

Table 1 Multivariate analysis (linear regression) of gender associated with outcomes

Dependent variable	Independent variable	B	Standard error	Beta	P	R2	Adjusted-R2	Durbin-Watson
WOMAC pain score (range 0–50)	Gender	-1.272	2.95	0.084	0.331	0.046	0.005	1.378
WOMAC stiffness score (range 0–20)	Gender	-0.018	1.85	-0.004	0.929	0.003	-0.039	1.601
WOMAC joint function score (range 0–170)	Gender	-1.32	4.93	-0.12	0.704	0.015	-0.027	1.181
VAS score for pain on walking	Gender	-0.469	1.11	-0.186	0.401	0.038	-0.003	1.915
MCS score	Gender	5.636	9.71	0.223	0.001	0.277	0.247	1.436
PCS score	Gender	-1.277	7.44	-0.007	0.867	0.006	-0.036	1.946
BDI score	Gender	-1.219	3.39	-0.142	0.002	0.237	0.205	1.286
PSS score	Gender	0.702	2.62	0.114	0.04	0.114	0.076	1.833
BBS score	Gender	-1.325	3.17	-0.185	0.38	0.04	0.001	0.813
Stride velocity(m/s)	Gender	-0.086	0.11	-0.319	0.09	0.096	0.058	1.47
Stride length(m)	Gender	-0.023	0.052	-0.194	0.315	0.048	0.007	1.82
Stance phase time(s)	Gender	0.027	0.09	0.131	0.593	0.022	-0.02	2.087
Swing phase time(s)	Gender	0.009	0.83	0.048	0.668	0.017	-0.025	2.159