

The Mediating Effect of Internal Environment Threats on the Relationship between Non-Audit Services and Auditor Independence in Lebanon

by

Nour Alzahraa Mohamad Zahr

Thesis

Submitted in Partial Fulfillment of the Requirements for the Degree of

Master in Accounting

Department of Accounting

Faculty of Business Administration



The Mediating Effect of Internal Environment Threats on the

Relationship between Non-Audit Services and Auditor

Independence in Lebanon

by

Nour Alzahraa Mohamad Zahr

Thesis

Submitted in Partial Fulfillment of the Requirements for the Degree of

Master in Accounting

Department of Accounting
Faculty of Business Administration

Supervised by

Prof. Wagdi Hegazy

Professor of Accounting and Auditing
Head of Accounting Department
Faculty of Business Administration
Beirut Arab University

Dr. Mohamed Mandour

Associate Professor of Accounting and Auditing Faculty of Business Administration Beirut Arab University

The Mediating Effect of Internal Environment Threats on the Relationship between Non-Audit Services and Auditor Independence in Lebanon

Abstract

After the scandals that had occurred especially Enron's scandal, the issue of auditor independence has been given much importance and the provision of non-audit services to audit clients has become controversial. Nowadays, the ethical behavior of auditors, which includes preserving independence and objectivity, has become the concern of the different users of audited financial statements, especially when auditors provide non-audit services to their audit clients. Auditor independence is classified into actual and perceived independence. This research investigates the effect of the non-audit services provision to audit clients on perceived auditor independence and the influence of the internal environment threats on this relationship in Lebanon. The internal environment threats studied include the existence of an independent audit committee, the audit client size, the audit client's financial condition, the audit firm's ethical culture, and the audit firm size.

Data were collected through sending questionnaires by emails to the Lebanese professional accountants registered at the Lebanese Association of Certified Public Accountants, who are classified as practicing members, and interpreted through SPSS statistical software. Based on the regression analysis, the results show a significant positive effect of the provision of non-audit services to audit clients on perceived auditor independence, in addition to its significant positive association with the existence of an independent audit committee, and with the audit client size. Moreover, the findings indicate that the existence of an independent audit committee and the audit firm's ethical culture have a significant positive influence on perceived auditor independence. According to the mediation analysis, the existence of an independent audit committee is found to be a mediator between the provision of non-audit services to audit clients and perceived auditor independence.

Table of Contents

1. Research Framework1
1.1 Introduction
1.2 Research Problem
1.3 Research Questions
1.4 Research Objectives6
1.5 Research Significance
1.6 Research Plan
2. Theoretical Background on Auditor Independence, Non-Audit
Services and Environment Threats8
2.1 Introduction8
2.2 Background on Auditor Independence
2.2.1 Definition of Auditor Independence
2.2.2 Actual and Perceived Auditor Independence
2.2.3 Dimensions of Auditor Independence
2.2.4 Auditor Independence: Before and After Sarbanes-Oxley Act
2.3 Background on Non-Audit Services
2.3.1 Definition of Non-Audit Services
2.3.2 Types of Non-Audit Services
2.3.3 Non-Audit Services between Provision and Prohibition
2.3.3.1 International Ethics Standards Board for Accountants' Prohibition
of Non Audit Services

2.3.3.2 Non-Audit Services Prohibited by Securities and Exchange	
Commission	16
2.3.3.3 European Union Audit Legislation and Non-Audit Services	16
2.3.4 The Debates regarding the General Prohibition of Non-Audit Services	18
2.3.4.1 The Debate for General Prohibition	18
2.3.4.2 The Debate Against General Prohibition	18
2.4 Audit Legal Environment in Lebanon	19
2.5 Environment Based Threats	23
2.5.1 Internal Environment Threats	23
2.5.1.1 Audit Client Environment Threats	23
2.5.1.1.1 The Existence of an Independent Audit Committee	24
2.5.1.1.2 Audit Client Size	25
2.5.1.1.3 Audit Client's Financial Condition	25
2.5.1.2 Audit Firm Environment Threats	26
2.5.1.2.1 Internal Organization	26
2.5.1.2.2 Reputation.	26
2.5.1.2.3 Client Portfolio.	27
2.5.1.2.4 Audit Firm Ethical Standards	27
2.5.1.2.5 Audit Firm Culture	28
2.5.1.2.6 Audit Firm Size	29
2.5.1.3 Audit Procedural Environment Threats	29
2.5.2 External Environment Threats	30
2.5.2.1 Socio-Political Environment Threats	30
2.5.2.2 Audit Market Environment	31

2.5.2.3 The Legal and Regulating Environment	31
2.6 Chapter Summary	32
3. Literature Review and Hypotheses Development	36
3.1 Introduction.	36
3.2 Non-Audit Services Effect on Perceived Auditor Independence	37
3.2.1 Studies Reporting Negative Effect of Non-Audit Services on Perceived Auditor Independence	37
3.2.2 Studies Reporting Positive Effect of Non-Audit Services on Perceived Auditor Independence	40
3.2.3 Studies Reporting No Correlation between Non-Audit Services and Perceived Auditor Independence	41
3.3 Internal Environment Threats to Perceived Auditor Independence	42
3.3.1. Audit Client Environment Threats	42
3.3.1.1 The Existence of Independent Audit Committee	42
3.3.1.2 Audit Client Size	46
3.3.1.3 Audit Client's Financial Condition	48
3.3.2. Audit Firm Environment Threats	49
3.3.2.1 The Ethical Culture of the Audit Firm	50
3.3.2.2 Audit Firm Size	53
3.4 Chapter Summary	55
3.5 The Conceptual Model	58

4. Research Methodology	59
4.1 Introduction.	59
4.2 Population Selection and Data Collection	59
4.3 Questionnaire Development	61
4.4 Measurement of Variables	62
4.4.1 Independent Variable: Non-Audit Services Provided to Audit Clients	62
4.4.2 Mediating Variables.	62
4.4.2.1 The Existence of Independent Audit Committee	62
4.4.2.2 Audit Client Size	63
4.4.2.3 Audit Client's Financial Condition	63
4.4.2.4 Audit Firm's Ethical Culture	63
4.4.2.5 Audit Firm Size	64
4.4.3 Dependent Variable (Perceived Auditor Independence)	65
4.4.4 Control Variables	65
4.4.4.1 Gender	65
4.4.4.2 Age	66
4.5 Software Used for Statistical Analysis	67
4.6 Data Analysis Techniques	67
4.6.1 Descriptive Analysis	67
4.6.2 Correlation Analysis.	68
4.6.3 Reliability Analysis	68
4.6.4 Regression Analysis	69
4.6.4.1 Multicollinerity	69

	4.6.4.2 Linearity	69
	4.6.4.3 Homoscedasticity	69
	4.6.4.4 Independence of Observations	70
	4.6.4.5 Normality	70
	4.6.4.6 Regression Models	70
	4.6.5 Mediation Analysis	72
	4.7 Chapter Summary	72
5.	Research Results and Discussion.	75
	5.1 Introduction	75
	5.2 Descriptive Statistics	76
	5.2.1 Descriptive Statistics of Demographic Characteristics	76
	5.2.2 Descriptive Statistics of Independent, Mediating and Dependent	
	Variables	80
	5.3 Correlation Analysis	81
	5.4 Reliability Analysis	83
	5.5 Assumptions of Regression Model Results	83
	5.6 Analysis of Regression Model Results	85
	5.6.1 The Effect of the Provision of Non-Audit Services to Audit Clients	
	on the Perceived Auditor Independence	86
	5.6.2 The Relationship between the Provision of Non-Audit Services	2-
	to Audit Clients and the Existence of Independent Audit Committee	87
	5.6.3 The Effect of the Existence of Independent Audit Committee on the	88
	LEICEIVEU AUUUN INGENEUGENCE	~~

