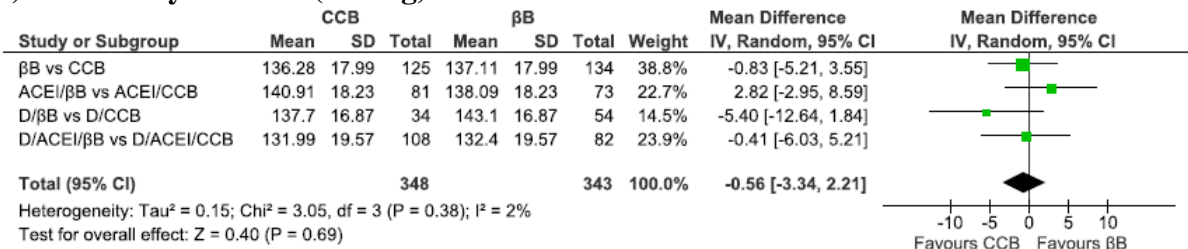


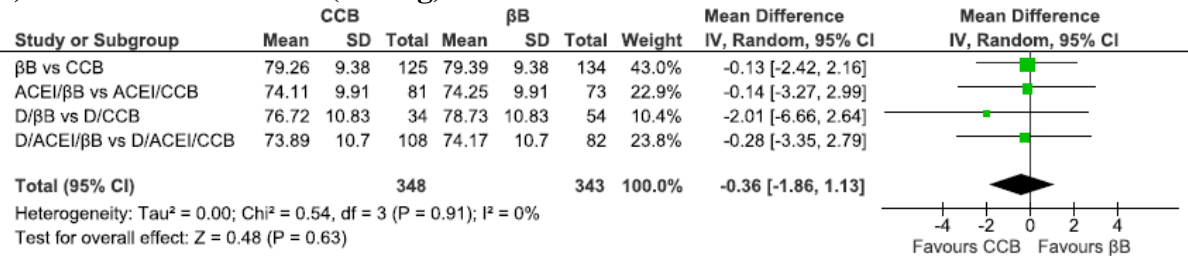
**Figure S1** Forest plots showing differences in blood pressure (BP) variables between those on beta-blockers (reference group) and those on other antihypertensives. ACEI = Angiotensin converting enzyme inhibitor; ARB = Angiotensin receptor blocker;  $\beta$ B = Beta-blocker; CCB = Calcium channel blocker; D = Diuretic.

## Calcium channel blockers versus beta-blockers

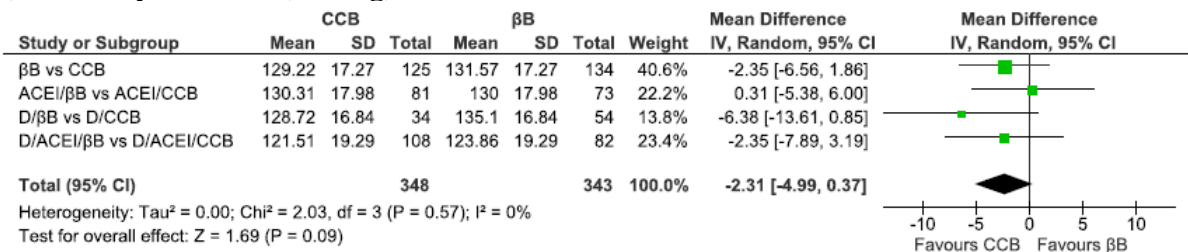
### a) Brachial systolic BP (mmHg)



