

Impression management and self-presentation dissimulation in Portuguese chairman's statements

Jonas Oliveira

Instituto Universitário de Lisboa (ISCTE-IUL), Lisboa, Portugal, and

Graça Azevedo and Fátima Borges

Institute of Accounting and Administration, University of Aveiro, Aveiro, Portugal

Abstract

Purpose – Drawn on social psychology theory of impression management (IM), the purpose of this paper is to assess the way Portuguese managers build their narratives in chairman's statement (CS) to manage stakeholders' perceptions on corporate image, in a period of time of scarce resources.

Design/methodology/approach – The paper's theoretical framework draws on elements of social psychology theory of IM developed by Leary and Kowalski (1990). Through the use of the two-component model of IM (impression motivation and impression construction) the 45 CSs of Portuguese non-finance companies were content analysed to understand how managers build their voluntary communication strategies.

Findings – Results indicate that organisational outcome does not influence the adoption of IM strategies. But public visibility and consumer proximity are crucial factors in explaining them. Larger companies with high consumer proximity present themselves in a favourable way, but consistent with an overall reading of the annual report. These companies show a higher level of verbosity, consistent to the argument of retrospective rationality.

Originality/value – The present study goes beyond Merkl-Davies *et al.* (2011) work and obtains insightful knowledge on the influence of goal relevance of impression in three different perspectives: company's public visibility, company's dependency from debtholders, and consumer proximity. Moreover, the analysis uses a period of scarce resources and a European Latin country, with no tradition in publishing CSs, but that recently has changed its financial reporting practices from an institutional code-law logic to an institutional common-law logic. A research setting like this has not been studied hitherto.

Keywords Portugal, Financial reporting, Impression management, Social psychology, Chairman statement

Paper type Research paper

1. Introduction

Impression management (IM) has been defined as the “attempt to control images that are projected in real or imagined social interactions” (Schlenker, 1980, p. 6). It is the “field of study within social psychology studying how individuals present themselves to others to be perceived favourable by others” (Hooghiemstra, 2000, p. 6).

In financial reporting the adoption of IM strategies embrace attempts “to control and manipulate the impression conveyed to users of accounting information” (Clatworthy and Jones, 2001, p. 311). Literature on financial reporting quality has shown that these strategies may take the form of subliminal verbal/not verbal messages to manipulate the content and presentation of financial information (Hooghiemstra, 2000; Merkl-Davies and Brennan, 2007).



The importance of this argument increases in the presence of: discretionary financial information, disclosed voluntarily; proximity of financial information to the auditor's report; and recent financial scandals and the global financial crisis (GFC) (Neu *et al.*, 1998; Merkl-Davies and Brennan, 2007; Ball, 2009).

From an economic perspective the relationship between IM strategies and negative organisational outcomes has been explained as a consequence of the managers' opportunistic behaviour to dissimulate investors' perceptions on company's performance (Merkl-Davies and Brennan, 2007). Drawn on a social psychology perspective, some studies have found that the adoption of IM strategies may be either a consequence of managers' opportunistic behaviour to consciously dissimulate corporate image, or a result of informational processes, through which managers engage in retrospective sense-making strategies by framing organisational outcomes, albeit in a favourable way (Aerts, 2001, 2005; Merkl-Davies *et al.*, 2011). In organisational outcomes, the concept of sensemaking is the process by which people give meaning to experience. One function of sensemaking is retrospection (the point in which time affects what people notice). Thus, for Weick (1993, p. 635) "reality is an ongoing accomplishment that emerges from efforts to create order and make retrospective sense of what occurs". From a financial reporting context, retrospective sensemaking is a description of chronological actions, facts, and events (retrospective framing) in order that they make sense in relation to one another and contextualise organisational outcomes (Merkl-Davies *et al.*, 2011).

Merkl-Davies *et al.* (2011) have explored two factors motivating IM strategies by UK listed companies: goal relevance of impression (assessed by company's size) and value of desired goals (assessed by organisational outcomes). Drawn on social psychology theory of IM, the present study tries to assess the way Portuguese managers build their narratives in chairman's statement (CS) to manage stakeholders' perceptions on corporate image. More precisely, it tries to understand how value desired goals (measured by negative organisational outcomes) influence the adoption of IM strategies to dissimulate stakeholders' perceptions on corporate performance. Moreover, the present study intends to go beyond Merkl-Davies *et al.* (2011) work and obtain insightful knowledge on the influence of goal relevance of impression in two different perspectives: company's public visibility (assessed by company's size) and the relevance of stakeholders (assessed by company's dependency from debtholders and consumer proximity).

The CS included in consolidated annual reports for 2010 of Portuguese non-finance companies were analysed. The setting of 2010 is interesting because it is a time-framing period not studied hitherto: it is a post-GFC period, and it corresponds to a period of time in which Portugal has been affected by a sovereign crisis. The recent financial scandals and the GFC have aware users for the need of higher quality in financial information (Ball, 2009). During these events managers may have engaged in IM strategies, because these events were related to periods of scarce resources, corporate image losses, which may trigger the adoption of IM strategies (Leary and Kowalski, 1990). To restore corporate image companies can engage in IM strategies in financial reporting to manage stakeholders' perceptions on companies' performance, and attract vital resources to the viability of their business (Carter and Dukerich, 1998). Therefore, this setting will allow us to examine how managers used IM strategies to manage corporate image during this period of scarce resources.

The CS was selected because: it is widely read by investors (Courtis, 2004a; Mir *et al.*, 2009); it is a significant indicator of financial performance (Smith and Taffler, 1995); it provides a generic overview of companies' activities and performance enabling

investors discriminating between bankrupt and financially healthy companies, and therefore subject to strong scrutiny by financial analysts, shareholders, regulators, and journalists (Smith and Taffler, 2000; Sonnier, 2008); affects investors' decision-making process and firm's value (Kaplan *et al.*, 1990; Segars and Kohut, 2001); discloses elements of a CEO "mindset(s), aspirations, ideologies and strategic thinking" (Amernic and Craig, 2007, p. 26); often personifies the culture and personality of the company (Oliver, 2000; Costa *et al.*, 2013); and are generally unaudited (Clatworthy and Jones, 2006). Thus, the potential to include IM strategies is huge.

Previous literature has focused on Anglo-Saxon companies. However, some studies have concluded on the influence of cultural aspects in managers motivations to engage in IM strategies (Merkl-Davies and Brennan, 2007). In Anglo-Saxon countries the financial reporting model is oriented towards full disclosure and transparency, and is focused on investors protection rights. By contrast, in code-law countries (such as Portugal) financial reporting model is oriented towards legal compliance, with low disclosure levels, and is aimed at creditor protection (Ball *et al.*, 2000; Meek and Thomas, 2004; Lopes and Rodrigues, 2007). Moreover, European Latin countries (such as Portugal) have little tradition in publishing a CS, basically because their corporate regulatory regime follows an institutional logic of code law. However, since 2005 there is been a progressive increase in its publication (Costa *et al.*, 2013), basically due to a requirement in changing to an institutional logic of common law after the adoption of International Accounting Standards Board (IASB) standards (Costa *et al.*, 2013; Guerreiro *et al.*, 2012). Therefore, the present study intends to assess if the motivations of Portuguese managers in engaging in IM strategies are different from those managers in Anglo-Saxon companies.

