

**S5 Table.** Pairwise comparisons among different diabetic status for TTFT and CSS before and after propensity matching

Log-rank test (Mantel-Cox)	Dataset	Diabetic status	No diabetic tendency		Pre-diabetic		Diabetic	
			Chi-square	p-value	Chi-square	p-value	Chi-square	p-value
TTFT (overall p < 0.01)	Unmatched (complete) dataset	No diabetic tendency	-	-	40.148	< 0.001	28.738	< 0.001
		Pre-diabetic	40.148	< 0.001	-	-	1.563	0.211
		Diabetic	28.738	< 0.001	1.563	0.211	-	-
	Propensity score-matched (1:1) dataset <sup>a)</sup>	No diabetic tendency	-	-	10.921	0.001	5.863	0.015
		Pre-diabetic	10.921	0.001	-	-	1.663	0.197
		Diabetic	5.863	0.015	1.663	0.197	-	-

TTFT, time-to-first-treatment; CSS, cancer-specific survival; ECOG, Eastern Cooperative Oncology Group; PS, performance status; IPI, international prognostic index; ALC, absolute lymphocytic count; Hb, hemoglobin; PLT, platelet; LDH, lactate dehydrogenase;  $\beta$ 2-MG,  $\beta$ 2-microglobulin; CRP, C-reactive protein; *IGHV*, immunoglobulin heavy chain variable region; ZAP-70, zeta-chain associated protein kinase 70. <sup>a)</sup>Propensity score-matched (1:1) analyses were performed with a small caliper of 0.1 for matching potential cofounders including sex, age, Binet stage, ECOG PS, Hb, PLT, LDH and  $\beta$ 2-MG levels, *TP53* disruption, *ATM* deletion, *IGHV* mutational status, CD38 and ZAP-70 expressions.