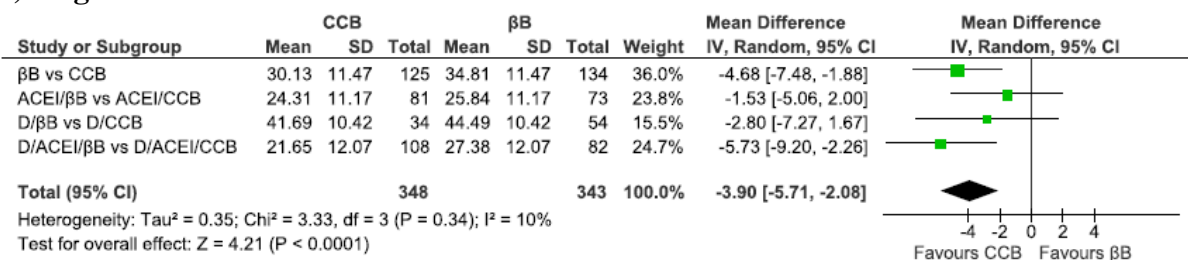
### b) Brachial diastolic BP (mmHg)



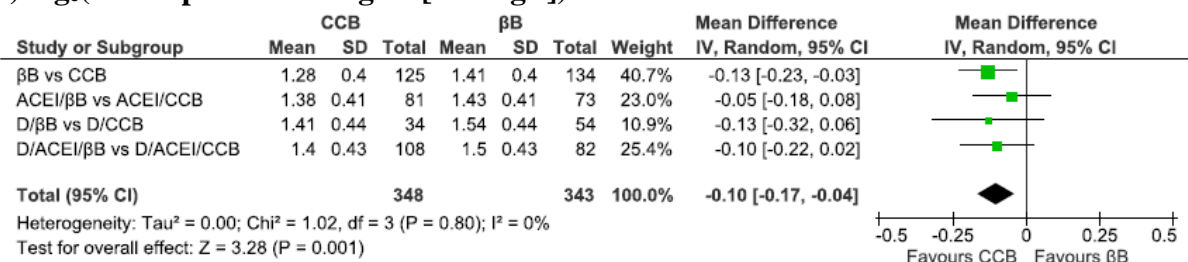
### c) Aortic systolic BP (mmHg)



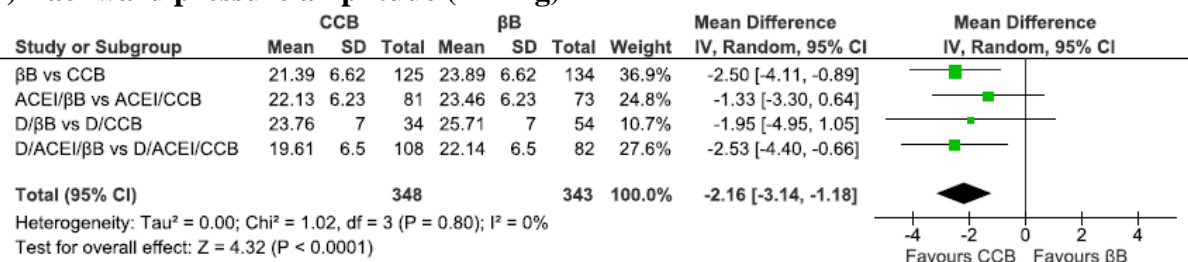
### d) Augmentation index



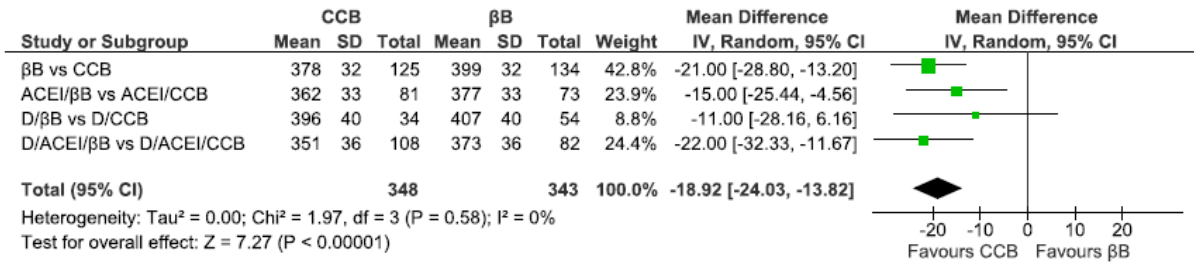
### e) log<sub>e</sub>(excess pressure integral [mmHg.s])