Findings indicate that Portuguese companies adopt less IM strategies than UK listed companies. Organisational outcome does not impact on managers' motivations in adopting IM strategies. According to social psychology theory of IM managers from larger companies adopt IM strategies to present themselves to others in a more favourable way, albeit consistent with an overall reading of the annual report. CS is commonly used to engage in retrospective sensemaking by means of retrospective framing of organisational outcomes.

The remainder of the paper is as follows: first we document the literature review and develop hypotheses. Thereafter, we describe our research method, report results, and present conclusions.

2. Literature review and hypotheses development

Merkl-Davies and Brennan (2007) and Brennan *et al.* (2009) present an extensive literature review on IM strategies and identify seven discretionary narrative disclosure strategies carried out by disclosure choices and the presentation of information, by means of bias (conveying information in a very positive/negative way) and selectivity (omission or inclusion of some items of information). Table I show the definition for each discretionary narrative disclosure strategy.

IM takes into consideration managers' rational opportunistic behaviour to benefit from them by exploiting information asymmetries (Bowen *et al.*, 2005). According to Table II, prior literature has focused on the relationship between organisational outcomes and IM strategies included in the narrative sections of CS underpinned either on economic theories such as agency theory (Smith and Taffler, 1992; Abrahamson and Park, 1994; Curtis, 1995, 1998) and signalling theory (Smith and Taffler, 1992), or on social psychological perspectives of attribution theory (Clatworthy and Jones, 2003).

Table I.
Definition of
discretionary
narrative disclosure
strategies

Disclosure strategy	Definition
Readability manipulation	“Narrative writing technique that obscures the intended message, or confuses, distracts or perplexes readers, leaving them bewildered or muddled” to obfuscate bad news (Curtis, 2004a, p. 292)
Rhetorical manipulation	To obfuscate bad news managers use persuasive language to constantly distort the narrative discourse in one or more ethical principles, such as: clarity, truthfulness, sincerity, and legitimacy (Yuthas <i>et al.</i> , 2002)
Thematic manipulation	To conceal bad news managers do not report them or opt to present themselves in the most favourable way by emphasising good news or through the use of more positive words/themes, rather than negative words/themes (Merkl-Davies and Brennan, 2007; Merkl-Davies <i>et al.</i> , 2011)
Visual and structural manipulation	To conceal bad news or to emphasise good news managers present information in different ways using visual emphasis, repetition, reinforcement of ideas, ordering, and location of information to create noise, emphasise ideas, or direct readers attention (Merkl-Davies and Brennan, 2007)
Performance comparisons	To emphasise good news managers use selectivity by choosing benchmark earnings numbers and performance referents (Merkl-Davies and Brennan, 2007)
Choice of earnings number	To emphasise good news managers use selectivity by choosing specific earnings number and omitting others (Merkl-Davies and Brennan, 2007)
Performance attribution	Managers act in a self-serving manner, attributing positive organisational outcomes to themselves (entitlements) and negative organisational outcomes to external facts (excuses) (Merkl-Davies and Brennan, 2007; Aerts, 2001, 2005)

Merkl-Davies and Brennan (2007) acknowledge the existence of a wide and promising field of research on the motivations for IM through the use of social/political theories such as legitimacy theory (legitimacy/reputation threats), stakeholders theory (communicational process with relevant stakeholders), and institutional theory. Literature on reputation risk management (Bebbington *et al.*, 2008) and social psychology (Leary and Kowalski, 1990) also constitute promising and alternative sources for further studies on the motivations for IM.

Prior literature drawn on social psychology contends that IM entails self-presentational dissimulation behaviours (Leary and Kowalski, 1990) and enhancement behaviours (Merkl-Davies *et al.*, 2011). Self-presentational dissimulation behaviours incorporate constructing inaccurate impressions of organisational outcomes, such as the obfuscation of negative organisational outcomes. They are control-protective and self-serving because they build “impressions at variance with an overall reading of the [annual] report” to maintain established public images or reputation that have been threatened (Stanton *et al.*, 2004, p. 57). Enhancement behaviours refer to the creation of accurate, albeit favourable, impressions of organisational outcomes. They are proactive, because they are “designed to enhance corporation’s image [...] to build an image of the corporation that ingratiate it with its stakeholders” (Stanton *et al.*, 2004, p. 57). Alternatively, Aerts (2005) contends that managers may use financial reporting narratives to retrospectively framing organisational outcomes (retrospective sense-making behaviours).

Merkl-Davies *et al.* (2011) have followed a social psychology perspective to explain motivations for IM in CS of UK listed companies. Drawn on social psychology theory of IM the present study analyses the adoption of IM strategies in CS of Portuguese non-finance companies, with no prior tradition in publishing CS, but that recently

Table II.
Prior literature on the association between organisational outcomes and IM strategies included in chairman's statement

Impression management strategies	Organisational outcomes
<i>Readability manipulation</i>	
Jones (1988)	Negative association
Baker and Kare (1992)	Inconclusive
Smith and Taffler (1992)	Not associated
Subramanian <i>et al.</i> (1993)	Positive association
Courtis (1995)	Not associated
Courtis (1998)	Not associated
Clatworthy and Jones (2001)	Not associated
<i>Rhetorical manipulation</i>	
Thomas (1997)	Negative association
Segars and Kohut (2001)	Positive association
Yuthas <i>et al.</i> (2002)	Not associated
Clatworthy and Jones (2006)	Association
Merkel-Davies <i>et al.</i> (2011)	Not associated
<i>Thematic manipulation</i>	
Hildebrandt and Snyder (1981)	Not associated
Abrahamson and Park (1994)	Negative association
Smith and Taffler (2000)	Association
Merkel-Davies <i>et al.</i> (2011)	Positive/negative association
<i>Visual and structural manipulation</i>	
Courtis (2004b)	No differences in the use of colour between profitable and unprofitable firms
Bowen <i>et al.</i> (2005)	Positive association
<i>Performance comparisons</i>	
Short and Palmer (2003)	Positive association
<i>Choice of earnings number</i>	
Clatworthy and Jones (2006)	Profitables companies disclose significantly more than unprofitable companies
<i>Performance attribution</i>	
Clatworthy and Jones (2003)	No significant difference found between improving and declining performance companies

has changed its financial reporting practices from a code-law institutional logic to a common-law institutional logic (Guerreiro *et al.*, 2012) and in which there is a requirement to audit any numbers included voluntarily in the management report, such as the CS. These particular aspects of Portuguese reality highlight the importance to analyse the tone used by managers in their CS (Costa *et al.*, 2013)

2.1 Social psychology theory of IM: value of the desired goals and self-presentational dissimulation concept

In social psychology IM is a social concept, because it involves “the process by which people attempt to control the impressions others form of them” (Leary and Kowalski, 1990, p. 34). The concept of self is crucial as the images people have of themselves shape and are shaped by social interactions. The effectiveness of any IM strategy is determined by the social presence of outsider parties (relevant stakeholders) interacting each other through an accountability process (Leary and Kowalski, 1990).

Thus, IM entails an economic “rationale for corporate communication, which is controlled and managed and is influential and persuasive” incorporating psychological nuances (Stanton *et al.*, 2004, p. 58).

