

. logistic target_taa preop_ahf

Logistic regression	Number of obs	=	611
	LR chi2(1)	=	11.03
	Prob > chi2	=	0.0009
Log likelihood = -229.75097	Pseudo R2	=	0.0234

target_taa	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]
preop_ahf	2.331818	.6193078	3.19	0.001	1.385556 3.924329
_cons	.0873016	.0194082	-10.97	0.000	.0564663 .1349755

Note: _cons estimates baseline odds.

. logistic target_taa preop_vhf

Logistic regression	Number of obs	=	611
	LR chi2(1)	=	14.79
	Prob > chi2	=	0.0001
Log likelihood = -227.86757	Pseudo R2	=	0.0314

target_taa	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]
preop_vhf	3.968254	1.325795	4.13	0.000	2.06164 7.638114
_cons	.126	.0168449	-15.49	0.000	.0969557 .1637449

Note: _cons estimates baseline odds.

. logistic target_taa preop_mi

Logistic regression	Number of obs	=	611
	LR chi2(1)	=	3.69
	Prob > chi2	=	0.0548
Log likelihood = -233.41904	Pseudo R2	=	0.0078

target_taa	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]
preop_mi	2.102941	.7696738	2.03	0.042	1.026333 4.308894
_cons	.1376518	.0178046	-15.33	0.000	.1068275 .1773702

Note: _cons estimates baseline odds.

. logistic target_taa preop_revasc

Logistic regression	Number of obs	=	611
	LR chi2(1)	=	1.35
	Prob > chi2	=	0.2455
Log likelihood = -234.58919	Pseudo R2	=	0.0029

target_taa	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]
preop_revasc	1.650375	.6814753	1.21	0.225	.7346884 3.707337
_cons	.1425703	.0180859	-15.36	0.000	.1111856 .182814

Note: _cons estimates baseline odds.

. logistic target_taa preop_pavk

Logistic regression	Number of obs	=	611
	LR chi2(1)	=	0.01
	Prob > chi2	=	0.9204
Log likelihood = -235.25854	Pseudo R2	=	0.0000

target_taa	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]
preop_pavk	1.06579	.6749675	0.10	0.920	.3080376 3.687565
_cons	.1481481	.0182091	-15.54	0.000	.1164324 .1885031

Note: _cons estimates baseline odds.

. logistic target_taa preop_copd

Logistic regression	Number of obs	=	611
	LR chi2(1)	=	1.29
	Prob > chi2	=	0.2568
Log likelihood = -234.62047	Pseudo R2	=	0.0027

target_taa	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]
preop_copd	.638036	.2778031	-1.03	0.302	.2717872 1.497826
_cons	.1541846	.019139	-15.06	0.000	.1208874 .1966531

Note: _cons estimates baseline odds.

. logistic target_taa preop_liver

Logistic regression	Number of obs	=	611
	LR chi2(1)	=	0.59
	Prob > chi2	=	0.4408
Log likelihood = -234.96641	Pseudo R2	=	0.0013

target_taa	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]
preop_liver	.6379457	.3936416	-0.73	0.466	.1903503 2.13803

```
_cons | .1516966 .018674 -15.32 0.000 .1191769 .19309
```

Note: _cons estimates baseline odds.

```
. logistic target_taa preop_crea_tot
```

```
Logistic regression          Number of obs = 611
                             LR chi2(1) = 6.43
                             Prob > chi2 = 0.0112
Log likelihood = -232.04856   Pseudo R2 = 0.0137
```

target_taa	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]	
preop_crea_tot	3.706033	1.901321	2.55	0.011	1.355857	10.12989
_cons	.0457193	.022274	-6.33	0.000	.0175955	.1187949

Note: _cons estimates baseline odds.

```
. logistic target_taa preop_gfr_tot
```

```
Logistic regression          Number of obs = 611
                             LR chi2(1) = 16.41
                             Prob > chi2 = 0.0001
Log likelihood = -227.05897   Pseudo R2 = 0.0349
```

target_taa	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]	
preop_gfr_tot	.9730203	.0066902	-3.98	0.000	.9599957	.9862216
_cons	1.433115	.8056801	0.64	0.522	.4761523	4.313367

Note: _cons estimates baseline odds.

```
. logistic target_taa preop_quick_tot
```

```
Logistic regression          Number of obs = 611
                             LR chi2(1) = 7.51
                             Prob > chi2 = 0.0061
Log likelihood = -231.50712   Pseudo R2 = 0.0160
```

target_taa	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]	
preop_quick_tot	.9800072	.0069898	-2.83	0.005	.9664028	.993803
_cons	1.243018	.9298173	0.29	0.771	.286914	5.385219

Note: _cons estimates baseline odds.

```
. logistic target_taa preop_albumin_tot
```

```
Logistic regression          Number of obs = 611
                             LR chi2(1) = 0.01
                             Prob > chi2 = 0.9209
Log likelihood = -235.2586   Pseudo R2 = 0.0000
```

target_taa	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]	
preop_albumin_tot	1.002858	.0288767	0.10	0.921	.947828	1.061083
_cons	.1324903	.1533705	-1.75	0.081	.0137036	1.280953

Note: _cons estimates baseline odds.

```
. logistic target_taa preop_bilirubin_tot
```

```
Logistic regression          Number of obs = 611
                             LR chi2(1) = 0.00
                             Prob > chi2 = 0.9672
Log likelihood = -235.26268   Pseudo R2 = 0.0000
```

target_taa	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]	
preop_bilirubin_tot	.9781445	.5262033	-0.04	0.967	.3407925	2.807476
_cons	.1499588	.0400588	-7.10	0.000	.0888359	.2531368

Note: _cons estimates baseline odds.

```
. logistic target_taa preop_platelet_bin
```

```
Logistic regression          Number of obs = 611
                             LR chi2(1) = 0.28
                             Prob > chi2 = 0.5974
Log likelihood = -235.1241   Pseudo R2 = 0.0006
```

target_taa	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]	
preop_platelet_bin	1.284247	.59356	0.54	0.588	.5190815	3.177323
_cons	.146	.0182929	-15.36	0.000	.1142095	.1866395

Note: _cons estimates baseline odds.

```
. logistic target_taa preop_platelet_tot
```

```
Logistic regression          Number of obs = 611
                             LR chi2(1) = 0.09
                             Prob > chi2 = 0.7673
Log likelihood = -235.21976   Pseudo R2 = 0.0002
```

	target_taa	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]	
preop_platelet_tot		.9995634	.0014865	-0.29	0.769	.9966541	1.002481
_cons		.1650721	.0624743	-4.76	0.000	.078618	.3465972

Note: _cons estimates baseline odds.

. logistic target_taa preop_leuko_bin

```
Logistic regression               Number of obs   =       611
                                LR chi2(1)      =         0.02
                                Prob > chi2       =       0.8970
Log likelihood = -235.25514       Pseudo R2      =       0.0000
```

	target_taa	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]	
preop_leuko_bin		1.050739	.3997616	0.13	0.896	.4984813	2.214833
_cons		.1476793	.0189095	-14.94	0.000	.1149021	.1898067

Note: _cons estimates baseline odds.

. logistic target_taa preop_leuko_tot

```
Logistic regression               Number of obs   =       611
                                LR chi2(1)      =         3.95
                                Prob > chi2       =       0.0468
Log likelihood = -233.28696       Pseudo R2      =       0.0084
```

	target_taa	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]	
preop_leuko_tot		1.093553	.0476595	2.05	0.040	1.00402	1.191069
_cons		.0826202	.0263416	-7.82	0.000	.0442283	.1543379

Note: _cons estimates baseline odds.

. logistic target_taa preop_diabetes

```
Logistic regression               Number of obs   =       611
                                LR chi2(1)      =         3.60
                                Prob > chi2       =       0.0579
Log likelihood = -233.4657       Pseudo R2      =       0.0076
```

	target_taa	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]	
preop_diabetes		1.878972	.5981953	1.98	0.048	1.006768	3.506804
_cons		.1353066	.0180213	-15.02	0.000	.1042194	.1756665

Note: _cons estimates baseline odds.

. logistic target_taa preop_weight

```
Logistic regression               Number of obs   =       611
                                LR chi2(1)      =         0.84
                                Prob > chi2       =       0.3584
Log likelihood = -234.84181       Pseudo R2      =       0.0018
```

	target_taa	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]	
preop_weight		1.006116	.0066377	0.92	0.355	.9931905	1.019211
_cons		.0886003	.0510642	-4.21	0.000	.0286319	.2741701

Note: _cons estimates baseline odds.

. logistic target_taa preop_height

```
Logistic regression               Number of obs   =       611
                                LR chi2(1)      =         2.58
                                Prob > chi2       =       0.1084
Log likelihood = -233.97515       Pseudo R2      =       0.0055
```

	target_taa	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]	
preop_height		9.688909	13.77749	1.60	0.110	.5968681	157.2792
_cons		.0026341	.0066807	-2.34	0.019	.0000183	.3797143

Note: _cons estimates baseline odds.

. logistic target_taa preop_bmi

```
Logistic regression               Number of obs   =       611
                                LR chi2(1)      =         0.04
                                Prob > chi2       =       0.8470
Log likelihood = -235.24492       Pseudo R2      =       0.0001
```

	target_taa	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]	
preop_bmi		1.004787	.0248219	0.19	0.847	.9572962	1.054634
_cons		.130691	.0879041	-3.03	0.002	.0349719	.4883965

Note: _cons estimates baseline odds.

. logistic target_taa preop_ecog

```
Logistic regression               Number of obs   =       611
```

Log likelihood = -233.39055

LR chi2(1)	=	3.75
Prob > chi2	=	0.0529
Pseudo R2	=	0.0080

target_taa	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]
preop_ecog	1.368788	.2163941	1.99	0.047	1.00408 1.865968
_cons	.1231826	.0196146	-13.15	0.000	.0901594 .1683015

Note: _cons estimates baseline odds.

. logistic target_taa preop_tstage

Logistic regression

Number of obs	=	611
LR chi2(1)	=	0.11
Prob > chi2	=	0.7367
Pseudo R2	=	0.0002

Log likelihood = -235.207

target_taa	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]
preop_tstage	1.076618	.2392557	0.33	0.740	.6964662 1.664268
_cons	.120774	.0767448	-3.33	0.001	.0347604 .4196255

Note: _cons estimates baseline odds.

. logistic target_taa preop_neoadj

Logistic regression

Number of obs	=	611
LR chi2(1)	=	1.31
Prob > chi2	=	0.2517
Pseudo R2	=	0.0028

Log likelihood = -234.60652

target_taa	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]
preop_neoadj	.8382181	.1277898	-1.16	0.247	.6217101 1.130124
_cons	.1912633	.0467677	-6.76	0.000	.1184393 .308864

Note: _cons estimates baseline odds.

