

**Appendix 1.** Overview of the characteristics of the study population per country (n = 1984).

	<b>Belgium</b>	<b>France</b>	<b>Germany</b>	<b>Ireland</b>	<b>Italy</b>	<b>NL</b>	<b>Sweden</b>	<b>UK</b>
n total	199	176	364	189	384	166	206	300
Sex: male, n (%)	89 (44.7)	104 (59.1)	169 (46.4)	114 (60.3)	202 (52.6)	96 (57.8)	123 (59.7)	173 (57.7)
Age, mean (SD)	69.5 ±11.5	67.8 ±11.1	68.3 ±9.4	64.1 ±11.8	68.9 ±9.1	66.9 ±10.7	67.7 ±10.9	61.0 ±11.9
Treated in primary care, n (%)	189 (95.0)	162 (92.0)	288 (79.1)	31 (16.4)	15 (3.9)	166 (100)	206 (100)	145 (48.3)
Diabetes duration in years, median (IQR)	12 (11)	12 (11)	12 (10)	10 (10)	16 (11)	9 (7)	14 (11)	11 (9)
Microvascular complications present, n (%)	81 (40.7)	76 (43.2)	184 (50.5)	49 (25.9)	181 (47.1)	40 (24.1)	100 (48.5)	154 (51.3)
Macrovascular complications present, n (%)	104 (52.3)	72 (40.9)	196 (53.8)	67 (35.4)	170 (44.3)	57 (34.3)	65 (31.6)	98 (32.7)
Current smoker, n (%)	32 (16.1)	19 (10.8)	36 (9.9)	22 (11.6)	47 (12.2)	26 (15.7)	30 (14.6)	50 (16.7)
Diabetes education received, n (%)	164 (82.4)	125 (71.0)	319 (87.6)	171 (90.5)	145 (37.8)	156 (94.0)	174 (84.5)	244 (81.3)
Treated for depression, n (%)	38 (19.4)	19 (11.0)	17 (4.7)	18 (11.0)	23 (6.1)	Unknown	11 (5.3)	53 (18.3)
EQ-5D-VAS, mean (SD)	66 ±19	64 ±19	66 ±18	68 ±20	62 ±19	71 ±21	69 ±21	63 ±23
DTSQ total score, mean (SD)	27.41 ±6.66	25.93 ±6.57	29.32 ±6.38	29.15 ±6.72	27.62 ±6.22	30.11 ±5.09	29.19 ±5.60	29.07 ±7.47
DTSQ 2, mean (SD)	2.5 ±2.0	2.2 ±1.7	2.6 ±1.7	3.3 ±1.8	2.6 ±1.9	2.5 ±1.8	2.2 ±1.8	3.0 ±1.8
DTSQ 3, mean (SD)	1.8 ±2.1	1.7 ±2.1	1.5 ±1.5	1.4 ±1.5	1.3 ±1.4	2.0 ±1.7	1.2 ±1.3	1.8 ±1.7
Injection frequency, median (IQR)	2 (1)	1 (1)	3 (2)	2 (3)	3 (2)	2 (2)	2 (3)	2 (2)
Insulin regimen, n (%)								
Basal	43 (21.6)	113 (64.2)	61 (16.8)	70 (37.0)	92 (24.0)	74 (44.6)	90 (43.7)	60 (20.0)
Mix twice daily	65 (32.7)	9 (5.1)	53 (14.6)	51 (27.0)	6 (1.6)	35 (21.1)	42 (20.4)	85 (28.3)
Basal-prandial	44 (22.1)	40 (22.7)	155 (42.6)	51 (27.0)	201 (52.3)	42 (25.3)	55 (26.7)	121 (40.3)
Other	47 (23.6)	14 8(0)	95 (26.1)	17 (9.0)	85 (22.1)	15 (9.0)	19 (9.2)	34 (11.3)
BMI in kg/m <sup>2</sup> , mean (SD)	29.8 ±5.5	30.4 ±6.0	31.7 ±5.8	32.2 ±6.7	30.0 ±5.1	30.1 ±5.9	30.1 ±5.1	34.0 ±6.9
SBP in mmHg, mean (SD)	133 ±16	136 ±16	141 ±16	137 ±17	137 ±19	138 ±17	136 ±16	137 ±16
HbA1c in %, mean (SD)	7.5 ±1.1	7.6 ±1.2	7.7 ±1.1	8.3 ±1.9	8.1 ±1.4	7.4 ±0.9	7.7 ±1.2	8.4 ±1.5
FPG in mmol/l, mean ±SD	8.0 ±3.0	7.1 ±2.9	8.2 ±3.1	9.3 ±7.5	9.1 ±3.0	7.8 ±2.2	8.5 ±3.1	9.2 ±4.9
TC in mmol/l, mean ±SD	4.5 ±1.0	4.6 ±1.1	5.3 ±1.4	4.0 ±1.0	4.8 ±1.2	4.3 ±0.9	4.6 ±1.2	4.2 ±1.2
LDL in mmol/l, mean ±SD	2.4 ±0.8	2.5 ±0.9	3.0 ±1.0	2.0 ±0.8	2.8 ±1.1	2.4 ±0.8	2.5 ±0.9	2.2 ±0.9

\*DTSQ 2: perceived hyperglycaemia; DTSQ 3: perceived hypoglycaemia

Abbreviations: EQ-5D-VAS = EuroQol five dimensions questionnaire visual analogue scale; DTSQ = diabetes treatment satisfaction questionnaire; BMI = body mass index; SBP = systolic blood pressure; HbA1c = glycated haemoglobin; FPG = fasting plasma glucose; LDL = low-density lipoprotein