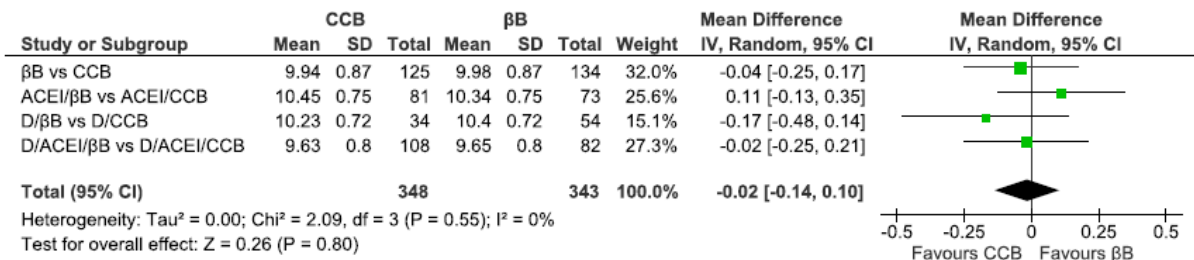
### f) Backward pressure amplitude (mmHg)



### g) Reflection index ( $\times 10^{-3}$ )

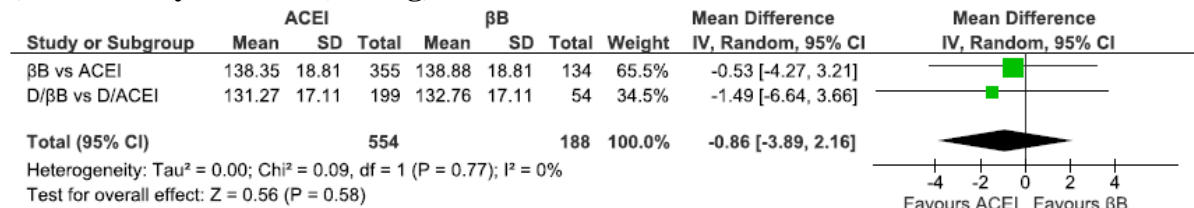


### h) Pulse wave velocity (m/s)

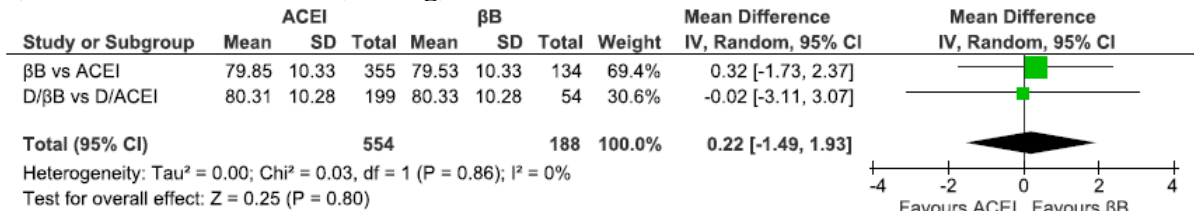


## ACE inhibitors versus beta-blockers

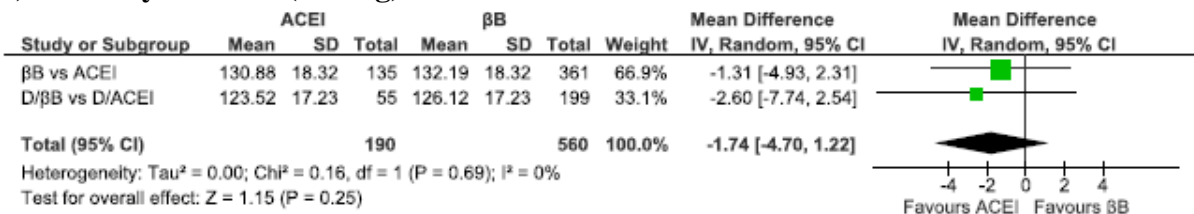
### a) Brachial systolic BP (mmHg)