. logistic target_taa preop_asa

Logistic regression

Number of obs	=	611
LR chi2(1)	=	0.02
Prob > chi2	=	0.8804
Pseudo R2	=	0.0000

Log likelihood = -235.25221

target_taa	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]
preop_asa	.9747713	.1655762	-0.15	0.880	.6987411 1.359844
_cons	.1534527	.0381545	-7.54	0.000	.0942609 .2498144

Note: _cons estimates baseline odds.

. logistic target_taa preop_weightloss_bin

Logistic regression

Number of obs	=	611
LR chi2(1)	=	0.47
Prob > chi2	=	0.4947
Pseudo R2	=	0.0010

Log likelihood = -235.03033

target_taa	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]
preop_weightloss_bin	.8183422	.2438228	-0.67	0.501	.4563749 1.467399
_cons	.1551724	.021012	-13.76	0.000	.1190016 .2023375

Note: _cons estimates baseline odds.

. logistic target_taa preop_fev1_bin

Logistic regression

Number of obs	=	611
LR chi2(1)	=	0.03
Prob > chi2	=	0.8651
Pseudo R2	=	0.0001

Log likelihood = -235.24909

target_taa	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]
preop_fev1_bin	.951613	.278706	-0.17	0.866	.5359973 1.6895
_cons	.1501211	.0204464	-13.92	0.000	.1149498 .1960537

Note: _cons estimates baseline odds.

. logistic target_taa preop_fev1_tot

Logistic regression

Number of obs	=	611
LR chi2(1)	=	2.65
Prob > chi2	=	0.1037
Pseudo R2	=	0.0056

Log likelihood = -233.93936

target_taa	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]
preop_fev1_tot	.7745804	.1226185	-1.61	0.107	.5679611 1.056366
_cons	.3204551	.1548371	-2.36	0.019	.1243039 .8261323

Note: _cons estimates baseline odds.

. logistic target_taa preop_vc_bin

Logistic regression Number of obs = 611
LR chi2(1) = 2.35
Prob > chi2 = 0.1256
Pseudo R2 = 0.0050

Table with 6 columns: variable, Odds Ratio, Std. Err., z, P>|z|, [95% Conf. Interval]. Rows for preop_vc_bin and _cons.

Note: _cons estimates baseline odds.

. logistic target_taa preop_vc_tot

Logistic regression Number of obs = 611
LR chi2(1) = 1.50
Prob > chi2 = 0.2209
Pseudo R2 = 0.0032

Table with 6 columns: variable, Odds Ratio, Std. Err., z, P>|z|, [95% Conf. Interval]. Rows for preop_vc_tot and _cons.

Note: _cons estimates baseline odds.

. logistic target_taa psm_robot

Logistic regression Number of obs = 611
LR chi2(1) = 0.09
Prob > chi2 = 0.7602
Pseudo R2 = 0.0002

Table with 6 columns: variable, Odds Ratio, Std. Err., z, P>|z|, [95% Conf. Interval]. Rows for psm_robot and _cons.

Note: _cons estimates baseline odds.

. logistic target_taa preop_diag preop_age preop_sex preop_smoke preop_alcohol preop_khk preop_aht preop_vhf preop_mi
preop_revasc preop_pavk preop_copd preop_liver preop_crea_tot
> preop_gfr_tot preop_quick_tot preop_albumin_tot preop_bilirubin_tot preop_platelet_bin preop_platelet_tot preop_leuko_bin
preop_leuko_tot preop_diabetes preop_weight preop_heig
> ht preop_bmi preop_ecog preop_tstage preop_neoadj preop_asa preop_weightloss_bin preop_fev1_bin preop_fev1_tot
preop_vc_bin preop_vc_tot psm_robot

Logistic regression Number of obs = 611
LR chi2(36) = 69.28
Prob > chi2 = 0.0007
Pseudo R2 = 0.1472

Large table with 6 columns: variable, Odds Ratio, Std. Err., z, P>|z|, [95% Conf. Interval]. Lists numerous variables like preop_diag, preop_age, etc.

Note: _cons estimates baseline odds.

```
. logistic target_taa preop_khk preop_leuko_tot
```

```
Logistic regression          Number of obs   =      611
                             LR chi2(2)          =      12.92
                             Prob > chi2         =      0.0016
Log likelihood = -228.80571   Pseudo R2      =      0.0274
```

	target_taa	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]
	preop_khk	2.52477	.7432057	3.15	0.002	1.417939 4.495587
	preop_leuko_tot	1.083835	.0478323	1.82	0.068	.9940257 1.181759
	_cons	.074406	.0241831	-7.99	0.000	.0393509 .1406894

Note: _cons estimates baseline odds.

```
.
```

(R)

15.0 Copyright 1985-2017 StataCorp LLC
StataCorp
4905 Lakeway Drive
College Station, Texas 77845 USA
800-STATA-PC http://www.stata.com
979-696-4600 stata@stata.com
979-696-4601 (fax)

Statistics/Data Analysis
Special Edition

```
. logistic target_pneumonia preop_diag
```

```
Logistic regression          Number of obs   =      611
                             LR chi2(1)         =      3.02
                             Prob > chi2         =      0.0823
Log likelihood = -220.03814   Pseudo R2      =      0.0068
```

	target_pneumonia	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]
	preop_diag	.5446429	.2025124	-1.63	0.102	.2627925 1.128784
	_cons	.147541	.0199125	-14.18	0.000	.1132484 .1922176

Note: _cons estimates baseline odds.

```
. logistic target_pneumonia preop_age
```

```
Logistic regression          Number of obs   =      611
                             LR chi2(1)         =      4.04
                             Prob > chi2         =      0.0444
Log likelihood = -219.5272   Pseudo R2      =      0.0091
```

	target_pneumonia	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]
	preop_age	1.026848	.0136856	1.99	0.047	1.000372 1.054025
	_cons	.0243534	.0213705	-4.23	0.000	.0043613 .1359893

Note: _cons estimates baseline odds.

```
. logistic target_pneumonia preop_sex
```

```
Logistic regression          Number of obs   =      611
                             LR chi2(1)         =      0.25
                             Prob > chi2         =      0.6179
Log likelihood = -221.42319   Pseudo R2      =      0.0006
```

	target_pneumonia	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]
	preop_sex	.8379681	.3019427	-0.49	0.624	.413539 1.698003
	_cons	.1371681	.0185768	-14.67	0.000	.10519 .1788677

Note: _cons estimates baseline odds.

```
. logistic target_pneumonia preop_smoke
```

```
Logistic regression          Number of obs   =      611
                             LR chi2(1)         =      0.21
                             Prob > chi2         =      0.6495
Log likelihood = -221.44435   Pseudo R2      =      0.0005
```

	target_pneumonia	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]
	preop_smoke	.9232233	.1624066	-0.45	0.650	.6539879 1.303298
	_cons	.1442831	.0301385	-9.27	0.000	.0958105 .2172791

Note: _cons estimates baseline odds.

```
. logistic target_pneumonia preop_alcohol
```

```
Logistic regression          Number of obs   =      611
                             LR chi2(1)         =      0.73
                             Prob > chi2         =      0.3918
Log likelihood = -221.18097   Pseudo R2      =      0.0017
```


Log likelihood = -220.03128 Prob > chi2 = 0.0816
Pseudo R2 = 0.0068

target_pneumonia	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]	
preop_copd	1.652755	.4460945	1.86	0.063	.9737804	2.805149
_cons	.1250924	.0166341	-15.63	0.000	.0963925	.1623375

Note: _cons estimates baseline odds.

. logistic target_pneumonia preop_liver

Logistic regression Number of obs = 611
LR chi2(1) = 0.33
Prob > chi2 = 0.5672
Log likelihood = -221.38388 Pseudo R2 = 0.0007

target_pneumonia	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]	
preop_liver	.7124825	.4403883	-0.55	0.583	.21215	2.392794
_cons	.1358268	.0174268	-15.56	0.000	.105627	.1746609

Note: _cons estimates baseline odds.

. logistic target_pneumonia preop_crea_tot

Logistic regression Number of obs = 611
LR chi2(1) = 0.21
Prob > chi2 = 0.6487
Log likelihood = -221.44385 Pseudo R2 = 0.0005

target_pneumonia	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]	
preop_crea_tot	1.29684	.7314277	0.46	0.645	.4293409	3.917153
_cons	.1062236	.0547478	-4.35	0.000	.0386822	.2916967

Note: _cons estimates baseline odds.

. logistic target_pneumonia preop_gfr_tot

Logistic regression Number of obs = 611
LR chi2(1) = 1.39
Prob > chi2 = 0.2381
Log likelihood = -220.85163 Pseudo R2 = 0.0031

target_pneumonia	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]	
preop_gfr_tot	.991886	.0068627	-1.18	0.239	.9785262	1.005428
_cons	.2672543	.1590871	-2.22	0.027	.0832213	.8582523

Note: _cons estimates baseline odds.

. logistic target_pneumonia preop_quick_tot

Logistic regression Number of obs = 611
LR chi2(1) = 0.23
Prob > chi2 = 0.6305
Log likelihood = -221.43188 Pseudo R2 = 0.0005

target_pneumonia	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]	
preop_quick_tot	.9960469	.0081143	-0.49	0.627	.9802695	1.012078
_cons	.203753	.178199	-1.82	0.069	.0366993	1.13123

Note: _cons estimates baseline odds.

. logistic target_pneumonia preop_albumin_tot

Logistic regression Number of obs = 611
LR chi2(1) = 0.04
Prob > chi2 = 0.8378
Log likelihood = -221.52664 Pseudo R2 = 0.0001

target_pneumonia	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]	
preop_albumin_tot	1.006164	.0302955	0.20	0.838	.9485044	1.067329
_cons	.1044771	.1266027	-1.86	0.062	.0097175	1.123275

Note: _cons estimates baseline odds.

