

Supplementary Table SI A. Studies characteristics

Ref	Author(s)	Year	Design	Journal	Country	Participants	Gender	Age (mean \pm SD)
3	Simon <i>et al.</i>	2024	Cross-sectional	Disability and Rehabilitation	Hungary	100	52F/48M	78.6 \pm 7.4
4	Kashif <i>et al.</i>	2022	Cross-sectional	Int J Environ Res Public Health	Pakistan	140	82M/58F	65.5 \pm 9.8
5	Scalzo <i>et al.</i>	2009	Validation study	Arquivos de Neuro-Psiquiatria	Brazil	40	25M/15F	62.7 \pm 8.3
7	Salavati <i>et al.</i>	2012	Reliability study	Disability and Rehabilitation	Iran	68	36F/32M	70.2 \pm 5.5
8	Babaei-Ghazani <i>et al.</i>	2017	Validation study	Aging Clin Exp Res	Iran	65	37M/28F	67.4 \pm 10.2
9	Berardi <i>et al.</i>	2020	Cross-sectional	Arquivos de Neuro-Psiquiatria	Italy	52	31M/21F	64.8 \pm 7.6
10	Sahin <i>et al.</i>	2008	Validation study	J Geriatr Phys Ther	Turkey	51	30F/21M	71.9 \pm 6.4
14	Nunes <i>et al.</i>	2022	Cross-cultural	J Aging Phys Act	Brazil	113	64F/49M	71.4 \pm 6.3
15	Gillespie <i>et al.</i>	2021	Comparative study	Physiotherapy Canada	Canada	46	27F/19M	66.1 \pm 11.4
16	Telenius <i>et al.</i>	2015	Reliability study	BMJ Open	Norway	41	25F/16M	84.2 \pm 5.1
17	Ottonello <i>et al.</i>	2003	Psychometric study	Europa Medicophysica	Italy	99	54F/45M	67.5 \pm 8.7
18	Miyamoto <i>et al.</i>	2004	Validation study	Braz J Med Biol Res	Brazil	120	70M/50F	69.1 \pm 7.2
19	Wang <i>et al.</i>	2006	Psychometric study	J Formos Med Assoc	Taiwan	129	72F/57M	73.8 \pm 5.2
20	Jung <i>et al.</i>	2006	Reliability test	J Korean Acad Rehabil Med	South Korea	62	38M/24F	68.4 \pm 9.3
21	Halsaa <i>et al.</i>	2007	Reliability study	Arch Phys Med Rehabil	Norway	71	41F/30M	82.1 \pm 5.7
22	Matsushima <i>et al.</i>	2014	Reliability study	Intern Med	Japan	58	32F/26M	74.5 \pm 8.0
23	Lampropoulou <i>et al.</i>	2016	Cross-cultural	J Phys Med Rehabil Disabil	Greece	50	28F/22M	70.3 \pm 7.8

Supplementary Table SI B. Study's methodology implementation

Ref.	Author(s)	Year	Design	Intervention type	Methods implemented	Frequency of assessment	Test-retest interval
3	Simon <i>et al.</i>	2024	Cross-sectional	Cross-cultural validation	BBS administration	2 assessments	7 days
4	Kashif <i>et al.</i>	2022	Cross-sectional	Translation & validation	BBS administration	2 assessments	1 week
5	Scalzo <i>et al.</i>	2009	Validation study	Cultural adaptation	BBS administration	2 assessments	1–2 weeks
7	Salavati <i>et al.</i>	2012	Reliability study	Translation & validation	BBS administration	2 assessments	7–10 days
8	Babaei-Ghazani <i>et al.</i>	2017	Validation study	Translation & validation	BBS administration	2 assessments	1 week
9	Berardi <i>et al.</i>	2020	Cross-sectional	Validation study	BBS administration	2 assessments	1 week
10	Sahin <i>et al.</i>	2008	Validation study	Translation & validation	BBS administration	2 assessments	5–7 days
14	Nunes <i>et al.</i>	2022	Cross-cultural	Translation & validation	FFABQ-B, BBS, TUG, 6MWT, activity monitoring	2 assessments	7 days
15	Gillespie <i>et al.</i>	2021	Comparative study	In-person vs. telerehab	BBS via in-person and telerehabilitation	2 assessments	5 days
16	Telenius <i>et al.</i>	2015	Reliability study	Construct validity	BBS, 30s chair stand, 6m walk test	2 assessments	1 week
17	Ottonello <i>et al.</i>	2003	Psychometric study	Validation study	BBS administration	2 assessments	7–10 days
18	Miyamoto <i>et al.</i>	2004	Validation study	Translation & validation	BBS administration	2 assessments	1 week
19	Wang <i>et al.</i>	2006	Psychometric study	Validation study	BBS administration	2 assessments	7 days
20	Jung <i>et al.</i>	2006	Reliability test	Translation & validation	BBS administration	2 assessments	1 week
21	Halsaa <i>et al.</i>	2007	Reliability study	Interrater reliability	BBS administration	2 assessments	7 days
22	Matsushima <i>et al.</i>	2014	Reliability study	Translation & validation	BBS administration	2 assessments	7 days
23	Lampropoulou <i>et al.</i>	2016	Cross-cultural	Translation & validation	BBS administration	2 assessments	1 week