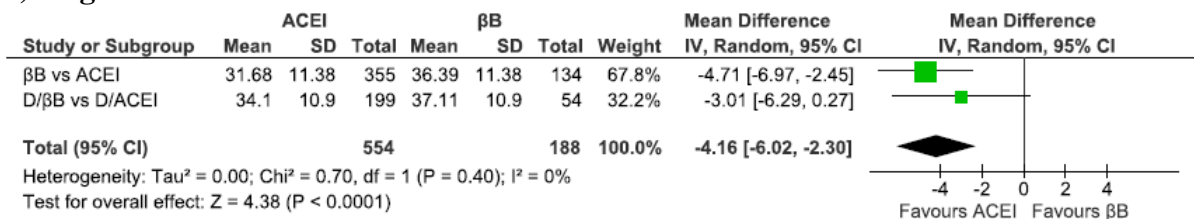
### b) Brachial diastolic BP (mmHg)



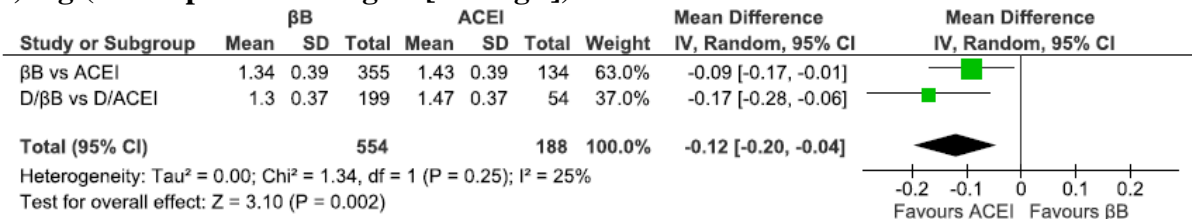
### c) Aortic systolic BP (mmHg)



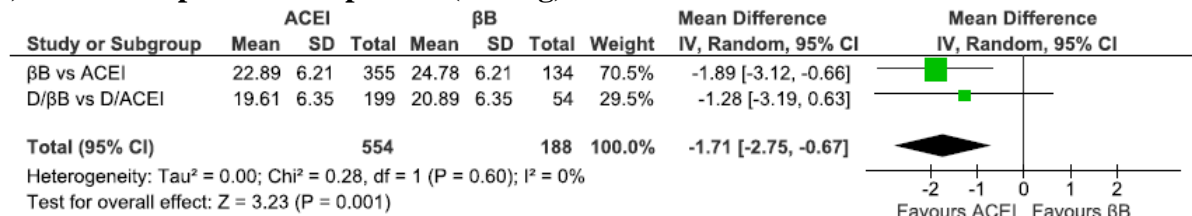
### d) Augmentation index



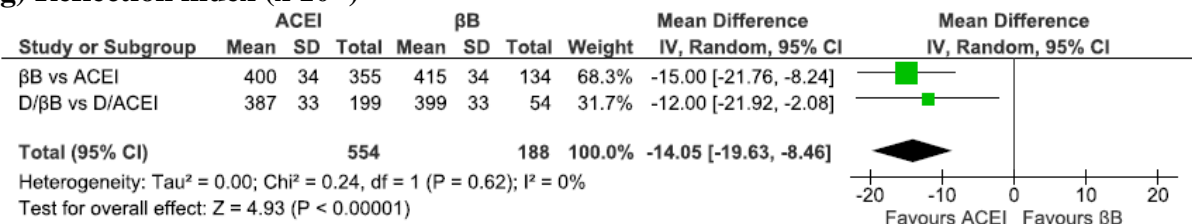
### e) $\log_e(\text{excess pressure integral [mmHg.s]})$



