



## Corporate Social Responsibility Disclosure in Jordan: An Analysis of Annual Reports of Listed Companies Evidence From 2010-2015

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### ABSTRACT

In the new economy, companies try to convey to their stakeholders that they are a good investment and try to show the good value of the company via disclosure of information (corporate social responsibility) in the annual reports. This study examines the extent of corporate social responsibility practices amongst listed Jordanian companies at Amman Stock Exchange (ASE) for the period 2010-2016. The measurement of corporate social responsibility is based on the checklist which was selection from previous studies then refined the checklist to ensure its validity from experienced Jordanian accountants from Amman Stock Exchange (ASE). The finding of 50 companies reveals that Jordanian companies adopt corporate social responsibility on different types of information including Activities for workers Special activities to interact with the community and Activities consumer and environmental protection, although this corporate social responsibility disclosure might be considered low as the means of disclosure were (17%). More specifically, the mean disclosure for activities for workers, special activities and consumer and environmental protection information were (0.42%), (0.29%) and (0.22%), respectively. In addition, the results show that the highest corporate social responsibility disclosure was for the activities for workers information and the lowest was for the consumer and environmental protection information.

## 1. INTRODUCTION

Living in 21<sup>st</sup> Century, the most modern era, we are enjoying a very sophisticated life-style. Science and Corporate social responsibility disclosure is deemed very important for all stakeholders; it provides them with the necessary information to reduce uncertainty and helps them to make suitable economic financial decisions (Cooke, 1989). The transparency arising from corporate social responsibility of corporate is vital for economic stability and the promotion of sustained levels of high quality investment by corporations. This is achieved through the preparation of financial reports. The annual financial reports published by companies are considered one of the most important sources of information to outsiders (Betosan, 1997; Lang and Lundholm, 1993). Annual reports are used as a communication method to communicate both quantitative and qualitative corporate information with stakeholders or with other interested parties (Barko, Hancock and Izan, 2006).

These financial reports include information of corporate social responsibility that may help users in recognizing the financial position of a company besides reflecting the operational, structural and financial picture of the corporation to various stakeholders. Sometime the information provided may not be useful enough to meet the needs of some beneficiaries like investors, creditors, customers and the public and anybody who is interested in the success of corporations (Percy, 1997).

Financial reports can be classified into two parts: mandatory and voluntary (non-mandatory) disclosure. Mandatory disclosure includes as any financial item disclosed within companies' annual reports that are prescribed by Accounting Standards and / or the Stock Exchange regulations (Penmann, 1980).

Voluntary disclosure (e.g. corporate social responsibility) means making public the financial and non-financial information regarding a firm's operations without any legal requirement (Botosan, 1997; Naser and Nuseibeh, 2003; Alsaeed, 2006).

## **2. LITERATURE REVIEW**

Corporate social responsibility disclosure in financial reporting plays an important role in guiding the decisions of financial report stakeholders; hence there has been a rapid increase in the literature on voluntary disclosure (Corporate social responsibility) (e.g. Ho and Wong, 2001; Eng and Mak, 2003; Arcay and Vazquez, 2005; Kelton and Yang, 2008; Li and Qi, 2008; Cong and Freedman, 2011; Adelopo, 2011; Jiang, Habib and Hu, 2011; Samaha, Dahawy, Hussainey and Stapleton, 2012; Binh, 2012). All potentially useful information has to be disclosed in the annual reports.

The signaling theory was developed in the economic literature where the problem of information asymmetry arises because one party of a potential transaction has more information than the other (Watts and Zimmerman, 1986). Watts and Zimmerman (1986) argued that the problem of information asymmetry can apply to accounting information as the management of the company has more information about the value of the company than the investors. Consequently, the management of companies with good value (or good companies) try to distinguish themselves from others by disclosing additional pertinent information (Corporate social responsibility) which is deemed not mandatory to signal the fact of their company's value (Edvinsson, Roos, Roos and Dragonetti, 1977; Spence, 1973). In other words, companies signal positive information (Corporate social responsibility) to investors to show that they are better than other companies in the market for the purpose of attracting investments and enhancing favorable reputation (Verrecchia, 1983) and allow them to better determine the companies' future value creation and valuation of stock price (Whiting and Miller, 2008). In this case, the investors and other stakeholders believe that the signaled information is a credible means of communication because the signal is costly and the cost of incorrect signaling exceeds the benefit (Hughes, 1986). In addition, Corporate social responsibility is one of the signaling means, where companies would disclose more information than the mandatory ones required by law and regulation in order to signal that they are better (Campbell, Shrives and Bohmbach 2001). Further, signaling theory suggests that the quality of a firm's disclosures can serve as a signal of firm value (Hossain et al., 1995).

