

ANOVA: EDS by Cluster

	Source	Df	Sum_Sq	Mean_Sq	F_value	Pr_gt_F
1	Cluster (cl3)	3	66.7	22.230	140.9	< 2e-16 ***
2	Residuals	9892	1561.0	0.158	NA	

Tukey HSD: EDS by Cluster

	Comparison	Diff	LWR	UPR	p_adj
1	2-1	-0.090	-0.116	-0.064	<.001
2	3-1	0.029	0.002	0.057	0.031
3	4-1	0.199	0.161	0.238	<.001
4	3-2	0.119	0.093	0.146	<.001
5	4-2	0.289	0.252	0.327	<.001
6	4-3	0.170	0.131	0.209	<.001

Contingency Table: Sex by Cluster

	1	2	3	4
<i>M</i>	1260	1486	1457	644
<i>F</i>	1613	1898	1250	288

Chi-squared Test: Sex vs. Cluster

	Statistic	df	p_value
1	241.32	3	< 2.2e-16