User: KP test Project: Ae

1 . ivregress 2sls LTITA\_1 Amihud LTFCF\_1 LTLeverage LTRevenue LTCash (TQ = TQ\_diff\_1 TQ\_diff\_2), vce(cluster Firml

(Std. Err. adjusted for 319 clusters in FirmID)

LTITA_1	Coef.	Robust Std. Err.	z	P> z	[95% Conf.	Interval]
TQ Amihud LTFCF_1 LTLeverage LTRevenue LTCash cons	.0198666 0373058 -3.387642 984943 1.650444 -2.130074 -3.937231	.0075679 .0212797 .4212324 .3319584 .3162481 .6929247 .2669577	2.63 -1.75 -8.04 -2.97 5.22 -3.07	0.009 0.080 0.000 0.003 0.000 0.002 0.000	.00503390790133 -4.213242 -1.63557 1.030609 -3.488181 -4.460459	.0346994 .0044016 -2.562041 3343164 2.270279 7719661 -3.414004

Instrumented: TQ

Instruments: Amihud LTFCF\_1 LTLeverage LTRevenue LTCash TQ\_diff\_1

「Q\_diff\_2

2 . underid , kp

Underidentification test: Kleibergen-Paap robust LIML-based (LM version)
 Test statistic robust to heteroskedasticity and clustering on FirmID
j= 7.00 Chi-sq( 2) p-value=0.0303

3 . ivregress 2sls LTITA\_2 Amihud LTFCF\_2 LTLeverage LTRevenue LTCash (TQ = TQ\_diff\_
> 1 TQ\_diff\_2), vce(cluster FirmID)

Instrumental variables (2SLS) regression Number of obs = 3,509 Wald chi2(6) = 160.77 Prob > chi2 = 0.0000 R-squared = 0.1667 Root MSE = 1.4041

(Std. Err. adjusted for 319 clusters in FirmID)

LTITA_2	Coef.	Robust Std. Err.	z	P> z	[95% Conf.	Interval]
TQ Amihud LTFCF_2 LTLeverage LTRevenue LTCash cons	.02110850442981 -2.9036449919601 1.754831 -2.539108 -3.926432	.0103225 .0182977 .3673733 .3627959 .3264839 .7607792 .284528	2.04 -2.42 -7.90 -2.73 5.37 -3.34 -13.80	0.041 0.015 0.000 0.006 0.000 0.001	.00087680801608 -3.623683 -1.703027 1.114934 -4.030208 -4.484096	.0413402 0084353 -2.183606 2808932 2.394727 -1.048008 -3.368767

Instrumented: TQ

Instruments: Amihud LTFCF\_2 LTLeverage LTRevenue LTCash TQ\_diff\_1

TQ\_diff\_2

## 4 . underid , kp

Underidentification test: Kleibergen-Paap robust LIML-based (LM version)
 Test statistic robust to heteroskedasticity and clustering on FirmID
j= 6.58 Chi-sq( 2) p-value=0.0373

5 . ivregress 2sls LTITA\_1 Turnover LTFCF\_1 LTLeverage LTRevenue LTCash (TQ = TQ\_dif
> f\_1 TQ\_diff\_2), vce(cluster FirmID)

(Std. Err. adjusted for 319 clusters in FirmID)

LTITA_1	Coef.	Robust Std. Err.	Z	P> z	[95% Conf.	Interval]
TQ Turnover LTFCF_1 LTLeverage LTRevenue LTCash _cons	.0199197 7.669197 -3.37852 -1.039091 1.667696 -2.124213 -3.956041	.0074466 9.112309 .4198779 .3320484 .3176438 .6903461 .2674455	2.67 0.84 -8.05 -3.13 5.25 -3.08 -14.79	0.007 0.400 0.000 0.002 0.000 0.002	.0053246 -10.1906 -4.201466 -1.689894 1.045126 -3.477267 -4.480224	.0345148 25.52899 -2.555574 3882886 2.290267 7711599 -3.431857

Instrumented: TQ

Instruments: Turnover LTFCF\_1 LTLeverage LTRevenue LTCash TQ\_diff\_1

TQ\_diff\_2

#### 6 . underid , kp

Underidentification test: Kleibergen-Paap robust LIML-based (LM version)
 Test statistic robust to heteroskedasticity and clustering on FirmID
j= 6.93 Chi-sq( 2) p-value=0.0312

