

No genetic causal links detected between antihypertensive medications and bladder cancer: insights from a trans-ancestry, drug-target Mendelian randomization analysis

**Supplementary SIX.** Heterogeneity, horizontal pleiotropy test and Steiger filtering

Ancestry	Drugs	Heterogeneity			Pleiotropy		MRPRESSO	Steiger filtering	
		Method	Q value	Q_P-value	Intercept	P-value	Global Test (p-value)		
Europeans	B-adrenoceptor blockers	MR Egger	3.934	0.686	-0.0066	0.941	0.798	P = 4.48E-31 TRUE	
		Inverse variance weighted	3.940	0.787					
	Calcium channel blockers (CCBs)	MR Egger	15.523	0.986	-0.0271	0.308	0.984	P = 1.062422e-112 TRUE	
		Inverse variance weighted	16.599	0.984					
	Loop diuretics	MR Egger	2.250	0.522	-0.191	0.197	0.940	P = 3.133567e-10 TRUE	
		Inverse variance weighted	4.977	0.290					
	Vasodilator antihypertensives	MR Egger	2.250	0.522	-0.191	0.197	0.178	P = 6.384450e-16 TRUE	
		Inverse variance weighted	4.977	0.290					
	East Asians	Calcium channel blockers (CCBs)	Inverse variance weighted	0.050	0.824	N/A	N/A	N/A	P = 0.01970104 TRUE
		Loop diuretics	MR Egger	N/A	N/A	N/A	N/A	N/A	P = 1.867287e-05 TRUE
Inverse variance weighted			N/A	N/A					