. logistic target_pneumonia preop_bilirubin_tot

Logistic regression Number of obs = 611
LR chi2(1) = 2.30
Prob > chi2 = 0.1292
Log likelihood = -220.39684 Pseudo R2 = 0.0052

target_pneumonia	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]	
preop_bilirubin_tot	2.14787	1.040168	1.58	0.114	.8313596	5.549156
_cons	.094019	.0246498	-9.02	0.000	.0562404	.1571748

Note: _cons estimates baseline odds.

```
. logistic target_pneumonia preop_platelet_bin
```

```
Logistic regression      Number of obs   =      611
                        LR chi2(1)              =      2.01
                        Prob > chi2             =      0.1560
Log likelihood = -220.54129      Pseudo R2       =      0.0045
```

	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]
preop_platelet_bin	.3992063	.294454	-1.24	0.213	.0940486 1.694503
_cons	.139165	.0177531	-15.46	0.000	.1083786 .1786968

Note: _cons estimates baseline odds.

```
. logistic target_pneumonia preop_platelet_tot
```

```
Logistic regression      Number of obs   =      611
                        LR chi2(1)              =      0.44
                        Prob > chi2             =      0.5080
Log likelihood = -221.32852      Pseudo R2       =      0.0010
```

	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]
preop_platelet_tot	.998962	.0015957	-0.65	0.516	.9958394 1.002095
_cons	.171526	.068717	-4.40	0.000	.0782204 .3761314

Note: _cons estimates baseline odds.

```
. logistic target_pneumonia preop_leuko_bin
```

```
Logistic regression      Number of obs   =      611
                        LR chi2(1)              =      1.51
                        Prob > chi2             =      0.2194
Log likelihood = -220.7935      Pseudo R2       =      0.0034
```

	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]
preop_leuko_bin	.5741455	.2772301	-1.15	0.250	.2228504 1.479212
_cons	.1404612	.0183256	-15.04	0.000	.1087683 .1813889

Note: _cons estimates baseline odds.

```
. logistic target_pneumonia preop_leuko_tot
```

```
Logistic regression      Number of obs   =      611
                        LR chi2(1)              =      1.47
                        Prob > chi2             =      0.2257
Log likelihood = -220.81366      Pseudo R2       =      0.0033
```

	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]
preop_leuko_tot	1.059728	.0494569	1.24	0.214	.9670952 1.161233
_cons	.0916921	.0306199	-7.15	0.000	.0476519 .1764347

Note: _cons estimates baseline odds.

```
. logistic target_pneumonia preop_diabetes
```

```
Logistic regression      Number of obs   =      611
                        LR chi2(1)              =      0.72
                        Prob > chi2             =      0.3946
Log likelihood = -221.18525      Pseudo R2       =      0.0016
```

	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]
preop_diabetes	1.362477	.4822407	0.87	0.382	.6808502 2.726509
_cons	.1281513	.0174278	-15.11	0.000	.0981668 .1672942

Note: _cons estimates baseline odds.

```
. logistic target_pneumonia preop_weight
```

```
Logistic regression      Number of obs   =      611
                        LR chi2(1)              =      2.99
                        Prob > chi2             =      0.0836
Log likelihood = -220.05063      Pseudo R2       =      0.0068
```

	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]
preop_weight	1.011881	.0068336	1.75	0.080	.9985753 1.025363
_cons	.048704	.0292329	-5.03	0.000	.0150197 .1579315

Note: _cons estimates baseline odds.

```
. logistic target_pneumonia preop_height
```

```
Logistic regression      Number of obs   =      611
                        LR chi2(1)              =      1.46
                        Prob > chi2             =      0.2265
Log likelihood = -220.81618      Pseudo R2       =      0.0033
```

	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]
preop_height	.1713387	.2498772	-1.21	0.226	.0098283 2.986977

_cons | 3.002383 7.712809 0.43 0.669 .0195352 461.4387

Note: _cons estimates baseline odds.

. logistic target_pneumonia preop_bmi

Logistic regression

Number of obs	=	611
LR chi2(1)	=	6.52
Prob > chi2	=	0.0107
Pseudo R2	=	0.0147

Log likelihood = -218.28724

target_pneumonia	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]
preop_bmi	1.064806	.0257114	2.60	0.009	1.015587 1.116411
_cons	.0240884	.0164869	-5.44	0.000	.0062982 .0921296

Note: _cons estimates baseline odds.

. logistic target_pneumonia preop_ecog

Logistic regression

Number of obs	=	611
LR chi2(1)	=	1.25
Prob > chi2	=	0.2643
Pseudo R2	=	0.0028

Log likelihood = -220.92464

target_pneumonia	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]
preop_ecog	1.212052	.2048519	1.14	0.255	.8702774 1.688049
_cons	.1196294	.0194543	-13.06	0.000	.086979 .1645362

Note: _cons estimates baseline odds.

. logistic target_pneumonia preop_tstage

Logistic regression

Number of obs	=	611
LR chi2(1)	=	2.87
Prob > chi2	=	0.0904
Pseudo R2	=	0.0065

Log likelihood = -220.11381

target_pneumonia	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]
preop_tstage	1.550225	.4354009	1.56	0.119	.8939719 2.688226
_cons	.0384915	.0315138	-3.98	0.000	.0077351 .1915411

Note: _cons estimates baseline odds.

. logistic target_pneumonia preop_neoadj

Logistic regression

Number of obs	=	611
LR chi2(1)	=	0.67
Prob > chi2	=	0.4118
Pseudo R2	=	0.0015

Log likelihood = -221.21078

target_pneumonia	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]
preop_neoadj	.8762583	.1398851	-0.83	0.408	.6408364 1.198166
_cons	.1616324	.0417216	-7.06	0.000	.0974566 .2680686

Note: _cons estimates baseline odds.

. logistic target_pneumonia preop_asa

Logistic regression

Number of obs	=	611
LR chi2(1)	=	1.47
Prob > chi2	=	0.2254
Pseudo R2	=	0.0033

Log likelihood = -220.81265

target_pneumonia	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]
preop_asa	.8069558	.1429649	-1.21	0.226	.5702247 1.141967
_cons	.1745973	.0433115	-7.04	0.000	.1073703 .2839167

Note: _cons estimates baseline odds.

. logistic target_pneumonia preop_weightloss_bin

Logistic regression

Number of obs	=	611
LR chi2(1)	=	1.29
Prob > chi2	=	0.2554
Pseudo R2	=	0.0029

Log likelihood = -220.90085

target_pneumonia	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]
preop_weightloss_bin	.7003022	.2259093	-1.10	0.269	.3721327 1.317872
_cons	.1439024	.0200372	-13.92	0.000	.1095332 .1890561

Note: _cons estimates baseline odds.

. logistic target_pneumonia preop_fev1_bin

Logistic regression

Number of obs	=	611
LR chi2(1)	=	11.64
Prob > chi2	=	0.0006
Pseudo R2	=	0.0263

Log likelihood = -215.72677

target_pneumonia	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]
preop_fev1_bin	2.539562	.6720058	3.52	0.000	1.511883 4.265789
_cons	.1020882	.0161569	-14.42	0.000	.0748619 .1392162

Note: _cons estimates baseline odds.

. logistic target_pneumonia preop_fev1_tot

```
Logistic regression          Number of obs   =      611
                             LR chi2(1)          =      9.35
                             Prob > chi2         =     0.0022
Log likelihood = -216.87408   Pseudo R2       =     0.0211
```

target_pneumonia	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]
preop_fev1_tot	.6009886	.1023609	-2.99	0.003	.4304165 .8391578
_cons	.6009521	.3007956	-1.02	0.309	.2253131 1.602852

Note: _cons estimates baseline odds.

. logistic target_pneumonia preop_vc_bin

```
Logistic regression          Number of obs   =      611
                             LR chi2(1)          =     6.59
                             Prob > chi2         =     0.0102
Log likelihood = -218.25076   Pseudo R2       =     0.0149
```

target_pneumonia	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]
preop_vc_bin	2.110108	.5910162	2.67	0.008	1.21869 3.653559
_cons	.1121076	.0167195	-14.67	0.000	.0836929 .1501695

Note: _cons estimates baseline odds.

. logistic target_pneumonia preop_vc_tot

```
Logistic regression          Number of obs   =      611
                             LR chi2(1)          =     6.95
                             Prob > chi2         =     0.0084
Log likelihood = -218.07505   Pseudo R2       =     0.0157
```

target_pneumonia	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]
preop_vc_tot	.6976682	.0964002	-2.61	0.009	.5321503 .9146683
_cons	.5252087	.2757488	-1.23	0.220	.1876843 1.469724

Note: _cons estimates baseline odds.

. logistic target_pneumonia psm_robot

```
Logistic regression          Number of obs   =      611
                             LR chi2(1)          =     1.39
                             Prob > chi2         =     0.2386
Log likelihood = -220.85331   Pseudo R2       =     0.0031
```

target_pneumonia	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]
psm_robot	.6090909	.2711899	-1.11	0.265	.2545046 1.457702
_cons	.1407249	.0185008	-14.92	0.000	.1087591 .182086

Note: _cons estimates baseline odds.

```
. logistic target_pneumonia preop_diag preop_age preop_sex preop_smoke preop_alcohol preop_khk preop_aht preop_vhf preop_mi
preop_revasc preop_pavk preop_copd preop_liver preop_cr
> ea_tot preop_gfr_tot preop_quick_tot preop_bilirubin_tot preop_platelet_bin preop_platelet_tot
preop_leuko_bin preop_leuko_tot preop_diabetes preop_weight preo
> p_height preop_bmi preop_ecog preop_tstage preop_neoadj preop_asa preop_weightloss_bin preop_fev1_bin preop_fev1_tot
preop_vc_bin preop_vc_tot psm_robot
```

```
Logistic regression          Number of obs   =      611
                             LR chi2(36)         =    56.63
                             Prob > chi2         =     0.0156
Log likelihood = -193.23406   Pseudo R2       =     0.1278
```

target_pneumonia	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]
preop_diag	.6326231	.2773847	-1.04	0.296	.267868 1.494064
preop_age	1.030439	.0259448	1.19	0.234	.9808226 1.082566
preop_sex	.6766491	.3989017	-0.66	0.508	.2130879 2.148663
preop_smoke	.9652471	.2068341	-0.17	0.869	.6342233 1.469044
preop_alcohol	.8430321	.1401301	-1.03	0.304	.6086338 1.167702
preop_khk	2.545186	1.280836	1.86	0.063	.9492094 6.8246
preop_aht	1.000203	.3008694	0.00	0.999	.5546763 1.803585
preop_vhf	.8666103	.4616931	-0.27	0.788	.3050281 2.462112
preop_mi	1.155817	.6826678	0.25	0.806	.3631936 3.678238
preop_revasc	.3334004	.228813	-1.60	0.109	.0868532 1.279813
preop_pavk	1.517129	.9486582	0.67	0.505	.4454181 5.167463
preop_copd	1.29609	.4190533	0.80	0.422	.6877394 2.442568
preop_liver	.6629907	.4446334	-0.61	0.540	.1780946 2.468108
preop_crea_tot	.8040614	1.081115	-0.16	0.871	.0576489 11.2147
preop_gfr_tot	1.00374	.0177446	0.21	0.833	.9695566 1.039128
preop_quick_tot	1.004471	.0100242	0.45	0.655	.9850148 1.024312
preop_albumin_tot	1.032309	.0379173	0.87	0.387	.9606043 1.109366


```

Logistic regression          Number of obs   =      611
                             LR chi2(1)           =       1.56
                             Prob > chi2          =      0.2114
Log likelihood = -212.58662   Pseudo R2      =      0.0037

