

Table 3 Associations between diabetes-related distress subscales and disease-related characteristics (bivariate analysis) (Continued)

Disease-related characteristics		Diabetes related distress subscales									
		Emotional burden		Physician-related distress		Regimen-related distress		Interpersonal distress		Diabetes-related distress	
		N (%)		N (%)		N (%)		N (%)		N (%)	
		Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
Type of diabetes	Type 1	5 (14.7)	29 (85.3)	5 (14.7)	29 (85.3)	6 (17.6)	28 (82.4)	2 (5.9)	32 (94.1)	4 (11.8)	30 (88.2)
	Type 2	37 (15.7)	198 (84.3)	35 (14.9)	200 (85.1)	55 (23.4)	180 (76.6)	26 (11.1)	209 (88.9)	29 (12.3)	206 (87.7)
P-value		0.88		0.98		0.45		0.36		1	
Duration (years)	< 10 years	16 (13.9)	99 (86.1)	16 (13.9)	99 (86.1)	27 (23.5)	88 (76.5)	14 (12.2)	101 (87.8)	11 (9.6)	104 (90.4)
	10–19 years	11 (13.6)	70 (86.4)	14 (17.3)	67 (82.7)	16 (19.8)	65 (80.2)	9 (11.1)	72 (88.9)	9 (11.1)	72 (88.9)
	≥ 20 years	15 (20.5)	58 (79.5)	10 (13.7)	63 (86.3)	18 (24.7)	55 (75.3)	5 (6.8)	68 (93.2)	13 (17.8)	60 (82.2)
P-value		0.40		0.77		0.74		0.49		0.23	
Treatment adherence	No	8 (34.8)	15 (65.2)	7 (30.4)	16 (69.6)	12 (52.2)	11 (47.8)	6 (26.1)	17 (73.9)	8 (34.8)	15 (65.2)
	Yes	34 (13.8)	212 (86.2)	33 (13.4)	213 (86.6)	49 (19.9)	197 (80.1)	22 (8.9)	224 (91.1)	25 (10.2)	221 (89.8)
P-value		0.015*		0.03*		<0.001*		0.02*		0.003*	
Blood glucose self-monitoring frequency	Not daily	22 (13.8)	137 (86.2)	29 (18.2)	130 (81.8)	35 (22)	124 (78)	16 (10.1)	143 (89.9)	20 (12.6)	139 (87.4)
	Once daily	6 (9.5)	57 (90.5)	5 (7.9)	58 (92.1)	8 (12.7)	55 (87.3)	6 (9.5)	57 (90.5)	5 (7.9)	58 (92.1)
	More than once daily	14 (29.8)	33 (70.2)	6 (12.8)	41 (87.2)	18 (38.3)	29 (61.7)	6 (12.8)	41 (87.2)	8 (17)	39 (83)
P-value		0.009*		0.14		0.006*		0.84		0.35	
HbA1c monitoring frequency	at least once every 3 months	40 (17.7)	186 (82.3)	34 (15)	192 (85)	52 (23)	174 (77)	25 (11.1)	201 (88.9)	30 (13.3)	196 (86.7)
	more than every 3 months	2 (4.7)	41 (95.3)	6 (14)	37 (86)	9 (20.9)	34 (79.1)	3 (7)	40 (93)	3 (7)	40 (93)
P-value		0.03*		0.85		0.77		0.42		0.25	
Diabetes control	Controlled	10 (12.3)	71 (87.7)	13 (16)	68 (84)	16 (19.8)	65 (80.2)	10 (12.3)	71 (87.7)	9 (11.1)	72 (88.9)
	Uncontrolled	30 (17.3)	143 (82.7)	25 (14.5)	148 (85.5)	42 (24.3)	131 (75.7)	17 (9.8)	156 (90.2)	23 (13.3)	150 (86.7)
P-value		0.31		0.74		0.42		0.54		0.63	
HbA1c (Median, interquartile range)		7.5 (2.6)	7.1 (2)	7.2 (2.88)	7.2 (2.1)	7.2 (2.15)	7.2 (2.1)	7.1 (3.1)	7.2 (2.1)	7.55 (2.9)	7.1 (2.02)
P-value		0.14		0.44		0.41		0.42		0.05	
Neurological complications	No	42 (16.5)	212 (83.5)	40 (15.7)	214 (84.3)	60 (23.6)	194 (76.4)	28 (11)	226 (89)	33 (13)	221 (87)
	Yes	0	15 (100)	0	15 (100)	1 (6.7)	14 (93.3)	0	15 (100)	0	15 (100)
P-value		0.14		0.14		0.20		0.38		0.23	
Visual complications	No	18 (15.5)	98 (84.5)	19 (16.4)	97 (83.6)	24 (20.7)	92 (79.3)	14 (12.1)	102 (87.9)	14 (12.1)	102 (87.9)
	Yes	24 (15.7)	129 (84.3)	21 (13.7)	132 (86.3)	37 (24.2)	116 (75.8)	14 (9.2)	139 (90.8)	19 (12.4)	134 (87.6)
P-value		0.97		0.55		0.50		0.44		0.93	
Renal complications	No	38 (15.1)	213 (84.9)	37 (14.7)	214 (85.3)	53 (21.1)	198 (78.9)	26 (10.4)	225 (89.6)	30 (12)	223 (88)
	Yes	4 (22.2)	14 (77.8)	3 (16.7)	15 (83.3)	8 (44.4)	10 (55.6)	2 (11.1)	16 (88.9)	3 (16.7)	15 (83.3)
P-value		0.42		0.82		0.04*		1		0.56	
Diabetic foot	No	34 (13.6)	216 (86.4)	34 (13.6)	216 (86.4)	52 (20.8)	198 (79.2)	24 (9.6)	226 (90.4)	26 (10.4)	224 (89.6)
	Yes	8 (42.1)	11 (57.9)	6 (31.6)	13 (68.4)	9 (47.4)	10 (52.6)	4 (21.1)	15 (78.9)	7 (36.8)	12 (63.2)
P-value		0.004*		0.04*		0.02*		0.12		0.004*	

