Table 1. Vertical Analysis of Institutional Theory										
	No. of	Number of		Number of ATE by Type						
Authors (Year)	No. of Theory Elements	NON- ATE	Number of ATE	I	l II	III				
Angst, Block, D'Arcy and Kelley (2017)	11	3	8	8	-	-				
Angst, Wowak, Handley and Kelleyn (2017)	5	5	-	-	-	-				
Bharati and Chaudhury (2012)	11	3	8	8	_	-				
Bharati, Zhang, and Chaudhury (2014)	12	-	12	12	5	-				
Cannon and Woszczynski (2002)	4	1	3	3	3	-				
Chatterjee, Grewal and Sambamurthy (2002)	3	-	3	3	3	-				
Dibbern, Chin and Heinz (2012)	5	2	3	3	-	-				
Furrneaux and Wade (2017)	11	2	9	9	9	-				
Gibbs & Kraemer (2004)	8	-	8	8	8	-				
Hsu, Lee and Straub (2012)	6	2	4	4	-	-				
Hu, Hu, Wei and Hsu (2016)	11	-	11	11	11	-				
Jewer and McKay (2012)	7	4	3	3	-	-				
Laudon and King (1985)	15	1	14	14	14	-				
Lim, Stratopoulos and Wirjanto (2013)	7	1	6	6	6	-				
Lynskey (2004)	11	11	-	-	-	-				
Premkumar, Ramamurthy and Crum (1997)	11	-	11	11	11	-				
Purvis, Sambamurthy and Zmud (2001)	6	1	5	5	-	3				
Reimers (2003)	4	2	2	2	-	-				
Saige, Kohli and Barret (2015)	8	6	2	2	-	-				
Son and Benbasat (2007)	12	-	12	12	12	1				
Swanson and Ramiller (2004)	7	5	2	2	-	-				
Teo, Wei and Benbasat (2003)	9	-	9	9	9					
Tingling and Parent (2002)	3	2	1	1	-	_				
Wang (2010)	6	5	1	1	-					
Wang and Cheung (2004)	7	-	7	7	7	-				

Table 1. Vertical Analysis of Institutional Theory										
	No. of	Number of		Number of ATE by Type						
Authors (Year)	Theory Elements	NON- ATE	Number of ATE	I	Ш	III				
Total	No. of Theory Element s	Number of NON-	Number of ATE							
		ATE		<u> </u>	II	III				
	200	56	144	144	98	4				

References

Angst, C. M., et al. (2017). "When do IT security investments matter? Accounting for the influence of institutional factors in the context of healthcare data breaches." <u>Accounting for the Influence of Institutional Factors in the Context of Healthcare Data Breaches (January 24, 2016).</u> <u>Angst, CM, Block, ES, D'Arcy, J., and Kelley, K</u>: 893-916.

Angst, C. M., et al. (2017). "Antecedents of information systems sourcing strategies in US hospitals: A longitudinal study." MIS quarterly **41**(4): 1129-1152.

Bharati, P. and A. Chaudhury (2012). "Technology assimilation across the value chain: an empirical study of small and medium-sized enterprises." <u>Information Resources Management Journal (IRMJ)</u> **25**(1): 38-60.

Bharati, P., et al. (2014). "Social media assimilation in firms: Investigating the roles of absorptive capacity and institutional pressures." <u>Information Systems Frontiers</u> **16**(2): 257-272.

Cannon, A. R. and A. B. Woszczynski (2002). "Crises and revolutions in information technology: lessons learned from Y2K." <u>Industrial Management & Data Systems</u>.

Chatterjee, D., et al. (2002). "Shaping up for e-commerce: institutional enablers of the organizational assimilation of web technologies." <u>MIS quarterly</u>: 65-89.

Dibbern, J., et al. (2012). "Systemic determinants of the information systems outsourcing decision: A comparative study of German and United States firms."

Furneaux, B. and M. Wade (2017). "Impediments to information systems replacement: a calculus of discontinuance." <u>Journal of management information systems</u> **34**(3): 902-932.

Gibbs, J. L. and K. L. Kraemer (2004). "A cross-country investigation of the determinants of scope of e-commerce use: an institutional approach." <u>Elec</u>tronic markets **14**(2): 124-137.

Hsu, C., et al. (2012). "Institutional influences on information systems security innovations." <u>Information systems research</u> **23**(3-part-2): 918-939.

Hu, P. J.-H., et al. (2016). "Examining firms' green information technology practices: A hierarchical view of key drivers and their effects." <u>Journal of management information systems</u> **33**(4): 1149-1179.

Jewer, J. and K. N. McKay (2012). "Antecedents and consequences of board IT governance: Institutional and strategic choice perspectives." <u>Journal of the Association for Information Systems</u> **13**(7): 1.

Laudon, K. C. (1985). "Environmental and institutional models of system development: a national criminal history system." Communications of the ACM **28**(7): 728-740.

Lim, J.-H., et al. (2013). "Sustainability of a firm's reputation for information technology capability: The role of senior IT executives." <u>Journal of management information systems</u> **30**(1): 57-96.

Lynskey, M. (2004). "Knowledge, finance and human capital: The role of social institutional variables on entrepreneurship in Japan." <u>Industry and Innovation</u> **11**(4): 373-405.

Premkumar, G., et al. (1997). "Determinants of EDI adoption in the transportation industry." European Journal of Information Systems **6**(2): 107-121.

Purvis, R. L., et al. (2001). "The assimilation of knowledge platforms in organizations: An empirical investigation." <u>Organization science</u> **12**(2): 117-135.

Reimers, K. (2003). "Developing Sustainable B2B E-Commerce Scenarios in the Chinese Context: A Research Proposal." <u>Electronic markets</u> **13**(4): 261-270.

Salge, T. O., et al. (2015). "Investing in information systems: On the behavioral and institutional search mechanisms underpinning hospitals' IS investment decisions." <u>MIS quarterly</u> **39**(1): 61-90.

Shneiderman, B., et al. (2010). "Analyzing Trends in Science & Technology Innovation." <u>MIS quarterly</u> **34**(1): 63-85.

Son, J.-Y. and I. Benbasat (2007). "Organizational buyers' adoption and use of B2B electronic marketplaces: efficiency-and legitimacy-oriented perspectives." <u>Journal of management information systems</u> **24**(1): 55-99.

Swanson, E. B. and N. C. Ramiller (2004). "Innovating mindfully with information technology." <u>MIS quarterly</u>: 553-583.

Teo, H.-H., et al. (2003). "Predicting intention to adopt interorganizational linkages: An institutional perspective." MIS quarterly: 19-49.

Tingling, P. and M. Parent (2002). "Mimetic Isomorphism and TechnologyEvaluation: Does Imitation TranscendJudgment?" <u>Journal of the Association for Information Systems</u> **3**(1): 5.

Wang, S. and W. Cheung (2004). "E-business adoption by travel agencies: prime candidates for mobile e-business." <u>International Journal of Electronic Commerce</u> **8**(3): 43-63.