

	Y001	Y002	Y003	Y004	Y005	Y006	Y007	Y008	Y009	Y010	Y011	Y012	Y013	Y014	Y015	Y016	Y017	Y018	Y019	Y020	Y021	Y022	Y023	Y024	Y025	Y026	Y027	Y028	Y029	Y030	
X11	1	0	1	1	0	0	0	1	1	1	1	0	1	1	0	0	0	1	1	1	1	0	0	1	0	0	1	1	0	0	
X12	0	1	0	0	1	1	1	0	0	0	0	1	0	0	1	1	1	0	0	0	0	1	1	0	1	1	0	0	1	1	
X21	0	0	1	1	0	0	0	1	1	1	1	0	0	1	0	0	0	1	0	0	0	1	0	0	1	0	0	1	1	0	
X22	1	1	0	0	1	1	1	0	0	0	0	1	1	0	1	1	1	0	1	1	0	1	1	0	1	1	0	0	1	0	
X31	1	1	0	0	1	1	0	0	0	0	0	1	0	0	1	1	1	0	0	0	0	1	1	0	1	1	0	0	1	1	
X32	0	0	1	1	0	0	1	1	1	1	1	0	1	1	0	0	0	1	1	1	1	0	0	1	0	0	1	1	0	0	
X41	0	0	1	1	0	1	0	1	1	1	0	0	1	0	0	0	0	1	1	1	0	0	0	1	0	0	0	1	0	1	
X42	1	1	0	0	1	0	1	0	0	0	1	1	0	1	1	1	1	0	0	0	1	1	1	0	1	1	1	1	0	1	0
X51	0	0	1	1	0	1	0	1	1	0	1	1	0	0	1	0	0	1	0	1	1	1	0	1	0	0	1	1	0	1	
X52	1	1	0	0	1	0	1	0	0	1	0	0	1	1	0	1	1	0	1	0	0	0	1	0	1	1	0	0	1	0	
X61	1	1	0	0	1	1	1	0	0	1	1	0	1	0	0	1	1	1	0	1	1	1	0	0	1	1	0	0	1	1	
X62	0	0	1	1	0	0	0	1	1	0	0	1	0	1	1	0	0	0	1	0	0	0	1	1	0	0	1	1	0	0	
X71	0	0	1	1	0	0	1	1	1	1	0	0	0	1	0	0	1	1	1	0	1	0	0	0	1	1	1	1	1	1	
X72	1	1	0	0	1	1	0	0	0	0	1	1	1	0	1	1	0	0	0	1	0	1	1	1	0	0	0	0	0	0	
X81	1	1	0	0	1	1	1	1	0	0	1	1	1	0	0	1	1	0	0	1	0	0	1	0	1	1	1	1	1	0	
X82	0	0	1	1	0	0	0	0	1	1	0	0	0	1	1	0	0	1	1	0	1	1	0	1	0	0	0	0	0	1	
X91	1	1	0	0	1	0	0	0	0	0	1	1	0	0	1	1	1	1	0	0	0	1	0	0	0	0	1	1	0	0	
X92	0	0	1	1	0	1	1	1	1	1	0	0	1	1	0	0	0	0	1	1	1	0	1	1	1	1	0	0	1	1	
	A	A	I	I	A	A	A	I	I	I	I	A	A	I	A	A	I	I	A	A	I	I	A	I	A	A	I	I	A	I	

	Y031	Y032	Y033	Y034	Y035	Y036	Y037	Y038	Y039	Y040	Y041	Y042	Y043	Y044	Y045	Y046	Y047	Y048	Y049	Y050	Y051	Y052	Y053	Y054	Y055	Y056	Y057	Y058	Y059	Y060	
X11	0	0	0	1	1	1	1	0	0	1	1	0	0	0	1	1	1	0	1	0	1	1	0	1	0	0	0	0	1	1	
X12	1	1	1	0	0	0	0	1	1	0	0	1	1	1	0	0	0	1	0	1	0	0	1	0	1	1	1	1	1	0	0
X21	0	0	0	1	1	1	0	0	1	0	1	0	0	1	1	0	1	1	0	0	1	1	0	0	1	1	0	1	1	0	
X22	1	1	1	0	0	0	1	1	0	1	0	1	1	0	0	1	0	0	1	1	0	0	1	1	0	0	1	0	0	1	
