

SUPPLEMENTARY TABLE 1. Changes in UACR After Dapagliflozin Treatment Stratified by Baseline eGFR Categories.

eGFR categories	Baseline UACR (mg/g)	UACR after treatment (mg/g)	UACR improvement (%)	Responders n (%)
< 60 mL/min/1.73 m ² (n = 360)	329.38 ± 73.42	275.49 ± 70.57	16.36 ± 9.82	144 (40.00%)
60 to < 90 mL/min/1.73 m ² (n = 4,689)	296.36 ± 57.68	171.53 ± 45.10	42.12 ± 34.73	3014 (64.28%)
≥ 90 mL/min/1.73 m ² (n = 5,811)	271.53 ± 87.33	190.42 ± 80.03	29.87 ± 18.14	3215 (55.33%)

UACR, urinary albumin-creatinine ratio; eGFR, estimated glomerular filtration rate.

SUPPLEMENTARY TABLE 2. Stratified Sensitivity Analysis by Baseline UACR.

Parameters	Stratum	OR value	95% CI	p value
Sex (men vs. women)	Low UACR	1.080	(0.925, 1.261)	0.237
	High UACR	1.145	(0.987, 1.315)	0.155
Age (years)	Low UACR	1.003	(0.992, 1.007)	0.165
	High UACR	1.008	(0.995, 1.060)	0.237
BMI (kg/m ²)	Low UACR	1.004	(0.933, 1.080)	0.923
	High UACR	0.983	(0.914, 1.057)	0.638
Duration of T2DM (years)	Low UACR	0.979	(0.962, 0.990)	<0.001
	High UACR	0.984	(0.976, 0.994)	0.001
Family history of T2DM (yes/no)	Low UACR	0.905	(0.745, 1.099)	0.318
	High UACR	0.848	(0.698, 1.030)	0.198
Smoking history (yes/no)	Low UACR	0.967	(0.800, 1.169)	0.732
	High UACR	0.933	(0.765, 1.118)	0.421
Drinking history (yes/no)	Low UACR	1.137	(0.918, 1.402)	0.244
	High UACR	1.089	(0.874, 1.335)	0.483
HbA1c (%)	Low UACR	0.970	(0.947, 0.995)	0.011
	High UACR	0.962	(0.939, 0.985)	0.002
FPG (mmol/L)	Low UACR	0.985	(0.940, 1.088)	0.553
	High UACR	0.966	(0.928, 1.023)	0.389
SBP (mmHg)	Low UACR	0.997	(0.992, 0.999)	0.006
	High UACR	0.992	(0.990, 0.998)	0.001
DBP (mmHg)	Low UACR	0.990	(0.962, 1.020)	0.107
	High UACR	0.999	(0.990, 1.023)	0.160
eGFR (mL/min/1.73 m ²)	Low UACR	0.989	(0.971, 1.011)	0.115
	High UACR	0.981	(0.965, 1.015)	0.190
UACR (mg/g)	Low UACR	1.001	(1.001, 1.002)	< 0.001
	High UACR	1.000	(1.000, 1.001)	< 0.001
OADs (yes/no)	Low UACR	1.864	(0.408, 3.124)	0.352
	High UACR	2.048	(0.270, 4.901)	0.478
OADs + insulin (yes/no)	Low UACR	0.907	(0.598, 1.376)	0.650
	High UACR	0.918	(0.619, 1.422)	0.768
ACEI/ARB (yes/no)	Low UACR	0.971	(0.942, 1.024)	0.331
	High UACR	0.984	(0.962, 1.016)	0.268
Diuretic (yes/no)	Low UACR	0.962	(0.819, 1.120)	0.324
	High UACR	0.935	(0.782, 1.079)	0.300
OADs + injectable non-insulin glucose-lowering agents (yes/no)	Low UACR	0.965	(0.827, 1.122)	0.589
	High UACR	0.942	(0.827, 1.073)	0.374

BMI, body mass index; T2DM, type 2 diabetes mellitus; HbA1c, hemoglobin A1c; FPG, fasting plasma glucose; SBP, systolic blood pressure; DBP, diastolic blood pressure; eGFR, estimated glomerular filtration rate; UACR, urinary albumin-creatinine ratio; OADs, oral antidiabetic drugs; CI, confidence interval; OR, odds ratio; ACEI/ARB, angiotensin-converting enzyme inhibitors/angiotensin II receptor blockers. Low UACR: UACR ≤ 116mg/g (n = 5,520); High UACR: UACR > 116mg/g (n = 5,340).

SUPPLEMENTARY TABLE 3. Linear relationship between Associated Factors and UACR Improvement Rate.

Parameters	β value	95% CI	p value
Duration of T2DM (years)	−0.005	(−0.007, −0.003)	< 0.001
HbA1c (%)	−0.009	(−0.015, −0.003)	0.004
SBP (mmHg)	−0.002	(−0.003, −0.001)	< 0.001
UACR (mg/g)	0.000	(0.000, 0.000)	< 0.001

T2DM, type 2 diabetes mellitus; HbA1c, hemoglobin A1c; SBP, systolic blood pressure; UACR, urinary albumin-creatinine ratio; CI, confidence interval.