

**Supplemental Table 3. Changes in HbA1c and the answer to questionnaire 2 among first, 2012 and last visit in subgroups and slope of eGFR before and after 2012 according to the presence or absence of glucose intolerance in 2012**

Presence or absence of glucose intolerance in 2012	HbA1c								p for among 3 visits
	number of data	1st Visit		2012		Last Visit			
		mean	SD	mean	SD	mean	SD		
Presence of glucose intolerance in 2012	140	6.7 <sup>c</sup>	± 1.3	6.6 <sup>c</sup>	± 1.1	6.9 <sup>ab</sup>	± 0.9	0.002	
With anti-hyperglycemic medicines	82	7.0	± 1.5	6.7	± 1.3	7.0	± 0.9	0.137	
HbA1c 6.0% or more without medicines	58	6.2 <sup>bc</sup>	± 0.7	6.5 <sup>ac</sup>	± 0.7	6.9 <sup>ab</sup>	± 0.9	0.000	
Absence of glucose intolerance in 2012	925	5.2 <sup>c</sup>	± 0.4	5.2 <sup>c</sup>	± 0.3	5.7 <sup>ab</sup>	± 0.4	0.000	
Answer to questionnaire 2 (Are you taking insulin injection or antihyperglycemic medicines)									
Presence or absence of glucose intolerance in 2012	number of data	1st Visit		2012		Last Visit		p for among 3 visits	
Presence of glucose intolerance in 2012									
Percentage of participants who answered "Yes" (%)	141	39.7		58.9		66.7			
Mean point of answer number		1.60 <sup>b</sup>	± 0.49	1.41 <sup>a</sup>	± 0.49	1.33 <sup>a</sup>	± 0.47	0.000	
With anti-hyperglycemic medicines in 2012									
Percentage of participants who answered "Yes" (%)	83	62.7		100.0		88.0			
Mean point of answer number		1.37 <sup>bc</sup>	± 0.49	1.00 <sup>ac</sup>	± 0.00	1.12 <sup>ab</sup>	± 0.33	0.000	
HbA1c 6.0% or more without medicines in 2012									
Percentage of participants who answered "Yes" (%)	58	6.9		0.0		36.2			
Mean point of answer number		1.93 <sup>c</sup>	± 0.26	2.00 <sup>c</sup>	± 0.00	1.64 <sup>ab</sup>	± 0.49	0.000	
Absence of glucose intolerance in 2012									
Percentage of participants who answered "Yes" (%)	962	0.3		0.0		0.4			
Mean point of answer number		2.00	± 0.06	2.00	± 0.00	2.00	± 0.06	0.115	
Presence or absence of glucose intolerance in 2012	number of data	eGFR Slope between 2008 and 2012 (ml/min/1.73m <sup>2</sup> /year)		eGFR Slope between 2013 and 2017 (ml/min/1.73m <sup>2</sup> /year)		p			
		mean	SD	mean	SD				
Presence of glucose intolerance in 2012	112	-2.310	± 4.550	-1.470	± 4.595	0.198			
With anti-hyperglycemic medicines	62	-3.165	± 4.716	-0.940	± 4.231	0.013			
HbA1c 6.0% or more without medicines	50	-1.250	± 4.140	-2.126	± 4.974	0.352			
Absence of glucose intolerance in 2012	865	-1.772	± 3.958	-0.143	± 2.718	0.000			

Abbreviations are: Hb; hemoglobin, SD; standard deviation

<sup>a</sup> Significantly differ compared to the 1<sup>st</sup> visit.

<sup>b</sup> Significantly differ compared to 2012.

<sup>c</sup> Significantly differ compared to the last visit.

The answer number for questionnaire 2 is converted to points.

As for the comparisons of the answer to questionnaire 2 between two points among three points, p<0.0167 was defined to be statistically significant.