

Table S7. Baseline characteristics, response pattern and their correlation with number of culprit organ at disease progression (multivariate analysis, n=166)

	Number of culprit organ [~] [§]	
	Coefficient (95% CI)	P value
Baseline Characteristics		
Age [§]	-0.014 (-0.027 to -0.001)	.03
Ethnicity ⁺	-0.012 (-5.008 to 0.477)	.96
Subtype ^{&}		
Acral	-0.192 (-7.286 to 0.345)	.48
Mucosal	0.723 (0.130 to 1.316)	.02
Ocular	-0.231 (-0.970 to 0.507)	.54
UP	-0.293 (-0.800 to 0.214)	.26
M stage [%]		
M1b	0.399 (-0.106 to 0.904)	.12
M1c	-0.020 (-0.539 to 0.500)	.94
M1d	-0.440 (-1.089 to 0.208)	.18
M0 (unresectable)	-0.292 (-1.744 to 1.160)	.69
Number of organ involved [§]	0.387 (0.188 to 0.586)	<.001
Response pattern		
Tumor percent change (%) [§]	0.006 (0.003 to 0.010)	.001
Time to nadir (months) [§]	0.017 (-0.058 to 0.093)	.65
PFS (month) [§]	-0.017 (-0.062 to 0.028)	.45

[~]Linear regression model, incorporating all variables with statistical significance or marginal significance in bivariate analyses (Table S6) and also adjusted for target lesion size at baseline. [§]As a continuous variable. ⁺Non-Caucasian as the reference group. [&]Cutaneous melanoma as the reference. [%]M1a as the reference group.