eTable 22. Combined Renal Outcome: Multinomial logit model including only variables from the set of <u>extended</u> confounders 2.

Independent variables	OR renal2vs1	OR renal3vs1	OR renal4vs1	OR renal5vs1	Median of tertile					p
					1	*2*	*3*	*4*	*5*	
Age (years)	1.107 (1.038-1.180)	1.225 (1.078-1.394)			*58*	65	72			>0.0001
dUACR$_{tp}$	0.575 (0.521-0.635)	0.437 (0.383-0.499)			*0.77*	1.79	2.68			>0.0001
GFR	0.918 (0.870-0.969)	0.962 (0.872-1.061)			*55.63*	73.12	91.98			>0.0001
Serum glucose (mmol/L)	1.060 (1.000-1.124)	1.271 (1.136-1.423)			*5.82*	7.78	10.98			>0.0001
Mean arterial blood pressure (mmHg)	1.027 (0.969-1.089)	1.053 (0.941-1.178)			*91.67*	102.67	112.67			0.5351
Duration of diabetes mellitus (years)	1.008 (0.975-1.042)	1.014 (0.959-1.071)			*2*	8	20			0.2195
Albuminuria status	1.109 (0.959-1.281)				*normo*	Micro				>0.0001
Body mass index (kg/m^2)	1.022 (0.973-1.072)	1.05 (0.940-1.173)			*24.67*	28.65	33.792			0.6258
Sex	1.044 (0.911-1.196)				*male*	female				0.6569
ONTARGET randomization arms	0.916 (0.796-1.054)	1.043 (0.909-1.196)			*Telmisartan*	Ramipril	comb.			0.2373
Previous ACEI/ARB	1.311 (1.151-1.493)				*no*	yes				0.0002
Years of formal education	1.065 (1.013-1.12)	0.939 (0.893-0.987)	0.882 (0.798-0.975)	0.828 (0.713-0.962)	*1-8 yrs*	0 yrs	9-12 yrs	trade/technical school	college/ university	0.04169
Physical activity	0.815 (0.663-1.003)	0.887 (0.757-1.04)	0.843 (0.722-0.985)		*sedentary*	<1/week	2-6/week	every day	every day	0.2610
Tobacco use	1.036 (0.942-1.139)	1.073 (0.888-1.297)			*never*	formerly	current			>0.0001

Independent variables	ORdeath2vs1	ORdeath3vs1	ORdeath4vs1	ORdeath5vs1	Median of tertile					p
					1	2	3	4	5	
Age (years)	1.665 (1.497-1.852)	2.772 (2.241-3.43)			*58*	65	72			>0.0001
dUACR$_{tp}$	0.668 (0.568-0.785)	0.619 (0.496-0.774)			*0.77*	1.79	2.68			>0.0001
GFR	0.799 (0.737-0.867)	0.729 (0.611-0.87)			*55.63*	73.12	91.98			>0.0001
Serum glucose (mmol/L)	1.033 (0.944-1.131)	1.273 (1.058-1.532)			*5.82*	7.78	10.98			>0.0001
Mean arterial blood pressure (mmHg)	0.978 (0.886-1.079)	0.959 (0.794-1.157)			*91.67*	102.67	112.67			0.5351
Duration of diabetes mellitus (years)	1.055 (0.991-1.122)	1.093 (0.986-1.211)			*2*	8	20			0.2195
Albuminuria status	1.836 (1.469-2.293)				*normo*	Micro				>0.0001
Body mass index (kg/m^2)	0.99 (0.91-1.077)	0.978 (0.806-1.186)			*24.67*	28.65	33.792			0.6258
Sex	0.939 (0.741-1.191)				*male*	female				0.6569
ONTARGET randomization arms	1.122 (0.884-1.425)	1.177 (0.929-1.491)			*Telmisartan*	Ramipril	comb.			0.2373
Previous ACEI/ARB	1.170 (0.939-1.459)				*no*	yes				0.0002
Years of formal education	1.002 (0.921-1.09)	0.998 (0.917-1.086)	0.996 (0.842-1.179)	0.994 (0.772-1.281)	*1-8 yrs*	0 yrs	9-12 yrs	trade/technical school	college/ university	0.04169
Activity	0.924 (0.659-1.294)	0.849 (0.65-1.11)	0.801 (0.618-1.038)		*sedentary*	<1/week	2-6/week	every day	every day	0.2610
Tobacco use	1.47 (1.254-1.724)	2.162 (1.573-2.971)			*never*	formerly	Current			>0.0001

dUACRtp ('delta-UACR to progression') was defined as the difference between the participant-specific cutpoint of developing a new micro-, or macro-albuminuria and UACR at baseline on the log-scale. OR$_{renal}$ compares participants alive and with incidence or progression of CKD to participants alive but with no incidence or progression of CKD; OR$_{death}$ compares participants, who died within the follow-up period, to participants alive with no incidence or progression of CKD. For continuous independent variables the ORs for the median of the 2nd and 3rd tertile (50.0th and 83.3rd percentiles) compared to the median of the 1st tertile (16.7th percentile) as reference are shown. For sex 'male' is the reference category; for ONTARGET randomization arms 'Telmisartan' is the reference category; for previous ACEI/ARBs 'no' is the reference category. Independent variables highlighted with bold letters have a significant association for incidence or progression of CKD.