

**ESM Table 1** Results of Poisson models for entire population: RRs† for RRT, Germany, 2010–2016

<b>Model 1 (without interaction term Diabetes x Year)</b>	<b>Both sexes: RR† (95% CI‡)</b>	<b>p-value</b>	<b>Men: RR† (95% CI‡)</b>	<b>p-value</b>	<b>Women: RR† (95% CI‡)</b>	<b>p-value</b>
Year	0.978 (0.962-0.995)	0.0099	0.979 (0.956-1.003)	0.092	0.976 (0.956-0.997)	0.023
Diabetes (yes vs no)	4.197 (3.906-4.510)	<0.0001	3.860 (3.478-4.284)	<0.0001	4.776 (4.361-5.230)	<0.0001
Men vs women	1.977 (1.846-2.117)	<0.0001	–	–		
Age (years) *						
≥80	24.217 (19.561-29.981)	<0.0001	29.752 (21.820-40.568)	<0.0001	17.939 (13.725-23.447)	<0.0001
70–79	21.806 (17.676-26.901)	<0.0001	24.498 (18.093-33.170)	<0.0001	17.943 (13.751-23.413)	<0.0001
60–69	12.202 (9.829-15.147)	<0.0001	13.949 (10.228-19.023)	<0.0001	9.793 (7.420-12.926)	<0.0001
50–59	6.601 (5.265-8.276)	<0.0001	7.336 (5.314-10.127)	0.0922	5.581 (4.160-7.488)	<0.0001
40–49	3.613 (2.794-4.671)	<0.0001	3.893 (2.703-5.607)	<0.0001	3.211 (2.294-4.493)	<0.0001
<b>Model 1 People &lt; 40 years only</b>						
Year	0.973 (0.955-0.991)	0.0032	0.983 (0.960-1.005)	0.14	0.957 (0.929-0.986)	0.0044
Diabetes (yes vs no)	26.413 (23.987-29.085)	<0.0001	27.082 (23.896-30.694)	<0.0001	25.707 (22.165-29.814)	<0.0001
Men vs women	1.651 (1.530-1.782)	<0.0001	–	–	–	–
<b>Model 1 People 40-49 years only</b>						
Year	0.985 (0.964-1.007)	0.17	0.980 (0.946-1.015)	0.27	0.994 (0.971-1.018)	0.63
Diabetes (yes vs no)	9.459 (8.626-10.373)	<0.0001	9.479 (8.182-10.981)	<0.0001	9.407 (8.476-10.440)	<0.0001
Men vs women	1.757 (1.603-1.927)	<0.0001	–	–	–	–
<b>Model 1 People 50-59 years only</b>						
Year	0.988 (0.967-1.009)	0.26	0.990 (0.962-1.019)	0.50	0.984 (0.959-1.009)	0.21
Diabetes (yes vs no)	6.811 (6.255-7.417)	<0.0001	6.384 (5.688-7.165)	<0.0001	7.855 (7.085-8.709)	<0.0001
Men vs women	1.840 (1.679-2.016)	<0.0001	–	–	–	–
<b>Model 1 People 60-69 years only</b>						
Year	0.980 (0.965-0.996)	0.012	0.977 (0.963-0.992)	0.0022	0.986 (0.966-1.006)	0.17
Diabetes (yes vs no)	5.351 (5.008-5.717)	<0.0001	4.939 (4.641-5.255)	<0.0001	6.280 (5.771-6.835)	<0.0001
Men vs women	1.951 (1.822-2.088)	<0.0001	–	–	–	–
<b>Model 1 People 70-79 years only</b>						
Year	0.978 (0.960-0.996)	0.017	0.982 (0.969-0.994)	0.0043	0.973 (0.956-0.990)	0.0024
Diabetes (yes vs no)	3.979 (3.684-4.297)	<0.0001	3.498 (3.316-3.690)	<0.0001	4.848 (4.494-5.230)	<0.0001
Men vs women	1.858 (1.726-2.000)	<0.0001	–	–	–	–

