

Supplementary Files

Summary statistics for predictor variables

Tables showing the frequency count of the unique categories for each variable. These values were transformed to numerical values prior to machine learning model training.

Variable	Some	A lot	A little	Nothing	Omitted	Invalid
GC01Q01	2217	1960	1095	550	172	82
GC01Q02	1843	1770	1356	774	253	80
GC01Q03	2050	1438	1441	788	267	92
GC01Q04	1848	1541	1466	830	302	89
GC01Q05	1974	1702	1423	608	293	76
GC01Q06	1697	1930	1215	745	413	76
GC01Q07	1705	1401	1454	1001	434	81
GC01Q08	1864	1588	1339	819	398	68
GC01Q09	1756	1937	1118	849	365	51
GC01Q10	1956	1556	1488	667	323	86
GC01Q11	1723	2200	1137	544	379	93

Variable	Strongly Agree	Agree	Disagree	Strongly Disagree	Omitted	Invalid
GC03Q01	2840	2196	452	313	195	80
GC03Q02	1469	1896	1465	852	309	85
GC03Q03	1404	2130	1474	657	307	104
GC03Q04	1638	2454	993	591	291	109
GC03Q05	1195	1920	1674	878	334	75
GC03Q06	1136	1668	1696	1175	359	42
GC04Q06	1621	2316	1311	464	262	102
GC04Q07	2193	1962	992	565	321	43
GC05Q01	1663	2472	1105	583	182	71
GC05Q02	1581	2691	1113	375	233	83
GC05Q03	1172	1819	1506	1196	294	89
GC05Q06	1526	2280	1277	613	300	80
GC05Q07	2050	2200	900	542	315	69

Variable	Very worried	Quite worried	Not very worried	Not at all worried	Omitted	Invalid
GC06Q01	2075	1209	1140	1302	262	88
GC06Q02	1231	1642	1685	1084	339	95
GC06Q03	1373	1679	1486	1060	359	119
GC06Q04	1786	1494	1276	1080	355	85
GC06Q05	1942	1386	1227	1002	403	116
GC06Q06	2070	1318	1241	919	438	89
GC06Q07	1784	1511	1240	1012	460	69
GC06Q08	2217	1272	1164	946	429	48

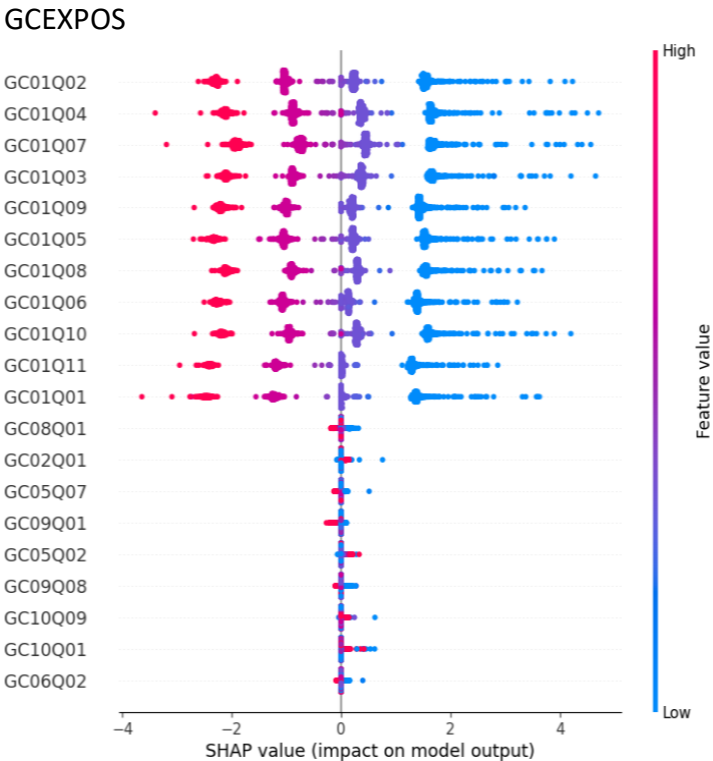
Variable	I will do this	I might do this	I might not do this	I will not do this	Omitted	Invalid
GC07Q01	2844	1687	619	636	197	92
GC07Q02	2073	1910	943	806	267	77
GC07Q03	3160	1520	700	342	257	97
GC07Q04	2509	1692	855	641	289	90
GC07Q05	2743	1656	796	504	311	66
GC07Q06	2798	1703	727	472	322	54

