

ESM Table 4. Macro-albuminuria between ACEI/ARB and active drugs or placebo

Study	Mean Age	Mean Crcl ^a	Albuminuria	Treatments	SBP (SD)	DBP (SD)	No. of Events	N	RR (95%CI)
ACEI/ARB vs Active drugs									
UKPDS groups[26]	-	-	Microalb ^b	Captopril	-	-	7	153	0.48 (0.20, 1.15)
				Atenolol	-	-	14	146	
Baba et al[25]	60	110.4	Microalb	Enalapril	-	-	3	53	0.91 (0.21, 3.87)
				Nifedipine SR	-	-	4	64	
Chan et al[21]	-	-	Normoalb ^c & Microalb	Enalapril	137 (11.8)	72.1 (14.6)	4	39	0.65 (0.20, 2.12)
				Nifedipine SR	132.2 (9.4)	72.6 (7.8)	6	38	
Lacourciere et al[22]	-	-	Microalb	Captopril	-	-	0	9	0.26 (0.01, 4.83)
				Metoprolol/ HCTZ	-	-	2	12	
Marre et al[38]	60	92.5	Microalb	Enalapril	139.3(14.3)	81.4 (7.9)	18	286	0.69 (0.38, 1.22)
				Indapamide	137.3 (12)	81 (8.1)	26	283	
Shiba et al[23]	61	-	Normoalb & Microalb	Delapril	-	-	0	23	0.08 (0.01, 1.37)
				Manidipine	-	-	4	16	
Jerums et al [36]	53		Microalb	Perindopril	-	-	2	11	2.00 (0.21, 18.98)
				Nifedipine	-	-	1	11	
Estacio et al[19]	58	-	Microalb	Enalapril	-	-	13	67	0.95 (0.50, 1.81)
				Nisoldipine	-	-	17	83	
Pooled RR									0.71 (0.50, 1.00)
ACEI/ARB vs Placebo									
HOPE Study [24]	65	-	Normoalb & Microalb	Ramipril	-	-	117	1,808	0.77 (0.61, 0.97)
				Placebo	-	-	149	1,769	
Ahmad et al[41]	50	124 ^c	Microalb	Enalapril	134 (5.7)	80 (4.6)	4	52	0.33 (0.11, 0.95)
				Placebo	134 (5.7)	83 (5.1)	12	51	
Lebovitz et al[42]	-	-	Normoalb & Microalb	Enalapril	-	-	2	30	0.32 (0.07, 1.38)
				Placebo	-	-	8	38	
Ravid et al[32]	44	-	Microalb	Enalapril	-	-	6	49	0.29 (0.13, 0.66)
				Placebo	-	-	19	45	
Jerums et al[36]	53		Microalb	Perindopril	-	-	2	11	0.39 (0.10, 1.53)
				Placebo	-	-	7	15	
Pooled RR									0.67 (0.54, 0.83)

^a Creatinine clearance (ml/min), ^b Micro-albuminuria, ^c Normo-albuminuria, ^d not include in the direct meta-analysis, ^e Glomerular filtration rate (ml/min/1.73 m²)