The signaling theory has been used in some previous disclosure studies (e.g. Ross, 1977; Hughes, 1986; Cho and Sobel, 1990; Thakor, 1990; Whiting and Miller, 2008; Gordon, Loeb and Sohail, 2010; Shehata, 2014; Elzahr and Hussainey, 2012). Therefore, it is expected that companies with good values will disclose more corporate social responsibility information as a signal of their value to enhance the perceived value of the company, and as reducing information asymmetry.

The legitimacy theory is based on the notion of a social contract between a company and its society (Wastson, Shrives and Marston, 2002; Abeysekera, 2006; Magness, 2006; Guthrie, Petty and Ricceri, 2006; Whiting and Miller, 2008). For a company to exist, it should have goals which are consistent with the goals of the society at large in which it operates (e.g. Dowling and Pfeffer (1975); Lindblom (1994); Nik Ahmad and Sulaiman (2004); Magness (2006). Therefore, the companies will seek to ensure that their operations and activities undertaken are perceived as legitimate (Guthrie et al., 2006; Whiting and Miller, 2008). Whilst the objective of the accounting report is to provide information to users which helps them in decision-making (i.e., satisfy social interests), the legitimacy theory has been integrated in accounting studies as a means of explaining what, why, when and how certain items are addressed by corporate management in their communication with outside audiences (Magness, 2006). Based on the legitimacy theory, generally, companies will disclose certain information (e.g. social, environment) voluntarily to show and convince society that the activities which they are involved in are permissible and have contributed to society's interests and companies are forced to disclose information that would change the external users' opinion about their company (Cormier and Gordon, 2001). Thus, it is thought that the public has a good perception of the company as a good corporate citizen.

The legitimacy theory has been used by some prior studies to explain why companies disclose voluntary information about social and environmental issues (e.g. Patten, 1992; Deegan and Gordon, 1996, Nik Ahmad and Sulaiman, 2004). Therefore, legitimacy theory does offer a powerful mechanism for understanding voluntary social and environmental disclosures made by corporations (Tilling, 2004). On other hand, recent research (e.g. Adams, Hill and Roberts, 1998; O'Dwyer, 2002; Wilmshurst and Frost, 2000; Cong and Freedman, 2011) has sought to test for legitimacy theory as a motivation for voluntary disclosure with inconclusive results. Since, the legitimacy theory can be somehow demonstrated (or rebutted) depending on the degree of relationship found between disclosure patterns and changes in societal opinions (Campbell, Craven and Shrives, 2003). However, legitimacy theory has become the most widely used theory to explain why companies disclose voluntary information (Campbell et al, 2003; Deegan, 2002; Cong and Freedman, 2011) as there is mounting evidence that

companies would be expected to disclose voluntary information to contribute to society (Maigness, 2006; Lightstone and Driscoll, 2008; Whiting and Miller, 2008).

As a result, many companies, especially in the west (e.g. the US, UK, Australia, Canada and Sweden) have started to disclose more voluntary disclosure item within their annual reports. However, there is a dearth of similar literature in Asian countries, including Jordan. In other words, the present study intends to provide a better understanding and to enrich existing knowledge regarding the corporate social responsibility of annual reports in Jordan.

### **3. METHODOLOGY**

#### **3.1 Measurement of Corporate Social Responsibility**

According to Alsaeed (2006), since the 1960s there has been an increased interest in accounting disclosure studies. There are two approaches that emerged from the accounting literature that can be utilized to research the disclosure of accounting. The first approach is to send questionnaires to a number of financial accounting stakeholders requesting them to rank specified disclosure items in accordance with their degree of importance for decision-making processes. The second approach develops the disclosure (corporate social responsibility) index (e.g. mandatory, voluntary or total accounting disclosure) (Meek et al., 1995; Adams and Hossain, 1998; Depoers, 2000; Makhija and Patton, 2004; Akhtaruddin, 2005; Kristandl and Bontis, 2007; Huafang and Jianguo, 2007; Ntim, Opong, Danbolt and Thomas, 2012). Therefore, following prior studies uses the disclosure index to measure the voluntary disclosure (corporate social responsibility) in the annual report. The detail of measuring the corporate social responsibility disclosure is elaborated in section 2.2.