```

target_ai	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]	
preop_alcohol	.8287765	.1294038	-1.20	0.229	.6102843	1.125492
_cons	.1393335	.0211287	-13.00	0.000	.103509	.1875567

Note: _cons estimates baseline odds.

```
. logistic target_ai preop_khk
```

```

Logistic regression          Number of obs   =      611
                             LR chi2(1)           =       3.19
                             Prob > chi2          =      0.0739
Log likelihood = -211.76995   Pseudo R2      =      0.0075

```

target_ai	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]	
preop_khk	1.841901	.6024263	1.87	0.062	.9702096	3.496768
_cons	.1134454	.0162901	-15.16	0.000	.0856168	.1503193

Note: _cons estimates baseline odds.

```
. logistic target_ai preop_aht
```

```

Logistic regression          Number of obs   =      611
                             LR chi2(1)           =      14.90
                             Prob > chi2          =      0.0001
Log likelihood = -205.91597   Pseudo R2      =      0.0349

```

target_ai	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]	
preop_aht	2.942105	.8782838	3.61	0.000	1.638912	5.281542
_cons	.0620155	.0159774	-10.79	0.000	.0374283	.1027543

Note: _cons estimates baseline odds.

```
. logistic target_ai preop_vhf
```

```

Logistic regression          Number of obs   =      611
                             LR chi2(1)           =       0.58
                             Prob > chi2          =      0.4450
Log likelihood = -213.07569   Pseudo R2      =      0.0014

```

target_ai	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]	
preop_vhf	1.405038	.6053625	0.79	0.430	.6038747	3.269109
_cons	.1215139	.0164764	-15.54	0.000	.0931556	.1585051

Note: _cons estimates baseline odds.

```
. logistic target_ai preop_mi
```

```

Logistic regression          Number of obs   =      611
                             LR chi2(1)           =       0.50
                             Prob > chi2          =      0.4790
Log likelihood = -213.11678   Pseudo R2      =      0.0012

```

target_ai	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]	
preop_mi	1.368853	.588855	0.73	0.465	.5890952	3.180737
_cons	.1217565	.0165111	-15.53	0.000	.0933389	.158826

Note: _cons estimates baseline odds.

```
. logistic target_ai preop_revasc
```

```

Logistic regression          Number of obs   =      611
                             LR chi2(1)           =       2.45
                             Prob > chi2          =      0.1174
Log likelihood = -212.14159   Pseudo R2      =      0.0057

```

target_ai	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]	
preop_revasc	1.996078	.8303376	1.66	0.097	.8832649	4.510911
_cons	.1178782	.01609	-15.66	0.000	.0902085	.154035

Note: _cons estimates baseline odds.

```
. logistic target_ai preop_pavk
```

```

Logistic regression          Number of obs   =      611
                             LR chi2(1)           =       2.50
                             Prob > chi2          =      0.1140
Log likelihood = -212.11821   Pseudo R2      =      0.0059

```

target_ai	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]	
preop_pavk	2.455649	1.291489	1.71	0.088	.875987	6.883906
_cons	.1197719	.015968	-15.92	0.000	.0922301	.1555381

Note: _cons estimates baseline odds.

. logistic target_ai preop_copd

```

Logistic regression          Number of obs   =      611
                             LR chi2(1)         =      2.66
                             Prob > chi2        =     0.1028
Log likelihood = -212.03659   Pseudo R2      =     0.0062

```

target_ai	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]	
preop_copd	.4550399	.2592654	-1.38	0.167	.1489585	1.39006
_cons	.1324684	.0174371	-15.36	0.000	.102345	.1714581

Note: _cons estimates baseline odds.

. logistic target_ai preop_liver

```

Logistic regression          Number of obs   =      611
                             LR chi2(1)         =      0.21
                             Prob > chi2        =     0.6500
Log likelihood = -213.26442   Pseudo R2      =     0.0005

```

target_ai	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]	
preop_liver	.7622829	.4717103	-0.44	0.661	.2266636	2.563601
_cons	.1269531	.0167163	-15.67	0.000	.0980761	.1643325

Note: _cons estimates baseline odds.

. logistic target_ai preop_crea_tot

```

Logistic regression          Number of obs   =      611
                             LR chi2(1)         =      1.92
                             Prob > chi2        =     0.1662
Log likelihood = -212.40876   Pseudo R2      =     0.0045

```

target_ai	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]	
preop_crea_tot	2.167454	1.176318	1.43	0.154	.748147	6.279325
_cons	.0628475	.0319337	-5.45	0.000	.0232157	.1701355

Note: _cons estimates baseline odds.

. logistic target_ai preop_gfr_tot

```

Logistic regression          Number of obs   =      611
                             LR chi2(1)         =      1.95
                             Prob > chi2        =     0.1621
Log likelihood = -212.38997   Pseudo R2      =     0.0046

```

target_ai	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]	
preop_gfr_tot	.9901436	.0070322	-1.39	0.163	.9764562	1.004023
_cons	.2903003	.1764113	-2.04	0.042	.0882236	.9552351

Note: _cons estimates baseline odds.

. logistic target_ai preop_quick_tot

```

Logistic regression          Number of obs   =      611
                             LR chi2(1)         =      1.42
                             Prob > chi2        =     0.2326
Log likelihood = -212.65497   Pseudo R2      =     0.0033

```

target_ai	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]	
preop_quick_tot	1.011024	.0095882	1.16	0.248	.992405	1.029992
_cons	.0383925	.0398849	-3.14	0.002	.0050114	.2941283

Note: _cons estimates baseline odds.

. logistic target_ai preop_albumin_tot

```

Logistic regression          Number of obs   =      611
                             LR chi2(1)         =      0.31
                             Prob > chi2        =     0.5805
Log likelihood = -213.21461   Pseudo R2      =     0.0007

```

target_ai	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]	
preop_albumin_tot	1.017346	.0319252	0.55	0.584	.9566591	1.081882
_cons	.0628771	.0796891	-2.18	0.029	.0052444	.7538537

Note: _cons estimates baseline odds.

. logistic target_ai preop_bilirubin_tot

```

Logistic regression          Number of obs   =      611
                             LR chi2(1)         =      0.05
                             Prob > chi2        =     0.8241
Log likelihood = -213.34265   Pseudo R2      =     0.0001

```

target_ai	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]	
-----------	------------	-----------	---	------	----------------------	--

	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]
preop_bilirubin_tot	1.132906	.6303181	0.22	0.823	.3807227 3.371159
_cons	.1184447	.0332778	-7.59	0.000	.0682913 .2054311

Note: _cons estimates baseline odds.

. logistic target_ai preop_platelet_bin

Logistic regression	Number of obs	=	611
	LR chi2(1)	=	0.81
	Prob > chi2	=	0.3694
Log likelihood = -212.96449	Pseudo R2	=	0.0019

	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]
preop_platelet_bin	1.545364	.7182246	0.94	0.349	.621478 3.842695
_cons	.1213307	.0163171	-15.68	0.000	.0932176 .1579225

Note: _cons estimates baseline odds.

. logistic target_ai preop_platelet_tot

Logistic regression	Number of obs	=	611
	LR chi2(1)	=	0.41
	Prob > chi2	=	0.5207
Log likelihood = -213.16115	Pseudo R2	=	0.0010

	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]
preop_platelet_tot	1.000963	.0014758	0.65	0.514	.9980749 1.00386
_cons	.0988148	.0384038	-5.96	0.000	.0461325 .2116589

Note: _cons estimates baseline odds.

. logistic target_ai preop_leuko_bin

Logistic regression	Number of obs	=	611
	LR chi2(1)	=	0.04
	Prob > chi2	=	0.8497
Log likelihood = -213.3494	Pseudo R2	=	0.0001

	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]
preop_leuko_bin	.9237718	.389726	-0.19	0.851	.4040685 2.111905
_cons	.126294	.017161	-15.23	0.000	.0967654 .1648335

Note: _cons estimates baseline odds.

. logistic target_ai preop_leuko_tot

Logistic regression	Number of obs	=	611
	LR chi2(1)	=	7.59
	Prob > chi2	=	0.0059
Log likelihood = -209.5732	Pseudo R2	=	0.0178

	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]
preop_leuko_tot	1.136185	.0506514	2.86	0.004	1.041123 1.239926
_cons	.0534632	.0180411	-8.68	0.000	.0275942 .103584

Note: _cons estimates baseline odds.

. logistic target_ai preop_diabetes

Logistic regression	Number of obs	=	611
	LR chi2(1)	=	0.01
	Prob > chi2	=	0.9257
Log likelihood = -213.36301	Pseudo R2	=	0.0000

	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]
preop_diabetes	.9636364	.3841449	-0.09	0.926	.4411532 2.104927
_cons	.1257862	.01723	-15.14	0.000	.0961693 .164524

Note: _cons estimates baseline odds.

. logistic target_ai preop_weight

Logistic regression	Number of obs	=	611
	LR chi2(1)	=	1.97
	Prob > chi2	=	0.1605
Log likelihood = -212.38255	Pseudo R2	=	0.0046

	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]
preop_weight	1.0099	.0070184	1.42	0.156	.9962377 1.02375
_cons	.0540962	.0332429	-4.75	0.000	.0162215 .1804023

Note: _cons estimates baseline odds.

. logistic target_ai preop_height

Logistic regression	Number of obs	=	611
	LR chi2(1)	=	3.57
	Prob > chi2	=	0.0589

Log likelihood = -211.58301 Pseudo R2 = 0.0084

target_ai	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]	
preop_height	17.42878	26.54851	1.88	0.061	.8803766	345.0369
_cons	.0007789	.0021207	-2.63	0.009	3.75e-06	.1618102

Note: _cons estimates baseline odds.

. logistic target_ai preop_bmi

Logistic regression Number of obs = 611
LR chi2(1) = 0.40
Prob > chi2 = 0.5287
Log likelihood = -213.16888 Pseudo R2 = 0.0009

target_ai	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]	
preop_bmi	1.01659	.0263484	0.63	0.526	.9662383	1.069567
_cons	.080502	.0572953	-3.54	0.000	.0199519	.3248091

Note: _cons estimates baseline odds.

. logistic target_ai preop_ecog

Logistic regression Number of obs = 611
LR chi2(1) = 0.08
Prob > chi2 = 0.7804
Log likelihood = -213.3285 Pseudo R2 = 0.0002

target_ai	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]	
preop_ecog	.949336	.1781635	-0.28	0.782	.6571637	1.371407
_cons	.1287093	.0207446	-12.72	0.000	.0938466	.176523

Note: _cons estimates baseline odds.