7 . ivregress 2sls LTITA\_2 Turnover LTFCF\_2 LTLeverage LTRevenue LTCash (TQ = TQ\_dif
> f\_1 TQ\_diff\_2), vce(cluster FirmID)

Instrumental variables (2SLS) regression Number of obs = 3,509 Wald chi2(6) = 147.15 Prob > chi2 = 0.0000 R-squared = 0.1646 Root MSE = 1.4059

(Std. Err. adjusted for 319 clusters in FirmID)

LTITA_2	Coef.	Robust Std. Err.	Z	P> z	[95% Conf.	Interval]
TQ	.0210395	.0101867	2.07	0.039	.0010739	.0410051
Turnover	4.459822	9.977826	0.45	0.655	-15.09636	24.016
LTFCF_2	-2.899768	.3671704	-7.90	0.000	-3.619409	-2.180127
LTLeverage	-1.059638	.3624358	-2.92	0.003	-1.769999	3492767
LTRevenue	1.772602	.3278966	5.41	0.000	1.129937	2.415268
LTCash	-2.54079	.757501	-3.35	0.001	-4.025464	-1.056115
cons	-3.932355	.2833947	-13.88	0.000	-4.487798	-3.376911

Instrumented: TQ

Instruments: Turnover LTFCF\_2 LTLeverage LTRevenue LTCash TQ\_diff\_1

TQ\_diff\_2

# 8 . underid , kp

Underidentification test: Kleibergen-Paap robust LIML-based (LM version)
Test statistic robust to heteroskedasticity and clustering on FirmID
j= 6.55 Chi-sq( 2) p-value=0.0378

9 . ivregress 2sls LTITA\_1 Amihud AmihudXHigh\_FLR LTFCF\_1 LTLeverage LTRevenue LTCas > h (TQ = TQ\_diff\_1 TQ\_diff\_2), vce(cluster FirmID)

(Std. Err. adjusted for 319 clusters in FirmID)

		Robust				
LTITA_1	Coef.	Std. Err.	z	P> z	[95% Conf.	. Interval]
TQ	.0198592	.0075658	2.62	0.009	.0050305	.034688
Amihud	038646	.0188789	-2.05	0.041	0756481	001644
AmihudXHigh_FLR	.0068262	.0557405	0.12	0.903	1024231	.1160755
LTFCF_1	-3.387373	.4209662	-8.05	0.000	-4.212452	-2.562294
LTLeverage	9853237	.3319895	-2.97	0.003	-1.636011	3346361
LTRevenue	1.650963	.3161821	5.22	0.000	1.031257	2.270668
LTCash	-2.129813	.6928695	-3.07	0.002	-3.487813	7718139
_cons	-3.937503	.2669197	-14.75	0.000	-4.460656	-3.41435

Instrumented: TQ

Instruments: Amihud AmihudXHigh\_FLR LTFCF\_1 LTLeverage LTRevenue LTCash

TQ\_diff\_1 TQ\_diff\_2

## 10 . underid , kp

Underidentification test: Kleibergen-Paap robust LIML-based (LM version)
 Test statistic robust to heteroskedasticity and clustering on FirmID
j= 7.01 Chi-sq( 2) p-value=0.0301

11 . ivregress 2sls LTITA\_2 Amihud AmihudXHigh\_FLR LTFCF\_2 LTLeverage LTRevenue LTCas
> h (TQ = TQ\_diff\_1 TQ\_diff\_2), vce(cluster FirmID)

(Std. Err. adjusted for 319 clusters in FirmID)

LTITA_2	Coef.	Robust Std. Err.	Z	P> z	[95% Conf.	Interval]
TQ	.021126	.0103383	2.04	0.041	.0008633	.0413888
Amihud	0416045	.0171613	-2.42	0.015	07524	007969
AmihudXHigh_FLR	0142026	.0523993	-0.27	0.786	1169034	.0884982
LTFCF_2	-2.903674	.3673928	-7.90	0.000	-3.623751	-2.183597
LTLeverage	9918422	.3626968	-2.73	0.006	-1.702715	2809695
LTRevenue	1.753927	.326379	5.37	0.000	1.114236	2.393618
LTCash	-2.53976	.7606147	-3.34	0.001	-4.030538	-1.048983
_cons	-3.925794	.2843824	-13.80	0.000	-4.483174	-3.368415

