**Appendix A1**

Study measures with references:

* Relationship Satisfaction Scale (RSS) (Burns, 1983),
* EuroQoL-5D-3L (EQ-5D) (EuroQol Group, 1990)
* Relatives’ Stress Scale (Rel.SS) (Greene et al., 1982),
* Family Caregiving Role (FCR) (Schofield et al., 1997),
* Dyadic Relationship Scale (DRS) (Sebern and Whitlatch, 2007),
* Brief Resilience Scale (BRS) (Smith et al., 2008),
* Short Form 12 Health Survey (SF-12) (Ware et al., 1996),
* Zarit Burden Interview (ZBI) (Zarit et al., 1980),
* Hospital Anxiety and Depression Scale (HADS) (Zigmond & Snaith, 1983) and

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**PDD**: Emre, M., *et al.* (2007). Clinical diagnostic criteria for dementia associated with Parkinson’s disease. *Movement Disorders*, 22, 1689-1707. doi: 10.1002/mds.21507.

**PD-MCI**: Litvan, I., *et al*. (2012). Diagnostic criteria for mild cognitive impairment in Parkinson’s disease: movement disorder society task force guidelines. *Movement Disorders*, 27(3), 349-356. doi: 10.1002/mds.24893.

**DLB**: McKeith, I. G., *et al*. (2017). Diagnosis and management of dementia with Lewy bodies: fourth consensus report of the DLB consortium. *Neurology*, 89(1), 88-100. doi: 10.1212/WNL.0000000000004058.

Publications about the INVEST study:

**Protocol:** McCormick, S. A., *et al.* (2017). Psychosocial therapy for Parkinson’s-related dementia: study protocol for the INVEST randomised controlled trial. *BMJ Open*, 7(6): e016801. doi: 10.1136/bmjopen-2017-016801.

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