



User: R 102 113

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log type: smcl
opened on: 27 Dec 2020, 17:30:17

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1 . do "C:\Users\u0002299\AppData\Local\Temp\STD3060_000000.tmp"
2 . * Model 102
3 . regress UMN_reason_R T_YEAR T_IS T_ISYR PER_INCOME AGE_R ///
> Sex Marital_R Chronic_illness Limitation_health_R URB2 URB3 BAC2 BAC3 BAC4 GHE1 GHE2 ///
> , vce(cluster ROBUST)

```

Linear regression

Number of obs	=	18,841
F(2, 3)	=	.
Prob > F	=	.
R-squared	=	0.0303
Root MSE	=	.14796

(Std. Err. adjusted for 4 clusters in ROBUST)

UMN_reason_R	Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]	
T_YEAR	-.0083294	.0014902	-5.59	0.011	-.013072	-.0035868
T_IS	-.0077428	.0010448	-7.41	0.005	-.011068	-.0044177
T_ISYR	.0323636	.0019279	16.79	0.000	.0262282	.0384989
PER_INCOME	-.0001932	.0000622	-3.11	0.053	-.000391	4.64e-06
AGE_R	-.0003558	.0001928	-1.85	0.162	-.0009693	.0002578
Sex	.0018342	.002445	0.75	0.508	-.0059468	.0096152
Marital_R	.0028225	.0021969	1.28	0.289	-.0041688	.0098139
Chronic_illness	.0104122	.0023084	4.51	0.020	.0030657	.0177587
Limitation_health_R	.0194876	.0076932	2.53	0.085	-.0049955	.0439707
URB2	-.0001594	.0036765	-0.04	0.968	-.0118595	.0115408
URB3	-.0037615	.0041511	-0.91	0.432	-.0169722	.0094493
BAC2	.0368974	.0117705	3.13	0.052	-.0005615	.0743563
BAC3	-.0117938	.0123329	-0.96	0.409	-.0510427	.027455
BAC4	-.0007277	.0091857	-0.08	0.942	-.0299607	.0285053
GHE1	.0181866	.0036828	4.94	0.016	.0064662	.0299071
GHE2	.0558763	.0176743	3.16	0.051	-.0003711	.1121238
_cons	.0392474	.0095412	4.11	0.026	.0088831	.0696117

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4 .
5 . * Model 103
6 . regress UMN_reason_R T_YEAR T_IE T_IEYR PER_INCOME AGE_R ///
> Sex Marital_R Chronic_illness Limitation_health_R URB2 URB3 BAC2 BAC3 BAC4 GHE1 GHE2 ///
> , vce(cluster ROBUST)

```

Linear regression

Number of obs	=	49,507
F(2, 3)	=	.
Prob > F	=	.
R-squared	=	0.0152
Root MSE	=	.1426

(Std. Err. adjusted for 4 clusters in ROBUST)

UMN_reason_R	Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]	
T_YEAR	.0093571	.0003943	23.73	0.000	.0081021	.010612
T_IE	.0082665	.0014765	5.60	0.011	.0035676	.0129653
T_IEYR	.0114898	.0005057	22.72	0.000	.0098806	.0130991
PER_INCOME	-.0000317	.0000538	-0.59	0.597	-.0002027	.0001394
AGE_R	-.0001453	.0000614	-2.36	0.099	-.0003408	.0000502
Sex	-.0049619	.001712	-2.90	0.063	-.0104101	.0004864
Marital_R	-.0012629	.0036518	-0.35	0.752	-.0128847	.0103589
Chronic_illness	.009245	.0026971	3.43	0.042	.0006615	.0178285
Limitation_health_R	.010037	.002214	4.53	0.020	.0029911	.0170828
URB2	-.0009476	.001254	-0.76	0.505	-.0049385	.0030434
URB3	-.0043537	.0029788	-1.46	0.240	-.0138336	.0051262
BAC2	.0044309	.0070079	0.63	0.572	-.0178712	.0267331
BAC3	-.0150976	.0055915	-2.70	0.074	-.0328921	.002697