#### **3.2 The Corporate Social Responsibility Index**

A main task in this type of research is to develop the corporate social responsibility index. The disclosure index is a disclosure checklist which contains a few different disclosure items (Arvidsson, 2003). The disclosure index is used to measure the extent of corporate social responsibility (voluntary disclosure), mandatory disclosure or both. The current study focuses on the extent of corporate social responsibility in the annual reports of Jordanian listed companies.

As may be seen from the literature on disclosure, there is evidence that there is no agreed theoretical framework or guidelines on the number and the selection of items to be included in a corporate social responsibility disclosure index (Wallace, Naser and Mora, 1994; Bukh, Nielsen, Gormsen and Mouritsen, 2005). Thus, to form the basis for developing the corporate social responsibility disclosure index of the study, the following steps have been taken:

- To construct the index, the author created a corporate social responsibility checklist based on the selection on previous studies (e.g. Cooke, 1989; Meek et al, 1995; Ghazali and Weetman, 2006; Akhtaruddin & Haron, 2010; Al-Shammari & Al-Sultan, 2010; Eng and Mak, 2003; Adelopo, 2011; Elsayed and Hoque, 2010; Jiang and Habib, 2009; Lopes and Alencar, 2010) and applicability to the Jordanian environment. This is logical as intellectuals agree that researchers have to build on the knowledge of prior researchers. At the end of this step, a primary list of 26 corporate social responsibility items was developed.
- To validate the checklist, first screened, the items in our disclosure index are checked against the mandatory annual report disclosure requirements in Amman Stock Exchange to make sure that the index reflects only corporate social responsibility items. Second, two experienced Jordanian accountants from Amman Stock Exchange refined the checklist to ensure its validity. Therefore, the review and the discussions suggested some modifications. So, the total number of the corporate social responsibility disclosure items was decrease from 26 to 19 items.

A list of 19 corporate social responsibility items was finalized. The corporate social responsibility disclosure index is divided into three main groups of corporate social responsibility. The first group the Activities for workers information items. The second group the Special activities to interact with the community information items. The third group the Activities consumer and environmental protection information items.

In content analysis, researchers construct their own disclosure metrics. To the extent that researcher's judgment is involved in developing and applying corporate social responsibility disclosure measurement index, the results may not be replicated (Healy and Palepu, 2001). In this study, we use frequency of issues mentioned to capture corporate social responsibility disclosure. Under frequency of issues mentioned method, first specific items are identified by researchers (corporate social responsibility index), then each item is analyses and scored for sample firms, based on zero for no disclosure, one for disclosure. At the end of scoring, the number of points a firm has been awarded represents the level of firm's corporate social responsibility. This technique avoids double counting

of the same issue and it is the most dependable way of contents analysis (Kang, 2006). Moreover, this technique includes an interpretation of the implication of the corporate social responsibility (Cormier, Magnan, and VanVelthoven, 2005).

Mathematically a corporate social responsibility index is a ratio or percentage of the actual scores achieved by a company divided by the maximum items which the company is expected to disclose (i.e.  $CSR \leq 19$  items). In other words, each item scored 1 if disclosed and 0 otherwise, the scores for each item were added to derive the final score for each company and the corporate social responsibility index was calculated as the ratio of total items disclosed divided by the maximum possible score as follows (Cooke, 1989; Hossain and Reaz, 2007; Hossain and Hammami, 2009).

#### 4. DATA ANALYSIS AND DISCUSSION

This paper investigates the extent of corporate social responsibility in the annual reports of Jordanian listed companies in Amman stock exchange (ASE). Table 1 reports the means of corporate social responsibility index (i.e. overall corporate social responsibility for the period 2010-2015).

**Table 1:** Descriptive Statistics of the Extent of Corporate Social Responsibility

Y	2010	2011	2012	2013	2014	2015	CSR (Overall)
Mean	11.5	17.45	9.07	23.65	12.84	24.42	16.493

Table 1 shows that the means of the corporate social responsibility (i.e. overall) in the annual reports of Jordanian listed companies were (17%) for the period 2010-2015. In other words, the companies disclosed of corporate social responsibility, on average, (17%) of the items in the corporate social responsibility disclosure index for the period 2010-2015, out of a totally 19 items.