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Instrumented: TQ

Instruments: Amihud AmihudXHigh FLR LTFCF 2 LTLeverage LTRevenue LTCash

TQ\_diff\_1 TQ\_diff\_2

12 . underid , kp

Underidentification test: Kleibergen-Paap robust LIML-based (LM version)
 Test statistic robust to heteroskedasticity and clustering on FirmID
j= 6.58 Chi-sq( 2) p-value=0.0372

Instrumental variables (2SLS) regression

Number of obs = 3,828
Wald chi2(7) = 165.36
Prob > chi2 = 0.0000
R-squared = 0.1665
Root MSE = 1.3313

(Std. Err. adjusted for 319 clusters in FirmID)

Root MSE

1.4058

LTITA_1	Coef.	Robust Std. Err.	z	P>   z	[95% Conf	. Interval]
TQ	.0200587	.0078026	2.57	0.010	.0047659	.0353516
Turnover	-3.253338	9.554957	-0.34	0.733	-21.98071	15.47403
TurnoverXHig~LR	30.31375	10.42613	2.91	0.004	9.878914	50.74859
LTFCF 1	-3.3738	.4192628	-8.05	0.000	-4.19554	-2.55206
LTLeverage	-1.143873	.3340869	-3.42	0.001	-1.798671	4890744
LTRevenue	1.687984	.3183644	5.30	0.000	1.064001	2.311966
LTCash	-2.146725	.6900851	-3.11	0.002	-3.499267	7941825
_cons	-3.928089	.2666388	-14.73	0.000	-4.450691	-3.405487

Instrumented: TQ

Instruments: Turnover TurnoverXHigh\_FLR LTFCF\_1 LTLeverage LTRevenue LTCash

TQ\_diff\_1 TQ\_diff\_2

14 . underid , kp

Underidentification test: Kleibergen-Paap robust LIML-based (LM version)
 Test statistic robust to heteroskedasticity and clustering on FirmID
j= 6.84 Chi-sq( 2) p-value=0.0327

Instrumental variables (2SLS) regression Number of obs = 3,509 Wald chi2(7) = 146.67 Prob > chi2 = 0.0000 R-squared = 0.1647

(Std. Err. adjusted for 319 clusters in FirmID)

LTITA_2	Coef.	Robust Std. Err.	z	P> z	[95% Conf	. Interval]
TQ	.0210602	.0102778	2.05	0.040	.000916	.0412044
Turnover	1.371086	11.08124	0.12	0.902	-20.34775	23.08992
TurnoverXHig~LR	8.437188	12.09594	0.70	0.485	-15.27043	32.1448
LTFCF_2	-2.906481	.3679019	-7.90	0.000	-3.627556	-2.185407
LTLeverage	-1.090964	.365887	-2.98	0.003	-1.80809	373839
LTRevenue	1.778327	.3288954	5.41	0.000	1.133704	2.42295
LTCash	-2.546958	.7571535	-3.36	0.001	-4.030951	-1.062964
_cons	-3.923645	.2824579	-13.89	0.000	-4.477253	-3.370038

Instrumented: TQ

Instruments: Turnover TurnoverXHigh\_FLR LTFCF\_2 LTLeverage LTRevenue LTCash

TQ\_diff\_1 TQ\_diff\_2

## 16 . underid , kp

Underidentification test: Kleibergen-Paap robust LIML-based (LM version)
 Test statistic robust to heteroskedasticity and clustering on FirmID
j= 6.47 Chi-sq( 2) p-value=0.0393

17 . ivregress 2sls LTITA\_1 Amihud AmihudXHigh\_PR LTFCF\_1 LTLeverage LTRevenue LTCash
> (TQ = TQ\_diff\_1 TQ\_diff\_2), vce(cluster FirmID)

(Std. Err. adjusted for 319 clusters in FirmID)

