

Table S13. Baseline characteristics and its correlation with PPS (bivariate analysis, n=166)

Baseline Characteristics	PPS (months) [~]	
	HR (95% CI)	P value
Age [§]	1.008 (0.993 to 1.022)	.30
Sex [#]	1.014 (0.658 to 1.563)	.95
Ethnicity ⁺	0.846 (0.550 to 1.302)	.45
Subtype ^{&}		
Acral	0.879 (0.502 to 1.540)	.65
Mucosal	1.247 (0.609 to 2.553)	.55
Ocular	1.208 (0.512 to 2.848)	.67
UP	0.577 (0.281 to 1.182)	.13
Previous systemic treatment [@]	1.072 (0.659 to 1.743)	.78
Mutation [`]		
BRAF	0.630 (0.368 to 1.080)	.09
NRAS	0.768 (0.399 to 1.475)	.43
C-KIT	0.598 (0.231 to 1.552)	.29
M stage [%]		
M1b	1.357 (0.691 to 2.663)	.38
M1c	1.067 (0.580 to 1.961)	.84
M1d	0.954 (0.456 to 1.996)	.90
M0 (unresectable)	1.097 (0.145 to 8.310)	.93
Number of organ involved [§]	1.013 (0.820 to 1.253)	.90

[~]Cox proportional hazards regression model, adjusted for target lesion measurement at baseline. [§]As a continuous variable. [#]Female as the reference group. ⁺Non-Caucasian as the reference group.

[&]Cutaneous melanoma as the reference. [@]Without previous systemic treatment as the reference group.

[`]Others as the reference group. [%]M1a as the reference group.