

**Supplemental Table S2.** Incidence Rate and Risk of Hip Fracture According to DKD Phenotype (Sensitivity Analysis 1: PU 2+ and GFR 60 as Criteria for PU and GFR, Respectively)

Variable	PU <sup>-</sup> GFR <sup>-</sup> (n=1,226,571)	PU <sup>+</sup> GFR <sup>-</sup> (n=27,734)	PU <sup>-</sup> GFR <sup>+</sup> (n=170,672)	PU <sup>+</sup> GFR <sup>+</sup> (n=12,416)
Hip fracture cases	15,668	535	5,155	467
Hip fracture IR, /1,000 PYs	1.76	2.81	4.36	6.09
Model 1	1 (reference)	1.62 (1.49–1.77)	2.49 (2.41–2.57)	3.59 (3.27–3.93)
Model 2	1 (reference)	1.75 (1.61–1.91)	1.26 (1.22–1.30)	2.45 (2.23–2.68)
Model 3	1 (reference)	1.73 (1.59–1.88)	1.25 (1.21–1.29)	2.43 (2.22–2.66)
Model 4	1 (reference)	1.76 (1.62–1.92)	1.28 (1.24–1.32)	2.48 (2.26–2.72)
Model 5	1 (reference)	1.57 (1.44–1.71)	1.20 (1.16–1.24)	2.01 (1.83–2.21)

Values are expressed as number (%) or hazard ratio (95% confidence interval). Model 1: unadjusted; Model 2: adjusted for age and sex; Model 3: Model 2+smoking, alcohol, exercise, and income; Model 4: Model 3+hypertension, dyslipidemia, and body mass index; Model 5: Model 4+stroke, proliferative diabetic retinopathy, insulin, sulfonylurea, and thiazolidinedione, renin-angiotensin system inhibitor, and duration of diabetes ( $\geq 5$  or  $< 5$  years).

DKD, diabetic kidney disease; PU, proteinuria; PU<sup>-</sup>GFR<sup>-</sup>, no DKD; PU<sup>+</sup>GFR<sup>-</sup>, proteinuric DKD with normal estimated glomerular filtration rate (eGFR); PU<sup>-</sup>GFR<sup>+</sup>, non-proteinuric DKD with reduced eGFR; PU<sup>+</sup>GFR<sup>+</sup>, proteinuric DKD with reduced eGFR; IR, incidence rate; PYs, person-years.