LTITA_1	Coef.	Robust Std. Err.	z	P> z	[95% Conf.	Interval]
TQ	.0199233	.0076188	2.62	0.009	.0049906	.034856
Amihud	0369481	.0214804	-1.72	0.085	079049	.0051528
AmihudXHigh PR	0937425	.0886256	-1.06	0.290	2674454	.0799604
LTFCF 1	-3.389808	.4216485	-8.04	0.000	-4.216224	-2.563392
LTLeverage	9853129	.3318765	-2.97	0.003	-1.635779	334847
LTRevenue	1.65117	.3165131	5.22	0.000	1.030816	2.271524
LTCash	-2.129591	.6931055	-3.07	0.002	-3.488052	7711289
_cons	-3.937367	.2669922	-14.75	0.000	-4.460662	-3.414072

Instrumented: TQ

Instruments: Amihud AmihudXHigh\_PR LTFCF\_1 LTLeverage LTRevenue LTCash

TQ\_diff\_1 TQ\_diff\_2

## 18 . underid , kp

Underidentification test: Kleibergen-Paap robust LIML-based (LM version)
 Test statistic robust to heteroskedasticity and clustering on FirmID
j= 6.97 Chi-sq( 2) p-value=0.0306

19 . ivregress 2sls LTITA\_2 Amihud AmihudXHigh\_PR LTFCF\_2 LTLeverage LTRevenue LTCash
> (TQ = TQ\_diff\_1 TQ\_diff\_2), vce(cluster FirmID)

(Std. Err. adjusted for 319 clusters in FirmID)

LTITA_2	Coef.	Robust Std. Err.	Z	P> z	[95% Conf.	Interval]
TQ	.0210923	.0103001	2.05	0.041	.0009046	.0412801
Amihud	0443737	.0180436	-2.46	0.014	0797384	009009
AmihudXHigh_PR	.0195506	.1167432	0.17	0.867	2092619	.248363
LTFCF_2	-2.903795	.3674854	-7.90	0.000	-3.624053	-2.183537
LTLeverage	9919076	.3627446	-2.73	0.006	-1.702874	2809412
LTRevenue	1.754714	.3266072	5.37	0.000	1.114576	2.394853
LTCash	-2.539154	.7607936	-3.34	0.001	-4.030282	-1.048026
_cons	-3.926402	.2845627	-13.80	0.000	-4.484134	-3.368669

Instrumented: TQ

Instruments: Amihud AmihudXHigh PR LTFCF 2 LTLeverage LTRevenue LTCash

TQ\_diff\_1 TQ\_diff\_2

# 20 . underid , kp

Underidentification test: Kleibergen-Paap robust LIML-based (LM version)
 Test statistic robust to heteroskedasticity and clustering on FirmID
j= 6.54 Chi-sq( 2) p-value=0.0380

(Std. Err. adjusted for 319 clusters in FirmID)

LTITA_1	Coef.	Robust Std. Err.	z	P> z	[95% Conf.	. Interval]
TQ	.0199272	.0074361	2.68	0.007	.0053528	.0345017
Turnover	6.96729	9.301251	0.75	0.454	-11.26283	25.19741
TurnoverXHig~PR	3.781535	13.29423	0.28	0.776	-22.27467	29.83774
LTFCF_1	-3.380938	.4200266	-8.05	0.000	-4.204175	-2.557701
LTLeverage	-1.036791	.3324156	-3.12	0.002	-1.688313	3852682
LTRevenue	1.667882	.3177482	5.25	0.000	1.045107	2.290657
LTCash	-2.125263	.6906246	-3.08	0.002	-3.478863	7716642
_cons	-3.957161	.2679248	-14.77	0.000	-4.482284	-3.432038

Instrumented: TQ

Instruments: Turnover TurnoverXHigh\_PR LTFCF\_1 LTLeverage LTRevenue LTCash  $TQ\_diff\_1$   $TQ\_diff\_2$ 

#### 22 . underid , kp

Underidentification test: Kleibergen-Paap robust LIML-based (LM version)
 Test statistic robust to heteroskedasticity and clustering on FirmID
j= 6.98 Chi-sq( 2) p-value=0.0305

