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Analytical research in accounting: Theories and empirical predictions

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Typical analytical research	C UNI GRAZ
Equating all decision variables with their rational conjectures $(\hat{m} = m, \hat{q} = q, \hat{\rho} = \rho)$, we establish the following unique equilibrium.	
Theorem 1. There exists a unique rational expectations equilibrium with the following strategies.	
(i) The manager exerts manipulative effort	
$m^* = \frac{\tau(\rho^*) - \omega(\rho^*)}{2\alpha}.$ (7)	
(ii) The enforcer exerts investigative effort	
$q^* = \frac{2\alpha[1 - F(\rho^*)K] + [\pi(\rho^*) - \omega(\rho^*)]}{2\alpha\lambda[1 - F(\rho^*)]K}.$ (8)	
 (iii) If the enforcer uncovers misreporting, the investor always sues. Otherwise the investor sues if y ≤ p[*], where p[*] ∈ (-∞, ∞) is implicitly defined by 	
$\frac{1}{1 + \psi(\rho^*) \frac{f(\rho^*-1)}{f(\rho^*)}} D - c = 0. $ (9)	
Schantl and Wagenhofer (2020)	2



Typical (archival) empirical research

	(1) VD_Indicator2	(2) VD_Indicator3	(3) Sum_VD
Intercept	0.153	0.082	1.001***
	[0.88]	[1.33]	[3.25]
Limit_Discr	0.204***	0.152***	0.429***
	[6.90]	[4.81]	[10.98]
Size	0.293***	0.157***	0.496***
	[6.40]	[3.66]	[8.32]
Return on Assets	0.000	-0.026	-0.015
	[0.00]	-[1.30]	-[0.36]
Leverage	0.042**	0.013	0.066**
	[2.01]	[0.69]	[2.26]
MTB	-0.066**	-0.026	-0.146***
	-[2.57]	-[1.12]	-[4.42]
Special Items	-0.101***	-0.025**	-0.214***
	-[8.28]	-[2.09]	-[13.04]
Loss	-0.009	0.002	-0.019
	-[0.78]	[0.18]	-[1.25]
Standard Deviation of Returns	-0.008	0.010	-0.031
	-[0.35]	[0.46]	-[0.93]
Returns	-0.003	-0.021*	-0.017
	-[0.22]	-[1.68]	-[0.99]
Firm FE	Yes	Yes	Yes
Industry by Year FE	Yes	Yes	Yes
Cluster	Firm	Firm	Firm
Adjusted-R ^e	0.708	0.883	0.550
Observations	18,253	9,812	33,688

















































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Distinguishing between explanations

- These two explanations lead to structurally similar disclosures
- Predictions

	Disclosure cost	Information endowment
Range of disclosures	$[y_1, 1]$ with $y_1 \in (0, 1]$, no disclosure for high k	$[y_1, 1]$ with $y_1 < 0.5$ and decreasing in p
Probability of disclosure	Decreases in k	(1-p)F(D)

























