**S7 Table.** Baseline characteristics of patients with type 2 diabetes, stratified by the status of loss to follow-up (yes/no) defined as lack of data in the public healthcare system one year before censoring or death, and before propensity score-matching.

|  | **Yes** | **No**  |
| --- | --- | --- |
| Number | 1257  | 15,366  |
| Observation period\* (years) | 6.4 (4.6-7.8) | 5.9 (4.2-7.0) |
| Age (years) | 55.9±12.2 | 60.6±11.4 |
| Diabetes duration\* (years) | 4.0 (1.0-9.0) | 8.0 (2.0-14.0) |
| Age of diagnosis (years) | 51.3±11.0 | 52.1±11.1 |
| Men, n (%) | 804 (64.0%)  | 8266 (53.8%)  |
| Former/current smoker, n (%) | 387 (30.8%)  | 4947 (32.2%)  |
| At least college education, n (%) | 312 (32.6%)  | 1576 (18.2%)  |
| **JADE risk level, n (%)** |
| 1-2† | 252 (20.0%)  | 1685 (11.0%)  |
| 3 | 836 (66.5%)  | 10,178 (66.2%)  |
| 4 | 169 (13.4%)  | 3501 (22.8%)  |
| **Past medical history, n (%)** |
| Coronary heart disease | 119 (9.5%)  | 2026 (13.2%)  |
| Peripheral vascular disease | 21 (1.7%)  | 620 (4.0%)  |
| Stroke | 54 (4.3%)  | 1369 (8.9%)  |
| Heart failure | 17 (1.4%)  | 596 (3.9%)  |
| Chronic kidney disease | 98 (7.8%)  | 3114 (20.3%)  |
| End-stage renal disease | 4 (0.3%)  | 261 (1.7%)  |
| Sensory neuropathy | 47 (3.7%)  | 919 (6.0%)  |
| Diabetic retinopathy | 240 (19.2%)  | 4242 (27.6%)  |
| All-site cancer | 45 (3.6%)  | 948 (6.2%)  |
| **Clinical assessment** |
| Waist circumference (men; cm) | 91.8±10.1 | 91.9±10.8 |
| Waist circumference (women; cm) | 86.0±10.4 | 87.3±11.2 |
| Systolic blood pressure (mmHg) | 131.0±17.3 | 136.0±18.9 |
| Diastolic blood pressure (mmHg) | 78.3±10.1 | 78.2±10.7 |
| **Biochemical assessment** |
| HbA1c (%) | 7.37±1.59 | 7.61±1.58 |
| HbA1c (mmol/mol) | 57.0±17.4 | 60.0±17.3 |
| Triglyceride\* (mmol/L) | 1.3 (0.9-1.9) | 1.3 (0.9-1.9) |
| HDL-cholesterol (mmol/L) | 1.29±0.35 | 1.31±0.37 |
| LDL-cholesterol (mmol/L) | 2.60±0.87 | 2.59±0.89 |
| Urinary albumin:creatinine ratio\* (mg/mmol) | 1.0 (0.5-3.6) | 2.0 (0.7-9.6) |
| Estimated glomerular filtration rate (ml/min/1.73m2) | 88.1±19.6 | 79.5±24.0 |
| **Treatment targets attainment at baseline, n (%)** |
| HbA1c<7% (53 mmol/mol) | 659 (52.5%)  | 6238 (40.7%)  |
| Blood pressure<130/80 mmHg | 530 (42.2%)  | 5048 (32.9%)  |
| LDL-cholesterol<2.6 mmol/L | 619 (50.4%)  | 7919 (52.5%)  |
| At least 2 treatment targets attained | 596 (47.4%)  | 5741 (37.4%)  |
| **Medication usage at baseline, n (%)** |
| Insulin  | 122 (9.7%)  | 4030 (26.2%)  |
| Oral glucose-lowering agents  | 979 (77.9%)  | 13,056 (85.0%)  |
| RASi | 460 (36.6%)  | 7508 (48.9%)  |
| Statins | 466 (37.1%)  | 6977 (45.4%)  |
| **Self-care activity in last three months, n (%)** |
| SMBG at least weekly | 563 (48.7%)  | 7421 (52.2%)  |
| Physical activity at least three times/week | 537 (42.8%)  | 7252 (47.4%)  |
| Adherence to balanced diet | 1096 (87.3%)  | 13,807 (90.1%)  |
| At least 2 self-care activities | 771 (61.3%)  | 10,276 (66.9%)  |
| **Distribution in groups, n (%)** |
| Non-JADE  | 114 (9.1%) | 3471 (22.6%) |
| JADE  | 352 (28.0%) | 9253 (60.2%) |
| JADE-P  | 791 (62.9%) | 2642 (17.2%) |

Footnotes: Data are expressed in mean±standard deviation, median (interquartile range)\*, and number (percentages), as appropriate. †We combined JADE risk levels 1 and 2 due to small sample size. HDL-cholesterol, high-density lipoprotein cholesterol; LDL-cholesterol, low-density lipoprotein cholesterol; NA, not applicable; RAS, renin-angiotensin system; SMBG, self-monitoring of blood glucose. SI conversion factors: To convert LDL-cholesterol and HDL-cholesterol to mg/dL, multiply by 38.67. To convert triglyceride to mg/dL, multiply by 88.57.