Leary and Kowalski (1990) proposed a two-component model to explain IM: impression motivation and impression construction. Impression motivation takes into consideration the circumstances that determine the adoption of a specific IM strategy. To achieve desired social and material outcomes, maintain self-esteem, and develop desired identities impression motivation is influenced by three factors: the value of the desired goals; the goal relevance of impressions; and the existing discrepancy between the individual's current image and the image he wants to convey.

Leary and Kowalski (1990) contend that there is a positive association between the value of the desired goals and the motivation for IM. Consequently, “impression motivation is higher when desired resources are scarce”, because the value of desired goals increases when resources availability goes down (Leary and Kowalski, 1990, p. 38). In the context of financial reporting, negative organisational outcomes can promote the adoption of IM strategies. Merkl-Davies *et al.* (2011) analysed the influence of value of the desired goals in the adoption of IM behaviours. Findings indicate that companies with negative organisational outcomes did not adopt self-presentational dissimulation strategies, but engaged in retrospective sensemaking, by means of contextualisation (chronological descriptions of actions) of facts and events.

Leary and Kowalski (1990) argue also that “impression management may be more common in societies with limited economic and political opportunities” (Leary and Kowalski, 1990, p. 38). Prior literature is focused on Anglo-Saxon countries, in periods prior to the recent GFC. The present study examines IM motivations in a Portuguese setting in the year 2010: a post-GFC period. It also corresponds to a period of time in which Portugal has been affected by a severe sovereign debt crisis. In April 2011 Portugal was bailout by the European Commission, European Central Bank, and the International Monetary Fund, because it was definitely not prepared for the GFC from an economic and political perspective. From 2000 to 2007 the ratio of debt to Gross Domestic Product increased from 48 to 68.3 per cent of Gross Domestic Product, and had four different and usually unstable governments with important implications in the mismanagement of the economy and public finances. Since 2010 financial markets began to become suspicious about the ability of the country to fulfil its sovereign debt liabilities, risk premiums increased up to a point where access to capital markets was no longer an option and a debt default soon became imminent.

Impression construction involves “not only choosing the kind of impression to create, but deciding precisely how they will go about doing so (such as deciding whether to create the desired impression via self-description, non-verbal behaviour, or props)” (Leary and Kowalski, 1990, pp. 35-36). In financial reporting, impression construction, involves the creation of public images about certain actions or events consistent or not with management's self-concept of those facts or events.

Social psychology tries to “understand and explain how the thoughts, feelings and behaviors of individuals are influenced by the actual imagined or implied presence of other human beings” (Allport, 1954, p. 5). Verbal language is one psychological marker for human behaviour, because it is “based on the assumption that the words people use convey psychological information over and above their literal meaning and independent of their semantic context” (Pennebaker *et al.*, 2003, p. 550).

Merkel-Davies *et al.* (2011), followed Newman *et al.*'s (2003) structure to analyse the level of self-presentational dissimulation using six markers for verbal language, consistent with three IM strategies: rhetoric manipulation (number of words, first person pronouns, third person pronouns); thematic manipulation (positive emotion words and negative emotion words); and readability manipulation (words relating to underlying complex cognitive processes). The present study aims to assess how the value of the desired goals (assessed by negative organisational outcomes) influence the usage of eight psychological markers for self-presentational dissimulation behaviour, consistent with four IM strategies: rhetoric manipulation (number of words, self-references, and references to others); readability manipulation (readability); thematic manipulation (positive and negative words); and choice of earnings number (qualitative references to financial performance indicators and quantitative references to financial performance indicators) (Clatworthy and Jones, 2006; Merkel-Davies *et al.*, 2011).

Number of words. Prior findings on the association between CS's verbosity and organisational outcomes were inconclusive. Segars and Kohut (2001) found that well-performing companies show higher levels of verbosity compared to poor-performing companies. Other studies did not find any association (Clatworthy and Jones, 2006; Merkel-Davies *et al.*, 2011). From a social psychological perspective it is expected that poor-performing companies would be less verbose than well-performing companies. Negative organisational outcomes promote self-presentational dissimulation behaviours. Consequently, narratives are shorter, because "lying is associated with fewer details, thus resulting in shorter communication" (Merkel-Davies *et al.*, 2011, p. 323):

H1. Companies with negative organisational outcomes present fewer words in CS, than companies with positive organisational outcomes.

Self-references. Prior literature on the relationship between self-references and organisational outcomes have been inconclusive. Some studies have found positive associations (Thomas, 1997; Clatworthy and Jones, 2006) and an extensive use of first person pronouns (Hyland, 1998). Merkel-Davies *et al.* (2011) did not find any association between them.

Aristotle has proposed three persuasive audience appeals: ethos, pathos, and logos. Ethos appeals to the authority and honesty of the speaker. Audience is more likely to be persuaded by a credible source because they are more reliable. Pathos relates to emotional appeals to alter the audience's judgment through metaphors, amplification, storytelling evoking strong emotion in the audience to motivate and persuade decision making. Logos use inductive or deductive reasoning to construct an argument including statistics, math, logic, and objectivity (Kennedy, 1991). Ethos construction in CS is crucial because to assure a credible communication between management and audience, the message should be able to create an image of integrity, authority, and honesty of the management. Ethos construction can be accomplished through the use of self-references (e.g. first person pronouns). Self-references express personal beliefs, strength the writer's presence in the narrative, and align the writer with the message, creating a feeling of competence, responsibility, and authority (Hyland, 1998).

Hyland (1998, pp. 235, 237) argues that "credibility [of the message] is obviously most easily gained on the strength on company [...]. [However, the usage of self-references] may not always be appropriate, particularly in years when the company has not performed as hoped". Under these circumstances managers have to be more modest and conservative, in order to manage their reputations and

maintain investors' confidence. Newman *et al.* (2003) indicate that narratives with self-presentational dissimulation strategies have fewer self-references:

H2. Companies with negative organisational outcomes use fewer self-references in CS, than companies with positive organisational outcomes.

References to others. Merkl-Davies *et al.* (2011) found that there is not any association between references to others and organisational outcomes, even after controlling results by size and industry. Nevertheless, consistent with Newman *et al.* (2003) narratives with self-presentational dissimulation strategies present a fewer number of references to others:

H3. Companies with negative organisational outcomes use fewer references to others in CS, than companies with positive organisational outcomes.

Positive and negative words. In social psychology, verbal language conveys information about emotions, anxieties, and frustrations. Consistent with the Pollyanna hypothesis, managers tend to present themselves and company performance in the most favourable way, regardless of companies' organisational outcomes (Hildebrandt and Snyder, 1981). However, Newman *et al.* (2003) argues that towards negative organisational outcomes managers adopt self-presentational dissimulation behaviours through a higher use of positive words (which is consistent with Pollyanna's hypothesis), and a fewer use of negative words arising from discomfort, guilt, and frustration for the accomplished outcomes:

H4a. Companies with negative organisational outcomes use a higher number of positive words in CS, than companies with positive organisational outcomes.

H4b. Companies with negative organisational outcomes use a lower number of negative words in CS, than companies with positive organisational outcomes.

