

Variables by Cluster

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Cluster	Variable	1 - RSquare Ratio
Cluster 1	MONTHS_SINCE_ORIGIN	0.1694
	LIFETIME_CARD_PROM	0.0964
	LIFETIME_PROM	0.1097
	LIFETIME_GIFT_AMOUNT	0.6593
	LIFETIME_GIFT_COUNT	0.4943
	MONTHS_SINCE_FIRST_GIFT	0.1536
	mi_WEALTH_RATING	0.5208
Cluster 2	RECENT_AVG_GIFT_AMT	0.4247
	RECENT_AVG_CARD_GIFT_AMT	0.6359
	LIFETIME_GIFT_RANGE	0.3966
	LIFETIME_MAX_GIFT_AMT	0.1463
	LAST_GIFT_AMT	0.4065
Cluster 3	MEDIAN_HOME_VALUE	0.2932
	MEDIAN_HOUSEHOLD_INCOME	0.2241
	PER_CAPITA_INCOME	0.1872
	nses1	0.5398
Cluster 4	FREQUENCY_STATUS_97NK	0.3979
	RECENT_RESPONSE_PROP	0.2056
	RECENT_CARD_RESPONSE_PROP	0.3633
	RECENT_RESPONSE_COUNT	0.2453
	RECENT_CARD_RESPONSE_COUNT	0.2223
Cluster 5	CARD_PROM_12	0.3716
	NUMBER_PROM_12	0.2871
	MONTHS_SINCE_LAST_GIFT	0.5233
Cluster 6	nses_	0.0000
	nurb_	0.0000
Cluster 7	mi_DONOR_AGE	0.3349
	mi_INCOME_GROUP	0.4338
Cluster 8	PCT_MALE_VETERANS	0.0000
Cluster 9	PCT_VIETNAM_VETERANS	0.3168
	PCT_WWII_VETERANS	0.3527
Cluster 10	LIFETIME_AVG_GIFT_AMT	0.3681
	LIFETIME_MIN_GIFT_AMT	0.1462
Cluster 11	nses3	0.2840
	cluster_swoe	0.3086
Cluster 12	PEP_STAR	0.3905
	STATUS_ES	0.3201

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Cluster	Variable	1 - RSquare Ratio
Cluster 13	PCT_MALE_MILITARY	0.0000
Cluster 14	nurbu	0.0000
Cluster 15	nurbt	0.0000
Cluster 16	home01	0.0000
Cluster 17	nurbr	0.0000
Cluster 18	DONOR_AGE	0.0000
Cluster 19	STATUS_FL	0.0000
Cluster 20	MOR_HIT_RATE	0.0000
Cluster 21	nses4	0.0000
Cluster 22	INCOME_GROUP	0.0000
Cluster 23	RECENT_STAR_STATUS	0.0000
Cluster 24	IN_HOUSE	0.0000
Cluster 25	WEALTH_RATING	0.0000
Cluster 26	PUBLISHED_PHONE	0.0000
Cluster 27	PCT_OWNER_OCCUPIED	0.0000
Cluster 28	nurbs	0.0000

Obs	Number of Clusters	Total Variation Explained by Clusters	Proportion of Variation Explained by Clusters	Minimum Proportion Explained by a Cluster	Maximum Second Eigenvalue in a Cluster	Minimum R-squared for a Variable	Maximum 1-R**2 Ratio for a Variable
1	1	7.932328	0.1497	0.1497	5.826522	0.0000	—
2	2	12.645612	0.2386	0.2177	4.131285	0.0000	1.0000
3	3	16.730624	0.3157	0.2603	3.075172	0.0007	1.0041
4	4	19.665398	0.3710	0.2603	2.436935	0.0005	1.0278
5	5	21.840212	0.4121	0.3119	1.949434	0.0005	1.0616
6	6	23.775930	0.4486	0.3119	1.795110	0.0005	1.1896
7	7	25.538296	0.4819	0.3119	1.486987	0.0005	1.3666
8	8	26.833836	0.5063	0.3576	1.416451	0.0005	1.2155
9	9	28.070094	0.5296	0.3576	1.303067	0.0005	1.2155
10	10	28.813747	0.5437	0.3576	1.089054	0.0020	1.2155
11	11	29.827100	0.5628	0.3576	1.076913	0.0020	1.2155
12	12	30.722383	0.5797	0.3576	1.017719	0.0024	1.2155
13	13	31.720428	0.5985	0.3576	1.003693	0.0045	1.2155
14	14	32.715792	0.6173	0.3576	0.998028	0.0045	1.2182
15	15	33.713820	0.6361	0.3576	0.990889	0.0590	1.2182
16	16	34.664584	0.6540	0.4465	0.987679	0.0590	0.9570
17	17	35.628268	0.6722	0.4465	0.958577	0.0590	0.9570
18	18	36.579098	0.6902	0.4465	0.923508	0.1678	0.9477
19	19	37.415611	0.7060	0.4465	0.917929	0.1736	0.8674
20	20	38.286771	0.7224	0.4604	0.888606	0.1736	0.8674
21	21	39.168115	0.7390	0.5729	0.855329	0.1736	0.8674
22	22	39.964918	0.7541	0.5833	0.853670	0.1736	0.8674
23	23	40.818171	0.7702	0.5833	0.787615	0.3566	0.7397
24	24	41.488014	0.7828	0.6105	0.780909	0.3566	0.7397
25	25	42.211853	0.7965	0.6105	0.778992	0.5030	0.6593
26	26	42.990846	0.8111	0.6312	0.737511	0.5030	0.6593
27	27	43.728356	0.8251	0.6380	0.724100	0.5030	0.6593
28	28	44.452456	0.8387	0.6676	0.687113	0.5030	0.6593