

Supplementary Table S2. Association of comorbidity with RCC subtype stratified by race and ethnicity and by sex.

A. Papillary vs Clear Cell RCC

	OR and 95%CI						
	By race and ethnicity				By sex		
	Asian PI	Latino	NH Black	NH White	Male	Female	
ESRD vs No kidney disease and no HTN	2.88 (1.65-5.01)	2.77 (1.95-3.94)	1.79 (1.31-2.46)	2.67 (2.14-3.33)	2.38 (2.00-2.84)	2.34 (1.72-3.19)	
CKD, not end-stage vs No kidney disease and no HTN	1.40 (0.80-2.46)	1.48 (1.03-2.12)	1.46 (1.07-2.00)	1.56 (1.33-1.83)	1.55 (1.34-1.79)	1.43 (1.09-1.87)	
HTN without kidney disease vs No kidney disease and no HTN	1.30 (0.93-1.81)	1.00 (0.80-1.25)	1.31 (1.05-1.64)	1.20 (1.09-1.32)	1.26 (1.16-1.38)	1.02 (0.87-1.19)	
Diabetes vs No diabetes	0.59 (0.41-0.85)	0.71 (0.57-0.89)	0.76 (0.61-0.93)	0.58 (0.51-0.65)	0.63 (0.57-0.70)	0.61 (0.51-0.74)	

B. Chromophobe vs Clear Cell RCC

	OR and 95%CI						
	By race and ethnicity				By sex		
	Asian PI	Latino	NH Black	NH White	Male	Female	
ESRD vs No kidney disease and no HTN	0.69 (0.24-1.96)	0.69 (0.40-1.19)	1.19 (0.67-2.10)	0.79 (0.52-1.20)	0.72 (0.50-1.04)	0.95 (0.64-1.42)	
CKD, not end-stage vs No kidney disease and no HTN	1.26 (0.60-2.62)	0.52 (0.31-0.87)	0.94 (0.53-1.67)	0.81 (0.63-1.03)	0.80 (0.63-1.03)	0.73 (0.52-1.01)	
HTN without kidney disease vs No kidney disease and no HTN	1.07 (0.74-1.54)	0.94 (0.76-1.16)	1.23 (0.85-1.79)	0.89 (0.79-1.01)	0.97 (0.85-1.10)	0.88 (0.76-1.02)	
Diabetes vs No diabetes	0.38 (0.23-0.65)	0.66 (0.52-0.84)	0.75 (0.52-1.09)	0.60 (0.51-0.71)	0.67 (0.57-0.79)	0.55 (0.45-0.67)	

Estimates for race and ethnicity-stratified models computed from logistic regression model including terms for sex, age at diagnosis, comorbidity, neighborhood SES and year of diagnosis.

Estimates for sex-stratified models computed from logistic regression model including terms for race and ethnicity, age at diagnosis, comorbidity, neighborhood SES and year of diagnosis.