X31	1	1	1	0	0	0	1	1	0	0	1	1	1	1	0	0	0	0	1	0	1	1	1	0	1	1	1	0	0	0	
X32	0	0	0	1	1	1	0	0	1	1	0	0	0	0	1	1	1	1	0	1	0	0	0	1	0	0	0	1	1	1	
X41	0	0	1	0	1	1	1	0	1	0	1	0	0	0	0	1	1	1	0	0	0	1	0	0	0	0	0	1	1	1	
X42	1	1	0	1	0	0	0	1	0	1	0	1	1	1	1	0	0	0	1	1	1	0	1	1	1	1	1	1	0	0	0
X51	0	0	0	1	1	1	0	0	0	1	0	1	0	1	1	1	1	1	0	0	1	1	0	0	0	0	1	0	1	0	
X52	1	1	1	0	0	0	1	1	1	0	1	0	1	0	0	0	0	0	1	1	0	0	1	1	1	1	1	0	1	0	1
X61	1	1	0	0	0	0	1	1	1	0	1	0	1	0	1	0	0	0	0	1	0	0	1	1	0	1	1	0	0	0	
X62	0	0	1	1	1	1	0	0	0	1	0	1	0	1	0	1	1	1	1	0	1	1	0	0	1	0	0	1	1	1	
X71	0	0	1	1	1	1	0	0	0	1	0	0	0	0	1	1	1	1	1	0	1	1	0	0	0	1	0	1	1	1	
X72	1	1	0	0	0	0	1	1	1	0	1	1	1	1	0	0	0	0	0	1	0	0	1	1	1	0	1	0	0	0	
X81	0	0	0	1	1	1	0	1	0	1	0	0	1	0	1	1	1	1	1	0	1	1	0	0	1	1	0	1	1	1	
X82	1	1	1	0	0	0	1	0	1	0	1	1	0	1	0	0	0	0	0	1	0	0	1	1	0	0	1	0	0	0	
X91	1	1	1	0	0	0	1	0	1	0	1	0	0	1	0	0	0	0	0	1	0	0	1	1	1	1	1	0	0	0	
X92	0	0	0	1	1	1	0	1	0	1	0	1	1	0	1	1	1	1	1	0	1	1	0	0	0	0	0	1	1	1	
	A	A	A	I	I	I	A	A	A	I	A	A	A	A	I	I	I	I	I	A	I	I	A	A	A	A	A	I	I	I	

	Y061	Y062	Y063	Y064	Y065	Y066	Y067	Y068	Y069	Y070	Y071	Y072	Y073	Y074	Y075	Y076	Y077	Y078	Y079	Y080	Y081	Y082	Y083	Y084	Y085	Y086	Y087	Y088	Y089	Y090	
X11	1	1	1	1	1	0	0	0	1	1	0	0	1	1	1	1	1	0	0	0	0	0	1	1	0	1	1	1	0	1	
X12	0	0	0	0	0	1	1	1	0	0	1	1	0	0	0	0	0	1	1	1	1	1	0	0	1	0	0	0	1	0	
X21	0	1	1	1	0	0	1	1	1	0	0	1	0	0	0	1	1	1	0	0	0	1	0	0	0	1	1	0	0	0	
X22	1	0	0	0	1	1	0	0	0	1	1	0	1	1	1	0	0	0	1	1	1	0	1	1	1	1	0	0	1	1	1
X31	1	0	0	0	0	1	1	0	0	0	1	1	0	0	0	0	0	1	1	0	1	0	1	1	0	0	0	1	1	1	
X32	0	1	1	1	1	0	0	1	1	1	0	0	1	1	1	1	1	0	0	1	0	1	0	0	1	1	1	1	0	0	0
X41	0	1	1	1	0	1	1	0	0	0	1	1	0	0	0	0	0	1	1	1	1	0	1	1	0	0	0	1	1	1	
X42	1	0	0	0	1	0	0	1	1	1	0	0	1	1	1	1	1	0	0	0	0	1	0	0	1	1	1	1	0	0	0
X51	0	1	1	0	1	0	0	1	1	1	0	0	1	1	1	1	1	0	1	0	0	1	0	0	1	1	1	1	0	1	0
