

Table 4 Multiple logistic regression of diabetes-related distress (total score)

Variable		All sample (Model 1)			Male (Model 2)			Female (Model 3)		
		Crude OR (95% CI)	Adjusted OR (95% CI)	P-value	Crude OR (95% CI)	Adjusted OR (95% CI)	P-value	Crude OR (95% CI)	Adjusted OR (95% CI)	P-value
Regular physical activity	Yes	0.46 (0.22–0.96)	0.43 (0.19–0.97)	0.04*	0.56 (0.14–2.18)	0.60 (0.11–3.23)	0.55	0.42 (0.17–1.03)	0.43 (0.17–1.13)	0.09
	No	Ref	Ref		Ref	Ref		Ref	Ref	
Treatment adherence	Yes	0.21 (0.08–0.55)	0.23 (0.08–0.65)	0.006*	0.42 (0.07–2.37)	0.37 (0.04–3.65)	0.40	0.15 (0.05–0.48)	0.17 (0.05–0.60)	0.005*
	No	Ref	Ref		Ref	Ref		Ref	Ref	
Diabetic foot	Yes	5.03 (1.82–13.89)	6 (1.95–18.45)	0.002*	11.67 (2.31–58.80)	23.14 (3.37–159.02)	0.001*	2.89 (0.71–11.78)	2.37 (0.47–11.86)	0.30
	No	Ref	Ref		Ref	Ref		Ref	Ref	
HbA1c (per unit increase)			1.22 (0.98–1.51)	0.07		1.60 (1.06–2.40)	0.02*		1.10 (0.81–1.44)	0.60

*Significant, OR = odds ratio, CI = confidence interval