A comparison between the findings of the corporate social responsibility (i.e. overall) in the current study with the findings of the prior studies gives mixed results. There are some possible reasons for such difference in the result. Firstly, the measurement of the corporate social responsibility disclosure in the current study is different from those in the prior studies. Secondly, the difference in the sample size (i.e. the number of companies) used by these studies may have contributed to the variance of the obtained results. Thirdly, the diversity in the sample period could also influence the result. This can be seen where the practices of corporate social responsibility disclosure might differ from time to time. Thus, as the periods of these were different, that might lead to the differences in the results. Finally, the country differences may also influence the extent of corporate social responsibility.

After discussing the extent of corporate social responsibility disclosure in the form of overall corporate social responsibility disclosure, the discussion based on the corporate social responsibility disclosure categories follows. Table 2 shows the means of the extent of the corporate social responsibility disclosure for activities for workers, special activities and consumer and environmental protection information were (0.42%), (0.29%) and (0.22%), respectively for the period 2010-2015.

**Table 2:** Descriptive Statistics of the Category of corporate social responsibility

CATE	Activities for workers	Special activities	Consumer and environmental protection
Mean	0.42	0.29	0.22

In addition, the results show that the highest extent of corporate social responsibility for the period 2010 and 2015 was for the Activities for workers. On other hand, the lowest extent of corporate social responsibility disclosure was for the consumer and environmental protection information for the period 2010 – 2015.

#### 5. CONCLUSION

The results of the analysis of the of corporate social responsibility disclosure index reveal that Jordanian listed companies disclose, although this voluntary disclosure might be considered low as the means of disclosure were (17%) (i.e., overall) in the annual reports for the period 2010-2015. In addition, the results show that the highest

corporate social responsibility disclosure was for the Activities for workers information and the lowest was for the consumer and environmental protection information for the period 2010- 2016.

The findings contribute to the practice by reflecting the existing practices of voluntary disclosure. Thus, the results can be considered beneficial to the companies in understanding their current practices and then trying to enhance them towards greater transparency. In addition, the findings are helpful for other users to understand about the voluntary disclosure of the company.