5.6.4 The Relationship between the Provision of Non-Audit Services	
to Audit Clients and the Audit Client Size	88
5.6.5 The Effect of the Audit Client Size on the Perceived Auditor	
Independence	89
5.6.6 The Relationship between the Provision of Non-Audit Services	
to Audit Client and the Audit Client's Financial Condition	89
5.6.7 The Effect of the Audit Client's Financial Condition on the	
Perceived Auditor Independence	90
5.6.8 The Relationship between the Provision of Non-Audit Services	
to Audit Clients and the Audit Firm's Ethical Culture	90
5.6.9 The Effect of the Audit Firm's Ethical Culture on the Perceived	
Auditor Independence	91
5.6.10 The Relationship between the Provision of Non-Audit Services	
to Audit Clients and the Audit Firm Size	91
5.6.11 The Effect of the Audit Firm Size on the Perceived Auditor	
Independence	92
5.6.12 Gender and Perceived Auditor Independence	92
5.6.13 Age and Perceived Auditor Independence	93
5.7 Analysis of the Mediation Models Results	94
5.7.1 The Existence of Independent Audit Committee Mediating	
Non-Audit Services and Perceived Auditor Independence	94
5.7.2 Audit Client Size, Audit Client's Financial Condition, Audit Firm's	
Ethical Culture, and Audit Firm Size Mediating Non-Audit Services	
and Perceived Auditor Independence	
5.8 Chapter Summary	90

6.	Conclusion, Limitations, Recommendations and Further Research103
	6.1 Introduction
	6.2 Summary and Conclusion
	6.3 Research Limitations
	6.4 Research Recommendations
	6.5 Suggested Future Researches
Re	ferences
Аp	pendix: The Research Questionnaire

References

- Abbott, L. and Parker, S. (2000). Auditor selection and audit committee characteristics.
 Auditing: A Journal of Practice and Theory, 19(2), pp. 47-66.
- Abbott, L., Parker, S., Peters, G., and Raghunandan, K. (2003). An empirical investigation of audit fees, nonaudit fees and audit committees. *Contemporary Accounting Research*, 20, pp. 215-234.
- Abdul Wahab, E., Mat Zain, M. and Abdul Rahman, R. (2015). Political connections: a threat to auditor independence? *Journal of Accounting in Emerging Economies*, 5(2), pp. 222-246.
- Abu Bakar, N., Abdul Rahman, A., Abdul Rashid, H. (2005). Factors influencing auditor independence: Malaysian loan officers' perceptions. *Managerial Auditing Journal*, 20(8), pp. 804-822.
- Abu Bakar, N. and Ahmad, M. (2009). Auditor Independence: Malaysian Accountants'
 Perceptions. *International Journal of Business and Management*, 4(12), pp. 129-141.
- Ackert, L., Church, B. and Schneider, A. (2006). Auditor Reputation and Individuals'
 Investment Decisions. Jeffrey, C. (Ed.) Research on Professional Responsibility and Ethics in Accounting, 11, pp. 87-100. Emerald Group Publishing Limited, Bingley.
- Adeyemi, S. and Fagbemi, T. (2011). The Perception of Ethics in Auditing Profession in Nigeria. *Journal of accounting and Taxation*, 5(7), pp. 146-157.
- Adeyemi, S. and Olowookere, J. (2012). Non-audit Services and Auditor Independence-Investors' Perspective in Nigeria. *Business and Management Review*, 2(5), pp.89-97.
- Ahmed, K., Chalmers, K. and Khlif, H. (2013). A meta-analysis of IFRS adoption effects. *The International Journal of Accounting*, 48(3), pp. 173-217.

- Ajzen, I. (1991). The theory of planned behaviour. Organizational Behavior and Human Decision Processes, 50, pp. 179–211.
- Akpom, U., and Dimkpah, Y. (2013). Determinants of auditor independence: a comparison of the perceptions of auditors and non-auditors in Lagos, Nigeria. *Journal of Finance and Accountancy*. Retrieved from http://www.aabri.com/
- Al-Ajmi, J., and Saudagaran, S. (2011). Perceptions of Auditors and Financial-Statement Users Regarding Auditor Independence in Bahrain. *Managerial Auditing Journal*, 26(2), pp. 130-160.
- Albrecht, D. (2010). Audit Fee Competition Threatens Financial Reporting, retrieved from http://profalbrecht.wordpress.com.
- Alfraih, M. (2017). Choosing an External Auditor: Does the Composition of Boards of Directors Matter? *International Journal of Law and Management*, 59(3), pp. 394-412.
- Allen, W. and Siegel, A. (2002). Threats and Safeguards in the Determination of Auditor Independence, Washington University Law Review, 80(2), pp. 519-539.
- Alleyne, P. (2002). Independence of auditors: in the deep end? A Barbadian analysis. *Journal of Eastern Caribbean Studies*, 27(2), pp. 55-79.
- Alleyne, P., Devonish, D., and Alleyne, P. (2006). Perceptions of Auditor Independence in Barbados. *Managerial Auditing Journal*, 21(6), pp. 621-635.
- Almer, E., Higgs, J., and Hooks, K. (2000). An Examination of the Employment Contract of Public Accounting Firm Employees: The Application of Agency Theory to Professionals.
 Working Paper, Portland and State University, Portland.
- Alnawaiseh, M. and Al nawaiseh, M. (2015). The Effects of the Threats on the Auditor's Independence. *International Business Research*, 8(8), pp. 141-149.

- Alves, S. (2013). The impact of audit committee existence and external audit on earnings management: Evidence from Portugal. *Journal of Financial Reporting and Accounting*, 11(2), pp. 143-165.
- Amake, C. and Okafor, C. (2012). Auditors Independence, Auditors' Tenure and Audit Firm
 Size in Nigeria. Research Journal of Finance and Accounting, 3(10), pp. 137-142.
- Antle, R. (1984). Auditor independence. *Journal of Accounting Research*, 1, pp.1–20.
- Antle, R., Griffin, P., Teece, D. and Williamson, O. (1997). An Economic Analysis of Auditor Independence for a Multi-Client, Multi-Service Public Accounting Firm. A report prepared for the American Institute of Certified Public Accountants in connection with the presentation of the white paper "Serving the Public Interest: A New Conceptual Framework for Auditor Independence" (AICPA, 1997) to the Independence Standard Board.
- Antonakis, J. and Dietz, J. (2011). Looking for Validity or Testing it? The Perils of Stepwise Regression, Extreme-Scores Analysis, Heteroscedasticity, and Measurement Error. Personality and Individual Differences, 50(3), pp. 409-415.
- Arens, A., Loebbecke, J., Iskandar, T., Susela, S., Isa, S., & Boh, M. (1999). Auditing in Malaysia: An integrated approach. Kuala Lumpur, Malaysia: Prentice Hall.
- Arrunada (1999). The Economics of Audit Quality: Private Incentives and the Regulation of Audit and Non-Audit Services. Kluwer Academic, Boston.
- Ashbaugh, H., LaFond, R. and Mayhew, B. (2003). Do non-audit services compromise auditor independence? Further evidence. *Accounting Review*, 78(3), pp. 611-639.
- Ashbaugh, H. (2004). Ethical issues related to the provision of audit and non-audit services:
 evidence from academic research. *Journal of Business Ethics*, 52(2), pp. 143-148.
- Audit Committees and Auditor Independence Brochure (7 May 2007). Securities and Exchange
 Commission (SEC). Retrieved from http://sec.gov

- Azis, A., Subroto, B. Rosidi. and Subekti, I. (2016). Professional Commitment, Auditor Independence, and Organizational Ethical Culture: Empirical Evidence from Indonesia.
 International Journal of Management and Administrative Sciences, 3(9), pp. 28-36.
- Ball, R., Robin, A., & Wu, J. S. (2003). Incentives versus Standards: Properties of Accounting Income in Four East Asian Countries. *Journal of Accounting and Economics*, 36(1-3), pp. 235-270.
- Bamber, E. and Iyer, V. (2007). Auditors' Identification with Their Clients and Its Effect on Auditors' Objectivity. Auditing: A Journal of Practice and Theory, 26(2), pp. 1-24.
- Bandura, A. (1977). Social Learning Theory. Prentice-Hall, Englewood Cliffs, NJ.
- Barkess, L. and Simnett, R. (1994). The provision of other services by auditors: Independence and pricing issues. *Accounting and Business Research*, 24, pp. 99-108.
- Baron, R., and Kenny, D. (1986). The Moderator-Mediator Variable Distinction in Social Psychological Research: Conceptual, Strategic, and Statistical Considerations. *Journal of Personality and Social Psychology*, 51(6), pp. 1173-1182.
- Barrainkua, I., and Espinosa-Pike, M. (2018). The Influence of Auditors' Commitment to Independence Enforcement and Firms' Ethical Culture on Auditors' Professional Values and Behaviour. Research on Professional Responsibility and Ethics in Accounting, 21, pp. 17-52.
- Bauer, T. (2015). The Effects of Client Identity Strength and Professional Identity Salience on Auditor Judgments. *The Accounting Review*, 90, pp. 95-114.
- Bazerman, M., Morgan, K. and Loewenstein, G. (1997). The impossibility of auditor independence. *MIT Sloan Management Review*, 38, Summer, pp. 89-94.
- Beasley, M., Carcello, J., Hermanson, D. and Neal, T. (2009). The audit committee oversight process. *Contemporary Accounting Research*, 26, pp. 65-122.

