

Additional file 1. General and care environment characteristics by each institution

Variables	Long-term care facilities												
	A	B	C	D	E	F	G	H	I	J	K	L	M
	Value or Mean±SD												
General characteristics													
Location	Urban	Urban	Urban	Urban	Urban	Urban	Urban	Urban	Rural	Rural	Rural	Rural	Rural
Accreditation grade	A	A	A	A	A	A	A	B	A	C	B	B	A
Operating period (years)	12	14	8	14	14	9	14	14	9	7	14	14	12
Number of beds	36	27	56	141	87	35	49	27	44	26	93	53	26
Number of study participants	20	15	23	55	28	21	15	13	20	15	21	19	15
Care environment characteristics													
Person-centered climate (PCQ-S)	4.90±0.40	5.20±0.64	5.19±0.57	5.04±0.58	5.05±0.63	5.34±0.63	4.72±0.46	5.64±0.49	4.69±0.87	5.33±0.62	5.25±0.55	5.33±0.60	4.51±0.67
Staffing level (Resident-to-personal care worker ratio)	2.12	2.08	2.43	2.20	2.12	2.06	2.13	2.45	2.44	2.36	2.27	2.41	2.36
Effective staff relationships	4.50±0.61	4.67±0.49	4.39±0.66	4.15±0.59	4.11±0.88	4.57±0.60	4.13±0.35	4.69±0.63	3.85±0.75	4.00±0.85	4.33±0.48	4.42±0.61	4.00±0.54
Supportive supervisors	4.35±0.49	4.47±0.52	4.09±0.95	3.96±0.77	4.39±0.96	4.76±0.54	3.93±0.59	4.69±0.63	3.75±0.85	4.13±0.74	4.29±0.64	4.37±0.68	3.87±0.52
Power-sharing	3.70±0.66	4.00±0.66	3.61±1.08	3.42±0.96	3.57±0.84	4.05±0.87	3.07±1.03	4.62±0.87	3.20±0.95	3.60±1.18	4.19±0.75	4.05±0.91	3.60±0.51

PCQ-S Person-centered Climate Questionnaire-staff version, SD standard deviation

Accreditation grade A means superior, B means excellent, and C means good.