

Table 5 Multiple logistic regression of diabetes-related distress (subscales)

		Emotional burden (Model 1)			Physician-related distress (Model 2)			Regimen-related distress (Model 3)			Interpersonal distress (Model 4)		
		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	Crude OR (95 CI)	Adjusted OR (95 CI)	P-value
Income	More than enough	—	—	—	0.4 (0.11–1.45)	0.54 (0.14–2.07)	0.37	—	—	—	—	—	—
	Enough	—	—		0.34 (0.15–0.80)	0.4 (0.16–0.98)		—	—		—	—	
	Not enough	—	—		Ref	Ref	0.05*	—	—		—	—	
Regular physical activity	Yes	—	—	—	0.50 (0.25–0.98)	0.45 (0.22–0.92)	0.03*	—	—	—	—	—	—
	No	—	—		Ref	Ref		—	—		—	—	
Treatment adherence	Yes	0.30 (0.12–0.76)	0.25 (0.09–0.69)	0.008*	0.35 (0.14–0.93)	0.33 (0.12–0.94)	0.04*	4.39 (1.83–10.53)	4.13 (1.66–10.24)	0.002*	3.59 (1.29–10.05)	3.59 (1.29–10.05)	0.02*
	No	Ref	Ref		Ref	Ref		Ref	Ref		Ref	Ref	
HbA1c monitoring frequency	More than every 3 months	0.23 (0.05–0.98)	0.15 (0.03–0.73)	0.02*	—	—	—	—	—	—	—	—	—
	At least once every 3 months	Ref	Ref		—	—		—	—		—	—	
Glucose monitoring frequency	Once daily	0.66 (0.25–1.70)	0.58 (0.21–1.60)	0.29	—	—	—	0.52 (0.22–1.18)	0.57 (0.24–1.33)	0.19	—	—	—
	More than once daily	2.64 (1.22–5.71)	1.99 (0.85–4.64)		—	—		2.20 (1.010–4.42)	1.99 (0.94–4.2)		—	—	
	Not daily	Ref	Ref	0.11	—	—		Ref	Ref	0.07	—	—	
Diabetic foot	Yes	4.62 (1.73–12.31)	2.87 (0.9–9.03)	0.07	2.93 (1.04–8.24)	2.17 (0.69–6.79)	0.18	3.43 (1.32–8.87)	2.05 (0.67–6.27)	0.21	—	—	—
	No	Ref	Ref		Ref	Ref		Ref	Ref		—	—	
Cardiac complications	Yes	3.89 (1.69–8.94)	3.23 (1.26–8.33)	0.02*	2.35 (0.97–5.73)	2.61 (0.92–7.41)	0.07	—	—	—	—	—	—
	No	Ref	Ref		Ref	Ref		—	—		—	—	
Renal complications	Yes	—	—	—	—	—	—	2.99 (1.12–7.95)	1.91 (0.62–5.86)	0.26	—	—	—
	No	—	—		—	—		Ref	Ref		—	—	
Dyslipidaemia	Yes	—	—	—	0.39 (0.16–0.95)	0.33 (0.13–0.85)	0.02*	—	—	—	—	—	—
	No	—	—		Ref	Ref		—	—		—	—	

*Significant, OR = odds ratio, CI = confidence interval, Ref = reference category