BAC4	-.0100469	.0046358	-2.17	0.119	-.0248001	.0047064
GHE1	.0139571	.0059689	2.34	0.101	-.0050388	.0329529
GHE2	.0344529	.0080143	4.30	0.023	.0089477	.059958
_cons	.0191343	.0078559	2.44	0.093	-.0058667	.0441353

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7 .
8 . * Model 104
9 . regress UMN_reason_R T_YEAR P_IS P_ISYR PER_INCOME AGE_R ///
> Sex Marital_R Chronic_illness Limitation_health_R URB2 URB3 BAC2 BAC3 BAC4 GHE1 GHE2 ///
> , vce(cluster ROBUST)

```

Linear regression

Number of obs	=	30,562
F(2, 3)	=	.
Prob > F	=	.
R-squared	=	0.0287
Root MSE	=	.16513

(Std. Err. adjusted for 4 clusters in ROBUST)

UMN_reason_R	Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]	
T_YEAR	.0238659	.0004238	56.31	0.000	.0225171	.0252146
P_IS	.0119565	.0025682	4.66	0.019	.0037834	.0201297
P_ISYR	.0015002	.0012712	1.18	0.323	-.0025452	.0055456
PER_INCOME	-.0004453	.0001332	-3.34	0.044	-.0008691	-.0000215
AGE_R	-.0000223	.0000962	-0.23	0.831	-.0003284	.0002837
Sex	-.0067423	.0023749	-2.84	0.066	-.0143002	.0008155
Marital_R	.0039818	.0017344	2.30	0.105	-.0015379	.0095015
Chronic_illness	-.0012114	.0037938	-0.32	0.770	-.0132849	.0108622
Limitation_health_R	.0195933	.0046511	4.21	0.024	.0047913	.0343953
URB2	-.0020591	.0050967	-0.40	0.713	-.0182792	.014161
URB3	-.005164	.001963	-2.63	0.078	-.0114112	.0010831
BAC2	.01227	.0039074	3.14	0.052	-.0001651	.0247051
BAC3	-.0225987	.0062219	-3.63	0.036	-.0423994	-.002798
BAC4	-.003589	.0052776	-0.68	0.545	-.0203845	.0132065
GHE1	.0238074	.0068926	3.45	0.041	.0018719	.0457429
GHE2	.0348543	.0116032	3.00	0.057	-.0020723	.0717808
_cons	.0251838	.0048716	5.17	0.014	.0096803	.0406873

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10 .
11 . * Model 105
12 . regress UMN_reason_R T_YEAR P_IE P_IEYR PER_INCOME AGE_R ///
> Sex Marital_R Chronic_illness Limitation_health_R URB2 URB3 BAC2 BAC3 BAC4 GHE1 GHE2 ///
> , vce(cluster ROBUST)

```

Linear regression

Number of obs	=	45,318
F(2, 3)	=	.
Prob > F	=	.
R-squared	=	0.0220
Root MSE	=	.16331

(Std. Err. adjusted for 4 clusters in ROBUST)

UMN_reason_R	Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]	
T_YEAR	.0245197	.0005157	47.54	0.000	.0228784	.026161
P_IE	.0169231	.0033464	5.06	0.015	.0062734	.0275728
P_IEYR	-.0034692	.0004825	-7.19	0.006	-.0050049	-.0019335
PER_INCOME	-.0003282	.0001408	-2.33	0.102	-.0007762	.0001198
AGE_R	-.0001385	.0000919	-1.51	0.229	-.0004309	.0001538
Sex	-.0080309	.0017578	-4.57	0.020	-.013625	-.0024369
Marital_R	-.0012191	.0038611	-0.32	0.773	-.0135069	.0110687
Chronic_illness	.0006679	.0055528	0.12	0.912	-.0170037	.0183395
Limitation_health_R	.0149048	.0025849	5.77	0.010	.0066786	.0231309
URB2	-.0035803	.0034816	-1.03	0.379	-.0146603	.0074997
URB3	-.008201	.0009135	-8.98	0.003	-.0111084	-.0052937
BAC2	.004644	.0064315	0.72	0.522	-.015824	.0251119
BAC3	-.0214509	.0055586	-3.86	0.031	-.0391407	-.003761
BAC4	-.0144041	.0049069	-2.94	0.061	-.0300202	.0012119