X52	1	0	0	1	0	1	1	0	0	0	1	1	0	0	0	0	0	1	0	1	1	0	1	1	0	0	0	1	0	1	
X61	0	0	0	1	0	0	1	0	0	0	1	1	0	0	0	0	0	1	1	0	1	0	1	0	1	0	0	0	1	1	
X62	1	1	1	0	1	1	0	1	1	1	0	0	1	1	1	1	1	0	0	1	0	1	0	1	0	1	1	1	1	0	0
X71	1	1	1	1	1	1	0	1	1	1	0	0	1	1	1	1	1	0	0	1	0	1	0	0	1	1	1	1	0	1	0
X72	0	0	0	0	0	0	1	0	0	0	1	1	0	0	0	0	0	1	1	0	1	0	1	1	0	0	0	1	0	1	
X81	1	0	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	1	0	1	0	1	1	1	1	1	1	1	0
X82	0	1	1	1	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	1
X91	0	0	1	1	0	0	1	0	0	0	1	1	0	0	0	0	0	1	0	1	1	1	0	1	0	0	0	1	1	1	
X92	1	1	0	0	1	1	0	1	1	1	0	0	1	1	1	1	1	0	1	0	0	0	1	0	1	1	1	1	0	0	0
	I	I	I	I	I	A	A	I	I	I	A	A	I	I	I	I	I	A	A	A	A	A	A	A	A	I	I	I	A	A	A

	Y091	Y092	Y093	Y094	Y095	Y096	Y097	Y098	Y099	Y100	Y101	Y102	Y103	Y104	Y105	Y106	Y107	Y108	Y109	Y110	Y111	Y112	Y113	Y114	Y115	Y116	Y117	Y118	Y119	Y120
X11	1	1	1	1	0	0	0	0	1	1	1	1	1	0	0	1	1	0	1	1	0	0	1	0	0	1	1	1	1	0
X12	0	0	0	0	1	1	1	1	0	0	0	0	0	1	1	0	0	1	0	0	1	1	0	1	1	0	0	0	0	1
X21	1	1	0	1	1	1	1	0	0	1	1	1	1	0	0	1	1	1	1	1	0	1	1	0	1	1	1	1	0	0
X22	0	0	1	0	0	0	0	1	1	0	0	0	0	1	1	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1
X31	0	0	0	1	0	1	0	1	1	0	0	0	1	0	1	1	1	1	0	0	1	1	0	1	1	1	0	1	0	1
X32	1	1	1	0	1	0	1	0	0	1	1	1	0	1	0	0	0	0	1	1	0	0	1	0	0	0	0	1	0	1
X41	0	0	0	0	1	1	1	0	0	0	0	0	0	1	1	1	1	0	1	0	0	0	0	0	1	1	0	0	1	1
X42	1	1	1	1	0	0	0	1	1	1	1	1	1	0	0	0	0	1	0	1	1	1	1	1	0	0	1	1	0	0
X51	1	1	0	0	1	1	1	0	1	1	1	1	1	0	0	0	1	0	1	0	0	1	1	0	1	0	1	1	1	0
X52	0	0	1	1	0	0	0	1	0	0	0	0	0	1	1	0	0	1	0	1	1	0	0	1	0	1	0	0	0	1
X61	0	0	0	1	1	1	1	0	0	0	0	0	0	1	1	1	0	1	0	0	1	0	1	0	1	0	0	1	0	1
X62	1	1	1	0	0	0	0	1	1	1	1	1	1	0	0	0	1	0	1	1	0	1	0	1	0	1	1	0	1	0
X71	1	1	1	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
X72	0	0	0	1	1	1	1	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	0