23 . ivregress 2sls LTITA\_2 Turnover TurnoverXHigh\_PR LTFCF\_2 LTLeverage LTRevenue LT
> Cash (TQ = TQ\_diff\_1 TQ\_diff\_2), vce(cluster FirmID)

(Std. Err. adjusted for 319 clusters in FirmID)

		Robust				
LTITA_2	Coef.	Std. Err.	z	P> z	[95% Conf.	. Interval]
TQ	.021043	.0101906	2.06	0.039	.0010698	.0410161
Turnover	4.499245	10.19323	0.44	0.659	-15.47912	24.47761
TurnoverXHig~PR	2289845	14.19229	-0.02	0.987	-28.04537	27.5874
LTFCF_2	-2.899727	.3669953	-7.90	0.000	-3.619024	-2.180429
LTLeverage	-1.059762	.3624246	-2.92	0.003	-1.770101	3494227
LTRevenue	1.772589	.3279494	5.41	0.000	1.12982	2.415358
LTCash	-2.540714	.7577096	-3.35	0.001	-4.025797	-1.05563
_cons	-3.932291	.2838483	-13.85	0.000	-4.488624	-3.375959

Instrumented: TQ

Instruments: Turnover TurnoverXHigh\_PR LTFCF\_2 LTLeverage LTRevenue LTCash

TQ\_diff\_1 TQ\_diff\_2

### 24 . underid , kp

Underidentification test: Kleibergen-Paap robust LIML-based (LM version)
 Test statistic robust to heteroskedasticity and clustering on FirmID
j= 6.59 Chi-sq( 2) p-value=0.0371

25 . ivregress 2sls LTITA\_1 Amihud AmihudXHigh\_KZ LTFCF\_1 LTLeverage LTRevenue LTCash
> (TQ = TQ\_diff\_1 TQ\_diff\_2), vce(cluster FirmID)

(Std. Err. adjusted for 319 clusters in FirmID)

LTITA_1	Coef.	Robust Std. Err.	Z	P> z	[95% Conf.	. Interval]
TO	.0195221	.0072751	2.68	0.007	.0052633	.033781
Amihud	0381946	.0205271	-1.86	0.063	078427	.0020378
AmihudXHigh KZ	.1511992	.0458105	3.30	0.001	.0614123	.2409861
LTFCF 1	-3.383639	.4215924	-8.03	0.000	-4.209944	-2.557333
LTLeverage	9889037	.332647	-2.97	0.003	-1.64088	3369275
LTRevenue	1.648999	.3162651	5.21	0.000	1.029131	2.268867
LTCash	-2.125978	.6928386	-3.07	0.002	-3.483917	7680392

\_cons -3.935368 .2671581 -14.73 0.000 -4.458988 -3.411747

Instrumented: TQ

Amihud AmihudXHigh\_KZ LTFCF\_1 LTLeverage LTRevenue LTCash Instruments:

TQ diff 1 TQ diff 2

26 . underid , kp

Underidentification test: Kleibergen-Paap robust LIML-based (LM version) Test statistic robust to heteroskedasticity and clustering on FirmID **7.25** Chi-sq( **2**) p-value=**0.0267** 

27 . ivregress 2sls LTITA\_2 Amihud AmihudXHigh\_KZ LTFCF\_2 LTLeverage LTRevenue LTCash > (TQ = TQ\_diff\_1 TQ\_diff\_2), vce(cluster FirmID)

Instrumental variables (2SLS) regression Number of obs 3,509

Wald chi2(7) 520.04 Prob > chi2 0.0000 0.1669 R-squared Root MSE 1.404

(Std. Err. adjusted for 319 clusters in FirmID)

		Robust				
LTITA_2	Coef.	Std. Err.	z	P> z	[95% Conf	. Interval]
TQ	.0206556	.0098932	2.09	0.037	.0012653	.0400459
Amihud	0455135	.0174379	-2.61	0.009	0796912	0113359
AmihudXHigh_KZ	.204816	.0443798	4.62	0.000	.117833	.2917989
LTFCF_2	-2.88931	.3684188	-7.84	0.000	-3.611398	-2.167223
LTLeverage	9972899	.3634866	-2.74	0.006	-1.709711	2848693
LTRevenue	1.752347	.3265157	5.37	0.000	1.112388	2.392306
LTCash	-2.53469	.7602834	-3.33	0.001	-4.024818	-1.044562
_cons	-3.923811	.2847541	-13.78	0.000	-4.481919	-3.365703