GHE1	.0255182	.0053955	4.73	0.018	.0083473	.0426892
GHE2	.0402871	.0107896	3.73	0.033	.0059498	.0746244
_cons	.0304914	.0032012	9.52	0.002	.0203037	.0406791

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13 .
14 . * Model 107
15 . regress UMN_reason_R T_YEAR T_IS T_ISYR KWIN2 KWIN3 KWIN4 KWIN5 T_ISKWIN2 T_ISKWIN3 T_ISKWIN4 T_ISKWIN5
> AGE_R Sex Marital_R Chronic_illness Limitation_health_R URB2 URB3 BAC2 BAC3 BAC4 GHE1 GHE2 ///
> T_ISYRKWIN2 T_ISYRKWIN3 T_ISYRKWIN4 T_ISYRKWIN5, vce(cluster ROBUST)

```

Linear regression

Number of obs	=	18,841
F(2, 3)	=	.
Prob > F	=	.
R-squared	=	0.0315
Root MSE	=	.14791

(Std. Err. adjusted for 4 clusters in ROBUST)

UMN_reason_R	Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]	
T_YEAR	-.0081045	.0014555	-5.57	0.011	-.0127364	-.0034725
T_IS	-.0023653	.0042094	-0.56	0.613	-.0157615	.0110309
T_ISYR	.0489625	.0016282	30.07	0.000	.0437807	.0541443
KWIN2	-.0011269	.0071172	-0.16	0.884	-.0237769	.021523
KWIN3	-.004789	.0058949	-0.81	0.476	-.0235492	.0139712
KWIN4	-.0051139	.0049168	-1.04	0.375	-.0207612	.0105335
KWIN5	-.0088873	.0051326	-1.73	0.182	-.0252215	.0074468
T_ISKWIN2	-.0028317	.00643	-0.44	0.689	-.0232948	.0176313
T_ISKWIN3	-.0116501	.0046799	-2.49	0.089	-.0265437	.0032436
T_ISKWIN4	-.0067644	.0035255	-1.92	0.151	-.017984	.0044553
T_ISKWIN5	-.006588	.0036619	-1.80	0.170	-.018242	.0050659
AGE_R	-.0003681	.000193	-1.91	0.153	-.0009824	.0002461
Sex	.0018453	.0024298	0.76	0.503	-.0058874	.009578
Marital_R	.0029715	.0022267	1.33	0.274	-.0041147	.0100577
Chronic_illness	.0104084	.0022837	4.56	0.020	.0031405	.0176763
Limitation_health_R	.0195778	.0078209	2.50	0.087	-.0053119	.0444675
URB2	-.0006187	.0033809	-0.18	0.866	-.0113782	.0101407
URB3	-.0035459	.0041031	-0.86	0.451	-.0166039	.0095121
BAC2	.0378639	.0117631	3.22	0.049	.0004285	.0752994
BAC3	-.0111296	.0120471	-0.92	0.424	-.0494688	.0272096
BAC4	-.0006399	.0093985	-0.07	0.950	-.0305502	.0292704
GHE1	.0183551	.0037955	4.84	0.017	.006276	.0304341
GHE2	.0559581	.0177137	3.16	0.051	-.0004148	.1123309
T_ISYRKWIN2	-.0195746	.0004622	-42.35	0.000	-.0210456	-.0181037
T_ISYRKWIN3	-.0161957	.0018731	-8.65	0.003	-.0221568	-.0102346
T_ISYRKWIN4	-.0182579	.0007181	-25.43	0.000	-.0205432	-.0159726
T_ISYRKWIN5	-.0351404	.0010723	-32.77	0.000	-.0385529	-.031728
