

Supplementary Table 4. Quality of life according to DN in the propensity-score-matched set

Variable	Total (n = 478)	DN (n = 239)	Non-DN (n = 239)	p-value ^a
Baseline				
KDQOL-SF				
Symptoms/problem lists	83.5 ± 14.2	83.8 ± 13.3	83.2 ± 15.0	0.65
Work status	52.9 ± 39.6	50.7 ± 40.3	55.0 ± 38.8	0.23
Sexual function	34.4 ± 41.5	31.8 ± 40.3	37.0 ± 42.5	0.17
Physician encouragement	82.5 ± 19.2	81.6 ± 19.7	83.4 ± 18.7	0.33
Effects of kidney disease	84.0 ± 15.6	83.5 ± 15.9	84.4 ± 15.4	0.54
Cognitive function	86.7 ± 15.1	86.6 ± 14.8	86.9 ± 15.4	0.78
Sleep	70.6 ± 17.9	70.3 ± 17.3	70.9 ± 18.4	0.69
Patient satisfaction	62.2 ± 21.9	59.9 ± 23.2	64.5 ± 20.4	0.02*
Burden of kidney disease	61.2 ± 28.4	61.6 ± 27.0	60.8 ± 29.8	0.74
Quality of social interaction	72.8 ± 16.9	72.3 ± 16.3	73.3 ± 17.5	0.52
Social support	67.7 ± 25.0	67.5 ± 24.1	67.9 ± 25.9	0.89
SF-36				
Physical function	80.8 ± 18.9	80.3 ± 18.9	81.2 ± 18.9	0.62
Role-physical	70.6 ± 38.8	71.1 ± 38.3	70.0 ± 39.4	0.75
Bodily pain	79.4 ± 23.5	78.4 ± 22.9	80.3 ± 24.1	0.38
General health	37.2 ± 20.6	35.3 ± 19.0	39.1 ± 22.0	0.04*
Emotional well-being	61.5 ± 18.6	60.2 ± 18.5	62.8 ± 18.7	0.14
Role-emotional	71.6 ± 40.7	71.4 ± 40.7	71.7 ± 40.8	0.94
Social function	81.4 ± 22.4	81.3 ± 22.9	81.4 ± 21.9	0.97
Energy/fatigue	47.9 ± 19.2	46.2 ± 17.9	49.6 ± 20.2	0.06
KDCS	69.0 ± 12.9	68.2 ± 12.8	69.8 ± 13.1	0.18
PCS	67.0 ± 20.3	66.3 ± 19.7	67.6 ± 21.0	0.47
MCS	65.6 ± 20.2	64.8 ± 20.4	66.4 ± 20.1	0.4
Follow-up				
KDQOL-SF				
Symptoms/problem lists	82.3 ± 15.5	83.1 ± 14.9	81.6 ± 16.0	0.48
Work status	48.2 ± 41.0	43.0 ± 40.2	52.5 ± 41.3	0.09
Sexual function	24.2 ± 37.6	20.3 ± 34.6	27.4 ± 39.7	0.16
Physician encouragement	86.7 ± 18.6	88.8 ± 14.9	84.9 ± 21.0	0.11
Effects of kidney disease	81.6 ± 16.2	81.2 ± 15.5	82.0 ± 16.8	0.72
Cognitive function	87.3 ± 16.4	87.6 ± 17.1	87.0 ± 15.8	0.77
Sleep	70.7 ± 18.1	69.3 ± 19.0	71.9 ± 17.2	0.3
Patient satisfaction	65.5 ± 22.7	65.2 ± 21.9	65.8 ± 23.4	0.84
Burden of kidney disease	51.0 ± 31.1	51.3 ± 30.1	50.8 ± 32.0	0.91
Quality of social interaction	73.4 ± 17.2	72.8 ± 18.3	74.0 ± 16.4	0.61
Social support	73.2 ± 24.3	72.5 ± 24.3	73.8 ± 24.4	0.71
SF-36				
Physical function	78.2 ± 22.2	78.0 ± 23.0	78.3 ± 21.7	0.93
Role-physical	64.4 ± 41.7	62.0 ± 42.9	66.3 ± 40.8	0.45
Bodily pain	74.8 ± 26.5	75.5 ± 28.2	74.3 ± 25.1	0.74
General health	41.0 ± 20.8	40.0 ± 20.4	41.8 ± 21.1	0.52
Emotional well-being	63.3 ± 17.9	63.5 ± 18.1	63.1 ± 17.7	0.87
Role-emotional	68.8 ± 42.6	67.7 ± 43	69.7 ± 42.4	0.73
Social function	76.9 ± 24.9	76.4 ± 25.8	77.3 ± 24.3	0.79
Energy/fatigue	50.0 ± 18.4	51.4 ± 19.7	48.9 ± 17.3	0.31
KDCS	67.6 ± 13.5	66.8 ± 12.7	68.3 ± 14.1	0.42
PCS	64.6 ± 22.2	63.9 ± 23.1	65.2 ± 21.4	0.67
MCS	64.8 ± 21.2	64.8 ± 22.0	64.8 ± 20.6	>0.99

Data are expressed as mean ± standard deviation.

DN, diabetic nephropathy; KDQOL-SF, Kidney Disease Quality of Life Instrument-Short Form; KDCS, kidney disease component summary; MCS, mental component summary; PCS, physical component summary; SF-36, Medical Outcome Study Short Form-36 Health Survey.

^aCalculated using Student t test or the Mann-Whitney U test. *p < 0.05.