Variable	Strongly Agree	Agree	Disagree	Strongly Disagree	Omitted	Invalid
GC08Q01	1258	1814	1616	1043	257	88
GC08Q02	1536	2182	1292	686	301	79
GC08Q03	2123	2128	983	419	304	119
GC08Q04	1960	2171	867	641	349	88
GC08Q05	1839	2129	1038	657	361	52

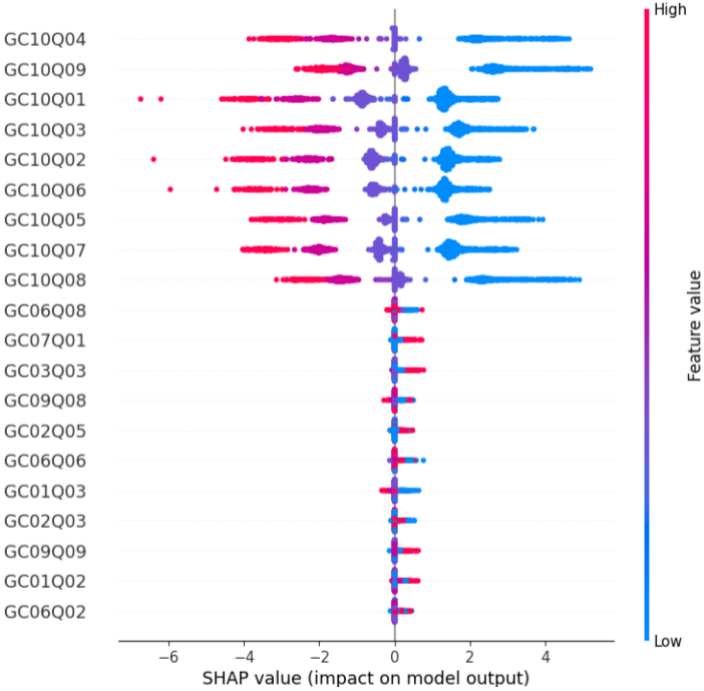
Variable	Very likely	Quite likely	Not very likely	Not at all likely	Omitted	Invalid
GC09Q01	3943	1203	359	267	215	89
GC09Q02	2420	1892	891	494	286	93
GC09Q03	2497	1712	1025	442	281	119
GC09Q08	1774	1706	1353	843	334	66
GC09Q09	2028	1680	1133	812	375	48

Variable	Very important	Quite important	Not very important	Not at all important	Omitted	Invalid
GC10Q01	3282	1668	451	271	320	83
GC10Q02	2968	1655	654	322	395	82
GC10Q03	2643	1676	870	390	378	119
GC10Q04	2060	1841	1072	606	391	106
GC10Q05	2495	1747	884	467	395	88
GC10Q06	3170	1307	675	389	449	86
GC10Q07	2752	1560	784	444	450	86
GC10Q08	1745	1988	1167	636	467	73
GC10Q09	1844	1767	1166	796	446	57