<b>Model 1 People ≥80 years only</b>						
Year	0.977 (0.958-0.995)	0.0137	0.978 (0.969-0.988)	<0.0001	0.975 (0.964-0.987)	<0.0001
Diabetes (yes vs no)	2.711 (2.508-2.930)	<0.0001	2.271 (2.187-2.359)	<0.0001	3.257 (3.102-3.419)	<0.0001
Men vs women	2.250 (2.086-2.426)	<0.0001	–	–	–	–
<b>Model 2 (entire population – including interaction term Diabetes x Year)</b>						
	Both sexes: RR <sup>†</sup> (95% CI <sub>‡</sub> )	p-value	Men: RR <sup>†</sup> (95% CI <sub>‡</sub> )	p-value	Women: RR <sup>†</sup> (95% CI <sub>‡</sub> )	p-value
Year	0.989 (0.964-1.016)	0.42	0.992 (0.955-1.030)	0.66	0.984 (0.952-1.018)	0.36
Diabetes (yes vs no)	4.430 (3.918-5.013)	<0.0001	4.108 (3.433-4.922)	<0.0001	4.965 (4.256-5.800)	<.0001
Men vs women	1.980 (1.850-2.120)	<0.0001	–	–		
Age (years) *						
≥80	24.276 (19.713-30.225)	<0.0001	29.839 (22.100-41.203)	<0.0001	17.968 (13.851-23.740)	<0.0001
70–79	21.846 (17.806-27.108)	<0.0001	24.546 (18.321-33.678)	<0.0001	17.965 (13.874-23.700)	<0.0001
60–69	12.221 (9.895-15.254)	<0.0001	13.973 (10.347-19.296)	<0.0001	9.804 (7.477-13.070)	<0.0001
50–59	6.607 (5.293-8.322)	<0.0001	7.343 (5.364-10.253)	<0.0001	5.584 (4.182-7.555)	<0.0001
40–49	3.620 (2.805-4.692)	<0.0001	3.902 (2.718-5.659)	<0.0001	3.215 (2.298-4.519)	<0.0001
Diabetes × Year	0.982 (0.949-1.016)	0.2882	0.979 (0.932-1.029)	0.4049	0.987 (0.945-1.030)	0.5420
<b>Model 2 People &lt; 40 years only</b>						
Year	0.979 (0.960-0.998)	0.034	0.980 (0.955-1.005)	0.12	0.977 (0.957-0.998)	0.03
Diabetes (yes vs no)	29.517 (24.750-35.037)	<0.0001	25.500 (19.872-32.399)	<0.0001	35.159 (29.625-41.560)	<0.0001
Men vs women	1.650 (1.530-1.780)	<0.0001	–	–	–	–
Diabetes × Year	0.965 (0.921-1.012)	0.1417	1.019 (0.955-1.087)	0.5661	0.905 (0.863-0.948)	<0.0001
<b>Model 2 People 40-49 years only</b>						
Year	1.011 (0.992-1.031)	0.26	1.016 (0.990-1.043)	0.23	1.002 (0.975-1.031)	0.87
Diabetes (yes vs no)	11.949 (10.600-13.455)	<0.0001	12.745 (10.937-14.833)	<0.0001	10.241 (8.468-12.339)	<0.0001
Men vs women	1.750 (1.640-1.880)	<0.0001	–	–	–	–
Diabetes × Year	0.923 (0.892-0.955)	<0.0001	0.902 (0.863-0.943)	<0.0001	0.973 (0.923-1.024)	0.2930
<b>Model 2 People 50-59 years only</b>						
Year	1.005 (0.977-1.034)	0.72	1.006 (0.967-1.048)	0.75	1.003 (0.971-1.036)	0.87
Diabetes (yes vs no)	7.614 (6.545-8.857)	<0.0001	7.083 (5.735-8.751)	<0.0001	8.926 (7.495-10.627)	<0.0001
Men vs women	1.840 (1.690-2.010)	<0.0001	–	–	–	–
Diabetes × Year	0.965 (0.926-1.005)	0.0859	0.967 (0.914-1.024)	0.2522	0.959 (0.915-1.006)	0.0873
<b>Model 2 People 60-69 years only</b>						
Year	0.994 (0.969-1.020)	0.67	0.996 (0.976-1.017)	0.73	0.991 (0.957-1.026)	0.60

Diabetes (yes vs no)	5.739 (5.109-6.453)	<0.0001	5.415 (4.926-5.957)	<0.0001	6.435 (5.489-7.555)	<0.0001
Men vs women	1.950 (1.830-2.090)	<0.0001	–	–	–	–
Diabetes × Year	0.977 (0.946-1.009)	0.1561	0.970 (0.945-0.996)	0.0217	0.992 (0.950-1.036)	0.7206
<b>Model 2 People 70-79 years only</b>						
Year	0.987 (0.956-1.019)	0.43	0.987 (0.964-1.009)	0.24	0.987 (0.957-1.019)	0.43
Diabetes (yes vs no)	4.137 (3.614-4.742)	<0.0001	3.575 (3.246-3.941)	<0.0001	5.146 (4.520-5.867)	<.0001
Men vs women	1.860 (1.720-2.000)	<0.0001	–	–	–	–
Diabetes × Year	0.986 (0.948-1.026)	0.4914	0.992 (0.965-1.020)	0.5889	0.979 (0.942-1.017)	0.2707
<b>Model 2 People ≥80 years only</b>						
Year	0.984 (0.954-1.015)	0.30	0.987 (0.974-1.000)	0.051	0.977 (0.957-0.997)	0.025
Diabetes (yes vs no)	2.814 (2.442-3.246)	<0.0001	2.380 (2.230-2.540)	<0.0001	3.282 (3.000-3.593)	<.0001
Men vs women	2.250 (2.080-2.430)	<0.0001	–	–	–	–
Diabetes × Year	0.988 (0.950-1.027)	0.5361	0.985 (0.968-1.003)	0.0938	0.997 (0.972-1.023)	0.8370

\*Baseline: <40 years

†Relative risk per one year increment

‡Confidence interval