- Beattie, V., Brandt, R. and Fearnley, S. (1999). Perceptions of auditor independence: UK evidence. *Journal of International Accounting, Auditing & Taxation*, 8, pp. 67-107.
- Beattie, V. and Fearnley, S. (2002). Auditor Independence and Non-Audit Services: A
 Literature Review. Institute of Chartered Accountants in England & Wales (ICAEW), London,
 UK.
- Bellante, D., & Green, C. (2004). Relative risk aversion among the elderly. *Review of Financial Economics*, 13, pp. 269–281.
- Bernardi, R., & Arnold, D. (1997). An examination of moral development within public accounting by gender, staff level, and firm. *Contemporary Accounting Research*, 14(4), pp. 653–668.
- Beyer, S. (2002). The Effects of Gender, Dysphoria, and Performance Feedback on the Accuracy of Self-Evaluations. Sex Roles, 47(9), pp. 453–464.
- Bhagat, S. and Jefferis, R. (2002), The Econometrics of Corporate Governance Studies, MIT Press, Cambridge, MA.
- Blay, A. and Geiger, M. (2013). Auditor fees and auditor independence: evidence from going concern reporting decisions. *Contemporary Accounting Research*, 30(2), pp. 579-606.
- Bloomfield, D., and Shackman, J. (2008). Non-audit Service Fees, Auditor Characteristics and Earnings Restatements. *Managerial Auditing Journal*, 23(2), pp. 125-141.
- Bobek, D., Hageman, A., & Radtke, R. (2013). The influence of roles and organizational fit on accounting professionals' perceptions of their firms' ethical environment. *Journal of Business Ethics*, 126, pp. 125–141.
- Bonson-Ponte, E., Escobar-Rodriguez, T. and Borrero-Dominguez, C. (2008). Empirical analysis of delays in the signing of audit reports in Spain. *International Journal of Auditing*, 12(2), pp. 129-140.

- Bonu, N., and Kitindi, E. (2004). Accounting Ethics: A Study of Professional Independence Status of Accounting Firms in Botswana. *Research on Professional Responsibility and Ethics* in Accounting, 9, pp. 129-146.
- Booth, A. (1998). The Indonesian Economy in the Nineteenth and Twentieth Centuries.
 Macmillan Press Ltd, Basingstoke.
- Bradbury, M. (1990). The incentives for voluntary audit committee formation. *Journal of Accounting & Public Policy*, 9, pp. 13-36.
- Briloff, A. (1994). Our profession's 'Jurassic Park'. *The CPA Journal*, 64, August, pp. 26-31.
- Brody, R., Haynes, C. and White, C. (2014). The impact of audit reforms on objectivity during the performance of non-audit services. *Managerial Auditing Journal*, 29(3), pp. 222-236.
- Brown, M., Trevino, L. and Harrison, D. (2005). Ethical leadership: a social learning perspective for construct development and testing. *Organizational Behavior and Human Decision Processes*, 97(2), pp. 117-134.
- Brown, M. and Trevino, L. (2006). Socialized charismatic leadership, values congruence, and deviance in work groups. *Journal of Applied Psychology*, 91(4), pp. 954-962.
- Bryman, A., and Cramer, D. (2002). Quantitative Data Analysis with SPSS Release 8 for Windows: A Guide for Social Sciences. London, Routledge.
- Cameran, M. and Perotti, P. (2014). Audit fees and IAS/IFRS adoption: evidence from the Banking industry. *International Journal of Auditing*, 18(2), pp. 155-169.
- Canning, M. and Gwilliam, D. (1999). Non-audit Services and Auditor Independence: Some
 Evidence from Ireland. *European Accounting Review*, 8(3), pp. 401-419.

- Caramanis, C., & Spathis, C. (2006). Auditee and audit firm characteristics as determinants of audit qualifications, evidence from Athens stock exchange. *Managerial Auditing Journal*, 21(9), pp. 905-920.
- Carcello, J. and Neal, T. (2000). Audit committee composition and auditor reporting. The Accounting Review, 75(4), pp. 453-467.
- Carcello, J., Hermanson, D., Neal, T. and Riley, R. (2002). Board characteristics and audit fees. *Contemporary Accounting Research*, 19(3), pp. 365-384.
- Carcello, J. and Neal, T. (2003). Audit committee characteristics and auditor dismissals following 'New' going-concern reports. *The Accounting Review*, 78, pp. 95-117.
- Carcello, J., Hollingsworth, C., and Neal, T. (2006). Audit Committee Financial Experts: A
 Closer Examination using Firm Destinations. *Accounting Horizons*, 20(4), pp. 351-373.
- Carey, J. and Doherty, W. (1966), Ethical Standards of the Accounting Profession, AICPA,
 New York, NY.
- Carey, P. (2015). External accountants' business advice and SME performance. *Pacific Accounting Review*, 27(2), pp. 166-188.
- Carmichael, D. (1999). A blueprint that builds on the old: in search of concepts of auditor independence. *The Online CPA Journal*, available at: www.nysscpa.org/
- Carnegie, G., & Napier, C. (2010). Traditional accountants and business professionals:
 Portraying the accounting profession after Enron. *Accounting, Organizations and Society*, 35(3), pp. 360–376.
- Chen, K. and Zhou, J. (2007). Audit committee, board characteristics, and auditor switch decision by Andersen's clients. *Contemporary Accounting Research*, 24(4), pp. 1085-1117.

- Chow, C. (1982). The demand for external auditing: size, debt and ownership influences. *The Accounting Review*, 57(2), pp. 272-291.
- Christiansen, L. and Olazabal, A. (2007). Auditor Independence Post Sarbanes-Oxley: The Case for Increased Self-Regulation. *Journal of Legal Studies in Business*, 13, pp. 69-88.
- Chung, H. and Kallapur, S. (2003). Client importance, non-audit services, and abnormal accruals. *Accounting Review*, 78(4), pp. 931-955.
- Clikeman, P., Schwartz, B., & Lathan, M. (2001). The effect of the 150-hour requirement on new accountants' professional commitment, ethical orientation, and professionalism. *Critical Perspectives on Accounting*, 12(5), pp. 627–645.
- Colbert, G., & Murray, D. (1999). State Accountancy Regulations, Audit Firm Size, and Auditor Quality: An Empirical Investigation. *Journal of Regulatory Economics*, 16(3), pp. 267-285.
- Collier, P. and Gregory, A. (1996). Audit committee effectiveness and the audit fees. *European Accounting Review*, 5(2), pp. 177-198.
- Cooper, D., & Neu, D. (2006). Auditor and audit independence in an age of financial scandals.
 Advances in Public Interest Accounting, 12, pp. 1–15.
- Copeland, M. (2015). The Importance of Ethics and Ethical Leadership in the Accounting Profession. Research on Professional Responsibility and Ethics in Accounting, 19, pp. 61-98.
- Coreless, J. and Parker, L. (1987). The impact of MAS on auditor independence: An experiment. *Accounting Horizon*, pp. 707-18.
- Cortina, J. (1993). What is coefficient alpha? An examination of theory and applications.
 Journal of Applied Psychology, 78, pp. 98–104.

