

Supplementary Table 5. Association factors in KDQOL with gait speed in linear regression analysis

Variable	Unadjusted		Age- and sex-adjusted		Age-, sex-, DM-, and eGFR-adjusted	
	Beta (95% CI)	p-value	Beta (95% CI)	p-value	Beta (95% CI)	p-value
OHR	0.20 (-0.08 to 0.47)	0.17	0.14 (-0.14 to 0.41)	0.33	0.12 (-0.16 to 0.40)	0.41
Physical component scale	0.58 (0.35 to 0.80)	<0.001	0.52 (0.29 to 0.76)	<0.001	0.51 (0.27 to 0.74)	<0.001
Physical functioning	0.67 (0.48 to 0.86)	<0.001	0.64 (0.43 to 0.85)	<0.001	0.63 (0.41 to 0.84)	<0.001
RP	0.25 (0.13 to 0.37)	<0.001	0.22 (0.10 to 0.34)	0.001	0.22 (0.09 to 0.34)	0.001
Bodily pain	0.30 (0.10 to 0.50)	0.004	0.25 (0.05 to 0.46)	0.02	0.24 (0.04 to 0.44)	0.02
General health	0.20 (-0.09 to 0.49)	0.18	0.21 (-0.08 to 0.50)	0.16	0.20 (-0.09 to 0.49)	0.17
Mental component scale	0.53 (0.29 to 0.76)	<0.001	0.47 (0.24 to 0.71)	<0.001	0.45 (0.21 to 0.69)	<0.001
Mental health	0.31 (0.01 to 0.62)	0.04	0.27 (-0.03 to 0.57)	0.08	0.23 (-0.088 to 0.54)	0.14
RE	0.23 (0.12 to 0.34)	<0.001	0.20 (0.08 to 0.32)	0.001	0.19 (0.07 to 0.31)	0.002
Vitality	0.41 (0.14 to 0.68)	0.004	0.39 (0.12 to 0.67)	0.005	0.40 (0.13 to 0.67)	0.004
Social functioning	0.40 (0.20 to 0.60)	<0.001	0.39 (0.19 to 0.58)	<0.001	0.36 (0.16 to 0.56)	0.001
KD burden	0.15 (-0.05 to 0.34)	0.15	0.10 (-0.11 to 0.30)	0.35	0.09 (-0.11 to 0.29)	0.37
KD effect	0.35 (0.05 to 0.64)	0.02	0.26 (-0.04 to 0.57)	0.09	0.26 (-0.04 to 0.56)	0.08
Symptoms/problems	0.39 (0.06 to 0.71)	0.02	0.33 (0.001 to 0.65)	0.049	0.33 (0.006 to 0.66)	0.046
Work status	0.35 (0.23 to 0.46)	<0.001	0.34 (0.21 to 0.47)	<0.001	0.32 (0.18 to 0.46)	<0.001
Cognitive function	0.45 (0.16 to 0.74)	0.003	0.38 (0.09 to 0.67)	0.01	0.37 (0.08 to 0.66)	0.01
QSI	0.44 (0.18 to 0.70)	0.001	0.39 (0.13 to 0.65)	0.004	0.37 (0.11 to 0.63)	0.006
Sexual function	0.18 (-0.13 to 0.49)	0.25	0.06 (-0.26 to 0.38)	0.69	0.06 (-0.26 to 0.37)	0.72
Sleep	0.18 (-0.10 to 0.46)	0.2	0.14 (-0.14 to 0.41)	0.34	0.13 (-0.14 to 0.41)	0.34
Social support	0.37 (0.15 to 0.59)	0.001	-0.46 (-0.90 to -0.02)	0.04	0.28 (0.06 to 0.50)	0.02
OHR in KD specific	0.36 (0.09 to 0.63)	0.009	0.33 (0.06 to 0.60)	0.02	0.35 (0.07 to 0.63)	0.02

CI, confidence interval; DM, diabetes mellitus; eGFR, estimated glomerular filtration rate; GS, gait speed; KD, kidney disease; KDOQL, Kidney Disease Quality of Life; RE, role limitation due to emotional problem; RP, role limitation due to physical health problems; OHR, overall health rating; QSI, quality of social interactions.