_cons	.0338372	.0152125	2.22	0.113	-.0145758	.0822503

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16 .
17 . * Model 108
18 . regress UMN_reason_R T_YEAR T_IE T_IEYR KWIN2 KWIN3 KWIN4 KWIN5 T_IEKWIN2 T_IEKWIN3 T_IEKWIN4 T_IEKWIN5
> AGE_R Sex Marital_R Chronic_illness Limitation_health_R URB2 URB3 BAC2 BAC3 BAC4 GHE1 GHE2 ///
> T_IEYRKWIN2 T_IEYRKWIN3 T_IEYRKWIN4 T_IEYRKWIN5, vce(cluster ROBUST)

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Linear regression

Number of obs	=	49,507
F(2, 3)	=	.
Prob > F	=	.
R-squared	=	0.0166
Root MSE	=	.14252

(Std. Err. adjusted for 4 clusters in ROBUST)

UMN_reason_R	Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]	
T_YEAR	.0094468	.0003368	28.05	0.000	.0083749	.0105188
T_IE	.008037	.0023207	3.46	0.041	.0006515	.0154225
T_IEYR	.0063405	.00071	8.93	0.003	.0040809	.0086001
KWIN2	-.0024363	.0008559	-2.85	0.065	-.0051603	.0002876
KWIN3	-.0005937	.0027968	-0.21	0.845	-.0094943	.0083069
KWIN4	-.0000517	.0012575	-0.04	0.970	-.0040535	.0039502
KWIN5	.0011885	.0024478	0.49	0.661	-.0066014	.0089785
T_IEKWIN2	.0068826	.0005083	13.54	0.001	.0052649	.0085002
T_IEKWIN3	.0059103	.002767	2.14	0.122	-.0028956	.0147161
T_IEKWIN4	.0016287	.0009473	1.72	0.184	-.001386	.0046434
T_IEKWIN5	-.0120262	.0028381	-4.24	0.024	-.0210584	-.0029941
AGE_R	-.0001485	.0000579	-2.56	0.083	-.0003329	.0000359
Sex	-.005071	.0017456	-2.91	0.062	-.0106261	.0004842
Marital_R	-.0010777	.0035231	-0.31	0.780	-.0122897	.0101342
Chronic_illness	.0090424	.0025268	3.58	0.037	.0010009	.0170839
Limitation_health_R	.0100294	.0022913	4.38	0.022	.0027376	.0173212
URB2	-.0015705	.0013149	-1.19	0.318	-.0057551	.0026141
URB3	-.0050557	.0032308	-1.56	0.216	-.0153376	.0052261
BAC2	.0042478	.0068648	0.62	0.580	-.0175992	.0260947
BAC3	-.0147351	.005517	-2.67	0.076	-.0322926	.0028224
BAC4	-.0102569	.0044551	-2.30	0.105	-.0244352	.0039213
GHE1	.0138925	.0058736	2.37	0.099	-.0047999	.0325849
GHE2	.0348969	.0081124	4.30	0.023	.0090796	.0607141
T_IEYRKWIN2	.0029456	.0001913	15.39	0.001	.0023367	.0035546
T_IEYRKWIN3	.0160247	.0003276	48.92	0.000	.0149821	.0170672
T_IEYRKWIN4	.0057702	.0006003	9.61	0.002	.0038598	.0076807
T_IEYRKWIN5	.000524	.0004674	1.12	0.344	-.0009635	.0020115
_cons	.0183242	.0060091	3.05	0.055	-.0007994	.0374477