Readability. Consistent with agency theory, readability manipulation is intrinsically linked to the hypothesis of obfuscation of bad news (Courtis, 1998). But within social psychology readability can be related to other factors. Aerts (2001, p. 7) has referred that attribution defensive behaviours in companies with negative organisational outcomes main entail "accounting bias, a tendency to explain negative performance results more in technical accounting terms, relating intermediary accounting effects, while positive performances are more accounted for in explicit cause-effect terminology whereby internal or external factors, not related to the financial reporting framework, are identified as causal influences". Negative organisational outcomes will be more salient to relevant stakeholders and expose management to their scrutiny. Therefore, management need to present more accounting explanations to contextualise those negative outcomes and legitimate themselves before stakeholders (Aerts, 2005). If the constructed public impression is consistent with management's self-concept of organisational actions and events, the referred contextualisation will demand a higher detail, description, and explanation. Therefore, like Aerts (2005) and Bloomfield (2008) argue, the level of readability of a narrative may be related to an informational process, rather than to the hypothesis of obfuscation of bad news. Contextualisation of negative organisational outcomes can promote syntactical complexity, due to the inclusion of technical explanations containing technical terminology and complex syntactical structures.

On the other hand, in the presence of negative organisational outcomes if management adopt self-presentational dissimulation behaviours narratives will be easier to read (Newman *et al.*, 2003). Narratives will contain fewer cognitive complexities: simpler sentence structure; fewer words of causality; fewer words demanding reflection. Such an argument is consistent with the idea that “liars tell less complex stories” (Merkl-Davies *et al.*, 2011, p. 322):

H5. Companies with negative organisational outcomes present more readable CS than companies with positive organisational outcomes.

Qualitative/quantitative references to financial performance indicators. Prior literature found that companies with positive organisational outcomes disclose more information on performance indicators (Beattie and Jones, 2000; Clatworthy and Jones, 2006). On the other hand, it is expectable that in companies with negative organisational outcomes if managers adopt self-presentational dissimulation strategies they will report less information on performance indicators. Skinner (1994) found that good news were disclosed quantitatively, whereas bad news were disclosed qualitatively:

H6a. Companies with negative organisational outcomes include fewer qualitative references to financial performance indicators in CS, than companies with positive organisational outcomes.

H6b. Companies with negative organisational outcomes present fewer quantitative references to financial performance indicators in CS, than companies with positive organisational outcomes.

2.2 Social psychology theory of IM: the goal relevance of impressions

Leary and Kowalski (1990) contend that the factors that determine how relevant one's impressions are to fulfil the goals of social and material outcomes, self-esteem maintenance, and identity development are: company's public visibility and the relevance of stakeholders. Public visibility is a “function of both probability that one's behaviour will be observed by others who might see and learn about it” (Leary and Kowalski, 1990, p. 38). The more public visible companies are more incentives will managers have to adopt IM strategies because they will likely be scrutinised by their relevant stakeholders. Moreover, the more companies depend of some relevant stakeholders to access crucial resources, more incentives managers will have to engage in IM strategies. Therefore, larger companies depending upon relevant stakeholders to survive, have more incentives to engage in IM strategies:

H7a. The adoption of IM strategies in CS is positively correlated with company's public visibility.

H7b. The adoption of IM strategies in CS is positively correlated with the relevance of stakeholders.

3. Research method

3.1 Sample

We analysed IM strategies in the CS of a sample of 45 Portuguese non-finance companies. From a total of 51 companies listed on the regulated Euronext Lisbon stock exchange market at December 2010, five finance companies, three companies with a

different financial reporting period, and 18 companies that in 2010 did not include the CS in their consolidated annual report were removed. Our final sub-sample comprised 25 listed companies. The sub-sample of companies not listed on any regulated stock exchange market was extracted from the 500 largest Portuguese companies in *Exame Magazine* ranking, 2010. From these 500 largest Portuguese companies only 20 companies have included a CS in their consolidated annual accounts.

3.2 Data collection

All CS were written in Portuguese and were content analysed to assess IM strategies adopted. Content analysis was performed manually, based on the methodology used by Clatworthy and Jones (2006) and Merkl-Davies *et al.* (2011), and followed a two-stage procedure. First, an initial sample of CS was analysed by two independent coders. The prior coding helped establishing a set of dictionaries functioning as decision rules. To assure the reliability of the content analysis Scott's π measure of the inter-rater reliability was used (Scott's $\pi=0.85$) and its level was considered acceptable in the analysis of corporate disclosures (Lombard *et al.*, 2002). Second, the entire sample was content analysed by the first author. Table III describes the variables concerning the two-component model of Leary and Kowalski (1990): impression construction and impression motivation.

Impression construction was assessed by four IM strategies (Table III, panel A): rhetoric manipulation (number of words, self-references, and references to others),

Variables	Definition
<i>Panel A: impression construction</i>	
Rhetoric manipulation	
Number of words	Sum of words in CS
Self-references	Proportion of the number of self-references in CS
References to others	Proportion of the number of references to others in CS
Thematic manipulation	
Positive words	Proportion of the number of positive words in CS
Negative words	Proportion of the number of negative words in CS
Readability manipulation	
Readability	Flesh reading ease index
Choice of earnings number	
Qualitative references to financial performance indicators	Sum of references in CS
Quantitative references to financial performance indicators	Sum of references in CS
<i>Panel B: impression motivation</i>	
Organisational outcomes	
	Dummy variable = 1 if the company had an earnings before tax growth rate > 1; 0, otherwise
Public visibility	
Company's size	Total assets (10 Euro millions)
Company's listing status	Dummy variable = 1 if the company is listed on one or more stock exchange regulated market; 0, otherwise
Relevance of stakeholders	
Company's dependence on debtholders	Leverage = Total liabilities/total assets
Consumer proximity	Dummy variable = 1 if the company belongs to an industry with higher consumer proximity; 0, otherwise

Table III.
Description of
variables

thematic manipulation (positive and negative words), readability manipulation (readability), and choice of earnings number (qualitative references to financial performance indicators and quantitative references to financial performance indicators).

The variable “number of words” was measured by counting the number of words in CS (Clatworthy and Jones, 2006; Merkl-Davies *et al.*, 2011).

The variable “self-references” was measured by the proportion of first person pronouns, references to the group, and reference to company’s name in CS (Clatworthy and Jones, 2006; Merkl-Davies *et al.*, 2011).

The variable “references to others” was measured by the proportion of references to others (third parties) in CS (Merkl-Davies *et al.*, 2011).

The variable “positive words” was measured by the proportion of positive words (such as maximisation, improvement, proud, respectful, sustainable, transparent, etc.) in CS (Merkl-Davies *et al.*, 2011).

The variable “negative words” was measured by the proportion of negative words (such as adversities, contingencies, difficulties, instability, problem, losses, etc.) in CS (Merkl-Davies *et al.*, 2011).

The variable “readability” was measured by the computation of the Flesh reading ease index (Aerts, 2005; Bloomfield, 2008). The readability analysis has its origins in social psychology and commonly uses the syntactical structure of narratives, in terms of sentence length and the number of syllables. There are several algorithms to measure readability using these two metrics: Fog, Flesch, Kwolek, Date-Chall, Lix, Fry, Cloze, Texture index, and Diction (Brennan *et al.*, 2009). Flesh reading ease index assesses the readability level of narratives counting the variables within a narrative and has been widely used in prior literature of IM due to its easy calculation through the use of a computer and its easy interpretation and comparison with other studies (Courtis, 1998; Linsley and Lawrence, 2007). The results from the Flesch reading ease index formula varies between the value “0” (indicating a low level of readability) and the value “100” (indicating a high level of readability).