X81	1	1	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	0	0	0	0	1	1	1	1	0	1	1	0
X82	0	0	0	0	0	1	1	1	0	0	0	0	0	1	1	1	0	0	1	1	1	1	0	0	0	0	1	0	0	1
X91	0	0	0	1	1	0	1	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	1	0	1	1	0	0	0	0
X92	1	1	1	0	0	1	0	1	1	1	1	1	1	0	0	0	0	0	1	1	1	1	0	1	0	0	1	1	1	1
	I	I	I	A	A	A	A	A	I	I	I	I	I	A	A	A	I	I	A	A	A	A	I	I	I	I	A	A	A	A

	Y121	Y122	Y123	Y124	Y125	Y126	Y127	Y128	Y129	Y130	Y131	Y132	Y133	Y134	Y135	Y136	Y137	Y138	Y139	Y140	Y141	Y142	Y143	Y144	Y145	Y146	Y147	Y148	Y149	Y150	
X11	1	0	0	0	1	1	1	1	0	1	1	1	0	1	1	1	1	0	0	1	0	0	1	1	0	0	0	1	1	1	
X12	0	1	1	1	0	0	0	0	1	0	0	0	1	0	0	0	0	1	1	0	1	1	0	0	1	1	1	0	0	0	
X21	1	1	1	1	0	1	1	1	0	0	1	0	1	1	1	1	0	1	1	0	0	1	1	1	0	0	0	1	1	1	
X22	0	0	0	0	1	0	0	0	1	0	0	1	0	0	0	0	1	0	0	1	1	0	0	0	1	1	1	0	0	0	
X31	0	0	1	1	0	1	1	1	1	0	0	1	0	0	0	0	0	0	0	1	1	1	1	0	1	1	0	0	0	0	
X32	1	1	0	0	1	0	0	0	0	1	1	0	1	1	1	1	1	1	1	0	0	0	0	1	0	0	1	1	1	1	
X41	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0	0	1	0	0	1	0	1	1	1	
X42	0	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	0	1	0	0	0	
X51	0	1	1	0	0	1	0	0	0	1	1	1	0	0	1	0	1	0	0	1	0	0	1	1	1	1	0	1	1	0	
X52	1	0	0	1	1	0	1	1	1	0	0	0	1	1	0	1	0	1	1	0	1	1	0	0	0	0	0	1	0	0	1
X61	1	0	0	1	0	1	0	0	1	0	0	1	1	0	0	0	0	1	0	0	1	1	0	0	1	0	1	0	0	1	
X62	0	1	1	0	1	0	1	1	0	1	1	0	0	1	1	1	1	0	1	1	0	0	1	1	0	1	0	1	1	0	
X71	1	0	1	0	0	1	0	0	1	1	1	1	1	0	0	0	0	1	0	0	0	0	1	1	0	0	0	1	1	1	
X72	0	1	0	1	1	0	1	1	0	0	0	0	0	1	1	1	1	0	1	1	1	1	0	0	1	1	1	0	0	0	
X81	0	1	1	1	1	1	1	1	1	1	0	1	1	1	1	0	0	0	0	0	1	1	0	0	1	1	1	0	0	0	
X82	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	1	1	1	0	0	1	1	0	0	0	1	1	1	
X91	1	1	0	1	1	0	1	0	1	0	1	0	1	0	1	1	1	1	1	0	1	1	0	0	1	0	0	0	1	1	
X92	0	0	1	0	0	1	0	1	0	1	0	1	0	1	0	0	0	0	0	1	0	0	1	1	0	1	1	1	1	0	0
	A	A	I	I	I	I	I	I	A	I	I	A	A	I	A	I	A	I	I	A	A	A	I	I	A	A	A	I	I	I	