. logistic target_ai preop_tstage

Logistic regression Number of obs = 611
LR chi2(1) = 0.16
Prob > chi2 = 0.6924
Log likelihood = -213.28912 Pseudo R2 = 0.0004

target_ai	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]	
preop_tstage	.9158231	.2007689	-0.40	0.688	.5959492	1.407388
_cons	.1599019	.0991961	-2.96	0.003	.047403	.5393882

Note: _cons estimates baseline odds.

. logistic target_ai preop_neoadj

Logistic regression Number of obs = 611
LR chi2(1) = 2.29
Prob > chi2 = 0.1301
Log likelihood = -212.22189 Pseudo R2 = 0.0054

target_ai	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]	
preop_neoadj	.7816487	.1255859	-1.53	0.125	.5704936	1.070958
_cons	.1774869	.0449599	-6.82	0.000	.1080302	.2916001

Note: _cons estimates baseline odds.

. logistic target_ai preop_asa

Logistic regression Number of obs = 611
LR chi2(1) = 0.61
Prob > chi2 = 0.4352
Log likelihood = -213.06291 Pseudo R2 = 0.0014

target_ai	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]	
preop_asa	1.152269	.2096101	0.78	0.436	.8066982	1.645874
_cons	.1039008	.0287242	-8.19	0.000	.0604363	.1786241

Note: _cons estimates baseline odds.

. logistic target_ai preop_weightloss_bin

Logistic regression Number of obs = 611
LR chi2(1) = 8.40
Prob > chi2 = 0.0037
Log likelihood = -209.16636 Pseudo R2 = 0.0197

target_ai	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]	
preop_weightloss_bin	.3468124	.1426192	-2.58	0.010	.1549017	.7764849
_cons	.1495098	.020524	-13.84	0.000	.1142407	.1956673

Note: _cons estimates baseline odds.

. logistic target_ai preop_fev1_bin

```

Logistic regression          Number of obs   =      611
                             LR chi2(1)           =      0.13
                             Prob > chi2          =     0.7233
Log likelihood = -213.30466   Pseudo R2      =     0.0003

```

target_ai	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]	
preop_fev1_bin	.894657	.2836487	-0.35	0.726	.4806016	1.665436
_cons	.128266	.0185405	-14.21	0.000	.0966213	.1702747

Note: _cons estimates baseline odds.

```
. logistic target_ai preop_fev1_tot
```

```

Logistic regression          Number of obs   =      611
                             LR chi2(1)           =      0.11
                             Prob > chi2          =     0.7387
Log likelihood = -213.31171   Pseudo R2      =     0.0003

```

target_ai	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]	
preop_fev1_tot	1.056522	.1739559	0.33	0.738	.7651183	1.45891
_cons	.1057151	.0555463	-4.28	0.000	.0377474	.2960652

Note: _cons estimates baseline odds.

```
. logistic target_ai preop_vc_bin
```

```

Logistic regression          Number of obs   =      611
                             LR chi2(1)           =      0.07
                             Prob > chi2          =     0.7912
Log likelihood = -213.33231   Pseudo R2      =     0.0002

```

target_ai	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]	
preop_vc_bin	.9153947	.3079483	-0.26	0.793	.4734295	1.769952
_cons	.1272727	.0180574	-14.53	0.000	.0963756	.1680752

Note: _cons estimates baseline odds.

```
. logistic target_ai preop_vc_tot
```

```

Logistic regression          Number of obs   =      611
                             LR chi2(1)           =      0.71
                             Prob > chi2          =     0.3990
Log likelihood = -213.01162   Pseudo R2      =     0.0017

```

target_ai	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]	
preop_vc_tot	1.123223	.1546842	0.84	0.399	.8575176	1.471258
_cons	.0790442	.0447057	-4.49	0.000	.0260885	.239492

Note: _cons estimates baseline odds.

```
. logistic target_ai psm_robot
```

```

Logistic regression          Number of obs   =      611
                             LR chi2(1)           =      1.00
                             Prob > chi2          =     0.3180
Log likelihood = -212.86877   Pseudo R2      =     0.0023

```

target_ai	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]	
psm_robot	.6539171	.2918519	-0.95	0.341	.2726592	1.568286
_cons	.1310782	.0177044	-15.04	0.000	.1005914	.1708048

Note: _cons estimates baseline odds.

```

. logistic target_ai preop_diag preop_age preop_sex preop_smoke preop_alcohol preop_khk preop_aht preop_vhf preop_mi
preop_revasc preop_pavk preop_copd preop_liver preop_crea_tot
> preop_gfr_tot preop_quick_tot preop_albumin_tot preop_bilirubin_tot preop_platelet_bin preop_platelet_tot preop_leuko_bin
preop_leuko_tot preop_diabetes preop_weight preop_heig
> ht preop_bmi preop_ecog preop_tstage preop_neoadj preop_asa preop_weightloss_bin preop_fev1_bin preop_fev1_tot
preop_vc_bin preop_vc_tot psm_robot

```

```

Logistic regression          Number of obs   =      611
                             LR chi2(36)          =     60.01
                             Prob > chi2          =     0.0073
Log likelihood = -183.3616   Pseudo R2      =     0.1406

```

target_ai	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]	
preop_diag	2.310569	.8731838	2.22	0.027	1.101647	4.846132
preop_age	1.024795	.026794	0.94	0.349	.9736024	1.078679
preop_sex	1.415994	.890799	0.55	0.580	.4126411	4.859041
preop_smoke	1.079326	.2385854	0.35	0.730	.699833	1.664604
preop_alcohol	.7860342	.1402737	-1.35	0.177	.5540362	1.115179
preop_khk	1.307555	.7721066	0.45	0.650	.4109875	4.159982
preop_aht	2.584473	.8759357	2.80	0.005	1.330089	5.021844
preop_vhf	1.018108	.5336737	0.03	0.973	.3644261	2.844318
preop_mi	.6427659	.4499564	-0.63	0.528	.162999	2.534666
preop_revasc	1.611995	1.171279	0.66	0.511	.3880422	6.696511
preop_pavk	2.103952	1.340246	1.17	0.243	.6036826	7.332684

preop_copd	.3014692	.2007494	-1.80	0.072	.0817382	1.111888
preop_liver	.943999	.6293319	-0.09	0.931	.2555669	3.486892
preop_crea_tot	.7077344	1.03222	-0.24	0.813	.0405887	12.34057
preop_gfr_tot	1.000223	.0191804	0.01	0.991	.9633283	1.038532
preop_quick_tot	1.023174	.0108426	2.16	0.031	1.002142	1.044648
preop_albumin_tot	1.027106	.0384173	0.72	0.475	.9545027	1.105231
preop_bilirubin_tot	.721798	.4782202	-0.49	0.623	.1969974	2.644667
preop_platelet_bin	2.177683	1.212951	1.40	0.162	.7309414	6.487941
preop_platelet_tot	1.000311	.0017891	0.17	0.862	.9968101	1.003823
preop_leuko_bin	.9801346	.476376	-0.04	0.967	.3780726	2.540951
preop_leuko_tot	1.20783	.0713723	3.20	0.001	1.07574	1.35614
preop_diabetes	.7686087	.3472366	-0.58	0.560	.3170702	1.863181
preop_weight	1.030079	.0943466	0.32	0.746	.8608105	1.232632
preop_height	3.048991	28.41221	0.12	0.905	3.57e-08	2.61e+08
preop_bmi	.9216954	.267963	-0.28	0.779	.5213375	1.629505
preop_ecog	.852713	.1932214	-0.70	0.482	.5469202	1.32948
preop_tstage	1.272556	.3649224	0.84	0.401	.7254101	2.232391
preop_neoadj	.7445071	.1664722	-1.32	0.187	.48033	1.153979
preop_asa	1.207888	.2691586	0.84	0.399	.7797162	1.868707
preop_weightloss_bin	.366332	.1640709	-2.24	0.025	.15228	.8812654
preop_fev1_bin	1.042478	.5303422	0.08	0.935	.3846215	2.825534
preop_fev1_tot	.9010651	.3929313	-0.24	0.811	.3833267	2.118084
preop_vc_bin	1.267274	.6333678	0.47	0.636	.4758286	3.37513
preop_vc_tot	1.39338	.4826533	0.96	0.338	.7066779	2.747372
psm_robot	.5440629	.2846882	-1.16	0.245	.1950951	1.517231
_cons	3.89e-06	.0000669	-0.72	0.469	8.90e-21	1.70e+09

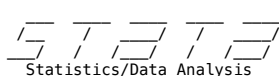
Note: _cons estimates baseline odds.

. logistic target_ai preop_diag preop_aht preop_quick_tot preop_leuko_tot preop_weightloss_bin

Logistic regression	Number of obs	=	611
	LR chi2(5)	=	35.55
	Prob > chi2	=	0.0000
Log likelihood = -195.59436	Pseudo R2	=	0.0833

	target_ai	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]
preop_diag		1.627234	.5040927	1.57	0.116	.8866666 2.986341
preop_aht		2.895973	.8825219	3.49	0.000	1.59367 5.262481
preop_quick_tot		1.017207	.0100239	1.73	0.083	.9977495 1.037045
preop_leuko_tot		1.163409	.0552633	3.19	0.001	1.059984 1.276925
preop_weightloss_bin		.3405975	.1438994	-2.55	0.011	.1488047 .7795903
_cons		.0038732	.0047597	-4.52	0.000	.0003484 .0430618

Note: _cons estimates baseline odds.

