

**S7 Table.** Pairwise comparisons among different HbA1c subgroups in diabetic patients for TTFT and CSS

Log-rank test (Mantel-Cox)	Dataset	HbA1c levels	< 6.5%		≥ 6.5% and < 8.0%		≥ 8.0%	
			Chi-square	p-value	Chi-square	p-value	Chi-square	p-value
TTFT (overall p > 0.05)	Unmatched (complete) dataset	< 6.5%	-	-	2.123	0.145	0.547	0.460
		≥ 6.5% and < 8.0%	2.123	0.145	-	-	0.126	0.723
		≥ 8.0%	0.547	0.460	0.126	0.723	-	-
	Propensity score- matched (1:1) dataset <sup>a)</sup>	< 6.5%	-	-	2.391	0.122	1.185	0.276
		≥ 6.5% and < 8.0%	2.391	0.122	-	-	0.003	0.959
		≥ 8.0%	1.185	0.276	0.003	0.959	-	-
CSS (overall p < 0.05)	Unmatched (complete) dataset	< 6.5%	-	-	3.381	0.066	7.843	0.005
		≥ 6.5% and < 8.0%	3.381	0.066	-	-	0.524	0.469
		≥ 8.0%	7.843	0.005	0.524	0.469	-	-
	Propensity score- matched (1:1) dataset <sup>a)</sup>	< 6.5%	-	-	4.240	0.039	5.937	0.015
		≥ 6.5% and < 8.0%	4.240	0.039	-	-	0.051	0.821
		≥ 8.0%	5.937	0.015	0.051	0.821	-	-

TTFT, time-to-first-treatment; CSS, cancer-specific survival; HbA1c, hemoglobin A1c;  $\beta_2$ -MG,  $\beta_2$ -microglobulin; *IGHV*, immunoglobulin heavy chain variable region. <sup>a)</sup>Propensity score-matched (1:1) analyses were performed with a small caliper of 0.1 for matching potential cofounders including age, Binet stage,  $\beta_2$ -MG levels, *TP53* disruption, *IGHV* mutational status, etc.