

Gallstone disordersRobust Poisson
Regression

Parameter		Risk Ratio	95% Confidence Limits		p-value
SIMVASTATIN	Yes vs No	0.252	0.229	0.277	<.0001
Age	Age 30-39 vs 18-20	0.780	0.688	0.884	0.0001
	Age 40-49 vs 18-20	0.811	0.717	0.918	0.0009
	Age 50-59 vs 18-20	1.116	0.988	1.261	0.0786
	Age 60-69 vs 18-20	1.586	1.393	1.805	<.0001
	Age 70+ vs 18-20	1.738	1.527	1.979	<.0001
Gender	Male vs Female	1.301	1.209	1.401	<.0001
Race/Ethnicity	ASIAN vs White	1.106	0.967	1.264	0.1406
	BLACK vs White	1.081	0.949	1.230	0.2402
	HISP vs White	1.184	1.095	1.281	<.0001
	OTHER vs White	0.417	0.315	0.553	<.0001
Hypertriglyceridemia	Yes vs No	3.975	3.041	5.196	<.0001
Chronic alcohol	Yes vs No	1.755	1.539	2.000	<.0001
Smoking	Ever-smoker vs Never	1.049	0.975	1.128	0.2026

**No history of
gallstone disorder**

Robust Poisson
regression

Parameter		Risk Ratio	95% Confidence Limits		p-value
SIMVASTATIN	Yes vs No	0.326	0.295	0.360	<.0001
Age	Age 30-39 vs 18-20	1.047	0.910	1.206	0.5195
	Age 40-49 vs 18-20	1.103	0.962	1.263	0.1596
	Age 50-59 vs 18-20	1.369	1.191	1.574	<.0001
	Age 60-69 vs 18-20	1.837	1.578	2.139	<.0001
	Age 70+ vs 18-20	2.502	2.140	2.925	<.0001
Gender	Male vs Female	1.059	0.980	1.145	0.1467
Race/Ethnicity	ASIAN vs White	0.905	0.775	1.057	0.2076
	BLACK vs White	1.563	1.399	1.746	<.0001
	HISP vs White	1.169	1.070	1.278	0.0006
	OTHER vs White	0.124	0.092	0.169	<.0001
Hypertriglyceridemia	Yes vs No	23.176	20.158	26.645	<.0001
Chronic alcohol	Yes vs No	10.419	9.522	11.401	<.0001
Smoking	Ever-smoker vs Never	1.573	1.448	1.709	<.0001

Chronic Alcohol UseRobust Poisson
regression

Parameter		Risk Ratio	95% Confidence Limits		p-value
SIMVASTATIN	Yes vs No	0.221	0.183	0.268	<.0001
Age	Age 30-39 vs 18-20	1.049	0.838	1.314	0.6752
	Age 40-49 vs 18-20	0.874	0.703	1.086	0.2235
	Age 50-59 vs 18-20	0.815	0.649	1.024	0.0795
	Age 60-69 vs 18-20	0.957	0.742	1.234	0.7366
	Age 70+ vs 18-20	0.628	0.456	0.866	0.0046
Gender	Male vs Female	1.375	1.197	1.580	<.0001
Race/Ethnicity	ASIAN vs White	1.606	1.160	2.223	0.0043
	BLACK vs White	1.786	1.498	2.130	<.0001
	HISP vs White	1.030	0.893	1.188	0.6884
	OTHER vs White	0.197	0.123	0.318	<.0001
Hypertriglyceridemia	Yes vs No	10.244	8.165	12.853	<.0001
Gallstone disorder	Yes vs No	5.048	4.355	5.851	<.0001
Smoking	Ever-smoker vs Never	1.165	1.014	1.338	0.0305

No history of chronic alcohol Use
 Robust Poisson regression

Parameter		Risk Ratio	95% Confidence Limits		p-value
SIMVASTATIN	Yes vs No	0.291	0.271	0.314	<.0001
Age	Age 30-39 vs 18-20	0.855	0.771	0.948	0.003
	Age 40-49 vs 18-20	0.935	0.846	1.034	0.189
	Age 50-59 vs 18-20	1.355	1.227	1.496	<.0001
	Age 60-69 vs 18-20	1.905	1.712	2.119	<.0001
	Age 70+ vs 18-20	2.374	2.132	2.642	<.0001
Gender	Male vs Female	1.120	1.056	1.187	0.0002
Race/Ethnicity	ASIAN vs White	0.983	0.883	1.094	0.753
	BLACK vs White	1.248	1.133	1.373	<.0001
	HISP vs White	1.246	1.168	1.329	<.0001
	OTHER vs White	0.180	0.142	0.228	<.0001
Hypertriglyceridemia	Yes vs No	13.231	11.353	15.422	<.0001
Gallstone disorder	Yes vs No	31.381	29.548	33.328	<.0001
Smoking	Ever-smoker vs Never	1.262	1.190	1.338	<.0001

Hypertriglyceridemia

Robust Poisson
regression

Parameter		Risk Ratio	95% Confidence Limits		p-value
SIMVASTATIN	Yes vs No	0.169	0.125	0.229	<.0001
Age	Age 30-39 vs 18-20	0.662	0.491	0.892	0.0066
	Age 40-49 vs 18-20	0.406	0.297	0.556	<.0001
	Age 50-59 vs 18-20	0.247	0.162	0.377	<.0001
	Age 60-69 vs 18-20	0.182	0.088	0.375	<.0001
	Age 70+ vs 18-20	0.116	0.028	0.482	0.003
GENDER	Male vs Female	0.552	0.434	0.703	<.0001
RACE	ASIAN vs White	1.023	0.680	1.539	0.9133
	BLACK vs White	1.654	1.080	2.532	0.0207
	HISP vs White	0.946	0.729	1.228	0.6769
	OTHER vs White	0.179	0.073	0.438	0.0002
Gallstone disorder	Yes vs No	3.075	2.245	4.211	<.0001
Chronic alcohol	Yes vs No	5.302	4.055	6.933	<.0001
Smoking	Ever-smoker vs Never	1.031	0.812	1.310	0.801

**No history of
hypertriglyceridemia**

Parameter		Risk Ratio	95% Confidence Limits		p-value
SIMVASTATIN	Yes vs No	0.296	0.276	0.318	<.0001
age	Age 30-39 vs 18-20	0.883	0.792	0.984	0.0246
	Age 40-49 vs 18-20	0.987	0.891	1.094	0.8004
	Age 50-59 vs 18-20	1.318	1.190	1.460	<.0001
	Age 60-69 vs 18-20	1.801	1.615	2.009	<.0001
	Age 70+ vs 18-20	2.120	1.896	2.370	<.0001
GENDER	Male vs Female	1.172	1.107	1.240	<.0001
Race/Ethnicity	ASIAN vs White	0.968	0.868	1.079	0.5562
	BLACK vs White	1.289	1.179	1.411	<.0001
	HISP vs White	1.206	1.132	1.285	<.0001
	OTHER vs White	0.210	0.166	0.265	<.0001
Gallstone disorder	Yes vs No	22.760	21.507	24.083	<.0001
Chronic alcohol	Yes vs No	4.619	4.265	5.003	<.0001
Smoking	Ever-smoker vs Never	1.294	1.221	1.371	<.0001