```

19 .
20 . * Model 112
21 . regress UMN_reason_R T_YEAR T_IS T_ISYR PER_INCOME T_ISIN3 T_YRIN3 ///
> AGE_R Sex Marital_R Chronic_illness Limitation_health_R URB2 URB3 BAC2 BAC3 BAC4 GHE1 GHE2 ///
> T_ISYRIN3, vce(cluster ROBUST)

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```

Linear regression              Number of obs      =           18,841
                               F(2, 3)              =           .
                               Prob > F              =           .
                               R-squared              =           0.0313
                               Root MSE          =           .14789

```

(Std. Err. adjusted for 4 clusters in ROBUST)

UMN_reason_R	Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]	
T_YEAR	-.0122208	.0016633	-7.35	0.005	-.0175141	-.0069275
T_IS	-.0048895	.0005469	-8.94	0.003	-.00663	-.003149
T_ISYR	.0524326	.0019282	27.19	0.000	.0462963	.058569
PER_INCOME	-.0001436	.0000312	-4.60	0.019	-.000243	-.0000441
T_ISIN3	-.0000586	.0000137	-4.29	0.023	-.0001021	-.0000151
T_YRIN3	.0000836	6.22e-06	13.43	0.001	.0000638	.0001034
AGE_R	-.0003603	.0001895	-1.90	0.153	-.0009635	.0002428
Sex	.0019445	.0023791	0.82	0.474	-.0056268	.0095157
Marital_R	.0030197	.0023041	1.31	0.281	-.004313	.0103524
Chronic_illness	.0104337	.0022569	4.62	0.019	.0032512	.0176162
Limitation_health_R	.0195995	.0078275	2.50	0.087	-.0053111	.0445101
URB2	-.0007126	.0033072	-0.22	0.843	-.0112376	.0098124
URB3	-.0037495	.0041708	-0.90	0.435	-.0170227	.0095237
BAC2	.0375291	.0118687	3.16	0.051	-.0002422	.0753005
BAC3	-.011288	.0119522	-0.94	0.415	-.0493253	.0267494
BAC4	-.0005884	.0092031	-0.06	0.953	-.0298767	.0286999
GHE1	.0183847	.0037407	4.91	0.016	.0064802	.0302892
GHE2	.0558843	.017643	3.17	0.051	-.0002635	.1120321
T_ISYRIN3	-.0004244	8.14e-06	-52.11	0.000	-.0004504	-.0003985
_cons	.0367384	.0129774	2.83	0.066	-.0045617	.0780384

```

22 .
23 . * Model 113
24 . regress UMN_reason_R T_YEAR T_IE T_IEYR PER_INCOME T_IEIN3 T_YRIN3 ///
> AGE_R Sex Marital_R Chronic_illness Limitation_health_R URB2 URB3 BAC2 BAC3 BAC4 GHE1 GHE2 ///
> T_IEYRIN3, vce(cluster ROBUST)

```

Linear regression

Number of obs	=	49,507
F(2, 3)	=	.
Prob > F	=	.
R-squared	=	0.0154
Root MSE	=	.14259

(Std. Err. adjusted for 4 clusters in ROBUST)

UMN_reason_R	Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]	
T_YEAR	.0058914	.0006073	9.70	0.002	.0039586	.0078242
T_IE	.0142492	.0021238	6.71	0.007	.0074902	.0210081
T_IEYR	.0135464	.0010938	12.38	0.001	.0100655	.0170273
PER_INCOME	-.0000126	.0000205	-0.61	0.582	-.0000777	.0000525
T_IEIN3	-.0001133	.0000146	-7.76	0.004	-.0001598	-.0000668
T_YRIN3	.0000706	7.25e-06	9.75	0.002	.0000476	.0000937
AGE_R	-.0001549	.0000591	-2.62	0.079	-.0003431	.0000333
Sex	-.0050693	.0017686	-2.87	0.064	-.0106976	.000559
Marital_R	-.001331	.0036534	-0.36	0.740	-.0129579	.0102959
Chronic_illness	.0091048	.0026629	3.42	0.042	.0006302	.0175794
Limitation_health_R	.0100428	.0022638	4.44	0.021	.0028385	.0172471
URB2	-.0012567	.0013452	-0.93	0.419	-.0055377	.0030243
URB3	-.0048237	.0030754	-1.57	0.215	-.0146111	.0049637
BAC2	.0039959	.0072896	0.55	0.622	-.019203	.0271947
BAC3	-.0147398	.0055734	-2.64	0.077	-.0324769	.0029973
BAC4	-.0104565	.0046915	-2.23	0.112	-.0253869	.0044739
GHE1	.0140046	.0060049	2.33	0.102	-.0051057	.033115
GHE2	.035078	.0082408	4.26	0.024	.0088522	.0613039
T_IEYRIN3	-.0000431	.0000127	-3.40	0.042	-.0000834	-2.76e-06
_cons	.0188691	.0061525	3.07	0.055	-.000711	.0384491

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25 .
26 . log close
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    log type: smcl
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