

SUPPLEMENTARY DATA

Supplementary Table 1. Sex and age distribution at baseline examination of NDD and NGT groups

Age (years)	NDD		NGT	
	Men n (%)	Women n (%)	Men n (%)	Women n (%)
25-49	134(44.7)	217(65.8)	167(59.2)	209(88.2)
50-59	133(44.3)	85(25.7)	95(33.7)	23(9.7)
60-69	28(9.3)	23(7.0)	19(6.7)	4(1.7)
≥70	5(1.7)	5(1.5)	1(0.4)	1(0.4)
All ages	300(100)	330(100)	282(100)	237(100)

NDD: newly diagnosed diabetes, NGT: normal glucose tolerance.

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Supplementary Table 2. Age-specific all-cause death rates (per 1000 person-years) among men with NDD by duration of diabetes, and NGT*

Duration (years)	Age group (years)									
	25-49		50-59		60-69		70+		All ages	
	n/pyr	Rate	n/pyr	Rate	n/pyr	Rate	n/pyr	Rate	n/pyr	Rate
NDD										
0-5	0/470	0	5/561	8.9	3/219	13.7	4/34	117.7	12/1285	9.3
5-10	4/325	12.3	11/505	21.8	22/412	53.4	6/54	111.1	43/1296	33.2
10-15	2/93	21.5	5/391	12.8	20/451	44.4	18/127	141.7	45/1062	42.4
15+	0/29	0.0	8/321	25.0	30/562	53.4	43/355	121.3	81/1265	64.0
Total	6/917	6.5	29/1778	16.3	75/1664	45.1	71/570	124.6	181/4908	36.8
NGT*	3/1470	2.0	15/1778	2.4	19/1490	12.8	25/589	42.5	62/5327	11.6

NDD: newly diagnosed diabetes NGT: normal glucose tolerance. n=number of deaths.
 pyrs=number of person-years. Fractional person-years rounded to whole numbers
 *censored at diagnosis of diabetes in those with NGT.

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Supplementary Table 3. Age-specific all-cause death rates (per 1000 person-years) among women with NDD by duration of diabetes, and NGT*

NDD (years)	Age group (years)									
	25-49		50-59		60-69		70+		All ages	
	n/pyr	Rate	n/pyr	Rate	n/pyr	Rate	n/pyr	Rate	n/pyr	Rate
NDD										
0-5	5/758	6.6	3/469	6.4	2/116	17.3	1/21	48.8	11/1363	8.1
5-10	2/516	3.9	9/627	14.4	8/241	33.2	5/58	86.9	24/1442	16.6
10-15	2/211	9.5	12/584	20.6	15/402	37.4	7/80	88.1	36/1276	28.2
15+	0/48	0.0	17/563	30.2	38/783	48.6	31/313	99.2	86/1707	50.4
Total	9/1553	5.8	41/2243	18.3	63/1542	40.9	44/472	93.2	157/5787	27.1
NGT*	2/1746	1.2	6/1619	4.7	10/902	11.1	70/169	41.5	25/4436	5.6

NDD: newly diagnosed diabetes, NGT: normal glucose tolerance. n=number of deaths, pyrs=number of person-years. Fractional person-years rounded to whole numbers
 *censored at diagnosis of diabetes in those with NGT.

Supplementary Table 4. Age-specific CVD death rates (per 1000 person-years) in NDD among men by duration of diabetes, and in NGT*

Duration (years)	Age group (years)									
	25-49		50-59		60-69		70+		All ages	
	n/pyr	Rate	n/pyr	Rate	n/pyr	Rate	n/pyr	Rate	n/pyr	Rate
NDD										
0-5	0/470	0.0	2/561	3.6	0/219	0	2/34	58.8	4/1285	3.1
5-10	2/325	6.2	6/505	11.9	14/412	34.0	4/54	74.0	26/1296	20.1
10-15	1/93	10.8	3/391	7.7	9/451	20.0	5/127	39.4	18/1062	16.9
15+	0/29	0.0	2/321	6.2	18/562	32.1	18/355	50.8	38/1265	30.0
Total	3/917	3.3	13/1778	7.3	41/1664	24.9	29/570	50.9	86/4908	17.5
NGT*	2/1470	1.4	7/1478	3.9	6/1490	4.0	9/589	15.3	24/5327	4.5

NDD: newly diagnosed diabetes, NGT: normal glucose tolerance, n=number of deaths. pyrs=number of person-years. Fractional person-years rounded to whole numbers
 *censored at diagnosis of diabetes in those with NGT.

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Supplementary Table 5. Age-specific CVD death rates (per 1000 person-years) in NDD among women by duration of diabetes, and in NGT*

Duration (years)	Age group (years)									
	25-49		50-59		60-69		70+		All ages	
	n/pyr	Rate	n/pyr	Rate	n/pyr	Rate	n/pyr	Rate	n/pyr	Rate
NDD										
0-5	0/758	0.0	1/469	2.1	1/116	8.7	0/21	0	2/1363	1.5
5-10	1/516	1.9	5/627	8.0	5/241	20.7	3/58	52.2	14/1442	9.7
10-15	1/211	4.7	6/584	10.3	11/402	27.4	1/80	12.6	19/1276	14.9
15+	0/48	0.0	8/563	14.2	22/783	28.1	13/313	41.6	43/1707	25.2
Total	2/1533	1.3	20/2243	8.9	39/1542	25.3	17/472	36.0	78/5787	13.5
NGT*	1/1746	0.6	0/1619	0	4/902	4.4	2/169	11.9	7/4436	1.6

NDD: newly diagnosed diabetes, NGT: normal glucose tolerance. n=number of deaths.

pyrs=number of person-years. Fractional person-years rounded to whole numbers

*censored at diagnosis of diabetes in those with NGT.