- Costa, P., Terracciano, A. and McCrae, R. (2001). Gender Differences in Personality Traits
 Across Cultures: Robust and Surprising Findings. *Journal of Personality and Social Psychology*, 81(2), pp. 322–331.
- Dauod, K. (2020). An Investigation into the Effect of Audit Firm Size, Auditor Tenure, Institutional Ownership, Board Characteristics on Auditor Independence. *International Journal of Management Practice*, 13(4), pp. 462-477.
- Davis, L., Ricchiute, D., and Trompeter, G. (1993). Audit Effort, Audit Fees, and the Provision of Non-Audit Services to Audit Clients. *The Accounting Review*, 68, pp. 135-150.
- DeAngelo, L. (1981). Auditor Size and Audit Quality. *Journal of Accounting and Economics*,
 3, pp: 183-199.
- DeFond, M. and Jiambalvo, J. (1991). Incidence and circumstances of accounting errors. *The Accounting Review*, 66(3), pp. 643-655.
- DeFond, M., Raghunandan, K., & Subramanyam, K. (2002). Do Non-Audit Service Fees Impair Auditor Independence? Evidence from Going Concern Audit Opinions. *Journal of Accounting Research*, 40(4), pp. 1247-1274.
- Deis, D. and Giroux, G. (1992). Determinants of Audit Quality in the Public Sector. *The Accounting Review*, 67(3), pp. 462-479.
- Deshpande, S. (1997). Managers' perception of proper ethical conduct: the effect of sex, age
 and level of education. *Journal of Business Ethics*, 16(1), pp. 79-85.
- Dey, A. (2008). Corporate governance and agency conflicts. *Journal of Accounting Research*, 46(5), pp. 1143-1181.
- DeZoort, F. and Salterio, S. (2001). The effects of corporate governance experience and audit knowledge on audit committee members' judgements. *Auditing: A Journal of Practice & Theory*, 20(2), pp. 31-47.

- Dijk, M. (2000). The Influence of Publication of Financial Statements, Risk of Takeover and Financial Position of the Auditee on Public Auditors' Unethical Behavior. *Journal of Business Ethics*, 28(4), pp. 297-305.
- Dineen, B., Lewicki, R. and Tomlinson, E. (2006). Supervisory guidance and behavioral integrity: relationships with employee citizenship and deviant behavior. *Journal of Applied Psychology*, 91(3), pp. 622-635.
- Dinh, N. and Piot, C. (2014). IFRS adoption in Europe and audit market concentration. SSRN,
 available at: http://ssrn.com
- Dopuch, N. and King, R. (1991). The impact of MAS on auditors' independence: an experimental markets study. *Journal of Accounting Research*, 29, pp. 60-98.
- Douglas, P., Davidson, R. and Schwartz, B. (2001). The effect of organizational culture and ethical orientation on accountants' ethical judgments. *Journal of Business Ethics*, 34(2), pp. 101-121.
- Dykxhoorn, H. and Sinning, K. (1981). Wirtschaftsprufer perception of auditor independence.
 The Accounting Review, 56, pp. 97-107.
- Dykxhoorn, H., and Sinning, K. (1982). Perceptions of Auditor Independence: Its Perceived Effect on Loan and Investment Decisions of German Financial Statement Users. *Accounting, Organizations and Society*, 7(4), pp. 337-347.
- Enofe, A., Mgbame, C., Okpako, P., and Atube, E. (2013). The Impact of Auditor Age on Auditor Independence. *Research Journal of Finance and Accounting*, 4(16), pp. 63-72.
- EU Audit Reform- What You Need to Know (October 2016). Klynveld Peat Marwick Goerdeler (KPMG). Retrieved from http://assets.kpmg
- Fama, E. (1980). Agency Problems and the Theory of the Firm. *Journal of Political Economy*, 88(2), pp. 288-307.

- Fama, E. and Jensen, M. (1983). Separation of Ownership and Control. *Journal of Law and Economics*, 26(2), pp. 301-325.
- Felix, W., Gramling, A., & Maletta, M. (2005). The Influence of Non-Audit Service Revenues and Client Pressure on External Auditors' Decisions to Rely on Internal Audit. *Contemporary Accounting Research*, 22, pp. 31-53.
- Ferrell, O., & Gresham, L. (1985). A contingency framework for understanding ethical decision making in marketing. *Journal of Marketing*, 49(3) (summer), pp. 87–96.
- Finn, D., Chonko, L. and Hunt, S. (1988). Ethical problems in public accounting: the view from the top. *Journal of Business Ethics*, 7(8), pp. 605-615.
- Firth, M. (1980). Perceptions of auditor independence and official ethical guidelines. *The Accounting Review*, pp. 451-66, July.
- Firth, M. (2002). Auditor-Provided Consultancy Services and their Associations with Audit Fees and Audit Opinions. *Journal of Business Finance and Accounting*, 29(5 and 6), pp. 661-693.
- Ford, R. and Richardson, W. (1994). Ethical decision making: a review of the empirical literature. *Journal of Business Ethics*, 13(2), pp. 205-221.
- Francis, J. and Wilson, E. (1988). Auditor changes: a joint test of theories relating to agency costs and auditor differentiation. *The Accounting Review*, 63(4) (October), pp. 663-682.
- Frankel, R., Johnson, M., & Nelson, K. (2002). The Relation between Auditors' Fees for Non-Audit Services and Earnings Quality. *The Accounting Review*, 77, pp. 71-105.
- Fritzsche, D. (1991). A model of decision-making incorporating ethical values. *Journal of Business Ethics*, 10(11), pp. 841-852.

- García-Sánchez, I., Martínez-Ferrero, J. and García-Meca, E. (2017). Gender diversity, financial expertise and its effects on accounting quality. *Management Decision*, 55(2), pp. 347-382.
- Gaynor, L., McDaniel, L., and Neal, T. (2006). The effects of joint provision and disclosure of non-audit services on audit committee members' decisions and investors' preferences. *The Accounting Review*, 81(4), pp. 873-896.
- Gazzaniga, M. and Heatherton, T. (2003). Psychological Science: Mind, Brain, and Behaviour,
 W.W. Norton & Company, New York.
- Gendron, Y. and Suddaby, R. (2004). Professional insecurity and the erosion of accountancy's jurisdictional boundaries. *Canadian Accounting Perspectives*, 3, pp. 85-115.
- Gendron, Y., Suddaby, R., & Lam, H. (2006). An examination of the ethical commitment of professional accountants to auditor independence. *Journal of Business Ethics*, 64(2), pp. 169–193.
- Gerstman, B. (2015). Basic Biostatistics: Statistics for Public Health Practice, Second Edition,
 Jones and Bartlett Learning, Burlington.
- Glaum, M., Schmidt, P., Street, D. and Vogel, S. (2013). Compliance with IFRS 3- and IAS 36-required disclosures across 17 European countries: company and country-level determinants. *Accounting and Business Research*, 43(3), pp. 163-204.
- Goldman, A., & Barlev, B. (1974). The auditor-firm conflict of interests: Its implication for independence. *The Accounting Review*, 49(4) October, pp. 707-718.
- Gomez, E. and Jomo, K. (1997). Malaysia's Political Economy: Politics, Patronage and Profits. Cambridge University Press, Singapore.
- Gray, S. J. (1988). Towards a theory of cultural influence on the development of accounting systems internationally. *ABACUS*, 24(1), pp. 1–15.

- Gul, F. (1989). Bankers' perceptions of factors affecting auditor independence. *Accounting, Auditing & Accountability Journal*, 2(3), pp. 40-51.
- Gul, F. (1991). Size of audit fees and perceptions of auditors' ability to resist management pressure in audit conflict situations. *Abacus*, 27(2) September, pp. 162-172.
- Gul, F., and Tsui, J. (1992). An Empirical Analysis of Hong Kong Bankers' Perceptions of Auditor Ability to Resist Management Pressure in an Audit Conflict Situation. *Journal of International Accounting, Auditing and Taxation*, 1, pp. 177-190.
- Gul, F. (2006). Auditors' Response to Political Connections and Cronyism in Malaysia.
 Journal of Accounting Research, 44(5), pp. 931-963.
- Gul, F., Tsui, J. and Dhaliwal, D. (2006). Non-audit services, auditor quality and the value relevance of earnings. *Accounting & Finance*, 46, pp. 797-817.
- Habib, A., and Islam, A. (2007). Determinants and consequences of non-audit service fees:
 Preliminary evidence from Bangladesh. *Managerial Auditing Journal*, 22(5), pp. 446-469.
- Habib, A. (2013). A meta-analysis of the determinants of modified audit opinion decisions.
 Managerial Auditing Journal, 28(3), pp. 184-216.
- Habib, A. (2015). The new Chinese accounting standards and audit report lag. *International Journal of Auditing*, 19, pp. 1-14.
- Hanlon, G. (1994). The Commercialisation of Accountancy: Flexible Accumulation and the Transformation of the Service Class. St. Martin's Press, London.
- Hardies, K., Breesch, D., Branson, J. (2010). Are Female Auditors Still Women? Analyzing
 the sex differences affecting audit quality. Retrieved from http://ssrn.com
- Hardies, K., Breesch, D., Branson, J. (2016). Do (Fe)Male Auditors Impair Audit Quality?
 Evidence from Going-Concern Opinions. European Accounting Review, 25, pp. 7-34.

