

Table S5. Baseline characteristics, response pattern and their correlations with general progression pattern**(multivariate analysis, n=166)**

	General progression pattern [~]	
	Coefficient (95% CI)	P value [!]
Baseline characteristics		
Age[§]	0.983 (0.957 to 1.010)	.21
Subtype^{&}		
Acral	0.470 (0.171 to 1.295)	.14
Mucosal	8.103 (1.819 to 36.092)	.006
Ocular	0.968 (0.222 to 4.225)	.96
UP	0.627 (0.199 to 1.972)	.42
Previous systemic treatment	2.988 (1.174 to 7.605)	.02
Response pattern		
Tumor percent change (%)[§]	1.020 (1.009 to 1.030)	<.001
PFS[§]	0.994 (0.934 to 1.059)	.86

[~]Dichotomous outcome, defined as both new lesion(s) & enlargement vs. new lesion(s) or enlargement only, with the latter as the reference group. [!]All variates with definitive or marginal statistical significance in bivariate analyses (Table S4) and target lesion measurement at baseline incorporated. [§]As a continuous variable. [&]Cutaneous melanoma as the reference.