

**Supplementary Table 1** - baseline characteristics and distributions of circulating AGEs and esRAGE in older men with diabetes, stratified according to diabetes duration, and according to insulin therapy

Variables of interest, N is number of men from the study population after exclusions, in whom that result is available. Men diagnosed with diabetes, reporting use of glucose lowering medication, or with fasting glucose at W2 of  $\geq 7$  mmol/L or non-fasting  $\geq 11.1$  mmol/L, were considered to have diabetes. Data are shown as mean  $\pm$  SD. P values are for comparisons between men with diabetes of duration  $< 5$  years compared to those with diabetes of duration  $\geq 5$  years, and for men with diabetes on diet and oral therapy compared with those on insulin.

Variable	Diabetes duration					Insulin therapy				
	$< 5$ years		$\geq 5$ years		p-value	No		Yes		p-value
N	Mean $\pm$ SD	N	Mean $\pm$ SD	N		Mean $\pm$ SD	N	Mean $\pm$ SD		
CML, nmol/mol	88	1376 $\pm$ 1249	357	1643 $\pm$ 2742	0.373	419	1621 $\pm$ 2583	26	1101 $\pm$ 923	0.308
Log CML	88	6.6 $\pm$ 1.5	357	6.8 $\pm$ 1.5	0.39	419	6.8 $\pm$ 1.4	26	6.4 $\pm$ 1.6	0.191
Glyoxal, nmol/L	26	772 $\pm$ 330	90	664 $\pm$ 312	0.128	110	694 $\pm$ 323	6	588 $\pm$ 186	0.428
Methylglyoxal, nmol/L	26	541 $\pm$ 215	90	539 $\pm$ 217	0.962	110	532 $\pm$ 204	6	663 $\pm$ 377	0.148
esRAGE, pg/mL	26	1322 $\pm$ 696	88	1554 $\pm$ 973	0.261	108	1498 $\pm$ 933	6	1549 $\pm$ 695	0.896