

S3 Table : Odds ratio (95% confidence interval) from Mendelian randomization analysis of incident bladder cancer, and incident and prevalent bladder cancers combined, for systolic and diastolic blood pressure in the Malmö Diet and Cancer Study and UK-biobank.

		UK-biobank				Malmö Diet and Cancer Study			
		Incident cases only ($N_{\text{individuals}}=188,167$)		Incident and prevalent cases ($N_{\text{individuals}}=188,167$)		Incident cases only ($N_{\text{individuals}}=11218$)		Incident and prevalent cases ($N_{\text{individuals}}=11218$)	
		$N_{\text{cases}}=502$		$N_{\text{cases}}=1014$		$N_{\text{cases}}=367$		$N_{\text{cases}}=411$	
Exposure	Analysis	R^{2a}	OR (95% CI)	R^2	OR (95% CI)	R^2	OR (95% CI)	R^2	OR (95% CI)
Systolic BP	2SLS	0.5%	1.24 (0.35-4.40)	0.5%	1.18 (0.48-2.87)	0.61%	7.70(1.92-30.9)	0.61%	5.50 (1.47-20.5)
	IVW		1.37 (0.43-4.37)		1.13 (0.50-2.57)		3.43 (1.12-10.5)		2.82 (0.97-8.17)
		Incident cases only ($N_{\text{individuals}}=188,167$)		Incident and prevalent cases ($N_{\text{individuals}}=188,167$)					
		$N_{\text{cases}}=498$		$N_{\text{cases}}=1008$					
Diastolic BP	2SLS	0.7%	1.97 (0.68-6.14)	0.7%	1.44 (0.65-3.19)				
	IVW		2.47 (0.87-7.02)		1.42 (0.68-2.96)				

Abbreviation: OR, odds ratio; BP, blood pressure; IVW, inverse variance weighted

^a R^2 is the proportion of the variance in blood pressure explained by the genetic score