(R)
 Statistics/Data Analysis 15.0
Special Edition
Copyright 1985–2017 StataCorp LLC
StataCorp
4905 Lakeway Drive
College Station, Texas 77845 USA
800-STATA-PC <http://www.stata.com>
979-696-4600 stata@stata.com
979-696-4601 (fax)

. ologit target_clavien preop_age

Iteration 0: log likelihood = -981.52826
Iteration 1: log likelihood = -977.96471
Iteration 2: log likelihood = -977.96282
Iteration 3: log likelihood = -977.96282

Ordered logistic regression	Number of obs	=	611
	LR chi2(1)	=	7.13
	Prob > chi2	=	0.0076
Log likelihood = -977.96282	Pseudo R2	=	0.0036

target_clavien	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]
preop_age	.0197859	.0074462	2.66	0.008	.0051916 .0343803
/cut1	.6396768	.4779252			-.2970394 1.576393
/cut2	.8581883	.4785229			-.0796992 1.796076
/cut3	1.212152	.4792392			.2728604 2.151444
/cut4	2.917729	.4898475			1.957646 3.877813
/cut5	3.427267	.4962155			2.454702 4.399831
/cut6	4.007845	.5080483			3.012089 5.003602
/cut7	5.022014	.5510373			3.942 6.102027

. ologit target_clavien preop_diag

Iteration 0: log likelihood = -981.52826
Iteration 1: log likelihood = -981.01808
Iteration 2: log likelihood = -981.01804

Ordered logistic regression	Number of obs	=	611
	LR chi2(1)	=	1.02
	Prob > chi2	=	0.3124
Log likelihood = -981.01804	Pseudo R2	=	0.0005

Log likelihood = -981.19171
Prob > chi2 = 0.4120
Pseudo R2 = 0.0003

target_clavien	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]
preop_mi	.2241527	.2732275	0.82	0.412	-.3113634 .7596689
/cut1	-.5933848	.0872965			-.7644828 -.4222868
/cut2	-.3770443	.0851901			-.5440138 -.2100748
/cut3	-.0251194	.0836755			-.1891204 .1388816
/cut4	1.673004	.1124702			1.452566 1.893441
/cut5	2.181275	.1349955			1.916688 2.445861
/cut6	2.760483	.171282			2.424776 3.096189
/cut7	3.772448	.2715287			3.240261 4.304634

. ologit target_clavien preop_revasc

Iteration 0: log likelihood = -981.52826
Iteration 1: log likelihood = -981.50739
Iteration 2: log likelihood = -981.50739

Ordered logistic regression
Number of obs = 611
LR chi2(1) = 0.04
Prob > chi2 = 0.8381
Pseudo R2 = 0.0000
Log likelihood = -981.50739

target_clavien	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]
preop_revasc	.0586372	.2869263	0.20	0.838	-.5037279 .6210023
/cut1	-.6065968	.0871376			-.7773833 -.4358102
/cut2	-.3903728	.0849967			-.5569633 -.2237822
/cut3	-.0384434	.0833961			-.2018967 .12501
/cut4	1.659309	.1119935			1.439806 1.878812
/cut5	2.167192	.134528			1.903522 2.430862
/cut6	2.74586	.1708494			2.411002 3.080719
/cut7	3.757099	.2711888			3.225579 4.28862

. ologit target_clavien preop_pavk

Iteration 0: log likelihood = -981.52826
Iteration 1: log likelihood = -981.10124
Iteration 2: log likelihood = -981.10118

Ordered logistic regression
Number of obs = 611
LR chi2(1) = 0.85
Prob > chi2 = 0.3554
Pseudo R2 = 0.0004
Log likelihood = -981.10118

target_clavien	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]
preop_pavk	.3398446	.3675006	0.92	0.355	-.3804433 1.060133
/cut1	-.5975933	.0859028			-.7659596 -.429227
/cut2	-.3808158	.083823			-.5451059 -.2165256
/cut3	-.0281981	.0824237			-.1897457 .1333494
/cut4	1.670379	.1115776			1.45169 1.889067
/cut5	2.178111	.1341378			1.915206 2.441016
/cut6	2.756676	.1704891			2.422524 3.090829
/cut7	3.767664	.2709175			3.236675 4.298652

. ologit target_clavien preop_copd

Iteration 0: log likelihood = -981.52826
Iteration 1: log likelihood = -981.13935
Iteration 2: log likelihood = -981.1393

Ordered logistic regression
Number of obs = 611
LR chi2(1) = 0.78
Prob > chi2 = 0.3778
Pseudo R2 = 0.0004
Log likelihood = -981.1393

target_clavien	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]
preop_copd	.1830847	.2074226	0.88	0.377	-.2234561 .5896255
/cut1	-.5930072	.0870495			-.7636211 -.4223932
/cut2	-.3766252	.0849443			-.543113 -.2101375
/cut3	-.0244099	.0835086			-.1880838 .139264
/cut4	1.674716	.1125868			1.45405 1.895382
/cut5	2.182809	.1350564			1.918103 2.447515
/cut6	2.761873	.1713133			2.426105 3.09764
/cut7	3.774009	.2715727			3.241736 4.306281

. ologit target_clavien preop_liver

Iteration 0: log likelihood = -981.52826
Iteration 1: log likelihood = -981.11952
Iteration 2: log likelihood = -981.1195

Ordered logistic regression
Number of obs = 611
LR chi2(1) = 0.82
Prob > chi2 = 0.3659

Log likelihood = -981.1195 Pseudo R2 = 0.0004

target_clavien	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
preop_liver	-.2923422	.3241039	-0.90	0.367	-.9275742	.3428898
/cut1	-.6277803	.0868475			-.7979983	-.4575623
/cut2	-.4112367	.0845855			-.5770212	-.2454522
/cut3	-.0586579	.0829019			-.2211426	.1038268
/cut4	1.641168	.1112937			1.423036	1.8593
/cut5	2.149525	.1338379			1.887208	2.411843
/cut6	2.728318	.1702229			2.394688	3.061949
/cut7	3.739179	.2707711			3.208478	4.269881

. ologit target_clavien preop_crea_tot

Iteration 0: log likelihood = -981.52826
Iteration 1: log likelihood = -978.36014
Iteration 2: log likelihood = -978.35218
Iteration 3: log likelihood = -978.35218

Ordered logistic regression Number of obs = 611
LR chi2(1) = 6.35
Prob > chi2 = 0.0117
Log likelihood = -978.35218 Pseudo R2 = 0.0032

target_clavien	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
preop_crea_tot	.8881583	.3470551	2.56	0.010	.2079428	1.568374
/cut1	.1608635	.3129202			-.4524489	.7741759
/cut2	.378531	.3130046			-.2349468	.9920087
/cut3	.733757	.3140685			.118194	1.34932
/cut4	2.443843	.3295912			1.797856	3.089829
/cut5	2.953305	.3390982			2.288685	3.617925
/cut6	3.535264	.3572197			2.835126	4.235402
/cut7	4.552139	.4175773			3.733703	5.370576

. ologit target_clavien preop_gfr_tot

Iteration 0: log likelihood = -981.52826
Iteration 1: log likelihood = -977.11707
Iteration 2: log likelihood = -977.11431
Iteration 3: log likelihood = -977.11431

Ordered logistic regression Number of obs = 611
LR chi2(1) = 8.83
Prob > chi2 = 0.0030
Log likelihood = -977.11431 Pseudo R2 = 0.0045

target_clavien	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
preop_gfr_tot	-.0119344	.0040387	-2.95	0.003	-.0198501	-.0040186
/cut1	-1.646449	.3610245			-2.354044	-.9388543
/cut2	-1.428261	.3597246			-2.133308	-.7232135
/cut3	-1.07268	.3579142			-1.774179	-.3711808
/cut4	.6403928	.3585844			-.0624196	1.343205
/cut5	1.149555	.3655972			.4329978	1.866113
/cut6	1.729775	.3797228			.9855323	2.474018
/cut7	2.745033	.4328452			1.896672	3.593394

. ologit target_clavien preop_quick_tot

Iteration 0: log likelihood = -981.52826
Iteration 1: log likelihood = -981.49916
Iteration 2: log likelihood = -981.49915

Ordered logistic regression Number of obs = 611
LR chi2(1) = 0.06
Prob > chi2 = 0.8093
Log likelihood = -981.49915 Pseudo R2 = 0.0000

target_clavien	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
preop_quick_tot	-.001196	.0049578	-0.24	0.809	-.0109132	.0085211
/cut1	-.7387263	.5371624			-1.791545	.3140926
/cut2	-.5225544	.5369617			-1.57498	.5298712
/cut3	-.1706999	.5373203			-1.223828	.8824284
/cut4	1.526775	.5439297			.4606924	2.592858
/cut5	2.034515	.549356			.957797	3.111233
/cut6	2.613087	.559324			1.516832	3.709342
/cut7	3.62459	.5963			2.455863	4.793316

. ologit target_clavien preop_albumin_tot

Iteration 0: log likelihood = -981.52826
Iteration 1: log likelihood = -979.63938
Iteration 2: log likelihood = -979.63889
Iteration 3: log likelihood = -979.63889

Ordered logistic regression Number of obs = 611

Log likelihood = -979.63889

LR chi2(1) = 3.78
 Prob > chi2 = 0.0519
 Pseudo R2 = 0.0019

target_clavien	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]
preop_albumin_tot	.0342749	.0176978	1.94	0.053	-.0004122 .0689619
/cut1	.7550477	.7100647			-.6366535 2.146749
/cut2	.9721878	.7103842			-.4201397 2.364515
/cut3	1.32643	.7115513			-.068185 2.721045
/cut4	3.033393	.7214558			1.619366 4.447421
/cut5	3.542404	.7260377			2.119397 4.965412
/cut6	4.122305	.7344104			2.682887 5.561723
/cut7	5.133724	.7642436			3.635834 6.631614

. ologit target_clavien preop_bilirubin_tot

Iteration 0: log likelihood = -981.52826
 Iteration 1: log likelihood = -981.19298
 Iteration 2: log likelihood = -981.19293

Ordered logistic regression

Number of obs = 611
 LR chi2(1) = 0.67
 Prob > chi2 = 0.4128
 Pseudo R2 = 0.0003

Log likelihood = -981.19293

target_clavien	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]
preop_bilirubin_tot	.2688064	.3297141	0.82	0.415	-.3774212 .9150341
/cut1	-.4921464	.1681456			-.8217058 -.162587
/cut2	-.2756614	.1673699			-.6037004 .0523777
/cut3	.0768136	.1671881			-.250869 .4044961
/cut4	1.77502	.1840105			1.414366 2.135674
/cut5	2.282869	.1985835			1.893652 2.672085
/cut6	2.861859	.22512			2.420631 3.303086
/cut7	3.873487	.3085447			3.268751 4.478224

. ologit target_clavien preop_platelet_bin

Iteration 0: log likelihood = -981.52826
 Iteration 1: log likelihood = -981.50273
 Iteration 2: log likelihood = -981.50273

Ordered logistic regression

Number of obs = 611
 LR chi2(1) = 0.05
 Prob > chi2 = 0.8212
 Pseudo R2 = 0.0000

Log likelihood = -981.50273

target_clavien	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]
preop_platelet_bin	-.0671303	.2972627	-0.23	0.821	-.6497546 .5154939
/cut1	-.6151501	.0869077			-.785486 -.4448142
/cut2	-.3989604	.0847608			-.5650886 -.2328322
/cut3	-.046966	.083249			-.210131 .116199
/cut4	1.650954	.1118861			1.431661 1.870247
/cut5	2.158776	.1344019			1.895353 2.422199
/cut6	2.737404	.1706614			2.402914 3.071894
/cut7	3.748719	.2709847			3.217598 4.279839

. ologit target_clavien preop_platelet_tot

Iteration 0: log likelihood = -981.52826
 Iteration 1: log likelihood = -980.39596
 Iteration 2: log likelihood = -980.39578
 Iteration 3: log likelihood = -980.39578