Although Flesch reading ease formula has been developed for English language Cavique (2008, p. 62) argues that “since it does not depend on a dictionary it can be perfectly used on Portuguese language”. Campbell *et al.* (2005) have concluded that comparative volumetric content analysis should be carried out by interrogating narratives in the same language. The present study has content analysed CS that were exclusively written in Portuguese language. However, for comparison purposes with prior Anglo-Saxon literature, according to Campbell *et al.* (2005) findings the present study follows Porto’s *et al.* (2014) methodology. Flesch reading ease index was computed with the software TextMeter which adjust the original formula to Portuguese language.

The variable “qualitative references to financial performance indicators” was measured by the number of qualitative references to financial performance indicators in CS (Clatworthy and Jones, 2006).

The variable “quantitative references to financial performance indicators” was measured by the number of quantitative (absolute or per cent value) references to financial performance indicators in CS (Clatworthy and Jones, 2006).

Impression motivation was measured by three variables that try to assess the value of desired goals (assessed by organisational outcomes) and the goal relevance of impressions (assessed by company’s public visibility and relevance of stakeholders) (Table III, panel B). All of these variables were extracted from the companies’ consolidated annual reports.

The variable “organisational outcome” was measured by a dummy variable assigning 1 if earnings before tax growth rate > 1, and 0 otherwise (Merkl-Davies *et al.*, 2011).

The variable "public visibility" was proxied by company's size and company's listing status (Branco and Rodrigues, 2006, 2008; Oliveira *et al.*, 2011a, b). "Company's size" was measure by total assets (Branco and Rodrigues, 2008). "Company's listing status" was measured by a dummy variable assigning 1 if the company was listed on one or more regulated stock exchange markets, and 0 otherwise (Branco and Rodrigues, 2006; Oliveira *et al.*, 2011a).

In Portugal banks dominate as a source of financing and financial reporting is aimed at creditor protection (Lopes and Rodrigues, 2007). Moreover, the more contact the company has with its stakeholders more motivated managers will be to try to control stakeholders' perception about them (Leary and Kowalski, 1990). Therefore, the variable "relevance of stakeholders" was proxied by company's dependence on debtholders and consumer proximity. "Company's dependence on debtholders" was measured by leverage (ratio of total debt to total assets). "Consumer proximity" was measured by a dummy variable assigning 1 if the company belongs to a high consumer proximity industry (consumer goods, consumer services, utilities, telecommunications, and oil and gas), and 0 otherwise (Branco and Rodrigues, 2008).

4. Results

4.1 Descriptive analysis

Table IV presents the descriptive statistics results. On average CS contain 1,117.84 words. Clatworthy and Jones (2006) and Merkl-Davies *et al.* (2011) found lower levels among UK listed companies.

	Measurement	<i>n</i>	Minimum	Maximum	Mean	SD
Words	Sum	45	205.00	4,308.00	1,117.84	788.30
Self-references	Proportion	45	0.01	0.08	0.04	0.02
References to others	Proportion	45	0.00	0.04	0.02	0.01
Positive words	Proportion	45	0.02	0.11	0.07	0.02
Negative words	Proportion	45	0.00	0.08	0.02	0.02
Readability	Index	45	0.00	25.90	6.46	7.01
Qualitative references to financial performance indicators	Sum	45	0.00	33.00	6.51	6.95
Quantitative references to financial performance indicators	Sum	45	0.00	25.00	4.51	5.53
Company's size	10 Euros millions	45	15.72	40,488.85	3,267.47	6,593.16
Company's dependence on debtholders	Ratio	45	0.27	3.01	0.79	0.44
			Frequency	%		
Organisational outcome	Dummy = 1	45	26	58		
	Dummy = 0		19	42		
Consumer proximity	Dummy = 1	45	24	53		
	Dummy = 0		21	47		
Company's listing status	Dummy = 1	45	25	56		
	Dummy = 0		20	44		

Notes: Definition of variables: readability = Flesh reading ease index; size = total assets; company's dependence on debtholders = total liabilities/total assets; organisational outcome = 1 if company has an earnings before tax growth rate > 1; 0, otherwise; consumer proximity = 1 if company belongs to an industry with a high consumer proximity; 0, otherwise; company's listing status = 1 if company is listed in one or more stock exchange regulated markets; 0, otherwise

Table IV.
Descriptive statistics

Portuguese companies do not use self-references (mean value = 0.04), nor references to others (mean value = 0.02) as IM strategies. These mean values are lower than those found among UK listed companies (Clatworthy and Jones, 2006; Merkl-Davies *et al.*, 2011). These companies follow a financial reporting model focused in the capital markets and are held by a wide range of investors, whereas in Portugal companies are held by families (Lopes and Rodrigues, 2007). Thus, it was expectable to find lower information asymmetries among Portuguese companies and therefore lower levels of IM strategies adopted.

Table IV shows that on average companies use more positive words (mean value = 0.07) than negative words (mean value = 0.02). These findings are consistent with Merkl-Davies *et al.* (2011). The authors found that UK listed companies used IM strategies not as self-presentational dissimulation instruments. But present themselves in the most favourable way.

The level of readability of CS is very low (mean value = 6.46). The maximum value is around 25.9 (Table IV). This value is below the threshold of 30 established by the Flesh reading easy index ranking which corresponds to a very hard level of reading. This finding indicates that organisational outcomes may not be associated with the readability of CS, but with issues related to the informational process (Aerts, 2001, 2005).

Portuguese companies disclose an average of 6.51 qualitative references to financial performance indicators. Quantitative references were monetary (mean value = 2.08) and percentage (mean value = 2.43). Financial performance indicators most disclosed were: earnings (31 companies); sales (26 companies); profitability (14 companies); dividends per share (11 companies); leverage (eight companies); and cash-flow (six companies). There were four companies that did not disclose any performance indicator. Clatworthy and Jones (2006) findings were quite different. Performance indicators most disclosed by UK listed companies were profit before taxes and dividends.

Leverage among Portuguese companies is high, indicating their strong dependence on debtholders. This is explained by the fact that in Portugal banks are the main sources of financing (Lopes and Rodrigues, 2007).

4.2 Hypotheses testing

The dependent and independent variables were tested for skewness and normal distribution. The variables “company’s size” and “company’s dependence on debtholders” were transformed through the computation of its natural logarithm to reduce skewness. The Kolmogorov-Smirnov Lilliefors test has shown that variables were not distributed normally. Consequently, hypotheses testing were performed using the following statistical tests: Mann-Whitney *U* test for two independent samples, Kruskal-Wallis test for *k* independent samples, and Spearman correlation.

Table V results indicate that IM strategies, such as rhetoric manipulation, thematic manipulation, readability manipulation, and choice of earnings number are not significantly different (*p*-values > 0.05) between companies with positive and negative organisational outcomes. Results do not support *H1* (number of words), *H2* (self-references), *H3* (references to others), *H4a* (positive words), *H4b* (negative words), *H5* (readability), *H6a* (qualitative references to financial performance indicators), and *H6b* (quantitative references to financial performance indicators).

