2005 1 32

26 .2002 1993 1993 2002

risk analysis

.(2001

)

accrual analysis

profitability

basis

2003/7/14 .2004/4/1

accounting measures stock returns .(Wallace et al., 1999) accounting-based earnings significant %10 .(Lev, 1989) .takeholders. -1 -2 -3 -5 (-1

- 142 -

-2

	1970				
American	Stock Exchange Commission	(SEC)			-3
listed					,
	cor	npanies			-4
.(SFAS95	, 1987) 95				-5
International		1977			
Ac	ccounting Standards Committee	(IASC)			
		(7)			
			.(Sharr	ma and Iselin, 2001)	
professi	ional bodies				
				(2001	`
	•			.(2001)
			(Almisher	(Penman, 1996)	
					.and Kish, 2000)
	1000				
	1998				
financial performan	ce				
.()		cash flow	·	
• (,		Cush How		statement
•			balance	sheet	income statement
				•	
.(Henderson and	d Peirson, 2000: 573)		1963	AICPA	
			.(Mosich and		
		•			Larsen, 1983: 933)

...

current and potential (Courtis, 1978) .shareholders (Epstein and Anderson, 1994) .(Dunk, 1995) (Nurnberg and Largay, 1999) investing operating activities financing activities activities (Bernard, 1993) (Revell, 2001) (Almisher and Kish, 2000) (Footnotes) (2000)(Ali and Pope, 1995) .(Clubb, 1995) (1998 .(Clubb, 1995; Vafeas et al., 1998)

.(Charitou and Clubb, 1999)

2005 1 32

(1998)

-1993 (1994-1985)

. 2002 .

database

(adjusted R^2)

(2001)

1998 1993

.1993 2002

.

.2002 1993 .

•

·

%18 130 .

1997-1970

(Ali and

Pope, 1995)
%42 2001-1996 .

···

```
\overline{SMV_{ijt}} = b_{1it} + b_{2it}CFOE_{it} + e_{it}
                                                                     :\overline{SMV}_{ijt}
Share Market Value
                                          i
                                                       j
                                                                    : CFOE_{it}
Cash Flow
                                               to the Owner Equity
                                                                          :e_{it}
                                                                          :b_{it}
                                                                                                        2002
                                                                                                                                1993
                :(<u>SMV</u>)
                                                                          -1
                                                                 (22)
                                                1997
                                                                                                   :(2003
                                                                                       \overline{SMV}_{ijt} = b_{1it} + b_{2it}AROE_{it} + e_{it}
                                                                                                                                                            : \overline{SMV}_{ijt}
                                                                                        Share Market Value
                                                                     :SMV_{ijt}
                                                                                                                                                           :AROE_{it}
                                                                        3 :n
                                                                                                           Accounting Return to the Owner Equity
                                                                          :P_{ij}
                                                                                                                                                       .t
```

.j i $:P_{ij}$.t $:e_{it}$

 \dot{b}_{it}

.t .

2005 1 32

1998 -2 :(AROE) Barth et al. (2001) $OCF_{it} = \gamma_0 + \gamma_1 Eit + \gamma_2 AP_{it} + \gamma_3 INV_{it} + \gamma_4 AR_{it}$ $+ \gamma_5 DEP_{it} + \gamma_6 OTHER_{it}$ $:OCF_{it}$ $:E_{it}$ i .t i AP_{it} $:AROE_{it}$.t) $:INV_{it}$:ni .t AR_{it} AR_{it} .t $:OE_{it}$.t $:DEP_{it}$ -3 :(CFOE) .t :OTHER_{it} $OTHER = E - (OCF + \Delta AR + \Delta INV - \Delta AP - DEP)$: $:H_{01}$:H₀₂ $:CFOE_{it}$:H₀₃ .t :n.t i $: CF_{it}$ $:OE_{it}$.t

SPSS

...

