



Introduction (Cont'd) Numerous theoretical and econometric studies have however investigated the relationship between residential price and the economy. Earlier studies of this nature (as seen in table 1) provided evidence on the link between property and the exogenous factors of the economy but have been considerably skewed to developed economies the United kingdom (Brooks and Tsolasco, 1999) and United States (McCue and Kling, 1994; Kling and McCue, 1987 & 1991; DiPasquale and Vyheaton, 1996; Ling and Naranjo, 2003). Where lies such evidence in developing economies? In developing countries, such evidence is limited to India (Joshi, 2006; Vishwakarma and French, 2010).

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Introduction (Cont'd) Table I. Classification of Studies Linking Property with the Economy. S/N Author/Year Study Data type Methodology Significant of Publication Variables area Hoag (1980) USA Regression Property specific variables, Property specific Analysis. national and regional variables, national and regional economic economic factors factors. 2 Hartzell et al. (1987) USA Appraised values from VAR Expected and unexpected real estate fund. inflation. Chan et al. (1990) USA REITs and some pre-3 Regression Risk, unexpected inflation and specified Analysis term structure macroeconomic variables Kling and McCue USA Construction series from VAR Output, nominal interest rates, 4 (1991, 1987)direct real estate assets. money supply and employment. Giussani, et al. (1992) Europe GDP Rental values and Regression macroeconomic Analysis variables. 6 McCue and Kling USA REITs adjusted for stock VAR Nominal interest rates, price, (1994)influences and output and investment. macroeconomic

S/ N	Author/Year of Publication	Study area	Data type	Methodology	Significant Variables
7	Lizieri and Satchell (1997a)	USA	REITs returns and equity returns adjusted for property influences.	VAR	Lagged values of the equity returns.
8	Lizieri and Satchell (1997b)	USA	REITs returns and real interest rates.	VAR	Real interest rates.
9	Ling and Naranjo (1997)	USA	REITs returns and macroeconomic variables.	VAR	Term structure, unexpected inflation, real treasury bill rate and growth in real capit consumption.
10	Brooks and Tsolacos (1999)	UK	REITs adjusting for stock influences and macroeconomic variables	VAR	Unexpected inflation, term structure of interest rate.
11	Ling and Naranjo (2003)	USA	Capital flows in present and past REITs returns and macroeconomic variables	VAR	Present and lagged REITs returns.
12	Joshi (2006)	India	Housing share prices and interest rates and credit.	VAR	Interest rates and credit growth.
13	Vishwakarim and French (2010)	India	REITs and macroeconomic variables.	VAR	Term structure of interest rate.





The Data Table 2: Descriptive Statistics of the Sample Data (1984- 2011).								
Variable Name	Description	Mean	Std. Dev.	Min.	Max.			
RESDRENT	Nominal residential property rents in Nigerian currency (Naira)	53299	61698.53	700	182022			
INFLATN	Inflation rates (%)	22.05	18.22	5.4	72.8			
EXCHAG	Exchange rates of Nigerian currency (Naira) to U\$1	66.45	60.75	0.7649	153.89			
INTEREST	Short term -Interest rates (%)	18.54	4.55	9.25	29.08			
GDP	Gross Domestic Product in real terms (expressed in Millions of Naira)	446974	177712	227255	885273			















Table 4. P	air-wis	e Correla	tions of \	/ariables a	at Zero La
Pairwise con	relations	at zero lag			
	GDP	INFLATN	EXCHAG	INTEREST	RESDRENT
GDP	1				
INFLATN	-0.31	1			
EXCHAG	0.85	-0.38	1		
INTEREST		0.30	-0.02	1	
RESDRENT	0.91	-0.34	0.91	-0.15	1
		• •	•		ngly and p tes fluctua
correlate Nigeria.	ed with	n real GDI	P and exe	change rai	tes fluctua
correlate Nigeria. Secondl	ed with y, there	n real GDI e are neg	P and exe ative but	change rat : weak co	tes fluctua
orrelate Nigeria. Secondl	ed with y, there	n real GDI e are neg	P and exe ative but	change rat : weak co	tes fluctu orrelation
correlate Nigeria. Secondl petween	ed with y, there reside	n <i>real GDI</i> e are neg ential pro	P and exe ative but perty re	change rat weak co nts and si	tes fluctu orrelation hort-tern
correlate Nigeria. Secondl between rates as v	ed with y, there reside well as	n real GDI e are neg	P and exe ative but perty re	change rat weak co nts and si	tes fluctu orrelation hort-term
correlate Nigeria. Secondl petween	ed with y, there reside well as	e are neg ential pro between	P and exe ative but perty re	change rat weak co nts and si tial prope	tes fluctu orrelation hort-tern





Results (Cont'd) Table 7:Variance Decompositions for Residential Property									
	EXCHAG	GDP	INFLATN	INTEREST	RESDREN				
15.19901	0.000000	0.000000	0.000000	0.000000	100.0000				
22.19551	6.951051	18.91081	0.023707	0.001505	74.11293				
				0.200000	71.81102 67.74005				
	Rent FORECAST ERROR VARIANCE (S.E) 15.19901	FORECAST EXCHAG FORECAST EXCHAG ERROR VARIANCE (S.E) 0.000000 22.19551 6.951051 28.63879 9.285895	FORECAST EXCHAG GDP FORECAST EXCHAG GDP ERROR VARIANCE (S.E) 15.19901 0.000000 0.000000 22.19551 6.951051 18.91081 28.63879 9.285895 18.61029	FORECAST EXCHAG GDP INFLATN FORECAST EXCHAG GDP INFLATN ERROR VARIANCE	FORECAST ERROR VARIANCE (S.E) EXCHAG EXCHAG GDP INFLATN INTEREST 15.19901 0.000000 0.000000 0.000000 0.000000 22.19551 6.951051 18.91081 0.023707 0.001505 28.63879 9.285895 18.61029 0.087174 0.205616				