	Y151	Y152	Y153	Y154	Y155	Y156	Y157	Y158	Y159	Y160	Y161	Y162	Y163	Y164	Y165	Y166	Y167	Y168	Y169	Y170	Y171	Y172	Y173	Y174	Y175	Y176	Y177	Y178	Y179	Y180	
X11	1	0	1	1	0	0	0	0	1	1	1	0	0	1	0	0	1	1	0	0	0	1	0	1	0	0	1	0	1	1	
X12	0	1	0	0	1	1	1	1	0	0	0	1	1	0	1	1	0	0	1	1	1	0	1	0	1	1	0	1	0	0	
X21	1	0	0	1	0	0	1	1	1	0	0	1	0	0	1	1	1	1	1	0	1	0	0	0	1	1	1	0	1	1	
X22	0	1	1	0	1	1	0	0	0	1	0	1	1	0	1	0	0	0	1	0	0	1	1	1	0	0	0	1	0	0	
X31	0	1	0	0	1	0	1	0	0	1	0	1	1	0	1	1	1	1	1	1	0	1	0	0	0	0	1	0	0	0	
X32	1	0	1	1	0	1	0	1	1	0	1	0	0	1	0	0	0	0	0	0	1	0	1	1	1	1	1	0	1	1	1
X41	0	0	1	0	1	0	0	1	1	1	1	0	0	1	0	1	1	0	0	1	1	0	1	0	1	1	1	1	0	1	1
X42	1	1	0	1	0	1	1	0	0	0	0	1	1	0	1	0	0	1	1	0	0	1	0	1	0	0	0	1	0	0	
X51	1	1	0	1	1	0	0	1	0	1	1	0	0	1	0	1	1	0	0	1	1	1	0	1	1	1	1	0	0	1	0
X52	0	0	1	0	0	1	1	0	1	0	0	1	1	0	1	0	0	1	1	0	0	0	1	0	0	0	1	1	0	1	
X61	1	0	0	0	0	1	1	1	0	1	1	1	1	0	1	0	0	1	1	0	1	0	0	0	0	0	1	1	0	0	
X62	0	1	1	1	1	0	0	0	1	0	0	0	0	1	0	1	1	0	0	1	0	1	1	1	1	1	1	0	0	1	1
X71	0	1	0	1	0	0	1	1	1	0	1	0	0	1	1	1	1	0	0	1	1	1	1	1	1	1	1	0	0	1	1
X72	1	0	1	0	1	1	0	0	0	1	0	1	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	1	0	0
X81	0	1	1	0	0	1	1	0	0	1	0	0	1	0	0	1	1	1	1	0	1	1	0	1	1	1	1	0	1	1	1
X82	1	0	0	1	1	0	0	1	1	0	1	1	0	1	1	0	0	0	0	1	0	0	1	0	0	0	1	0	0	0	0
X91	1	1	0	0	1	1	1	1	0	0	0	1	0	0	0	0	1	1	0	0	0	0	1	0	0	0	1	0	1	1	1
X92	0	0	1	1	0	0	0	0	1	1	1	0	1	1	1	1	0	0	1	1	1	1	0	1	1	1	1	0	1	0	0
	I	A	A	I	A	A	I	I	A	A	I	I	A	I	A	A	I	I	A	I	I	I	A	I	I	I	A	A	I	I	

	Y181	Y182	Y183	Y184	Y185	Y186	Y187	Y188	Y189	Y190	Y191	Y192	Y193	Y194	Y195	Y196	Y197	Y198	Y199	Y200	Y201	Y202	Y203	Y204	Y205	Y206	Y207	Y208	Y209	Y210
X11	0	0	0	0	1	1	1	0	1	0	1	1	1	0	0	0	0	0	1	1	1	0	1	1	1	0	0	0	1	1
X12	1	1	1	1	0	0	0	1	0	1	0	0	0	1	1	1	1	1	0	0	0	1	0	0	0	1	1	1	0	0
X21	0	0	0	0	1	0	1	1	0	0	1	0	0	0	0	1	0	1	1	0	0	1	0	1	0	0	1	1	1	1