The IM strategies were not adopted to build a public image about organisational actions and events at variance with an overall reading of the annual report. Consistent with Merkl-Davies *et al.*'s (2011) findings the IM strategies adopted by

Table V. Impression management strategies and organisational outcomes

	Companies with positive organisational outcome ($n = 26$)	Companies with negative organisational outcome ($n = 19$)	MWU	Z	p -value (1-tailed)
Words	1,199.96	1,005.47	202.00	-1,034.00	0.151
Self-references	0.04	0.04	302.50	1.28	0.101
References to others	0.02	0.02	180.00	-1.54	0.062
Positive words	0.07	0.07	242.50	-0.10	0.459
Negative words	0.02	0.03	290.00	0.99	0.162
Readability	6.14	6.91	273.50	0.62	0.269
Qualitative references to financial performance indicators	7.88	4.63	176.50	-1.63	0.052
Quantitative references to financial performance indicators	5.54	3.11	208.00	-0.91	0.183

Notes: *,**Differences is significant at 0.05 and 0.01 levels, respectively (one-tailed)

Portuguese non-finance companies are not consistent with self-presentational dissimulation behaviours. Negative organisational outcomes are not a trigger for self-presentational behaviour.

Table VI shows that there is a positive correlation, statistically significant, between size and the number of words (p -value < 0.01), and the proportion of self-references in CS (p -value < 0.05). And there is a positive correlation, statistically significant, between the company's listing status and the proportion of positive words in CS (p -value < 0.05). These findings support *H7a*. Larger companies present higher levels of verbosity and self-references in the CS. Moreover, companies more publicly visible related to their listing status profile present a higher proportion of positive words in the CS. Results also document a negative correlation, statistically significant, between company's size and the proportion of negative words (p -value < 0.05). This finding does not support *H7a*.

Note that the adoption of positive words is not significantly different between companies with positive and negative organisational outcomes (Table V). Authors have also tested and verified size of sampled companies is not significantly different considering their listing status and organisational outcomes[1]. Merkl-Davies *et al.* (2011)

	Public visibility		Relevance of stakeholders	
	Company's size	Company's listing status	Company's dependence on debtholders	Consumer proximity
Words	0.48**	0.13	-0.11	0.25*
Self-references	0.28*	0.25	-0.05	-0.02
References to others	-0.17	-0.15	0.20	0.00
Positive words	0.22	0.28*	-0.16	-0.09
Negative words	-0.31*	-0.09	0.12	-0.18
Readability	-0.01	0.10	0.03	0.13
Qualitative references to financial performance indicators	0.24	0.21	-0.13	-0.02
Quantitative references to financial performance indicators	0.17	0.10	-0.02	0.05

Notes: *,**Correlation coefficients is significant at 0.05 and 0.01 levels, respectively (one-tailed)

Table VI. Correlations between impression management strategies and public visibility/relevance of stakeholders

contend that managers can emphasise positive organisational outcomes regardless of their financial performance. Therefore, consistent with social psychology theory of IM publicly visible Portuguese non-finance companies use CS to communicate a more favourable image (but consistent with managers self-concept of organisational actions and events) of themselves either through the use of more positive words or fewer negative words.

Table VI shows that there is not a statistically significant correlation between the several IM strategies and company's dependence on debtholders. This result does not support *H7b*. Company's dependence on debtholders is not relevant in choosing IM strategies. However, findings indicate a positive correlation, statistically significant, between consumer proximity and the number of words in the CS (p -value < 0.01). This result support *H7b*. Authors have tested and verified that companies with higher consumer proximity were significantly larger than companies with lower consumer proximity (see footnote 1). Therefore, larger companies with higher consumer proximity present a higher level of words in CS.

Previous findings indicated that there are not significant differences in the number of words in the CS and its level of readability between companies with positive and negative organisational outcomes (Table V), which is consistent with Aerts (2005) arguments. The levels of verbosity and readability are related to organisations' informational processes. Findings of Table VI are also consistent with this argument. Larger companies present higher verbosity because larger companies are more complex organisations, more exposed to business risks, and subject to a deeper scrutiny from relevant stakeholders. Therefore, managers need to present more detailed information to contextualise the description of organisational actions, facts, and events, which demands a higher verbosity. Managers "engage in retrospective sensemaking by means of drawing together a series of events in order that they make sense in relation to one another [...]. [manifesting] itself linguistically in the form of a more complex grammatical sentence structure and more causation and insight words" with consequences on the readability and complexity of the narrative (Merkel-Davies *et al.*, 2011, p. 336). Our results indicate that larger companies engage in retrospective sensemaking through the use of more self-references. Self-references help them to build ethos, strengthening the manager's presence in the narrative, aligning the manager with the reader, and creating in the stakeholders mind an image of competency, honesty, integrity, responsibility, and authority of the management (Hyland, 1998).

Non-parametric hypotheses tests were re-run taking into consideration the variables "consumer proximity" and "company's listing status". Results demonstrate that findings were not driven (p -values > 0.05) by these variables (Table VII).

5. Conclusions

Our results confirm that Portuguese non-finance companies do not adopt IM strategies to present a self-presentational dissimulated impression. The levels of organisational outcomes (measured by earnings before tax growth rate) do not influence the adoption of IM strategies.

Consistent with Merkel-Davies *et al.* (2011) managers of Portuguese non-finance companies present an accurate, albeit favourable, image of the firm, and of organisational outcomes. Moreover, findings indicate that managers present a favourable impression of themselves, regardless organisational outcomes, which is consistent with Pollyanna hypothesis (Hildebrandt and Snyder, 1981).

	Words	Self-references	References to others	Positive words	Negative words	Readability	Qualitative references to financial performance indicators	Quantitative references to financial performance indicators
<i>Panel A – company's listing status</i>								
Listed companies	1,146.92	0.04	0.02	0.07	0.02	6.62	8.12	5.24
Not listed companies	1,081.50	0.04	0.02	0.06	0.02	6.28	4.50	3.60
Mann-Whitney U	289.00	322.00	207.50	332.00	224.00	277.50	312.00	277.50
Z	0.89	1.65	-0.97	1.87	-0.59	0.64	1.42	0.64
p-value (2-tailed)	0.373	0.100	0.332	0.061	0.553	0.524	0.155	0.526
<i>Panel B – consumer proximity</i>								
Companies with high consumer proximity	1,223.79	0.04	0.02	0.07	0.02	7.82	7.00	4.92
Companies with low consumer proximity	996.76	0.04	0.02	0.07	0.03	4.92	5.95	4.05
Mann-Whitney U	326.00	246.00	252.50	226.00	200.50	290.00	247.00	267.00
Z	1.68	-0.14	0.01	-0.59	-1.20	0.88	-0.11	0.35
p-value (2-tailed)	0.092	0.891	0.991	0.554	0.241	0.380	0.909	0.730
Notes: *,**Differences is significant at 0.05 and 0.01 levels, respectively (two-tailed)								

Table VII.
Differences in the mean values of impression management strategies

Both public visibility (measured by company's size and listing status) and relevance of stakeholders (measured by consumer's proximity) are crucial factors in explaining the motivations for the adoption of IM strategies. Public visible companies present higher proportion of self-references to rhetorically build their ethos. They try to present a more favourable image of themselves either through the use of more positive words or fewer negative words. Moreover, they use a higher number of words to contextualise organisational actions and events consistent with retrospective rationality arguments (Merkl-Davies *et al.*, 2011).