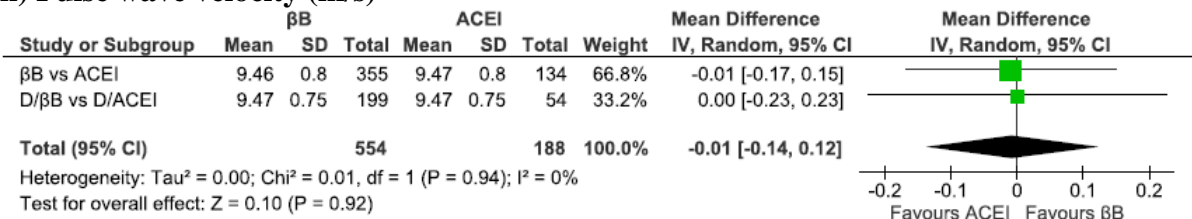
### f) Backward pressure amplitude (mmHg)



### g) Reflection index ( $\times 10^{-3}$ )

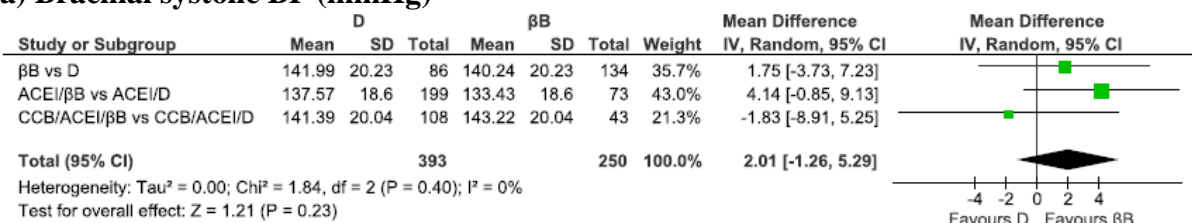


### h) Pulse wave velocity (m/s)

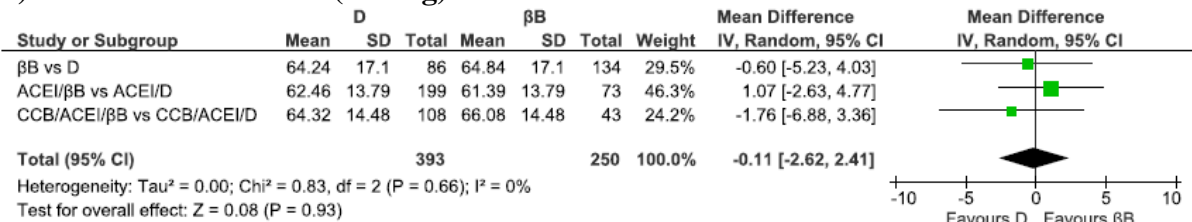


## Diuretics versus beta-blockers

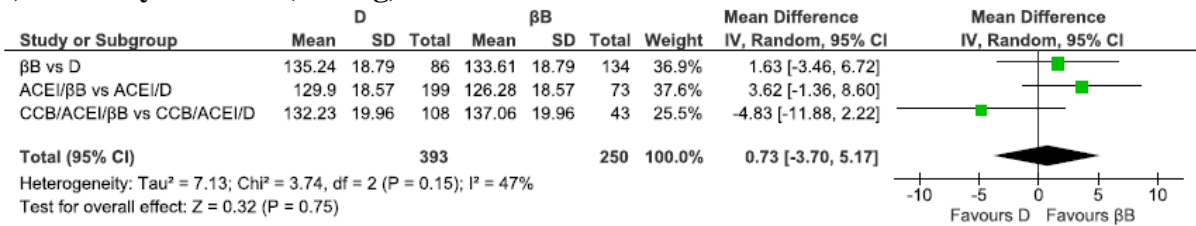
### a) Brachial systolic BP (mmHg)