Sig. F Regression analysis 0.02 .() $:H_{02}$ pooled R^2 (2) .regression 0.313 heteroscedasticity 0.313 (CFOE) White's Heteroscedasticity Test ${I\!\!R}^2$ residuals Chi-Square " (2) %10 %5 %1 $\overline{SMV_{ijt}} = 2.2006 + 0.2187 \ CFOE_{it}$ (1) 0.002 0.05 0.01 $:H_{01}$ $:H_{03}$ (1) Pooled regression \mathbb{R}^2 0.202 (3) 0.202 (AROE) (1) (3) $\overline{SMV}_{ijt} = 2.1792 + 0.4128 \ AROE_{it}$ $\overline{SMV_{ijt}} = 2.313 + 0.165 \ AROE_{it} + .465 \ CFOE_{it}$ (0.05)

2005 1 32

. (0.005)

Coefficients
0.023

(3)

(4)

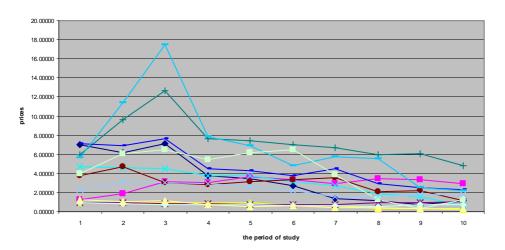
0.56 . 0.45

· :

.1998

(1)

. (1993-2002)



(1)

Regression Statistics				
Multiple R	0.44963			
R square	0.20217			
Observations	26			
ANOVA	df	\mathbf{F}	Sig.F	
Regression	1	6.0816	0.021	
Residual	24			
Total	25			
	Coefficients	T	P-value	
Intercept	2.179273	9.51327	0.000	
AROE	0.412845	2.46610	0.0211	

(2)

Regression Statis	tics			
Multiple R	0.5600			
R square	0.3136			
Observations	26			
ANOVA	df	F	Sig.F	
Regression	1	10.965	0.0029	
Residual	24			
Total	25			
	Coefficients	T	P-value	
Intercept	2.2006	10.83473	0.000	
CFOE	0.2187	3.311408	0.0029	

(3)

.

Regression Statis	stics			
Multiple R	0.604			
R square	0.365			
Observations	26			
ANOVA	df	F	Sig.F	
Regression	1	6.617	0.005	
Residual	24			
Total	25			
	Coefficients	T	P-value	
Intercept	2.313	10.715	0.000	
AROE	0.165	1.368	0.050	
CFOE	0.465	2.431	0.023	

(4) CFOE AROE SMV

SMV	AROE	CFOE
Pearson correlation	0.450*	0.560**
Sig. (2 – tailed)	0.021	0.003
N	26	26

^{*} Correlation is significant at the 0.05 level.

.2 27 2001

28 .2 .2 .53 .2001 .53

4 16 .113 -97 .1 28 .1998

: .25 1 .91-69 1 17 1999

:

^{**} Correlation is significant at the 0.01 level .

. . .

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The Relationship between Accrual-Based Values, Cash Based Values and Stock Prices

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ABSTRACT

This study examines the significance of the rate of return to equity as a ratio of accrual basis and the cash flow to equity as a ratio of cash basis in analysing the financial performance of the industrial public shareholding companies in Jordan. The study also examines the association between the accounting rate of return to equity, the cash flow to equity and the influence on stock market prices. Through this objective, the study aimed at examining whether the accounting rate of return (based on the accrual basis) or the cash flow (based on the cash basis) has more impact on companies stock prices.

The examination covered a sample of 26 Jordanian industrial public shareholding companies that are listed on the Amman Stock Exchange Market for the period 1993-2002. The suggested models have been tested for all companies. This provides the chance to examine the structural behavior among the tested variables. The study concluded that there is a significant relationship between both tested models, and revealed that the cash flow to equity is more related to stock prices in comparison with accounting rate of return to equity.

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