These findings are relevant in the view of Costa *et al.* (2013) results. They have found that Portuguese companies are starting to pay a special attention to the publication of CS in their annual accounts. Moreover, they have concluded that this finding is a corollary of an isomorphic mimetic and normative behaviour associated with the change of their financial reporting practices from an institutional logic of a code law to an institutional logic of common law. Linking Costa *et al.* (2013) results to our findings corroborate the need for Portuguese and European countries to scrutinise CS narratives through the form of auditing endeavours or even through the establishment of specific guidelines for its presentation. Costa *et al.* (2013) confirms that the publication of CS is increasing. However, its content does not follow a specific set of rules. But, the narratives in a CS can "lead people into the future" (Amernic and Craig, 2007, p. 25). It is important that users adopt a sceptical attitude towards the tone and content of CS. Thus, consistent with Falschlunger *et al.* (2015), we believe that to safeguard stakeholders' interests, the release of guidelines on the content and tone of CS narratives should be part of the international standard setters (such as IASB) agenda. Revisiting Clatworthy and Jones (2006) this agenda should focused on the clarification of the status of accounting narratives. The inclusion of a "precautionary statement" in CS (in which managers take responsibility for it and alert readers that the message is the Chairman's personal point of view) is a potential mechanism to achieve that desire. Some limitations that should be noted are related to the subjectivity of content analysis. The present study analyses only the information content of CS. Further research should consider the adoption of IM strategies in other sources of financial information such as press releases, websites, or other sections of annual reports (e.g. risk sections, relevant events section), and should analyse the influence of the GFC on the adoption of IM strategies.

Note

1. Detailed analysis is available upon request from the authors.

References

- Abrahamson, E. and Park, C. (1994), "Concealment of negative organizational outcomes: an agency theory perspective", *Academy of Management Journal*, Vol. 37 No. 5, pp. 1302-1334.
- Aerts, W. (2001), "Inertia in the attributional content of annual accounting narratives", *European Accounting Review*, Vol. 10 No. 1, pp. 3-32.
- Aerts, W. (2005), "Picking up the pieces: impression management in the retrospective attributional framing of accounting outcomes", *Accounting, Organizations and Society*, Vol. 30 No. 6, pp. 493-517.
- Allport, G.W. (1954), "The historical background of social psychology", in Lindzey, G. and Aronson, E. (Eds), *Handbook of Social Psychology*, Vol. 1 No. 3, Random House, New York, NY, pp. 1-46.

- Amernic, J. and Craig, R. (2007), "Making CEO-speak more potent: editing the language of corporate leadership", *Strategy and Leadership*, Vol. 35 No. 3, pp. 25-31.
- Baker, H.E. and Kare, D.D. (1992), "Relationship between annual report readability and corporate financial performance", *Management Research News*, Vol. 15 No. 1, pp. 1-4.
- Ball, R. (2009), "Market and political/regulatory perspectives on the recent accounting scandals", *Journal of Accounting Research*, Vol. 47 No. 2, pp. 277-323.
- Ball, R., Kothari, S.P. and Robin, A. (2000), "The effect of international institutional factors on properties of accounting earnings", *Journal of Accounting and Economics*, Vol. 29 No. 1, pp. 1-50.
- Beattie, V. and Jones, M. (2000), "Impression management: the case of inter-country financial graphs", *Journal of International Accounting, Auditing, and Taxation*, Vol. 9 No. 2, pp. 159-183.
- Bebbington, J., Larrinaga, C. and Moneva, J.M. (2008), "Corporate social reporting and reputation risk management", *Accounting, Auditing and Accountability Journal*, Vol. 21 No. 3, pp. 337-361.
- Bloomfield, R. (2008), "Discussion on annual report readability, current earnings, and earnings persistence", *Journal of Accounting and Economics*, Vol. 45 Nos 2/3, pp. 248-252.
- Bowen, R.M., Davis, A.K. and Matsumoto, D.A. (2005), "Emphasis on pro-forma versus GAAP earnings in quarterly press releases: determinants, SEC intervention, and market reactions", *The Accounting Review*, Vol. 80 No. 4, pp. 1011-1038.
- Branco, M.C. and Rodrigues, L.L. (2006), "Communication of corporate social responsibility by Portuguese banks: a legitimacy theory perspective", *Corporate Communications: An International Journal*, Vol. 11 No. 3, pp. 232-248.
- Branco, M.C. and Rodrigues, L.L. (2008), "Factors influencing social responsibility disclosure by Portuguese companies", *Journal of Business Ethics*, Vol. 83 No. 4, pp. 685-701.
- Brennan, N.M., Guillamon-Saorin, E. and Pierce, A. (2009), "Impression management: developing and illustrating a scheme of analysis for narrative disclosures – a methodological note", *Accounting, Auditing and Accountability Journal*, Vol. 22 No. 5, pp. 789-832.
- Campbell, D., Beck, A.C. and Shrivs, P. (2005), "A note on comparative language interrogation for content analysis: the example of English vs German", *British Accounting Review*, Vol. 37 No. 3, pp. 339-350.
- Carter, S.M. and Dukerich, J.M. (1998), "Corporate responses to changes in reputation", *Corporate Reputation Review*, Vol. 1 No. 3, pp. 250-270.
- Cavique, L. (2008), "Legibilidade de artigos científicos: análise de dados da RCC", *Revista de Ciências da Computação*, Vol. 3 No. 3, pp. 9-65.
- Clatworthy, M.A. and Jones, M.J. (2001), "The effect of thematic structure on the variability of annual report readability", *Accounting, Auditing and Accountability Journal*, Vol. 14 No. 3, pp. 311-326.
- Clatworthy, M.A. and Jones, M.J. (2003), "Financial reporting of good news and bad news: evidence from accounting narratives", *Accounting and Business Research*, Vol. 33 No. 3, pp. 171-185.
- Clatworthy, M.A. and Jones, M.J. (2006), "Differential patterns of textual characteristics and company performance in the chairman's statement", *Accounting, Auditing and Accountability Journal*, Vol. 19 No. 4, pp. 493-511.
- Costa, G.A., Oliveira, L.C., Rodrigues, L.L. and Craig, R. (2013), "Factors associated with the publication of a CEO letter", *Corporate Communications: An International Journal*, Vol. 18 No. 4, pp. 432-450.