Ordered logistic regression

Number of obs = 611
 LR chi2(1) = 2.26
 Prob > chi2 = 0.1323
 Pseudo R2 = 0.0012

Log likelihood = -980.39578

target_clavien	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]
preop_platelet_tot	-.0013101	.0008739	-1.50	0.134	-.0030229 .0004027
/cut1	-.9313406	.2302163			-1.382556 -.480125
/cut2	-.7142602	.2287963			-1.162693 -.2658277
/cut3	-.3601338	.2267717			-.8045982 .0843305
/cut4	1.341942	.2354458			.8804765 1.803407
/cut5	1.849706	.246907			1.365777 2.333635
/cut6	2.428738	.2681346			1.903204 2.954272
/cut7	3.439769	.3409394			2.77154 4.107998

. ologit target_clavien preop_leuko_bin

Iteration 0: log likelihood = -981.52826
 Iteration 1: log likelihood = -979.24189
 Iteration 2: log likelihood = -979.24118
 Iteration 3: log likelihood = -979.24118

Ordered logistic regression Number of obs = 611
 LR chi2(1) = 4.57
 Prob > chi2 = 0.0325
 Log likelihood = -979.24118 Pseudo R2 = 0.0023

target_clavien	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]
preop_leuko_bin	-.4955335	.2334357	-2.12	0.034	-.953059 - .0380079
/cut1	-.6705025	.089461			-.8458427 -.4951622
/cut2	-.453601	.0872112			-.6245318 -.2826703
/cut3	-.100145	.0854434			-.2676109 .0673209
/cut4	1.605438	.1125215			1.3849 1.825976
/cut5	2.11482	.1347966			1.850623 2.379017
/cut6	2.695028	.1709039			2.360062 3.029993
/cut7	3.708016	.2711237			3.176623 4.239408

. ologit target_clavien preop_leuko_tot

Iteration 0: log likelihood = -981.52826
 Iteration 1: log likelihood = -979.80862
 Iteration 2: log likelihood = -979.80758
 Iteration 3: log likelihood = -979.80758

Ordered logistic regression Number of obs = 611
 LR chi2(1) = 3.44
 Prob > chi2 = 0.0636
 Log likelihood = -979.80758 Pseudo R2 = 0.0018

target_clavien	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]
preop_leuko_tot	.0553174	.0297323	1.86	0.063	-.0029568 .1135917
/cut1	-.2648015	.2040458			-.6647239 .1351209
/cut2	-.0481779	.2034309			-.4468952 .3505393
/cut3	.3050188	.2035663			-.0939638 .7040013
/cut4	2.010163	.2218114			1.575421 2.444906
/cut5	2.519138	.2347245			2.059087 2.97919
/cut6	3.098472	.2576517			2.593484 3.60346
/cut7	4.111363	.3333381			3.458032 4.764694

. ologit target_clavien preop_diabetes

Iteration 0: log likelihood = -981.52826
 Iteration 1: log likelihood = -980.59378
 Iteration 2: log likelihood = -980.59358
 Iteration 3: log likelihood = -980.59358

Ordered logistic regression Number of obs = 611
 LR chi2(1) = 1.87
 Prob > chi2 = 0.1715
 Log likelihood = -980.59358 Pseudo R2 = 0.0010

target_clavien	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]
preop_diabetes	.3152519	.2304941	1.37	0.171	-.1365082 .7670119
/cut1	-.576039	.0884104			-.7493203 -.4027578
/cut2	-.3594743	.0863784			-.5287727 -.1901758
/cut3	-.0069747	.0850407			-.1736513 .1597019
/cut4	1.693652	.1140997			1.470021 1.917283
/cut5	2.203263	.1365942			1.935544 2.470983
/cut6	2.783242	.1726502			2.444854 3.12163
/cut7	3.795397	.2724013			3.2615 4.329294

. ologit target_clavien preop_weight

Iteration 0: log likelihood = -981.52826
 Iteration 1: log likelihood = -980.90855
 Iteration 2: log likelihood = -980.90847

Ordered logistic regression Number of obs = 611
 LR chi2(1) = 1.24
 Prob > chi2 = 0.2655
 Log likelihood = -980.90847 Pseudo R2 = 0.0006

target_clavien	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]
preop_weight	.0045568	.0040894	1.11	0.265	-.0034582 .0125718
/cut1	-.2317447	.3503959			-.918508 .4550186
/cut2	-.015367	.3500705			-.7014926 .6707586
/cut3	.3376547	.3507065			-.3497173 1.025027
/cut4	2.039933	.3633241			1.327831 2.752035
/cut5	2.548564	.3716715			1.820101 3.277027
/cut6	3.127454	.3865915			2.369749 3.88516
/cut7	4.138779	.4403513			3.275707 5.001852

. ologit target_clavien preop_height

Iteration 0: log likelihood = -981.52826
 Iteration 1: log likelihood = -981.38544
 Iteration 2: log likelihood = -981.38543

```

Ordered logistic regression          Number of obs   =      611
                                   LR chi2(1)        =       0.29
                                   Prob > chi2       =     0.5930
Log likelihood = -981.38543         Pseudo R2      =     0.0001

```

target_clavien	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
preop_height	-.4509119	.8436931	-0.53	0.593	-2.10452	1.202696
/cut1	-1.407543	1.493286			-4.33433	1.519243
/cut2	-1.191056	1.492615			-4.116528	1.734416
/cut3	-.8390615	1.492498			-3.764305	2.086182
/cut4	.8581386	1.495175			-2.072351	3.788628
/cut5	1.366132	1.49668			-1.567306	4.299571
/cut6	1.944974	1.499839			-.9946559	4.884605
/cut7	2.956091	1.514594			-.012459	5.924641

```
. ologit target_clavien preop_bmi
```

```

Iteration 0:  log likelihood = -981.52826
Iteration 1:  log likelihood = -980.32243
Iteration 2:  log likelihood = -980.32215
Iteration 3:  log likelihood = -980.32215

```

```

Ordered logistic regression          Number of obs   =      611
                                   LR chi2(1)        =       2.41
                                   Prob > chi2       =     0.1204
Log likelihood = -980.32215         Pseudo R2      =     0.0012

```

target_clavien	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
preop_bmi	.0231354	.014889	1.55	0.120	-.0060464	.0523172
/cut1	.0030112	.4037516			-.7883274	.7943498
/cut2	.21995	.4038279			-.5715381	1.011438
/cut3	.573616	.4047101			-.2196012	1.366833
/cut4	2.277297	.4164862			1.460999	3.093595
/cut5	2.786414	.4239976			1.955394	3.617434
/cut6	3.365793	.437382			2.50854	4.223046
/cut7	4.377236	.4856056			3.425467	5.329006

```
. ologit target_clavien preop_ecog
```

```

Iteration 0:  log likelihood = -981.52826
Iteration 1:  log likelihood = -981.42379
Iteration 2:  log likelihood = -981.42379

```

```

Ordered logistic regression          Number of obs   =      611
                                   LR chi2(1)        =       0.21
                                   Prob > chi2       =     0.6476
Log likelihood = -981.42379         Pseudo R2      =     0.0001

```

target_clavien	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
preop_ecog	.0484904	.1060566	0.46	0.648	-.1593766	.2563575
/cut1	-.5848881	.1018574			-.784525	-.3852512
/cut2	-.3686078	.1001168			-.5648331	-.1723824
/cut3	-.016489	.0990021			-.2105295	.1775515
/cut4	1.681498	.1244086			1.437662	1.925335
/cut5	2.189207	.144894			1.90522	2.473194
/cut6	2.767822	.1791109			2.416771	3.118873
/cut7	3.779259	.2765768			3.237178	4.321339

```
. ologit target_clavien preop_tstage
```

```

Iteration 0:  log likelihood = -981.52826
Iteration 1:  log likelihood = -981.50748
Iteration 2:  log likelihood = -981.50748

```

```

Ordered logistic regression          Number of obs   =      611
                                   LR chi2(1)        =       0.04
                                   Prob > chi2       =     0.8384
Log likelihood = -981.50748         Pseudo R2      =     0.0000

```

target_clavien	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
preop_tstage	-.026637	.1305891	-0.20	0.838	-.2825869	.229313
/cut1	-.6852817	.3749902			-1.420249	.0496854
/cut2	-.4690693	.3744726			-1.203022	.2648835
/cut3	-.1169521	.3735792			-.8491538	.6152496
/cut4	1.581528	.377957			.840746	2.32231
/cut5	2.089374	.3851371			1.334519	2.844229
/cut6	2.667	.3998918			1.884026	3.451573
/cut7	3.678775	.4526155			2.791665	4.565885

```
. ologit target_clavien preop_neoadj
```

```

Iteration 0:  log likelihood = -981.52826
Iteration 1:  log likelihood = -981.06367
Iteration 2:  log likelihood = -981.06364

```

```

Ordered logistic regression      Number of obs   =      611
                                LR chi2(1)       =      0.93
                                Prob > chi2          =      0.3351
Log likelihood = -981.06364     Pseudo R2      =      0.0005

```

target_clavien	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]
preop_neoadj	-.0922078	.0956946	-0.96	0.335	-.2797657 .0953501
/cut1	-.7473949	.1653332			-1.071442 -.4233479
/cut2	-.5308846	.1638933			-.8521097 -.2096596
/cut3	-.1783423	.1625442			-.496923 .1402385
/cut4	1.521051	.1770817			1.173977 1.868125
/cut5	2.028874	.1920458			1.652471 2.405276
/cut6	2.607534	.2188789			2.17854 3.036529
/cut7	3.619168	.3034457			3.024425 4.21391

```
. ologit target_clavien preop_asa
```

```

Iteration 0: log likelihood = -981.52826
Iteration 1: log likelihood = -981.51666
Iteration 2: log likelihood = -981.51666

```

```

Ordered logistic regression      Number of obs   =      611
                                LR chi2(1)       =      0.02
                                Prob > chi2          =      0.8789
Log likelihood = -981.51666     Pseudo R2      =      0.0000

```

target_clavien	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]
preop_asa	-.0157401	.1033243	-0.15	0.879	-.2182519 .1867718
/cut1	-.6308719	.1567989			-.938192 -.3235517
/cut2	-.4146385	.155474			-.7193619 -.1099151
/cut3	-.0626595	.1547901			-.3660426 .2407235
/cut4	1.63515	.1721419			1.297758 1.972542
/cut5	2.142996	.1874863			1.775529 2.510462
/cut6	2.721565	.2149934			2.300186 3.142945
/cut7	3.732672	.3010431			3.142639 4.322706

```
. ologit target_clavien preop_weightloss_bin
```

```

Iteration 0: log likelihood = -981.52826
Iteration 1: log likelihood = -981.24008
Iteration 2: log likelihood = -981.24007