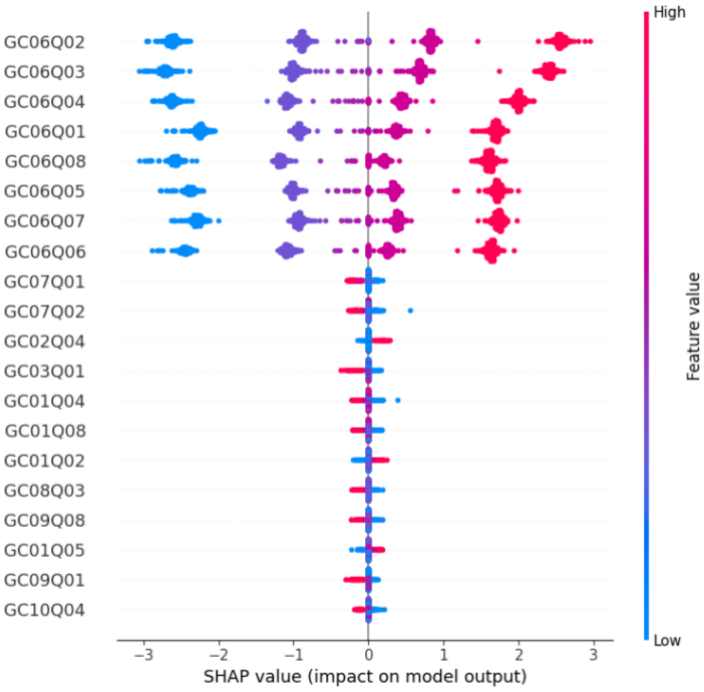
Outputs of SHAP Analysis



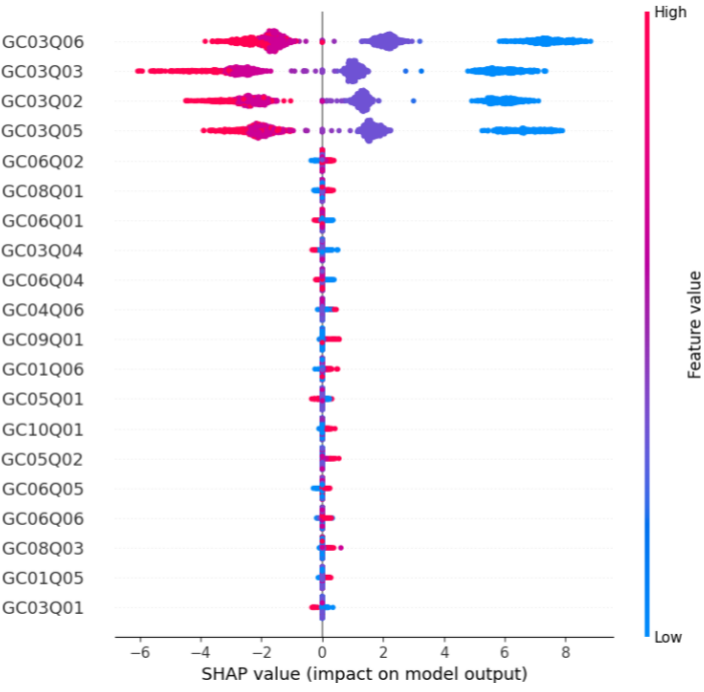
GCLEARN



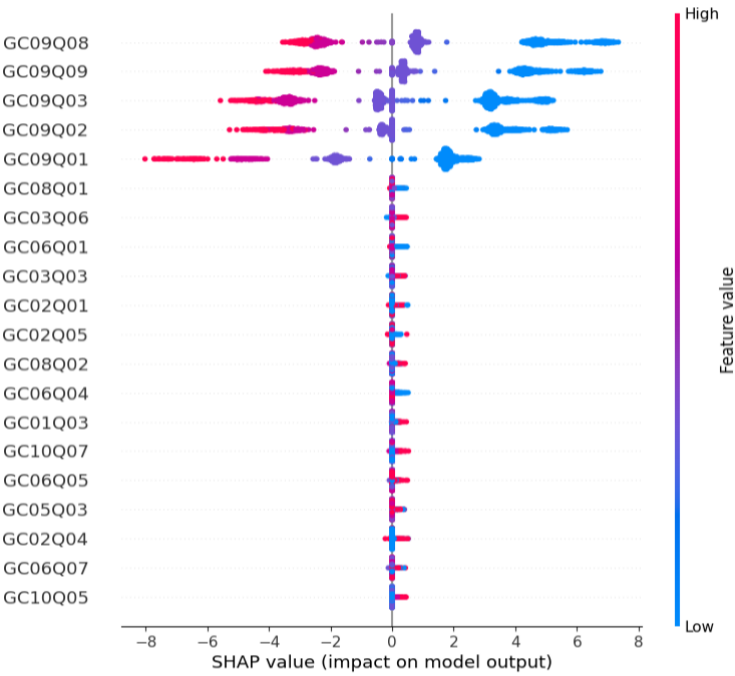
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