

ภาคผนวก

Multivariate Tests^a

Effect		Value	F	Hypothesis df	Error df	Sig.	Partial Eta Squared
Intercept	Pillai's Trace	.901	279044.160 ^b	3.000	92185.000	.000	.901
	Wilks' Lambda	.099	279044.160 ^b	3.000	92185.000	.000	.901
	Hotelling's Trace	9.081	279044.160 ^b	3.000	92185.000	.000	.901
	Roy's Largest Root	9.081	279044.160 ^b	3.000	92185.000	.000	.901
colorname	Pillai's Trace	1.578	7871.687	39.000	276561.000	.000	.526
	Wilks' Lambda	.074	9863.093	39.000	272980.226	.000	.580
	Hotelling's Trace	4.921	11632.647	39.000	276551.000	.000	.621
	Roy's Largest Root	2.808	19909.005 ^c	13.000	92187.000	.000	.737
Group	Pillai's Trace	.001	20.223 ^b	3.000	92185.000	.000	.001
	Wilks' Lambda	.999	20.223 ^b	3.000	92185.000	.000	.001
	Hotelling's Trace	.001	20.223 ^b	3.000	92185.000	.000	.001
	Roy's Largest Root	.001	20.223 ^b	3.000	92185.000	.000	.001
lighttype	Pillai's Trace	.002	57.308 ^b	3.000	92185.000	.000	.002
	Wilks' Lambda	.998	57.308 ^b	3.000	92185.000	.000	.002
	Hotelling's Trace	.002	57.308 ^b	3.000	92185.000	.000	.002
	Roy's Largest Root	.002	57.308 ^b	3.000	92185.000	.000	.002
colorname * Group	Pillai's Trace	.005	12.645	36.000	276561.000	.000	.002
	Wilks' Lambda	.995	12.650	36.000	272371.598	.000	.002
	Hotelling's Trace	.005	12.655	36.000	276551.000	.000	.002
	Roy's Largest Root	.003	24.271 ^c	12.000	92187.000	.000	.003

Effect		Value	F	Hypothesis df	Error df	Sig.	Partial Eta Squared
colorname	Pillai's Trace	.005	14.108	36.000	276561.000	.000	.002
* lighttype	Wilks' Lambda	.995	14.113	36.000	272371.598	.000	.002
	Hotelling's Trace	.006	14.117	36.000	276551.000	.000	.002
	Roy's Largest Root	.003	23.993 ^c	12.000	92187.000	.000	.003
Group *	Pillai's Trace	.000	11.704 ^b	3.000	92185.000	.000	.000
lighttype	Wilks' Lambda	1.000	11.704 ^b	3.000	92185.000	.000	.000
	Hotelling's Trace	.000	11.704 ^b	3.000	92185.000	.000	.000
	Roy's Largest Root	.000	11.704 ^b	3.000	92185.000	.000	.000
colorname	Pillai's Trace	.001	2.830	36.000	276561.000	.000	.000
* Group *	Wilks' Lambda	.999	2.830	36.000	272371.598	.000	.000
lighttype	Hotelling's Trace	.001	2.830	36.000	276551.000	.000	.000
	Roy's Largest Root	.001	4.592 ^c	12.000	92187.000	.000	.001

a. Design: Intercept + colorname + Group + lighttype + colorname * Group + colorname * lighttype + Group * lighttype + colorname * Group * lighttype

b. Exact statistic

c. The statistic is an upper bound on F that yields a lower bound on the significance level.