X22	1	1	1	1	0	1	0	0	1	1	0	1	1	1	1	0	1	0	0	1	1	0	1	0	1	1	0	0	0	0
X31	0	1	1	1	0	0	0	0	1	0	0	1	1	0	1	0	1	0	0	0	1	0	0	1	0	1	1	0	0	0
X32	1	0	0	0	1	1	1	1	0	1	1	0	0	1	0	1	0	1	1	1	0	1	1	0	1	0	0	1	1	1
X41	0	0	0	0	0	1	1	1	0	1	0	1	0	0	0	0	1	1	1	1	0	1	0	1	0	1	1	1	1	1
X42	1	1	1	1	1	0	0	0	1	0	1	0	1	1	1	1	0	0	0	0	1	0	1	0	1	0	0	0	0	0
X51	0	1	0	0	1	1	1	1	1	0	1	1	0	0	0	0	1	1	1	0	0	0	1	0	1	0	1	1	1	0
X52	1	0	1	1	0	0	0	0	0	1	0	0	1	1	1	1	0	0	0	1	1	1	0	1	0	1	0	0	0	1
X61	0	0	1	1	1	0	0	1	0	1	0	0	1	1	0	1	1	0	1	0	0	1	0	1	0	1	1	0	0	1
X62	1	1	0	0	0	1	1	0	1	0	1	1	0	0	1	0	0	1	0	1	1	0	1	0	1	0	0	1	1	0
X71	0	1	0	0	1	1	0	1	1	0	1	1	0	0	0	1	0	1	1	0	1	0	1	0	0	1	0	1	1	1
X72	1	0	1	1	0	0	1	0	0	1	0	0	1	1	1	0	1	0	0	1	0	1	0	1	1	0	1	0	0	0
X81	0	0	0	1	1	0	1	1	1	0	1	1	0	0	1	1	0	1	1	1	0	0	1	1	1	0	1	1	0	0
X82	1	1	1	0	0	1	0	0	0	1	0	0	1	1	0	0	1	0	0	0	1	1	0	0	0	1	0	0	1	1
X91	0	0	0	0	1	0	0	0	0	1	0	0	1	1	1	1	1	0	0	0	0	0	1	1	0	0	1	0	1	1
X92	1	1	1	1	0	1	1	1	1	0	1	1	0	0	0	0	0	1	1	1	1	1	0	0	1	1	0	1	0	0
	A	A	A	A	I	I	I	I	I	A	I	I	A	A	A	A	A	I	I	I	I	A	I	A	I	A	A	I	I	I

	Y211	Y212	Y213	Y214	Y215	Y216	Y217	Y218	Y219	Y220	Y221	Y222	Y223	Y224	Y225	Y226	Y227	Y228	Y229	Y230	Y231	Y232	Y233	Y234	Y235	Y236	Y237	Y238	Y239	Y240	
X11	1	1	1	1	0	1	1	0	0	0	0	0	1	1	0	1	1	1	1	0	1	1	1	1	0	0	0	0	1	1	
X12	0	0	0	0	1	0	0	1	1	1	1	1	0	0	1	0	0	0	0	1	0	0	0	0	1	1	1	1	0	0	
X21	0	1	1	0	1	1	1	1	0	0	0	1	0	0	0	1	1	1	0	0	0	1	0	1	1	1	1	0	0	1	
X22	1	0	0	1	0	0	0	0	1	1	1	0	1	1	1	0	0	0	1	1	1	0	1	0	0	0	0	0	1	1	0
X31	1	1	0	1	0	0	0	1	1	0	1	0	1	1	0	0	1	1	1	1	0	1	0	1	0	1	0	1	1	0	
X32	0	0	1	0	1	1	1	0	0	1	0	1	0	0	1	1	0	0	0	0	1	0	1	0	1	0	1	0	0	1	
X41	1	1	0	0	0	0	0	1	1	1	1	0	1	1	0	1	0	1	1	1	0	0	1	0	1	1	1	0	0	0	
X42	0	0	1	1	1	1	1	0	0	0	0	1	0	0	1	0	1	0	0	0	1	1	0	1	0	0	0	1	1	1	
X51	0	0	1	1	1	0	1	0	1	0	0	1	0	0	0	1	1	0	1	0	1	1	0	1	1	1	1	0	1	1	
X52	1	1	0	0	0	1	0	1	0	1	1	0	1	1	1	0	0	1	0	1	0	0	1	0	0	0	0	1	0	0	