- Hardies, K. (2020). Auditor Independence Impairment: Bonding between Clients and Individual Engagement Partners. Spanish Journal of Finance and Accounting, 49(4), pp. 427-451.
- Hay, D., Knechel, R. and Li, V. (2006). Non-audit Services and Auditor Independence: New
 Zealand Evidence. *Journal of Business Finance and Accounting*, 33 (5 and 6), pp. 715-734.
- Hayes, A. (2013). Introduction to Mediation, Moderation, and Conditional Process Analysis:
 A Regression-Based Approach, First Edition. The Guilford Press, New York.
- Healy, P. and Palepu, K. (2003). The Fall of Enron. *Journal of Economic Perspectives*, 17(2), pp. 3-26.
- Ho, R. (2013). Handbook of Univariate and Multivariate Data Analysis with IBM SPSS,
 Second Edition, Chapman and Hall/CRC.
- Hofstede, G. (1980). Culture's consequences: International differences in work-related values.
 London: Sage Publications.
- Hope, O., and Langli., J. (2010). Auditor Independence in a Private Firm and Low Litigation Risk Setting. *The Accounting Review*, 85, pp. 573-605.
- How, J., Verhoeven, P. and Abdul Wahab, E.A. (2014). Institutional investors, political connections and analyst following in Malaysia. *Economic Modelling*, 43, December, pp. 158-167.
- Hulin, H., Netemeyer, R., and Cudeck, R. (2001). Can a Reliability Coefficient Be Too High? *Journal of Consumer Psychology*, 10, pp.55-58.
- Humphrey, C., Moizer, P., & Turley, S. (2006). Independence and competence? A critical questioning of auditing. *Advances in Public Interest Accounting*, 12, pp. 149–167.
- Hunt, S., & Vitell, S. (1986). A general theory of marketing ethics. *Journal of Macro marketing*, 6, pp. 5–16.

- Hunt, S., Wood, V. and Chonko, L. (1989). Corporate ethical values and organizational commitment in marketing. *Journal of Marketing*, 53(3), pp. 79-90.
- ICAN (2009). *Professional Code and Guide to Members*, The Institute of Chartered Accountants of Nigeria (ICAN), Lagos.
- IESBA Roundtable Briefing Notes (May 2018). Non-Assurance Services: Exploring Issues to Determine a Way Forward. International Ethics Standards Board for Accountants (IESBA) Non-Assurance Working Group, Retrieved from http://IFAC.org
- IESBA's Handbook of the International Code of Ethics for Professional Accountants: Including International Independence Standards (2018 Edition), IFAC, New York.
- IFAC (1996), IFAC Handbook, International Federation of Accountants, New York, NY.
- IFAC (2006), Code of Ethics for Professional Accountants, International Federation of Accountants, London.
- IFAC (2017). Lebanese Association of Certified Public Accountants. Retrieved from http://ifac.org on 27 October 2020.
- Independence standard second edition (2009). Certified General Accountants Association of Canada.
- Institute of Chartered Accountants in England and Wales (ICAEW) (2004). Auditing implications of IFRS transition. Available at: www.icaew.com/
- International Auditing and Assurance Standards Board (IAASB). (2014). A framework for audit quality: Key elements that create an environment for audit quality. Retrieved from: https://www.ifac.org/

- Irmawan, Y., Hudaib, M. and Haniffa, R. (2013). Exploring the perceptions of auditor independence in Indonesia. *Journal of Islamic Accounting and Business Research*, 4(2), pp. 173-202.
- Iyer, G. and Reckers, P. (2007). CEO image, NAS and risk assessment. *Managerial Auditing Journal*, 22(9), pp. 895-912.
- James, L., and Brett, J. (1984). Mediators, Moderators, and Tests for Mediation. *Journal of Applied Psychology*, 69(2), pp. 307-321.
- Jenkins, J., Deis, D., Bedard, J. and Curtis, M. (2008). Accounting firm culture and governance: a research synthesis. *Behavioral Research in Accounting*, 20, pp. 45-74.
- Jizi, M., and Nehme, R. (2018). Board monitoring and audit fees: the moderating role of CEO/chair dual roles. *Managerial Auditing Journal*, 33(2), pp. 217-243.
- Johnson, D. and Pany, K. (1984). Forecasts, Auditor Review and Bank Loan Decisions.
 Journal of Accounting Research, 22(2), pp. 731-743.
- Johnson, S., & Mitton, T. (2003). Cronyism and Capital Controls: Evidence from Malaysia.
 Journal of Financial Economics, 67, pp. 351-382.
- Johnstone K., M. Sutton and T. Warfield (2001). Antecedents and Consequences of Independent Risk: Framework for Analysis. *Accounting Horizons*, 15, pp. 1-18.
- Jones, T. (1991). Ethical decision making by individuals in organizations: An issue-contingent model. *Academy of Management Review*, 16(2), pp. 366–395.
- Jonnergard, K., Stafsudd, A., & Elg, U. (2010). Performance evaluations as gender barriers in professional organizations: A study of auditing firms. *Gender, Work and Organization*, 17(6), pp. 721–747.
- Joshi, P., & Wakil, A. (2004). A study of the audit committees' functioning in Bahrain.
 Managerial Auditing Journal, 19(7), pp. 832–858.

- Joshi, P., Bremser, W., Hemalatha, J., and Al-Mudhaki, J. (2007). Non-audit Services and Auditor Independence: Empirical Findings from Bahrain. *International Journal of Accounting,* Auditing, and Performance Evaluation, 4, pp. 57-89.
- Kabir, M., Ainul, D. and Salat, I. (2011). Big 4 auditor affiliation and accruals quality in Bangladesh. *Managerial Auditing Journal*, 26(2), pp. 161-181.
- Kam, V. (1990). *Accounting Theory*. John Wiley and Sons Inc., Hayward.
- Kaptein, M. (1998). Ethics Management: Auditing and Developing the Ethical Content of Organizations. Springer, Dordrecht.
- Kaptein, M. (2011). Understanding unethical behavior by unraveling ethical culture. *Human Relations*, 64(6), pp. 843-869.
- Keith, T. (2014). Multiple Regression and Beyond: An Introduction to Multiple Regression and Structural Equation Modeling, Second Edition, New York, Routledge.
- Key, S. (1999). Organizational ethical culture: real or imagined? *Journal of Business Ethics*,
 20(3), pp. 217-225.
- Kim, J.B., Liu, X. and Zheng, L. (2012). The impact of mandatory adoption on audit fees: theory and evidence. *The Accounting Review*, 87(6), pp. 2061-2094.
- Kleinman, G., Anandarajan, A., Medinets, A. and Palmon, D. (2007). A Theoretical Model of Cognitive Factors that Affect Auditors' Performance and Perceived Independence.
 International Journal of Behavioural Accounting and Finance, 1(3), pp. 239-267.
- Kline, R. (1998). Principles and practices of structural equation modeling. New York, Guilford.
- Knapp, M. (1985). Audit conflict: an empirical study of the perceived ability of auditors to resist management pressure. *The Accounting Review*, 16(2), pp. 202-211.