```

```

Ordered logistic regression      Number of obs   =      611
                                LR chi2(1)       =      0.58
                                Prob > chi2          =      0.4477
Log likelihood = -981.24007     Pseudo R2      =      0.0003

```

target_clavien	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]
preop_weightloss_bin	-.1319197	.1738759	-0.76	0.448	-.4727102 .2088708
/cut1	-.6423225	.0944462			-.8274336 -.4572114
/cut2	-.4259735	.0923567			-.6069893 -.2449577
/cut3	-.0734346	.0906105			-.2510279 .1041586
/cut4	1.626328	.116509			1.397975 1.854682
/cut5	2.134391	.1381718			1.863579 2.405203
/cut6	2.713235	.173589			2.373007 3.053463
/cut7	3.724302	.2728953			3.189437 4.259166

```
. ologit target_clavien preop_fev1_bin
```

```

Iteration 0: log likelihood = -981.52826
Iteration 1: log likelihood = -980.5515
Iteration 2: log likelihood = -980.55133
Iteration 3: log likelihood = -980.55133

```

```

Ordered logistic regression      Number of obs   =      611
                                LR chi2(1)       =      1.95
                                Prob > chi2          =      0.1622
Log likelihood = -980.55133     Pseudo R2      =      0.0010

```

target_clavien	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]
preop_fev1_bin	.2468209	.1765836	1.40	0.162	-.0992766 .5929184
/cut1	-.5568789	.0930141			-.7391833 -.3745745
/cut2	-.3402201	.0911587			-.5188879 -.1615522
/cut3	.011778	.0898081			-.1642427 .1877987
/cut4	1.711715	.117837			1.480759 1.942672
/cut5	2.221344	.1398448			1.947253 2.495435
/cut6	2.801263	.1752887			2.457703 3.144822
/cut7	3.812918	.2740493			3.275791 4.350045

```
. ologit target_clavien preop_fev1_tot
```

```

Iteration 0: log likelihood = -981.52826
Iteration 1: log likelihood = -979.46657
Iteration 2: log likelihood = -979.46574

```

Iteration 3: log likelihood = -979.46574

Ordered logistic regression Number of obs = 611
LR chi2(1) = 4.13
Prob > chi2 = 0.0423
Log likelihood = -979.46574 Pseudo R2 = 0.0021

target_clavien	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]
preop_fev1_tot	-.1886035	.0932769	-2.02	0.043	-.3714229 - .0057842
/cut1	-1.188106	.2980295			-1.772233 - .6039789
/cut2	-.9703782	.2965848			-1.551674 - .3890826
/cut3	-.618018	.2957912			-1.197758 - .0382779
/cut4	1.081806	.3026641			.4885953 1.675017
/cut5	1.591114	.3109039			.9817534 2.200474
/cut6	2.171532	.3273603			1.529918 2.813147
/cut7	3.184538	.3885131			2.423067 3.94601

. ologit target_clavien preop_vc_bin

Iteration 0: log likelihood = -981.52826
Iteration 1: log likelihood = -981.19362
Iteration 2: log likelihood = -981.1936

Ordered logistic regression Number of obs = 611
LR chi2(1) = 0.67
Prob > chi2 = 0.4133
Log likelihood = -981.1936 Pseudo R2 = 0.0003

target_clavien	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]
preop_vc_bin	.1528855	.1868424	0.82	0.413	-.2133189 .5190898
/cut1	-.5817172	.0918089			-.7616593 -.4017751
/cut2	-.3653163	.0898696			-.5414576 -.1891751
/cut3	-.0136766	.0882937			-.1867291 .159376
/cut4	1.684506	.1160864			1.456981 1.912031
/cut5	2.193376	.1382898			1.922333 2.464419
/cut6	2.772504	.1739368			2.431594 3.113414
/cut7	3.783648	.2731155			3.248352 4.318945

. ologit target_clavien preop_vc_tot

Iteration 0: log likelihood = -981.52826
Iteration 1: log likelihood = -979.49341
Iteration 2: log likelihood = -979.49249
Iteration 3: log likelihood = -979.49249

Ordered logistic regression Number of obs = 611
LR chi2(1) = 4.07
Prob > chi2 = 0.0436
Log likelihood = -979.49249 Pseudo R2 = 0.0021

target_clavien	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]
preop_vc_tot	-.158622	.0789692	-2.01	0.045	-.3133988 -.0038453
/cut1	-1.230946	.3203771			-1.858873 -.6030182
/cut2	-1.013086	.3188979			-1.638114 -.3880573
/cut3	-.6602034	.3178733			-1.283224 -.0371832
/cut4	1.039715	.3239606			.404764 1.674666
/cut5	1.548533	.3317715			.898273 2.198793
/cut6	2.129057	.3470875			1.448778 2.809336
/cut7	3.142086	.4051863			2.347936 3.936237

. ologit target_clavien psm_robot

Iteration 0: log likelihood = -981.52826
Iteration 1: log likelihood = -979.41838
Iteration 2: log likelihood = -979.41765
Iteration 3: log likelihood = -979.41765

Ordered logistic regression Number of obs = 611
LR chi2(1) = 4.22
Prob > chi2 = 0.0399
Log likelihood = -979.41765 Pseudo R2 = 0.0022

target_clavien	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]
psm_robot	-.4687046	.229703	-2.04	0.041	-.9189143 -.0184949
/cut1	-.6694188	.0896567			-.8451427 -.493695
/cut2	-.4517284	.0872717			-.6227778 -.2806791
/cut3	-.0979531	.085441			-.2654144 .0695081
/cut4	1.605104	.1127251			1.384167 1.826041
/cut5	2.113214	.1350485			1.848524 2.377904
/cut6	2.692443	.1711465			2.357002 3.027884
/cut7	3.70471	.2712925			3.172987 4.236434

. ologit target_clavien preop_diag preop_age preop_sex preop_smoke preop_alcohol preop_khk preop_ahf preop_vhf preop_mi preop_revasc preop_pavk preop_copd preop_liver preop_crea_t

```

> ot preop_gfr_tot preop_quick_tot preop_albumin_tot preop_bilirubin_tot preop_platelet_bin preop_platelet_tot
preop_leuko_bin preop_leuko_tot preop_diabetes preop_weight preop_he
> ight preop_bmi preop_ecog preop_tstage preop_neoadj preop_asa preop_weightloss_bin preop_fev1_bin preop_fev1_tot
preop_vc_bin preop_vc_tot psm_robot

```

```

Iteration 0: log likelihood = -981.52826
Iteration 1: log likelihood = -958.55393
Iteration 2: log likelihood = -958.44063
Iteration 3: log likelihood = -958.44059

```

```

Ordered logistic regression      Number of obs      =      611
                                LR chi2(36)            =      46.18
                                Prob > chi2            =      0.1192
                                Pseudo R2              =      0.0235
Log likelihood = -958.44059

```

target_clavien	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
preop_diag	.2958104	.2107815	1.40	0.160	-.1173137	.7089345
preop_age	.0240988	.013692	1.76	0.078	-.002737	.0509345
preop_sex	.3190734	.3189166	1.00	0.317	-.3059916	.9441384
preop_smoke	.0721571	.117763	0.61	0.540	-.1586542	.3029683
preop_alcohol	-.1200487	.0839121	-1.43	0.153	-.2845134	.0444159
preop_khk	.4072216	.3313026	1.23	0.219	-.2421195	1.056563
preop_aht	-.1012486	.1674146	-0.60	0.545	-.4293753	.226878
preop_vhf	.278302	.303634	0.92	0.359	-.3168097	.8734137
preop_mi	.0430775	.3786773	0.11	0.909	-.6991165	.7852714
preop_revasc	-.5662181	.4275882	-1.32	0.185	-1.404276	.2718395
preop_pavk	.0043689	.3989792	0.01	0.991	-.7776159	.7863537
preop_copd	.0532825	.2323899	0.23	0.819	-.4021934	.5087584
preop_liver	-.2208616	.3403901	-0.65	0.516	-.8880139	.4462907
preop_crea_tot	.908322	.7982525	1.14	0.255	-.6562242	2.472868
preop_gfr_tot	.0034878	.0101603	0.34	0.731	-.016426	.0234016
preop_quick_tot	.0022171	.0054449	0.41	0.684	-.0084547	.012889
preop_albumin_tot	.0465906	.0196391	2.37	0.018	.0080988	.0850824
preop_bilirubin_tot	-.0080342	.3634425	-0.02	0.982	-.7203684	.7043
preop_platelet_bin	-.1303041	.3266456	-0.40	0.690	-.7705177	.5099096
preop_platelet_tot	-.0016849	.0010025	-1.68	0.093	-.0036498	.0002799
preop_leuko_bin	-.2722625	.2575382	-1.06	0.290	-.777028	.2325031
preop_leuko_tot	.0660022	.0351129	1.88	0.060	-.0028178	.1348223
preop_diabetes	.2074778	.2453426	0.85	0.398	-.2733849	.6883404
preop_weight	.0148662	.0489453	0.30	0.761	-.0810648	.1107972
preop_height	-.9418378	4.894166	-0.19	0.847	-10.53423	8.650551
preop_bmi	-.0253877	.1525284	-0.17	0.868	-.3243379	.2735626
preop_ecog	-.0472536	.117322	-0.40	0.687	-.2772006	.1826933
preop_tstage	.1196907	.1527467	0.78	0.433	-.1796873	.4190686
preop_neoadj	-.0519718	.1213627	-0.43	0.668	-.2898383	.1858947
preop_asa	-.0173371	.1176142	-0.15	0.883	-.2478568	.2131825
preop_weightloss_bin	-.0441396	.1882343	-0.23	0.815	-.4130722	.3247929
preop_fev1_bin	.4148451	.2705546	1.53	0.125	-.115432	.9451223
preop_fev1_tot	.0826848	.2108457	0.39	0.695	-.3305651	.4959347
preop_vc_bin	-.2448852	.2612089	-0.94	0.348	-.7568454	.2670749
preop_vc_tot	-.1000473	.1767692	-0.57	0.571	-.4465084	.2464139
psm_robot	-.4026424	.2619737	-1.54	0.124	-.9161014	.1108167
/cut1	3.110269	8.995473			-14.52053	20.74107
/cut2	3.339449	8.995768			-14.29193	20.97083
/cut3	3.713643	8.996308			-13.9188	21.34608
/cut4	5.491483	8.99736			-12.14302	23.12598
/cut5	6.012208	8.996894			-11.62138	23.6458
/cut6	6.606966	8.997565			-11.02794	24.24187
/cut7	7.633713	9.000814			-10.00756	25.27498