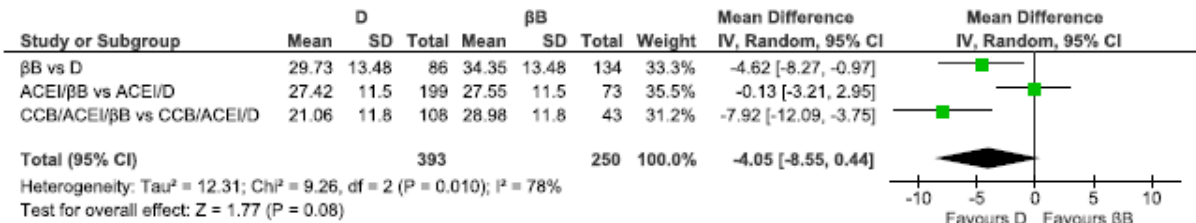
### b) Brachial diastolic BP (mmHg)



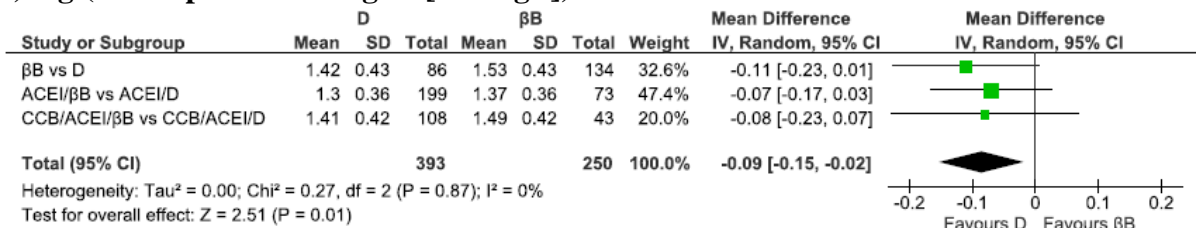
### c) Aortic systolic BP (mmHg)



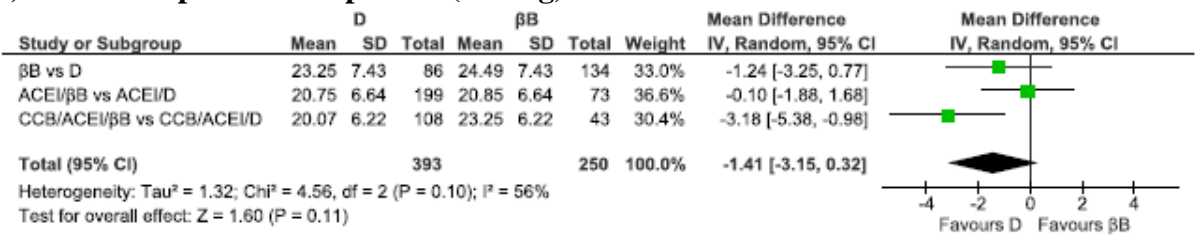
### d) Augmentation index



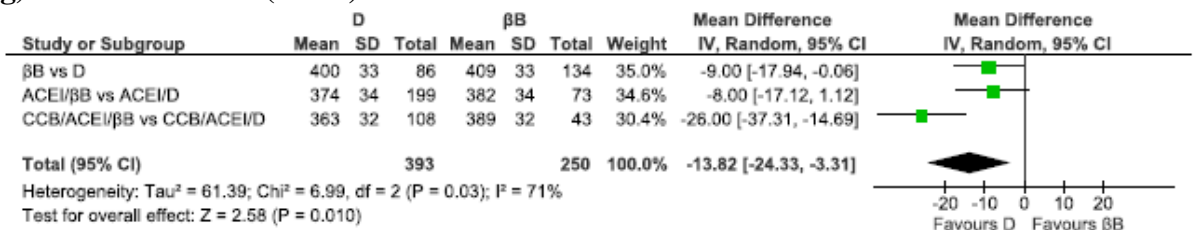
### e) log<sub>e</sub>(excess pressure integral [mmHg.s])



