Lab IX – Health Analytics II
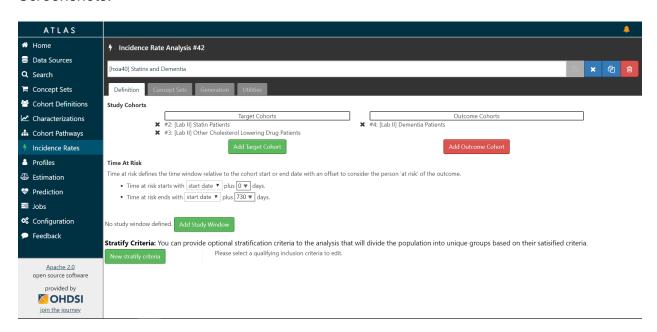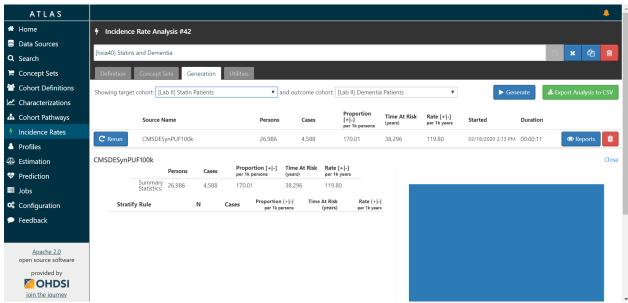
Exercise 2.1 Incidence rates

Document a screenshot and the URL of your analysis

URL:

http://gt-health-analytics-2.us-east-2.elasticbeanstalk.com/#/iranalysis/42

Screenshots:

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Incidence Rate Analysis #42

[hxia40] Statins and Dementia

| Definition | Concept Sets | Generation | Utilities |

Showing target cohort: [Lab II] Other Cholesterol Lowering Drug P▼ and outcome cohort: [Lab II] Dementia Patients ▼

▶ Generate   ⬇ Export Analysis to CSV

	Source Name	Persons	Cases	Proportion [+|-] per 1k persons	Time At Risk (years)	Rate [+|-] per 1k years	Started	Duration		
↻ Rerun	CMSDESynPUF100k	1,278	152	118.94	1,318	115.33	02/18/2020 2:13 PM	00:00:11	👁 Reports	🗑

CMSDESynPUF100k
Close

	Persons	Cases	Proportion [+|-] per 1k persons	Time At Risk (years)	Rate [+|-] per 1k years
Summary Statistics:	1,278	152	118.94	1,318	115.33

Stratify Rule	N	Cases	Proportion [+|-] per 1k persons	Time At Risk (years)	Rate [+|-] per 1k years

Exercise 2.2 Characterizations

What is the age group with the greatest difference (Std Diff) between the Statin users and Other Cholesterol drug users?

40-44

What condition shows the greatest difference between Statin Users and Other Cholesterol drug users?

Pure hypercholesterolemia

Document a screenshot and the URL of your analysis

URL:

http://gt-health-analytics-2.us-east-2.elasticbeanstalk.com/#/cc/characterizations/37/design

Screenshots:

Cohorts
[Lab II] Other Cholesterol Lowering Drug Patients, [Lab II] Statin ▾

Analyses
3 items selected ▾

Domains
Demographics, Condition ▾

All prevalence covariates

Export Export comparison Show 10 ▾ entries Search: [　　]

Covariate	Explore	Concept ID	[Lab II] Other Cholesterol Lowering Drug Patients		[Lab II] Statin Patients		Std diff
			Count	Pct	Count	Pct	
Pure hypercholesterolemia	Explore ▾	437827	672	46.12%	8,758	30.02%	-0.1845
Malaise and fatigue	Explore ▾	439926	545	37.41%	6,927	23.74%	-0.1747
Type 2 diabetes mellitus	Explore ▾	201826	874	59.99%	12,463	42.72%	-0.1703
Coronary arteriosclerosis in native artery	Explore ▾	42872402	506	34.73%	6,427	22.03%	-0.1685
Hypothyroidism	Explore ▾	140673	581	39.88%	7,678	26.32%	-0.1666
Degeneration of lumbosacral intervertebral disc	Explore ▾	74132	324	22.24%	3,634	12.46%	-0.1660
Actinic keratosis	Explore ▾	138825	297	20.38%	3,316	11.37%	-0.1600
Nuclear senile cataract	Explore ▾	439297	331	22.72%	3,861	13.23%	-0.1581
Anemia	Explore ▾	439777	526	36.10%	6,964	23.87%	-0.1579
Atrial fibrillation	Explore ▾	313217	582	39.95%	7,921	27.15%	-0.1561

Showing 1 to 10 of 996 entries

Previous 1 2 3 4 5 ... 100 Next

DEMOGRAPHICS / Demographics Gender

Export Export comparison Show 10 ▾ entries Search: [　　]

Covariate	Explore	Concept ID	[Lab II] Other Cholesterol Lowering Drug Patients		[Lab II] Statin Patients		Std diff
			Count	Pct	Count	Pct	
MALE	N/A	8507	669	45.92%	12,162	41.69%	-0.0452
FEMALE	N/A	8532	788	54.08%	17,011	58.31%	0.0399

Showing 1 to 2 of 2 entries

Previous 1 Next

Showing 1 to 10 of 996 entries   Previous 1 2 3 4 5 ... 100 Next

DEMOGRAPHICS / Demographics Age Group

Export | Export comparison   Show 10 ▾ entries   Search: [   ]

Covariate	Explore	Concept ID	[Lab II] Other Cholesterol Lowering Drug Patients		[Lab II] Statin Patients		Std diff ▼
			Count	Pct	Count	Pct	
40-44	N/A	0	9	0.62%	401	1.37%	0.0536
55-59	N/A	0	35	2.40%	1,071	3.67%	0.0515
80-84	N/A	0	225	15.44%	3,791	12.99%	-0.0459
45-49	N/A	0	26	1.78%	774	2.65%	0.0412
65-69	N/A	0	297	20.38%	5,613	19.24%	-0.0182
75-79	N/A	0	229	15.72%	4,853	16.64%	0.0161
35-39	N/A	0	16	1.10%	392	1.34%	0.0157
70-74	N/A	0	295	20.25%	5,664	19.42%	-0.0132
60-64	N/A	0	51	3.50%	1,085	3.72%	0.0081
90-94	N/A	0	46	3.16%	967	3.31%	0.0062

Showing 1 to 10 of 13 entries   Previous 1 2 Next

CONDITION / Condition Era Any Time Prior

Export | Export comparison   Show 10 ▾ entries   Search: [   ]

Covariate	Explore	Concept ID	[Lab II] Other Cholesterol Lowering Drug Patients		[Lab II] Statin Patients		Std diff ▼
			Count	Pct	Count	Pct	
Pure hypercholesterolemia	Explore ▾	437827	672	46.12%	8,758	30.02%	-0.1845
Malaise and fatigue	Explore ▾	439926	545	37.41%	6,927	23.74%	-0.1747
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Atrial fibrillation	Explore ▾	313217	582	39.95%	7,921	27.15%	-0.1561

Showing 1 to 10 of 981 entries   Previous 1 2 3 4 5 ... 99 Next

ATLAS

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Apache 2.0
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