Table 3 Associations between diabetes-related distress subscales and disease-related characteristics (bivariate analysis) (Concluded)

Disease-related characteristics		Diabetes related distress subscales									
		Emotional burden		Physician-related distress		Regimen-related distress		Interpersonal distress		Diabetes-related distress	
		N (%)		N (%)		N (%)		N (%)		N (%)	
		Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
Cardiac complications	No	31 (13)	208 (87)	32 (13.4)	207 (86.6)	51 (21.3)	188 (78.7)	24 (10)	215 (90)	27 (11.3)	212 (88.7)
	Yes	11 (36.7)	19 (63.3)	8 (26.7)	22 (73.3)	10 (33.3)	20 (66.7)	4 (13.3)	26 (86.7)	6 (20)	24 (80)
P-value		0.002*		0.1		0.14		0.53		0.23	
Dyslipidaemia	Normal lipid profile	4 (14.3)	24 (85.7)	8 (28.6)	20 (71.4)	6 (21.4)	22 (78.6)	3 (10.7)	25 (89.3)	5 (17.9)	23 (82.1)
	Abnormal lipid profile	37 (15.5)	202 (84.5)	32 (13.4)	207 (86.6)	55 (23)	184 (77)	25 (10.5)	214 (89.5)	28 (11.7)	211 (88.3)
P-value		1		0.04*		0.85		1		0.36	
Hypertension	Normotensive	30 (16.8)	149 (83.2)	27 (15.1)	152 (84.9)	39 (21.8)	140 (78.2)	19 (10.6)	160 (89.4)	22 (12.3)	157 (87.7)
	Hypertensive	11 (12.5)	77 (87.5)	12 (13.6)	76 (86.4)	21 (23.9)	67 (76.1)	8 (9.1)	80 (90.9)	10 (11.4)	78 (88.6)
P-value		0.36		0.75		0.70		0.70		0.84	

*Significant, HbA1c: haemoglobin A1c, P-value obtained using the chi-square test (at 95% significance level) and independent t-test.