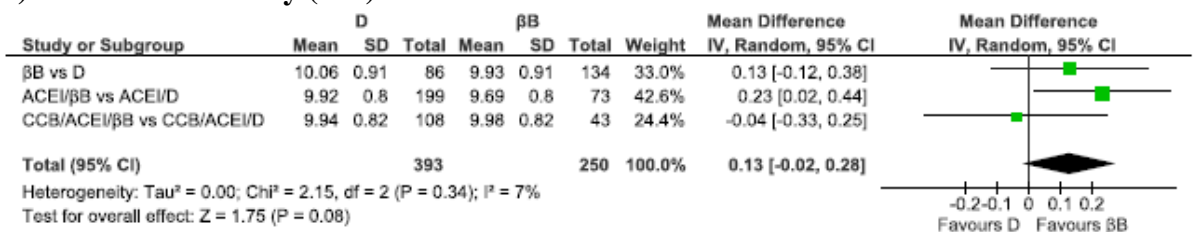
### f) Backward pressure amplitude (mmHg)



### g) Reflection index (x 10<sup>-3</sup>)

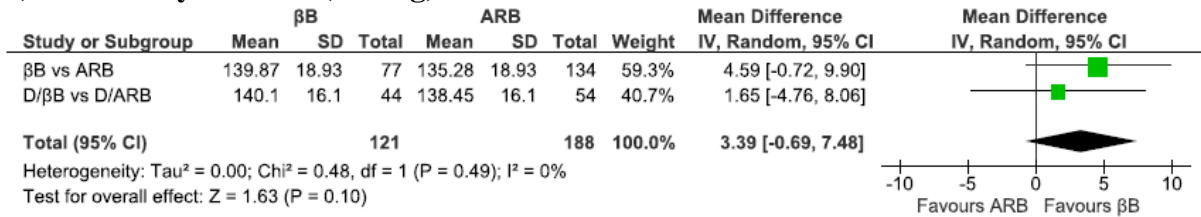


### h) Pulse wave velocity (m/s)

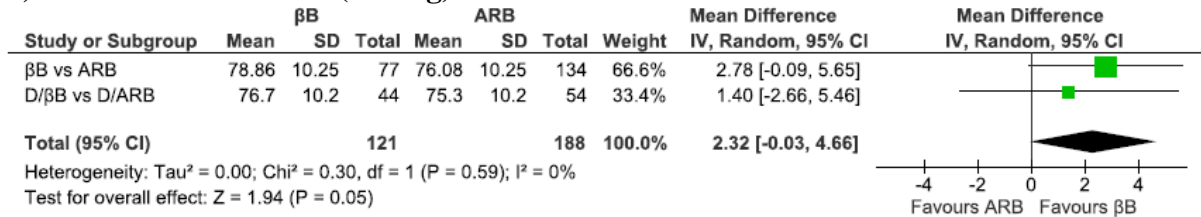


## Angiotensin receptor blockers versus beta-blockers

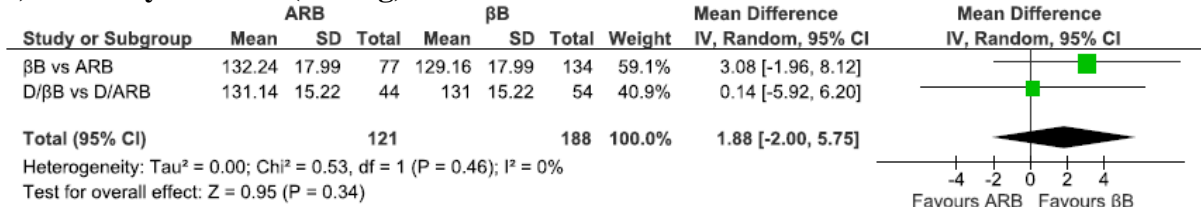
### a) Brachial systolic BP (mmHg)