X61	1	1	0	0	0	0	1	1	1	0	1	0	1	1	1	0	0	0	1	1	0	0	0	1	0	1	1	0	0	0	
X62	0	0	1	1	1	1	0	0	0	1	0	1	0	0	0	1	1	1	0	0	1	1	1	0	1	0	0	1	1	1	
X71	0	0	1	1	1	1	1	1	0	1	0	1	1	0	1	1	1	0	1	0	1	1	1	0	0	1	0	0	1	1	
X72	1	1	0	0	0	0	0	0	1	0	1	0	0	1	0	0	0	1	0	1	0	0	0	1	1	0	1	1	0	0	
X81	1	1	1	1	1	1	1	1	0	1	0	0	0	1	1	1	1	1	1	0	1	1	1	1	1	0	1	0	1	0	
X82	0	0	0	0	0	0	0	0	1	0	1	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	1	0	1
X91	1	1	0	0	0	0	0	1	0	0	0	1	0	1	0	0	0	1	1	1	0	0	0	1	1	0	1	1	1	0	
X92	0	0	1	1	1	1	1	0	1	1	1	0	1	0	1	1	1	0	0	0	1	1	1	0	0	1	0	0	0	1	
	A	A	I	I	I	I	I	A	A	A	A	A	A	A	I	I	I	A	A	A	I	I	I	A	A	A	A	A	I	I	

	Y241	Y242	Y243	Y244	Y245	Y246	Y247	Y248	Y249	Y250	Y251	Y252	Y253	Y254	Y255	Y256	Y257	Y258	Y259	Y260	Y261	Y262	Y263	Y264	Y265	Y266	Y267	Y268	Y269	Y270	
X11	1	1	1	0	0	1	0	1	1	1	0	0	1	0	0	1	1	1	1	0	1	0	0	0	0	0	0	1	1	1	1
X12	0	0	0	1	1	0	1	0	0	0	1	1	0	1	1	0	0	0	0	1	0	1	1	1	1	1	1	0	0	0	0
X21	1	1	1	0	0	0	1	1	0	1	0	0	1	0	1	1	1	1	1	0	0	1	1	1	0	0	1	0	1	1	1
X22	0	0	0	1	1	1	0	0	1	0	0	1	0	1	0	0	0	0	1	1	0	0	0	1	1	0	1	0	0	0	0
X31	0	0	1	0	0	1	1	1	0	1	1	1	1	1	1	1	0	1	0	1	0	0	0	1	0	1	1	0	0	0	0
X32	1	1	0	1	1	0	0	0	1	0	0	0	0	0	0	0	1	0	1	0	1	1	1	0	1	0	0	1	1	1	1
X41	0	0	0	0	1	1	1	0	1	0	1	0	0	1	1	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0
X42	1	1	1	1	0	0	0	1	0	1	0	1	1	0	0	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1
X51	1	1	0	0	0	0	1	0	1	0	1	1	0	0	1	0	1	1	1	1	0	1	1	1	0	0	1	0	0	1	0
X52	0	0	1	1	1	0	0	1	0	1	0	0	1	1	0	1	0	0	0	0	1	0	0	0	1	1	0	1	1	0	1
X61	0	1	0	1	1	1	0	1	0	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0	1	0	0	0	0	0
X62	1	0	1	0	0	0	1	0	1	1	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	0	1	1	1	1	1
X71	0	1	1	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1	1	0	1	0	0	1	0	0	0	0
