

**Supplementary Table 7. The AAPC of common SGD**

Cohort	Range	Lower endpoint	Upper endpoint	AAPC	Lower CI	Upper CI	Test statistic~	p-value~
HSPN - 0 joinpoints	Full range	2005	2020	-8.8 <sup>a</sup>	-10.6	-7	-10.1	<0.1
LN - 0 joinpoints	Full range	2005	2020	-3.1 <sup>a</sup>	-5	-1.1	-3.3	<0.1
DN - 0 joinpoints	Full range	2005	2020	20.0 <sup>a</sup>	16.4	23.7	12.9	<0.1
HTN - 1 joinpoint	Full range	2005	2020	10.4	-4.9	28.2	1.3	<0.1
HBVN - 1 joinpoint	Full range	2005	2020	-9.4 <sup>a</sup>	-15.8	-2.6	-2.7	<0.1

AAPC, average annual percent change; CI, confidence interval; DN, diabetic nephropathy; HBVN, hepatitis B associated nephropathy; HSPN, Henoch-Schönlein purpura nephritis; HTN, hypertensive nephropathy; LN, systemic lupus erythematosus nephritis; SGD, secondary glomerular disease.

<sup>a</sup>AAPC is significantly different from zero at the alpha = 0.05 level.

~If AAPC is within one segment, the t-distribution is used. Otherwise, the normal (z) distribution is used.