Instrumented: TQ

Instruments: Amihud AmihudXHigh\_KZ LTFCF\_2 LTLeverage LTRevenue LTCash

TQ\_diff\_1 TQ\_diff\_2

Instrumental variables (2SLS) regression

28 . underid , kp

Underidentification test: Kleibergen-Paap robust LIML-based (LM version) Test statistic robust to heteroskedasticity and clustering on FirmID **6.93** Chi-sq( **2**) p-value=**0.0312** 

29 . ivregress 2sls LTITA 1 Turnover TurnoverXHigh KZ LTFCF 1 LTLeverage LTRevenue LT > Cash (TQ = TQ diff 1 TQ diff 2), vce(cluster FirmID)

Number of obs 3,828 = Wald chi2(7) 165.43 = Prob > chi2 0.0000 R-squared 0.1646 Root MSE 1.3329

(Std. Err. adjusted for 319 clusters in FirmID)

LTITA_1	Coef.	Robust Std. Err.	z	P> z	[95% Conf	. Interval]
TQ	.0198835	.0074465	2.67	0.008	.0052885	.0344784
Turnover	6.842567	9.75436	0.70	0.483	-12.27563	25.96076
TurnoverXHigh~Z	2.488966	13.41677	0.19	0.853	-23.80743	28.78536
LTFCF_1	-3.377151	.4199012	-8.04	0.000	-4.200142	-2.55416
LTLeverage	-1.039355	.3320092	-3.13	0.002	-1.690081	3886293
LTRevenue	1.667457	.3176063	5.25	0.000	1.04496	2.289954
LTCash	-2.122021	.6907094	-3.07	0.002	-3.475787	7682559
_cons	-3.955496	.2673968	-14.79	0.000	-4.479584	-3.431408

Instrumented: TQ

Instruments: Turnover TurnoverXHigh\_KZ LTFCF\_1 LTLeverage LTRevenue LTCash

TQ\_diff\_1 TQ\_diff\_2

## 30 . underid , kp

Underidentification test: Kleibergen-Paap robust LIML-based (LM version)
 Test statistic robust to heteroskedasticity and clustering on FirmID
j= 6.95 Chi-sq( 2) p-value=0.0310

31 . ivregress 2sls LTITA\_2 Turnover TurnoverXHigh\_KZ LTFCF\_2 LTLeverage LTRevenue LT
> Cash (TQ = TQ\_diff\_1 TQ\_diff\_2), vce(cluster FirmID)

Instrumental variables (2SLS) regression

Number of obs = Wald chi2(7) = Prob > chi2 = Prob > chi2

R-squared = **0.1655** Root MSE = **1.4051** 

3,509

150.56

0.0000

(Std. Err. adjusted for 319 clusters in FirmID)

LTITA_2	Coef.	Robust Std. Err.	z	P> z	[95% Conf	. Interval]
TQ	.0213891	.0103334	2.07	0.038	.001136	.0416422
Turnover	11.71295	11.52511	1.02	0.309	-10.87584	34.30175
TurnoverXHigh~Z	-21.17899	15.18975	-1.39	0.163	-50.95036	8.59238
LTFCF_2	-2.900841	.3665768	-7.91	0.000	-3.619319	-2.182364
LTLeverage	-1.056966	.3626546	-2.91	0.004	-1.767756	346176
LTRevenue	1.772725	.3278759	5.41	0.000	1.1301	2.41535
LTCash	-2.55862	.7579739	-3.38	0.001	-4.044222	-1.073019
_cons	-3.936798	.2832274	-13.90	0.000	-4.491913	-3.381682

Instrumented: TQ

Instruments: Turnover TurnoverXHigh\_KZ LTFCF\_2 LTLeverage LTRevenue LTCash

TQ\_diff\_1 TQ\_diff\_2

## 32 . underid , kp

Underidentification test: Kleibergen-Paap robust LIML-based (LM version)
Test statistic robust to heteroskedasticity and clustering on FirmID
j= 6.57 Chi-sq( 2) p-value=0.0374