doctoral thesis in the Institutional Repository of the University of Leiden](#)

Downloaded from: <https://hdl.handle.net/1887/43530>

Note: To cite this publication please use the final published version (if applicable).

Cover Page



Universiteit Leiden



The handle <http://hdl.handle.net/1887/43530> holds various files of this Leiden University dissertation.

Author: Stijntjes, M.

Title: Interactions of cognitive and physical ageing

Issue Date: 2016-10-12

List of publications

Stijntjes M, Aartsen MJ, Taekema DG, Gussekloo J, Huisman M, Meskers CGM, de Craen AJM, Maier AB. Temporal relationship between cognitive and physical performance in middle-aged to oldest old people. *J Gerontol A Biol Sci Med Sci* 2016 in press.

Stijntjes M, de Craen AJM, van der Grond J, Meskers CGM, Slagboom PE, Maier AB. Cerebral microbleeds and lacunar infarcts are associated with walking speed independent of cognitive performance in middle-aged to older adults. *Gerontology* 2016 in press.

Stijntjes M, Meskers CGM, de Craen AJM, van Lummel RC, Rispens SM, Slagboom PE, Maier AB. Effect of calendar age on physical performance: a comparison of standard clinical measures with instrumented measures in middle-aged to older adults. *Gait Posture* 2016;45:12-8.

Waaier MEC, Westendorp RGJ, Goldeck D, Gunn DA, Pawelec G, **Stijntjes M**, Slagboom PE, Maier AB. Assessment of health status by molecular measures in adults ranging from middle-aged to old: ready for clinical use? *Exp Gerontol* 2016 in press.

Stijntjes M^{*}, Pasma JH^{*}, van Vuuren M, Blauw GJ, Meskers CGM, Maier AB. Low cognitive status is associated with a lower ability to maintain standing balance in elderly outpatients. *Gerontology* 2015;61(2):124-30.

Pasma JH^{*}, **Stijntjes M**^{*}, Ou SS, Blauw GJ, Meskers CGM, Maier AB. Walking speed in elderly outpatients depends on the assessment method. *Age (Dordr)* 2014;36(6):9736.

Pasma JH, Bijlsma AY, Klip JM, **Stijntjes M**, Blauw GJ, Muller M, Meskers CGM, Maier AB. Blood pressure associates with standing balance in elderly outpatients. *PLoS One* 2014;9(9):e106808.

Bijlsma AY^{*}, Pasma JH^{*}, Lambers D^{*}, **Stijntjes M**, Blauw GJ, Meskers CGM, Maier AB. Muscle strength rather than muscle mass is associated with standing balance in elderly outpatients. *J Am Med Dir Assoc* 2013;14(7):493-8.

Stijntjes M, de Craen AJM, van Heemst D, Meskers CGM, van Buchem MA, Westendorp RGJ, Slagboom PE, Maier AB. Familial longevity is marked by better cognitive performance at middle age: the Leiden Longevity Study. *PLoS One* 2013;8(3):e57962.

Zhang Y, Beenakker KGM, Butala PM, Lin CC, Little TD, Maier AB, **Stijntjes M**, Vartanian R, Wagenaar RC. Monitoring walking and cycling of middle-aged to older community dwellers using wireless wearable accelerometers. *Conf Proc IEEE Eng Med Biol Soc* 2012:158-61.

^{*} Authors contributed equally

Curriculum Vitae

Marjon Stijntjes was born on the 8th of April 1986 in Middelrode, the Netherlands. In 2005 she graduated from secondary school Gymnasium Beekvliet in Sint-Michielsgestel and continued studying Technical Medicine at the University of Twente. She started the master program of Technical Medicine in 2008 with the specialization of Medical Signaling. She did internships at the departments of Clinical Neurophysiology and Pulmonary Medicine of the Medisch Spectrum Twente, Pediatric Urology of the Wilhelmina Children's Hospital and at the company Twente Medical Systems International. For her master's assignment she did a clinical internship of specialization at the departments of Rehabilitation Medicine and Gerontology and Geriatrics of the Leiden University Medical Center on the topic of muscle ageing. In 2011 she received the degree Master of Science in Technical Medicine (cum laude) and started her PhD program at the department of Gerontology and Geriatrics of the Leiden University Medical Center. In the same period, she organized the annual scientific conferences of the Dutch Association for Technical Medicine and was a member of the board of this professional organization from 2013 to 2016. Since 2015 she has been working as a postdoctoral researcher and teacher at the department of Biomechanical Engineering of the Delft University of Technology.

This book is printed on FSC and PEFC certified paper.