- Kohlberg, L. (1976). Moral stages and moralization: The cognitive-developmental, in T. Lickona (Ed)., Moral development and behavior: Theory, research, and social issues. Holt, Rinehart and Winston, New York.
- Kornish, L. and Levine, C. (2000). Discipline with Common Agency: The Case of Audit and Non-Audit Services. Available at SSRN.com
- Kouakou, D., Boiral, O. and Gendron, Y. (2013). ISO auditing and the construction of trust in auditor independence. *Accounting, Auditing & Accountability Journal*, 26(8), pp. 1279-1305.
- Krishnan, G. (2003). Audit quality and pricing of discretionary accruals. Auditing: A Journal of Practice & Theory, 22, pp. 109-126.
- Krishnan, H. and Park, D. (2005). A Few Good Women on Top Management Teams. *Journal of Business Research*, 58(12), pp. 1712-1720.
- Krishnan, J. (2005). Audit committee quality and internal control: an empirical analysis. *The Accounting Review*, 80(2), pp. 649-675.
- Krishnan, J., Sami, H., & Zhang, Y. (2005). Does the provision of non-audit services affect investor perceptions of auditor independence? *Auditing: A Journal of Practice and Theory*, 24 (2), pp. 111-135.
- Krishnan, J. and Visvanathan, G. (2009). Do auditors price audit committee's expertise? The case of accounting versus non-accounting financial experts. *Journal of Accounting, Auditing & Finance*, 24, pp. 115-144.
- Lau, P., & Ng, P. (1994). The impact of audit committee and client financial condition on bankers' loan decisions. *Asia-Pacific Journal of Accounting*, 1 (December), pp. 19-28.
- Lavin, D. (1976). Perceptions of the independence of the auditor. *The Accounting Review*, 51 (January), pp. 41-50.

- Law, P. (2008). An Empirical Comparison of Non-Big 4 and Big 4 auditors' perceptions of Auditor Independence. *Managerial Auditing Journal*, 23(9), pp: 917-934.
- Lebanese Association of Certified Public Accountants (LACPA) Code of Ethics (2006).
 Retrieved from http://www.lacpa.org.lb
- Lennox, C. (1999). Audit Quality and Auditor Size: An Evaluation of Reputation and Deep Pockets Hypotheses. *Journal of Business Finance and Accounting*, 26(7&8), pp. 779-805.
- Li, C. (2009). Does Client Importance Affect Auditor Independence at the Office Level?
 Empirical: Evidence from Going-Concern Opinions. *Contemporary Accounting Research*, 26, pp. 201-230.
- Liempd, D., Quick, R., and Warming-Rasmussen, B. (2019). Auditor-provided Non-Audit Services: Post-EU-Regulation Evidence from Denmark. *International Journal of Auditing*, 23, pp. 1-19.
- Lin, Z. and Liu, M. (2009). The impact of corporate governance on auditor choice: evidence from china. *Journal of International Accounting, Auditing and Taxation*, 18, pp. 44-59.
- Lindberg, D. and Beck, F. (2004). Before and After Enron: CPAs' Views on Auditor Independence. *The CPA Journal*, 74(11), pp. 36.
- Littell, R. (1990). Analysis of Repeated Measures Data. Annual Conference on Applied Statistics in Agriculture, pp. 1-12.
- MacKinnon, D., Lockwood, C., & Williams, J. (2004). Confidence limits for the indirect effect: Distribution of the product and resampling methods. *Multivariate Behavioral Research*, 39, pp. 99–128.
- Mackinnon, D., Fairchild, A., and Fritz, M. (2007). Mediation Analysis. *Annual Review of Psychology*, 58, pp. 593-614.

- Maines, L., Ryan, S., Herz, R., Iannaconi, T., Palepu, K., Schrand, C., Skinner, D., and Vincent, L. (2001). SEC Auditor Independent requirements. *Accounting Horizons*, 15(4), pp. 373-386.
- Markelevich, A., Hoitash, R., & Barragato, C. A. (2005). Auditor Fees, Abnormal Fees and Audit Quality Before and After the Sarbanes-Oxley Act. Working Paper, Suffolk University, Electronic copy. Retrieved from http://papers.ssrn.com/
- Marques, I., Major, M., and Da Veiga, M. (2019). Auditor Independence: A Qualitative Study of the Perceptions of Auditors. *International Journal of Accounting and Taxation*, 7, pp. 15-25.
- Martinov-Bennie, N., & Pflugrath, G. (2009). The strength of an accounting firm's ethical environment and the quality of auditors' judgments. *Journal of Business Ethics*, 87(2), pp. 237–253.
- Mautz, R. and Sharaf, H. (1961). The Philosophy of Auditing, American Accounting Association, Sarasota, FL.
- Mayer, D., Kuenzi, M., Greenbaum, R., Bardes, M. and Salvador, R. (2009). How low does ethical leadership flow? Test of a trickle-down model. *Organizational Behavior and Human Decision Processes*, 108, pp. 1-13.
- McDaniel, L., Martin, R. and Maines, L. (2002). Evaluating financial reporting quality: the effects of financial expertise vs financial literacy. *The Accounting Review*, 77, supplement, pp. 139-167.
- McKinley, S., Pany, K. and Reckers, P. (1985). An Examination of the Influence of CPA Firm
 Type, Size and MAS Provision on Loan Officer Decisions and Perceptions. *Journal of Accounting Research*, 23(2), pp. 887-896.
- Menon, K., & Williams, J. (1994). The use of audit committees for monitoring. *Journal of Accounting and Public Policy*, 13(2), pp. 121–139.

- Mills, S. and Bettner, M. (1992). Ritual and conflict in the audit profession. *Critical Perspectives on Accounting*, 3(2), pp. 185-200.
- Ministry of Economy and Trade (2014). Lebanon SME Strategy: A Roadmap to 2020.
 Retrieved from http://www.databank.com.lb/docs
- Mock, T., Srivastava, R. and Turner, J. (2002). A Model for Assessing the Risk of Impaired Auditor Independence. *Australian Accounting Review*, 12(27), pp. 31-38.
- Moore, D. (2006). Sarbox doesn't go far enough. Business Week Online (April 17). Retrieved from http://www.businessweek.com/
- Moore, D., Tetlock, P., Tanlu, L. and Bazerman, M. (2006). Conflicts of interest and the case of auditor independence: moral seduction and strategic issue cycling. *Academy of Management Review*, 31, pp. 10-29.
- More, C. and Berg, S. (2016). The Effect of Non-Audit Services on Auditor Independence: A study on 11 food retail and wholesale companies in the United Kingdom. Master Thesis, Jönköping University.
- Morin, R., & Suarez, A. (1983). Risk aversion revisited. *Journal of Finance*, 38, pp. 1201-1216.
- Morris, J. (2014). The impact of authentic leadership and ethical firm culture on auditor behavior. *Journal of Behavioral Studies in Business*, 7, pp. 1-32.
- Nasution, D. and Östermark, R. (2020). The impact of auditors' awareness of the profession's reputation for independence on auditors' ethical judgement. *Social Responsibility Journal*, 16(8), pp. 1087-1105.
- Nichols, D. and Smith, D. (1983). Auditor credibility and auditor changes. *Journal of Accounting Research*, 21(2) Autumn, pp. 534-544.

- Nor, J., Ahmad, N., and Saleh, N. (2010). Fraudulent financial reporting and company characteristics: tax audit evidence. *Journal of Financial Reporting and Accounting*, 8(2), pp. 128-142.
- O'Fallon, M. and Butterfield, K. (2005). A Review of the Empirical Ethical Decision-Making Literature: 1996–2003. *Journal of Business Ethics*, 59(4), pp. 375–414.
- Osborne, J., and Waters, E. (2002). Four Assumptions of Multiple Regression that Researchers Should Always Test. *Practical Assessment, Research, and Evaluation*, 8(2), pp. 1-5.
- Ostman, F. and Sandberg, P. (2012). Auditor Independence: A Field Study in Pietermaritzburg,
 South Africa from Auditor's Perspective. Master Thesis, University of Gavle.
- Pany, K. and Reckers, P. (1983). Auditor independence and non-audit services: director views and their policy implications. *Journal of Accounting & Public Policy*, 2, pp. 43-62.
- Peterson, D., Rhoads, A. and Vaught, B. (2001). Ethical beliefs of business professionals: a study of gender, age and external factors. *Journal of Business Ethics*, 31(3), pp. 225-232.
- Pierce, B., & Sweeney, B. (2005). Management control in audit firms partners' perspectives.
 Management Accounting Research, 16(3), pp. 340–370.
- Ponemon, L. (1992). Auditor underreporting of time and moral reasoning: an experimental lab study. *Contemporary Accounting Research*, 9, pp. 171-211.
- Pratoomsuwan, T. (2017). Audit prices and Big 4 fee premiums: further evidence from Thailand. *Journal of Accounting in Emerging Economies*, 7, pp. 2-15.
- Public Oversight Board (2000), "Chapter 5 auditor independence", POB Panel on Audit Effectiveness Reports and Recommendations, Public Oversight Board, pp. 109-134, available at: www.pobauditpanel.org/
- Quick, R. and Warming-Rasmussen, B. (2005). The impact of MAS on perceived auditor independence: some evidence from Denmark. *Accounting Forum*, 29, pp.137-168.

