

**S2 Table.** Characteristics of 43 patients with primary melanoma and corresponding metastatic tumors

<b>Characteristic</b>	<b>Total</b>	<b>Concordance</b>	<b>Discordance</b>	<b>p-value</b>
<b>Age (yr)</b>				
Median (range)	60 (37-87)	65 (37-87)	58 (39-78)	0.616
<b>Sex</b>				
Male	25	10 (40.0)	15 (60.0)	0.223
Female	18	11 (61.1)	7 (38.9)	
<b>Subtype</b>				
Non-CSD	12	4 (33.3)	8 (66.7)	0.092
CSD	0	0 (0.0)	0 (0.0)	
Acral	19	8 (42.1)	11 (57.9)	
Mucosal	7	4 (57.1)	3 (42.9)	
Uveal	5	5 (100.0)	0	
<b>Stage at the time of diagnosis</b>				
I	4	2 (50.0)	2 (50.0)	0.207
II	18	12 (66.7)	6 (33.3)	
III	19	6 (31.6)	13 (68.4)	
IV	2	1 (50.0)	1 (50.0)	
<b>Type of metastasis</b>				
Lymph node metastasis	16	6 (37.5)	10 (62.5)	0.180
Distant metastasis	20	12 (60)	8 (40)	
Both lymph node and distant metastasis	7	1 (14.3)	6 (85.7)	0.692
Synchronous	12	4 (33.3)	8 (66.7)	
Metachronous	31	15 (48.4)	16 (51.6)	
No systemic therapy	15	11 (73.3)	4 (26.7)	0.012
Systemic therapy	16	4 (25.0)	12 (75.0)	
Interferon treatment only	9	1 (11.1)	8 (88.9)	0.284
Chemotherapy only	1	0	1 (100)	
Radiotherapy only	1	1 (100)	0	
Chemotherapy+Radiotherapy	2	1 (50.0)	1 (50.0)	
Interferon treatment+Chemotherapy+Radiotherapy	3	1 (33.3)	2 (66.7)	
<b>Total</b>	43	19 (44.2)	24 (55.8)	

Values are presented as number (%). CSD, chronic sun-induced damage.