

Feature Importances

		SOEP				GIP				GESIS				MCS				FREDA			
		Gradient Boosting Classifier	Logistic Regression Penalised	Logistic Regression Unpenalised	Random Forest Classifier	Gradient Boosting Classifier	Logistic Regression Penalised	Logistic Regression Unpenalised	Random Forest Classifier	Gradient Boosting Classifier	Logistic Regression Penalised	Logistic Regression Unpenalised	Random Forest Classifier	Gradient Boosting Classifier	Logistic Regression Penalised	Logistic Regression Unpenalised	Random Forest Classifier	Gradient Boosting Classifier	Logistic Regression Penalised	Logistic Regression Unpenalised	Random Forest Classifier
Age		0.018	0.009	0.009	0.014	0.006	0.002	0.002	0.016	0.011	0.009	0.009	0.031	0.004	0.004	0.004	0.017	0.023	0.008	0.008	0.039
	Historic Nonresponse Rate	0.025	0.016	0.016	0.019	0.169	0.196	0.197	0.144	0.148	0.169	0.170	0.091	0.255	0.225	0.225	0.200	0.000	0.000	0.000	0.000
Household Income		0.001	0.001	0.001	0.003	0.005	0.003	0.003	0.010	0.005	0.005	0.005	0.017	0.001	0.003	0.003	0.010	0.000	0.000	0.000	0.000
Household Size		0.007	0.004	0.004	0.008	0.003	0.001	0.001	0.010	0.002	0.002	0.002	0.016	0.000	0.000	0.000	0.009	0.015	0.013	0.013	0.032
Invited Waves		0.001	0.001	0.001	-0.001	0.000	0.000	0.000	-0.000	0.002	0.007	0.007	-0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Is Married		0.043	0.046	0.046	0.027	0.001	0.000	0.000	0.002	0.000	-0.000	-0.000	0.010	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000
Is Unemployed		-0.000	0.002	0.002	0.002	0.001	0.000	0.000	0.007	0.001	0.000	0.000	0.008	0.000	-0.000	-0.000	0.007	-0.002	-0.005	-0.005	0.000
Missing Age		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-0.000	0.000	0.000	0.001	0.000	0.000	0.022	0.022	0.003
Missing Household Income		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.001	0.002	0.000	0.003	0.003	0.003	0.000	0.000	0.000	0.000
Missing Household Size		0.000	0.000	0.000	0.000	0.000	0.002	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.003	0.010	0.010	0.002
Missing Is Married		0.000	0.000	0.000	0.000	0.000	0.000	0.001	-0.000	0.000	-0.000	-0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Missing Is Unemployed		0.000	0.000	0.000	0.000	0.001	0.001	0.002	-0.000	0.000	0.000	0.000	0.000	-0.000	-0.000	-0.000	0.001	0.000	0.000	0.000	-0.000
Missing Personal Income		-0.000	0.005	0.005	-0.003	0.000	0.001	0.001	0.002	0.000	0.000	0.000	-0.000	-0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000
Missing Sex Female		0.000	0.000	0.000	0.000	0.000	0.000	0.000	-0.000	0.000	0.000	0.000	-0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Nonresponse This Wave		0.053	0.051	0.051	0.070	0.059	0.045	0.044	0.065	0.025	0.024	0.023	0.034	0.013	0.016	0.016	0.022	0.000	0.000	0.000	0.000
Personal Income		0.002	0.002	0.002	0.002	0.003	0.000	0.000	0.009	0.002	0.001	0.001	0.020	0.000	0.000	0.000	0.009	0.000	0.000	0.000	0.000
Sex Female		0.002	0.001	0.001	0.005	0.000	-0.000	-0.000	0.006	0.001	0.000	0.000	0.010	0.000	0.000	0.000	0.007	0.042	0.052	0.052	0.037