- Rahima, L. and Agoes, S. (2014). Influence of auditor independence, audit tenure, and audit fee on audit quality of members of capital market accountant forum in Indonesia. *Procedia-Social and Behavioral Sciences*, 164, pp. 324-331.
- Reichelt, K.J. and Wang, D. (2010). National and office-specific measures of auditor industry expertise and effects on audit quality. *Journal of Accounting Research*, 48(3), pp. 647-686.
- Reynolds, J. and Francis, J. (2001). Does size matter? The influence of large clients on office level auditor reporting decisions. *Journal of Accounting and Economics*, 30(2), pp. 375-400.
- Reynolds, J., Deis Jr., D., & Francis, J. (2004). Professional Service Fees and Auditor objectivity. *Auditing: A Journal of Practice & Theory*, 23, pp. 29-52.
- Richard, C. (2006). Why an Auditor can't be Competent and Independent: A French Case Study, European Accounting Review, 15(2), pp. 153–179.
- Rodriguez-Avila, N. and Monllau-Jaques, T. (2013). The Independence Indicators of the Audit Profession in Spain. *Sociology Mind*, 3, pp. 39-44.
- Rucker, D., Preacher, K., Tormala, Z., and Petty, R. (2011). Mediation Analysis in Social Psychology: Current Practices and New Recommendations. *Social and Personality Psychology Compass*, 5(6), pp. 359-371.
- Rusmanto, T. (2017). The Effects of Clients' Characteristics on Auditor Independence: A
 Perceptual Study. *International Journal of Economics and Financial Issues*, 7(2), pp. 408-414.
- Salehi, M., Mansoury, A. and Pirayesh, R. (2009). Firm size and audit regulation and fraud detection: empirical evidence from Iran. *ABAC Journal*, 29, pp.53–65.
- Salterio, S. (1996). The effects of precedents and client position on auditors' financial accounting policy judgments. Accounting, Organizations, and Society, 21(5), pp. 467-486.

- Salterio, S. and Koonce, L. (1997). The persuasiveness of audit evidence: the case of accounting policy decisions. *Accounting, Organizations, and Society*, 22, pp. 573-587.
- Samaha, K. and Hegazy, M. (2010). An empirical investigation of the use of ISA 520 'analytical procedures' among Big 4 versus non-Big 4 audit firms in Egypt. *Managerial Auditing Journal*, 25(9), pp. 882-911.
- Saunders, M., Lewis, P. and Thornhill, A. (2003). Research Methods for Business Students,
 3rd ed., Pearson, Harlow.
- Sawan, N., Alzeban, A., and Hamuda, K. (2013). Perceptions of Auditing and the Provision of Non-Audit Services: Case Study in Libya. *International Journal of Business and Management*, 8(14), pp. 168-181.
- Sawan, N. and Hamuda, K. (2014). Do Big 4 and the second-tier firms provide audits of similar independence? *Asian Social Science*, 10(6), pp.161–175.
- Schein, E.H. (2004). Organizational Culture and Leadership. Jossey-Bass, San Francisco, CA.
- Schmitt, D., Realo, A., Voracek, M. and Allik, J. (2008). Why Can't a Man Be More Like a
 Woman? Sex Differences in Big Five Personality Traits Across 55 Cultures. *Journal of Personality and Social Psychology*, 94, pp. 168–182.
- Schmitt, N. (1996). Uses and abuses of coefficient alpha. *Psychological Assessment*, 8(4), pp. 350–353.
- Schnatterly, K. (2003). Increasing firm value through detection and prevention of white-collar crime. *Strategic Management Journal*, 24(7), pp. 587-614.
- Schneider, A., Church, B., & Ely, K. (2006). Non-Audit Services and Auditor Independence:
 A Review of the Literature. *Journal of Accounting Literature*, 25, pp. 169-211.
- Schulte, A. (1965). Compatibility of management consulting and auditing. *The Accounting Review*, 40(3) July, pp. 587-593.

- Scott, W. (2003). Increasing the Perception of Auditor Independence Through Non-Audit Service Fees. *Journal of Contemporary Business Issues*.
- Serwinek, P. (1992). Demographic and related differences in ethical views among small businesses. *Journal of Business Ethics*, 11(7), pp. 555-566.
- Shafer, W., Morris, R. and Ketchand, A. (2001). Effects of Personal Values on Auditors'
 Ethical Decisions. Accounting, Auditing & Accountability Journal, 14(3), pp. 254-277.
- Shafer, W. (2009). Ethical climate, organizational-professional conflict and organizational commitment: a study of Chinese auditors. *Accounting, Auditing & Accountability Journal*, 22(7), pp. 1087–1110.
- Shafer, W. and Wang, Z. (2010). Effects of ethical context on conflict and commitment among
 Chinese accountants. *Managerial Auditing Journal*, 25(4), pp. 377-400.
- Shafer, W., & Simmons, R. (2011). Effects of organizational ethical culture on the ethical decisions of tax practitioners in mainland China. *Accounting, Auditing & Accountability Journal*, 24(5), pp. 647–668.
- Shafer, W. (2013). Ethical climate, social responsibility, and earnings management. *Journal of Business Ethics*, 126, pp. 43–60.
- Shafer, W., Poon, M., & Tjosvold, D. (2013). An investigation of ethical climate in a Singaporean accounting firm. *Accounting, Auditing & Accountability Journal*, 26(2), pp. 312–343.
- Shockley, R. (1981). Perceptions of auditors' independence: An empirical analysis. *The Accounting Review*, 56(4) (October), pp. 785–800.
- Shockley, R. and Holt, R. (1983). A behavioural investigation of supplier differentiation in the market for audit services. *Journal of Accounting Research*, 21(2) Autumn, pp. 545-564.
- Shrout, P. and Bolger, N. (2002). Mediation in Experimental and Non-Experimental Studies:
 New Procedures and Recommendations. *Psychological Methods*, 7(4), pp. 422-445.

- Sikka, P. (2004). Some questions about the governance of auditing firms. *International Journal of Disclosure and Governance*, 1(2), pp. 186–200.
- Sikka, P. (2008). Enterprise culture and accountancy firms: new masters of the universe.
 Accounting, Auditing & Accountability Journal, 21(2), pp. 268-295.
- Sikka, P. (2009). Financial Crisis and the Silence of Auditors. *Accounting, Organizations and Society*, 34(6-7), pp. 868-873.
- Simunic, D. (1980). The pricing of audit services: theory and evidence. *Journal of Accounting Research*, 18, pp. 161-190.
- Sori, Z. M., Mohamad, S., & Karbhari, Y. (2006). Auditor Reputation and Auditor Independence: Evidence from an Emerging Market. Working Paper Series, Centre of Excellence for Applied Financial and Accounting Studies and Cardiff Business School, University Putra Malaysia. Retrieved from http://www.ssrn.com
- Stefaniak, C., Houston, R. and Cornell, R. (2012). The effects of employer and client identification on internal and external auditors' evaluations of internal control deficiencies.
 Auditing: A Journal of Practice & Theory, 31, February, pp. 39-56.
- Stevenson, J. (2002). Auditor Independence: A comparative Study of the UK, France and Italy.
 International Journal of Accounting, 6(2), pp. 155-182.
- Strohm, C. (2006). United States and European Union Auditor Independence Regulation: Implications of Regulators and Auditing Practice, 2006 ed., Deutscher Universitats-Verlag, Wiesbaden, Germany.
- Sucher, P. and Kosmala-MacLullich, K. (2004). A construction of auditor independence in Czech Republic: local insights. *Accounting, Auditing & Accountability Journal*, 17(2), pp. 276-305.
- Svanberg, J., & Öhman, P. (2013). Auditors' time pressure: Does ethical culture support audit quality? *Managerial Auditing Journal*, 28(7), pp. 572–591.