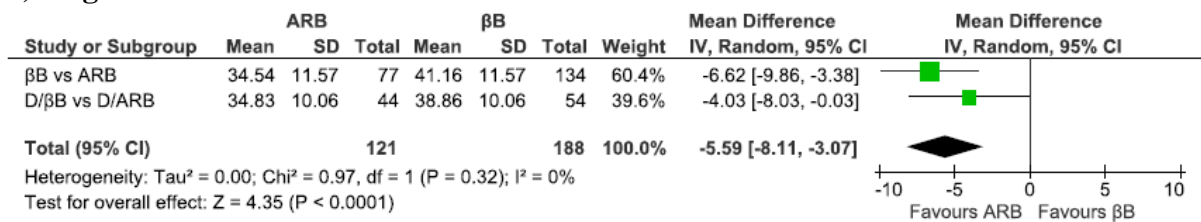
### b) Brachial diastolic BP (mmHg)



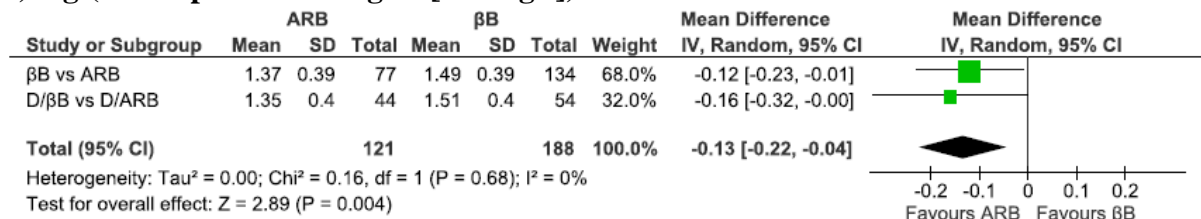
### c) Aortic systolic BP (mmHg)



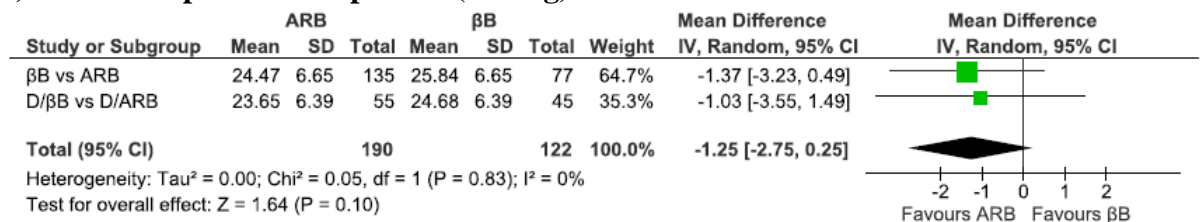
### d) Augmentation index



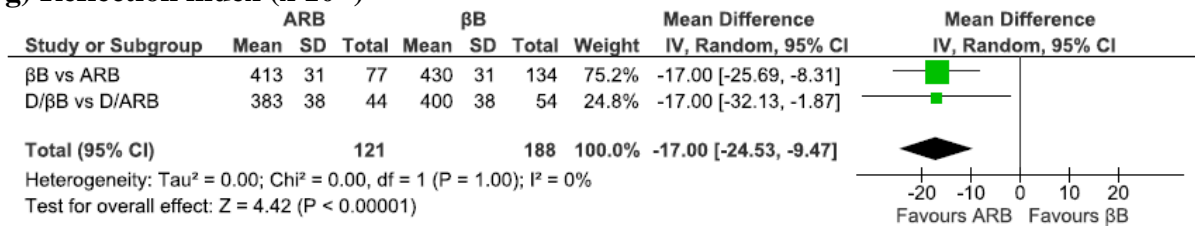
### e) log<sub>e</sub>(excess pressure integral [mmHg.s])



### f) Backward pressure amplitude (mmHg)



### g) Reflection index ( $\times 10^{-3}$ )



### h) Pulse wave velocity (m/s)