X72	1	0	0	0	1	1	1	1	1	1	0	1	1	0	1	1	1	1	1	1	0	0	1	0	1	1	0	1	1	1	1
X81	1	1	1	0	0	0	1	1	0	0	0	0	1	1	0	1	0	0	1	0	0	1	1	1	1	1	1	1	1	1	0
X82	0	0	0	1	1	1	0	0	1	1	1	1	0	0	1	0	1	1	1	0	1	1	0	0	0	0	0	0	0	0	1
X91	0	0	0	1	1	1	1	1	0	0	0	1	1	0	1	0	1	0	0	0	1	1	0	1	1	0	1	0	0	0	1
X92	1	1	1	0	0	0	0	0	1	1	1	0	0	1	0	1	0	1	1	1	1	0	0	1	0	0	1	0	1	1	0
	I	I	I	A	A	A	I	I	A	A	I	A	I	I	I	I	A	A	A	A	A	A	I	I	I	I	I	I	A	A	

	Y271	Y272	Y273	Y274	Y275	Y276	Y277	Y278	Y279	Y280	Y281	Y282	Y283	Y284	Y285	Y286	Y287	Y288	Y289	Y290	Y291	Y292	Y293	Y294	Y295	Y296	Y297	Y298	Y299	Y300	
X11	0	1	0	1	1	0	1	0	0	1	0	0	1	0	0	0	1	1	1	1	0	0	1	0	0	0	1	0	0	1	
X12	1	0	1	0	0	1	0	1	1	0	1	1	0	1	1	1	0	0	0	0	1	1	0	1	1	1	1	0	1	1	0
X21	1	0	1	1	1	1	0	1	1	0	0	0	1	0	0	0	1	0	0	0	1	0	0	1	0	1	1	0	0	0	0
X22	0	1	0	0	0	0	1	0	0	1	0	1	0	1	1	1	0	1	1	0	1	1	0	1	1	0	0	1	1	1	1
X31	0	1	0	0	0	0	1	0	0	1	1	1	1	1	1	1	0	0	0	0	1	1	0	1	1	0	1	1	1	1	1
X32	1	0	1	1	1	1	0	1	1	0	0	0	0	0	0	0	1	1	1	1	0	0	1	0	0	1	0	0	0	0	0
X41	1	1	1	1	1	1	0	1	1	0	1	0	0	1	0	0	1	1	1	0	0	0	1	0	0	0	0	1	0	1	1
X42	0	0	0	0	0	0	1	0	0	1	0	1	1	0	1	1	0	0	0	1	1	1	0	1	1	1	1	0	1	0	0
X51	1	1	0	0	1	1	1	0	1	1	1	1	0	1	1	0	1	0	1	1	1	0	1	0	0	1	1	0	1	0	0
X52	0	0	1	1	0	0	0	1	0	0	0	0	1	0	0	1	0	1	0	0	0	1	0	1	1	0	0	1	0	1	1
X61	1	1	1	0	0	1	0	0	0	0	0	1	0	0	1	0	1	0	1	1	1	0	0	1	0	0	0	0	1	1	1
X62	0	0	0	1	1	0	1	1	1	1	1	0	1	1	0	1	0	1	0	0	0	1	1	0	1	1	1	1	0	0	0
X71	1	0	1	0	0	1	1	1	0	0	1	0	1	0	0	1	0	1	0	1	0	0	0	0	0	1	1	1	1	1	0
X72	0	1	0	1	1	0	0	0	1	1	0	1	0	1	1	0	1	0	1	0	1	1	1	1	0	0	0	0	0	0	1
X81	0	1	0	1	1	1	1	0	0	0	0	0	0	0	1	1	0	1	1	0	0	1	1	1	1	1	1	1	1	1	0
X82	1	0	1	0	0	0	0	1	1	1	1	1	1	1	0	0	1	0	0	1	1	0	0	0	0	0	0	0	0	0	1
X91	0	0	1	1	0	0	0	1	1	0	0	1	0	1	1	1	1	0	1	0	1	1	0	0	0	0	0	1	0	1	1
X92	1	1	0	0	1	1	1	0	0	1	1	0	1	0	0	0	0	1	0	1	0	0	1	1	1	1	0	1	0	0	0
	A	A	A	I	A	I	I	I	I	A	I	A	I	A	A	I	I	A	A	I	I	A	I	A	A	I	I	A	A	A	A