

Table 5: Associations between dysfunctions in the eight comprehensive geriatric assessment tests.

Variable	Impairment in ADL	Impairment in IADL	Depressive symptoms in GDS	Malnutrition in MNA	Insomnia in AIS	Frailty in CFS	Risk of falls in TT	Cognitive impairment in MMSE
Impairment in ADL	---	OR: 153.56 (34.86-676.48) p <0.001	OR: 7.51 (3.11-18.15) p <0.001	OR: 4.88 (2.23-10.69) p <0.001	OR: 1.06 (0.49-2.3) p =0.89	OR: 32.17 (7.52-137.7) p <0.001	OR: 2.2 (1.02-4.76) p =0.045	OR: 19.82 (7.73-50.81) p <0.001
Impairment in IADL	OR: 153.56 (34.86-676.48) p <0.001	---	OR: 4.87 (2.72-8.71) p <0.001	OR: 4.43 (2.5-7.87) p <0.001	OR: 1.89 (1.08-3.29) p =0.025	OR: 59.94 (18.31-196.25) p <0.001	OR: 6.13 (3.31-11.34) p <0.001	OR: 14.54 (7.76-27.24) p <0.001
Depressive symptoms in GDS	OR: 7.51 (3.11-18.15) p <0.001	OR: 4.87 (2.72-8.71) p <0.001	---	OR: 2.88 (1.83-4.6) p <0.001	OR: 3.86 (2.52-5.9) p <0.001	OR: 6.22 (3.99-9.7) p <0.001	OR: 3.53 (2.31-5.39) p <0.001	OR: 4.73 (2.88-7.77) p <0.001
Malnutrition in MNA	OR: 4.88 (2.23-10.69) p <0.001	OR: 4.43 (2.5-7.87) p <0.001	OR: 2.88 (1.83-4.6) p <0.001	---	OR: 2.13 (1.37-3.34) p =0.001	OR: 3.84 (2.43-6.08) p <0.001	OR: 1.62 (1.03-2.53) p =0.036	OR: 2.15 (1.29-3.59) p =0.003
Insomnia in AIS	OR: 1.06 (0.49-2.3) p =0.89	OR: 1.89 (1.08-3.29) p =0.025	OR: 3.86 (2.52-5.9) p <0.001	OR: 2.13 (1.37-3.34) p =0.001	---	OR: 2.93 (1.94-4.42) p <0.001	OR: 2.38 (1.56-3.55) p <0.001	OR: 2.06 (1.28-3.31) p =0.003
Frailty in CFS	OR: 32.17 (7.52-137.7) p <0.001	OR: 59.94 (18.31-196.25) p <0.001	OR: 6.22 (3.99-9.7) p <0.001	OR: 3.84 (2.43-6.08) p <0.001	OR: 2.93 (1.94-4.42) p <0.001	---	OR: 15.38 (9.44-25.04) p <0.001	OR: 13.72 (7.7-24.46) p <0.001
Risk of falls in TT	OR: 2.2 (1.02-4.76) p =0.045	OR: 6.13 (3.31-11.34) p <0.001	OR: 3.53 (2.31-5.39) p <0.001	OR: 1.62 (1.03-2.53) p =0.036	OR: 2.38 (1.56-3.55) p <0.001	OR: 15.38 (9.44-25.04) p <0.001	---	OR: 4.7 (2.85-7.76) p <0.001
Cognitive impairment in MMSE	OR: 19.82 (7.73-50.81) p <0.001	OR: 14.54 (7.76-27.24) p <0.001	OR: 4.73 (2.88-7.77) p <0.001	OR: 2.15 (1.29-3.59) p =0.003	OR: 2.06 (1.28-3.31) p =0.003	OR: 13.72 (7.7-24.46) p <0.001	OR: 4.7 (2.85-7.76) p <0.001	---

Results are presented as odds ratio (OR) with a 95 % confidence interval in brackets and statistical significance in p value. ADL: Activities of Daily Living, IADL: Instrumental Activities of Daily Living, MMSE: Mini-Mental State Examination, GDS: Geriatric Depression Scale, TT: Timed Up and Go Test, MNA: Mini Nutritional Assessment Short Form, CFS: Clinical Frailty Scale, AIS: Athens Insomnia Scale.