## REFERENCES

- Abdullah, S. N., & Nasir, N. M. (2004). Accrual management and the independence of the boards of directors and audit committees. *International Journal of Economics, Management and Accounting*, 12(1).
- Adams, M., & Hossain, M. (1998). Managerial discretion and voluntary disclosure: empirical evidence from the New Zealand life insurance industry. *Journal of Accounting and Public Policy*, 17(3), 245-281.
- Adelopo, I. (2011). Voluntary disclosure practices amongst listed companies in Nigeria. *Advances in Accounting*, 27(2), 338-345.
- Akhtaruddin, M. (2005). Corporate mandatory disclosure practices in Bangladesh. *The International Journal of Accounting*, 40(4), 399-422.
- Akhtaruddin, M., & Haron, H. (2010). Board ownership, audit committees' effectiveness, and corporate voluntary disclosures. *Asian Review of Accounting*, 18(3), 245-259.
- Alsaeed, K. (2006). The association between firm-specific characteristics and disclosure: the case of Saudi Arabia. *Managerial Auditing Journal*, 21(5), 476-496.
- Al-Shammari, B., & Al-Sultan, W. (2010). Corporate governance and voluntary disclosure in Kuwait. *International Journal of Disclosure and Governance*, 7(3), 262-280.
- Arcay, M. R., & Vázquez, M. (2005). Corporate characteristics, governance rules and the extent of voluntary disclosure in Spain. *Advances in Accounting*, 21, 299-331.
- Arvidsson, S. (2003, May). The extent of disclosure on intangibles in annual reports. In Paper presented at the 4th annual SNEE congress in Mölle (Vol. 20, p. 23).
- Barako, D. G., Hancock, P., & Izan, H. Y. (2006). Relationship between corporate governance attributes and voluntary disclosures in annual reports: the Kenyan experience. *Financial Reporting, Regulation and Governance*, 5(1), 1-26.
- Binh, T. Q. (2012). Voluntary Disclosure Information in the Annual Reports of Non -Financial Listed Companies: The Case of Vietnam. *Journal of Applied Economics and Business Research*, 2(2) 69-90.
- Botosan, C. A. (1997). Disclosure level and the cost of equity capital. *Accounting review*, 323-349.
- Bukh, P. N., Nielsen, C., Gormsen, P., & Mouritsen, J. (2005). Disclosure of information on intellectual capital in Danish IPO prospectuses. *Accounting, Auditing & Accountability Journal*, 18(6), 713-732.
- Buzby, S. L. (1975). Company size, listed versus unlisted stocks, and the extent of financial disclosure. *Journal of Accounting Research*, 16-37.
- Chobpichien, J. (2008). The Quality of Board of Directors, Ownership Structure And Level Of Voluntary Disclosure Of Listed Companies In Thailand [HD2745. (Doctoral dissertation, Universiti Sains Malaysia).
- Chow, C. W., & Wong-Boren, A. (1987). Voluntary financial disclosure by Mexican corporations. *Accounting Review*, 533-541.
- Cong, Y., & Freedman, M. (2011). Corporate governance and environmental performance and disclosures. *Advances in Accounting*, 27(2), 223-232.
- Cooke, T. E. (1989). Disclosure in the corporate annual reports of Swedish companies. *Accounting and business research*, 19(74), 113-124.
- Cooke, T. E. (1991). An assessment of voluntary disclosure in the annual reports of Japanese corporations. *The International Journal of Accounting*, 26(3), 174-189.
- Coy, D., & Dixon, K. (2004). The public accountability index: crafting a parametric disclosure index for annual reports. *The British Accounting Review*, 36(1), 79-106.
- Debreceeny, R., Gray, G. L., & Rahman, A. (2003). The determinants of Internet financial reporting. *Journal of Accounting and Public Policy*, 21(4), 371-394.
- Depoers, F. (2000). A cost benefit study of voluntary disclosure: Some empirical evidence from French listed companies. *European Accounting Review*, 9(2), 245-263.
- Elsayed, M. O., & Hoque, Z. (2010). Perceived international environmental factors and corporate voluntary disclosure practices: an empirical study. *The British Accounting Review*, 42(1), 17-35.
- Eng, L. L., & Mak, Y. T. (2003). Corporate governance and voluntary disclosure. *Journal of accounting and public policy*, 22(4), 325-345.
- Ho, S. S., & Shun Wong, K. (2001). A study of the relationship between corporate governance structures and the extent of voluntary disclosure. *Journal of International Accounting, Auditing and Taxation*, 10(2), 139-156.
- Hossain, M, Tan. M. L. & Adams. M. B. (1994). Voluntary disclosure in an emerging capital market: Some empirical evidence from companies listed on the KLSE. *The International Journal of Accounting*, 29 (4)334-351.
- Huafang, X., & Jianguo, Y. (2007). Ownership structure, board composition and corporate voluntary disclosure: Evidence from listed companies in China. *Managerial Auditing Journal*, 22(6), 604-619.
- Jeter, D.C., & Chaney, P.K. (2004). *Advanced accounting* (2nd Ed.). Hoboken: John Wiley & Sons.
- Jiang, H., & Habib, A. (2009). The impact of different types of ownership concentration on annual report voluntary disclosures in New Zealand. *Accounting Research Journal*, 22(3), 275-304.

- Jiang, H., Habib, A., & Hu, B. (2011). Ownership concentration, voluntary disclosures and information asymmetry in New Zealand. *The British Accounting Review*, 43(1), 39-53.
- Kelton, A. S., & Yang, Y. W. (2008). The impact of corporate governance on Internet financial reporting. *Journal of Accounting and Public Policy*, 27(1), 62-87.
- Kristandl, G., & Bontis, N. (2007). The impact of voluntary disclosure on cost of equity capital estimates in a temporal setting. *Journal of Intellectual Capital*, 8(4), 577-594.
- Lang, M., & Lundholm, R. (1993). Cross-sectional determinants of analyst ratings of corporate disclosures. *Journal of accounting research*, 246-271.
- Li, H., & Qi, A. (2008). Impact of corporate governance on voluntary disclosure in Chinese listed companies. *Corporate Ownership and control*, 5(2), 360-366.
- Lopes, A. B., & de Alencar, R. C. (2010). Disclosure and cost of equity capital in emerging markets: The Brazilian case. *The International Journal of Accounting*, 45(4), 443-464.
- Makhija, A. K., & Patton, J. M. (2004). The Impact of Firm Ownership Structure on Voluntary Disclosure: Empirical Evidence from Czech Annual Reports. *The Journal of Business*, 77(3), 457-491