- Svanberg, J. and Ohman, P. (2016). Does Ethical Culture in Audit Firms Support Auditor
 Objectivity? *Accounting in Europe*, 13, pp. 65-79.
- Svanstrom, T. (2013). Non-Audit Services and Audit Quality: Evidence from Private Firms.
 European Accounting Review, 22(2), pp: 337-366.
- Sweeney, B., Arnold, D. and Pierce, B. (2010). The impact of perceived ethical culture of the firm and demographic variables on auditors' ethical evaluation and intention to act decisions.
 Journal of Business Ethics, 93(4), pp. 531-551.
- Sweeney, J. and Roberts, R. (1997). Cognitive Moral Development and Auditor Independence.
 Accounting Organization and Society, 22, pp. 337-352.
- Tabachnick, B., and Fidell, L. (2013). *Using multivariate statistics* (sixth Edition). London: Pearson/Allyn & Bacon.
- Taber, K. (2013). Classroom-based research and evidence-based practice: an introduction (2nd ed.). London: Sage.
- Tahir, F., Bukar, K., and Waziri, B. (2019). Effect of Ethical Culture and Objectivity on Auditor Integrity among Nigerian Auditors. *JETIR*, 6(5), pp. 550-563.
- Taylor, M., DeZoort, F., Munn, E., & Thomas, M. (2003). A proposed framework emphasizing auditor reliability over auditor independence. *Accounting Horizons*, 17(3), pp. 257–266.
- Teoh, H. and Lim, C. (1996). An empirical study of the effects of audit committees. Disclosure
 of non-audit fees, and other issues on auditor independence: Malaysian evidence. *Journal of Accounting, Auditing and Taxation*, 5(2), pp. 231-248.
- The provision of NAS to audit clients. The Institute of Chartered Accountants in England and Wales (ICAEW). Retrieved from http://icaew.com on 15 Dec. 2019.
- Thompson, J. and Jones, K. (1990). The development of public opinion of the accounting profession: the past forty years. *Business Society*, 29, pp. 1-9.

- Thorne, L., Massey, D., & Magnan, M. (2003). Institutional context and auditor's moral reasoning: A Canada–US comparison. *Journal of Business Ethics*, 43(4), pp. 305–321.
- Thornton, J., Reinstein, A. and Miller, C. (2007). Ch.8: Self-Serving Bias, Respondent Knowledge, and Perceptions' of Non-Audit Services' Impact on Auditor Independence. Book: Research on Professional Responsibility and Ethics in Accounting, Vol. 12, Jeffrey, C. (Ed.), Emerald Group Publishing Limited, Bingley, pp. 173-202.
- Trevino, L. (1986). Ethical Decision Making in Organizations: A Person-Situation
 Interactionist Model. *The Academy of Management Review*, 11(3), pp. 601-617.
- Treviño, L. (1990). A cultural perspective on changing and developing organizational ethics.
 Research in Organizational Change and Development, 4, pp. 195–230.
- Trevino, L., Butterfield, K. and McCabe, D. (1998). The ethical context in organizations: influences on employee attitudes and behaviors. *Business Ethics Quarterly*, 8(3), pp. 447-476.
- Trompeter, G. (1994). The effect of partner compensation schemes and generally accepted accounting principles on audit partner judgment. *Auditing: A Journal of Practice & Theory*, 13, Fall, pp. 56-68.
- Turley, S. and Zaman, M. (2007). Audit committee effectiveness: informal processes and behavioural effects. *Accounting, Auditing & Accountability Journal*, 20(5), pp. 765-788.
- UK Corporate Governance Code (2012). Financial Reporting Council (FRC), London, UK.
- UK Corporate Governance code (2014), Financial Reporting Council (FRC), London, UK.
- US General Accounting Office (2003a), Public Accounting Firms Mandated Study on Consolidation and Competition, US General Accounting Office, Washington, DC, GAO-03-864, July.

- US General Accounting Office (2003b) Letter to the Honorable Paul S. Sarbanes, GAO-03-395R, January 17, 2003, US General Accounting Office, Washington, DC.
- US House of Representatives (2002), The Sarbanes-Oxley Act of 2002 Section 201: Services
 Outside the Scope of Practice of Auditors, Public Law 107-204 [H. R. 3763], Government
 Printing Office, Washington, DC, available at: www.sec.gov/about/laws/soa2002.pdf
- US Securities and Exchange Commission (2003). Final Rule: Strengthening the Commission's Requirements Regarding Auditor Independence. US SEC, Washington, DC. Retrieved from https://www.sec.gov/rules/final/
- Wahyudi, I. (2005). Symbolism, rationality and myth in organization control systems: an ethnographic case study of PBS Jakarta Indonesia. Unpublished PhD thesis, University of Wollongong, Wollongong.
- Walabyeki, J. (2008). Corporate Governance: Auditor Independence in Uganda. Master's Thesis, University of Cape town.
- Walabyeki, J. (2013). Threatening the Accounting Gatekeeper: Environment Based Threats.
 Available at SSRN: https://ssrn.com/
- Wall Street Journal (2002). Accounting faces calls for change. Wall Street Journal, February
 6.
- Wang, H., & Hanna, S. (1997). Does risk tolerance decrease with age? *Financial Counselling and Planning*, 8, pp. 27-31.
- Watts, R. and Zimmerman, J. (1983). Agency problems, auditing and the theory of the firm:
 some evidence. *Journal of Law & Economics*, 26, pp. 613-34.
- Webb, W. (2012). Ethical Culture and the Value-Based Approach to Integrity Management: A
 Case Study of the Department of Correctional Services. *Public Administration and Development*, 32, pp. 96-108.

- Wieczynska, M. (2016). The 'big' consequences of IFRS: how and when does the adoption of IFRS benefit global accounting firms? *The Accounting Review*, 91(4), pp. 1257-1283.
- Windsor, C. and Ashkanasy, N. (1995). The effect of client management bargaining power, moral reasoning development and belief in a just world on accountant independence.
 Accounting, Organization and Society, 20(7/8), pp. 701-720.
- Windsor, C., and Ashkanasy, N. (1996). Auditor independence decision making: The role of organizational culture perceptions. *Behavioral Research in Accounting*, 8, pp. 80-97.
- Wines, G. (1994). Auditor Independence, Auditor Qualifications and the Provision of Non-Audit Services: A Note. *Accounting and Finance*, 34, pp. 75-86.
- Wines, G. (2012). Auditor independence: Shared meaning between the demand and supply sides of the audit services market? *Managerial Auditing Journal*, 27, pp. 5-40.
- Wolnizer, P. (1978). Corporate Audit Committees and the Independence Questions. The Chartered Accountant in Australia, 49(2), pp. 4-10.
- Wu, C., Hsu, H., and Haslam, J. (2016). Audit committees, non-audit services, and auditor reporting decisions prior to failure. *The British Accounting Review*, 48(2), pp. 240-256.
- Wyatt, A. (2004). Accounting professionalism-they just don't get it. Accounting Horizons, 18(1), pp. 45–53.
- Yang, S., Liu, Y., and Mai, Q. (2018). Is the quality of female auditors really better? Evidence based on the Chinese A-share market. *China Journal of Accounting Research*, 11(4), pp. 325-350.
- Yatim, P., Kent, P., & Clarkson, P. (2006). Governance Structures, Ethnicity, and Audit Fees of Malaysian Listed Firms. *Managerial Auditing Journal*, 21(7), pp. 757-782.
- Zaman, M., Hudaib, M. and Haniffa, R. (2011). Corporate governance quality, audit fees and non-audit services fees. *Journal of Business Finance & Accounting*, 38(1 and 2), pp. 165-197.

- Zamzami, F., Tantri, S., and Timur, R. (2017). Effects of Auditor Independence and Experience, Size of Client's Financial Health and Audit Fee on Audit Quality: An Empirical Study on Public Accounting Firms in Indonesia. *Journal of Economics, Business and Management*, 5, pp. 69-73.
- Zhang, B. and Emanuel, D. (2008), The provision of non-audit services and earnings conservatism: Do New Zealand auditors compromise their independence? *Accounting Research Journal*, 21(2), pp. 195-221.
- Zhang, Y., Hay, D., and Holm, C. (2016). Non-Audit Services and Auditor Independence:
 Norwegian Evidence. *Cogent Business and Management*, 3, pp. 1-19.
- Zhao, X., Lynch, J., and Chen, Q. (2010). Reconsidering Baron and Kenny: Myths and Truths about Mediation Analysis. *Journal of Consumer Research*, 37(2), pp. 197-206.