- Courtis, J.K. (1995), "Readability of annual reports: Western versus Asian evidence", *Accounting, Auditing and Accountability Journal*, Vol. 8 No. 2, pp. 4-17.
- Courtis, J.K. (1998), "Annual report readability variability: tests of the obfuscation hypothesis", *Accounting, Auditing and Accountability Journal*, Vol. 11 No. 4, pp. 459-471.
- Courtis, J.K. (2004a), "Corporate report obfuscation: artefact or phenomenon?", *British Accounting Review*, Vol. 36 No. 3, pp. 291-312.
- Courtis, J.K. (2004b), "Colour as visual rhetoric in financial reporting", *Accounting Forum*, Vol. 28 No. 3, pp. 265-281.
- Falschlunger, L.M., Eisl, C., Losbichler, H. and Greil, A.M. (2015), "Impression management in annual reports of the largest European companies: a longitudinal study on graphical representations", *Journal of Applied Accounting Research*, Vol. 16 No. 3, pp. 383-399.
- Guerreiro, M., Rodrigues, L. and Craig, R. (2012), "Voluntary adoption of International Financial Reporting Standards by large unlisted companies in Portugal – institutional logics and strategic responses", *Accounting, Organizations and Society*, Vol. 37 No. 7, pp. 482-499.
- Hildebrandt, H.W. and Snyder, R.D. (1981), "The Pollyanna hypothesis in business writing", *Journal of Business Communication*, Vol. 18 No. 1, pp. 5-15.
- Hooghiemstra, R. (2000), "Corporate communication and impression management – new perspectives why companies engage in social reporting", *Journal of Business Ethics*, Vol. 27 Nos 1/2, pp. 55-68.
- Hyland, K. (1998), "Exploring corporate rhetoric metadiscourse in the CEO's letter", *Journal of Business Communication*, Vol. 35 No. 2, pp. 224-245.
- Jones, M.J. (1988), "A longitudinal study of the readability of the chairman's narratives in the corporate reports of a UK company", *Accounting and Business Research*, Vol. 18 No. 72, pp. 297-306.
- Kaplan, S.E., Pourciau, S. and Reckers, P.M.J. (1990), "An examination of the effect of the corporate reports of a UK company", *Accounting and Business Research*, Vol. 18 No. 72, pp. 297-305.
- Kennedy, G.A. (1991), *Aristotle on Rhetoric: A Theory of Civic Discourse*, Oxford University Press, New York, NY.
- Leary, M.R. and Kowalski, R.M. (1990), "Impression management: a literature review and two component model", *Psychology Bulletin*, Vol. 107 No. 1, pp. 34-47.
- Linsley, P.M. and Lawrence, M.J. (2007), "Risk reporting by the largest UK companies: readability and lack of obfuscation", *Accounting, Auditing and Accountability Journal*, Vol. 20 No. 4, pp. 620-627.
- Lombard, M., Snyder-Duch, J. and Bracken, C.C. (2002), "Content analysis in mass communication: assessment and reporting of inter-coder reliability", *Human Communication Research*, Vol. 28 No. 4, pp. 587-604.
- Lopes, P. and Rodrigues, L.L. (2007), "Accounting for financial instruments: an analysis of the determinants of disclosure in the Portuguese stock exchange", *International Journal of Accounting*, Vol. 42 No. 1, pp. 25-56.
- Meek, G. and Thomas, W. (2004), "A review of markets-based international accounting research", *Journal of International Accounting Research*, Vol. 3 No. 1, pp. 21-41.
- Merkel-Davies, D.M. and Brennan, N.M. (2007), "Discretionary disclosure strategies in corporate narratives: incremental information or impression management?", *Journal of Accounting Literature*, Vol. 26, pp. 116-194.

- Merkl-Davies, D.M., Brennan, N.M. and McLeay, S.J. (2011), "Impression management and retrospective sense-making in corporate narratives: a social psychology perspective", *Accounting, Auditing and Accountability Journal*, Vol. 24 No. 3, pp. 315-344.
- Mir, M., Chatterjee, B. and Rahaman, A. (2009), "Culture and corporate voluntary reporting", *Managerial Auditing Journal*, Vol. 24 No. 7, pp. 639-667.
- Neu, D., Warsame, H. and Pedwell, K. (1998), "Managing public impressions: environmental disclosures in annual reports", *Accounting Organizations and Society*, Vol. 23 No. 3, pp. 265-282.
- Newman, M.L., Pennebaker, J.W., Berry, D.S. and Richards, J.M. (2003), "Lying words: predicting deception from linguistic styles", *Personality and Social Psychology Bulletin*, Vol. 29 No. 5, pp. 665-675.
- Oliveira, J., Rodrigues, L.L. and Russell, C. (2011a), "Voluntary risk reporting to enhance institutional and organizational legitimacy: evidence from Portuguese banks", *Journal of Financial Regulation and Compliance*, Vol. 19 No. 3, pp. 271-288.
- Oliveira, J., Rodrigues, L.L. and Russell, C. (2011b), "Risk-related disclosures by non-finance companies: Portuguese practices and disclosure characteristics", *Managerial Auditing Journal*, Vol. 26 Nos 8/9, pp. 817-839.
- Oliver, S. (2000), "Message from the CEO: a three-minute rule?", *Corporate Communications: An International Journal*, Vol. 5 No. 3, pp. 158-167.
- Pennebaker, J.W., Mehl, M.R. and Niederhoffer, K. (2003), "Psychological aspects of natural language use: our words, our selves", *Annual Review of Psychology*, Vol. 54, pp. 547-577.
- Porto, J.S., Paiva, T.S.S., Amaral, C.L.F., Rebouças, T.N.H. and Silva, R.A. (2014), "Legibilidade de artigos de um periódico nacional na área do melhoramento vegetal", *Cultivando o Saber*, Vol. 7 No. 2, pp. 205-211.
- Schlenker, B.R. (1980), *Impression Management: The Self-Concept, Social Identity, and Interpersonal Relation*, Brooks/Cole Publishing Company, Monterey, CA.
- Segars, A.H. and Kohut, G.F. (2001), "The president's letter to stockholders: an examination of corporate communication strategy", *Journal of Business Communication*, Vol. 29 No. 1, pp. 7-21.
- Short, J.C. and Palmer, T.B. (2003), "Organizational performance referents: an empirical examination of their content and influences", *Organizational Behavior and Human Decision Process*, Vol. 90 No. 2, pp. 209-224.
- Skinner, D.J. (1994), "Why firms voluntarily disclose bad news", *Journal of Accounting Research*, Vol. 32 No. 1, pp. 38-60.
- Smith, M. and Taffler, R.J. (1992), "The chairman's report and corporate financial performance", *Accounting and Finance*, Vol. 32 No. 2, pp. 75-90.
- Smith, M. and Taffler, R.J. (1995), "The incremental effect of narrative accounting information in corporate annual reports", *Journal of Business Finance and Accounting*, Vol. 22 No. 8, pp. 1195-1216.
- Smith, M. and Taffler, R.J. (2000), "The chairman's statement: a content analysis of discretionary narrative disclosures", *Accounting, Auditing and Accountability Journal*, Vol. 13 No. 5, pp. 624-646.
- Sonnier, B. (2008), "Intellectual capital disclosure: high-tech versus traditional sector companies", *Journal of Intellectual Capital*, Vol. 9 No. 4, pp. 705-722.
- Stanton, P., Stanton, J. and Pires, G. (2004), "Impressions of an annual report: an experimental study", *Corporate Communications: An International Journal*, Vol. 9 No. 1, pp. 57-69.

-
- Subramanian, R., Insley, R. and Blackwell, R.D. (1993), "Performance and readability: a comparison of annual reports of profitable and unprofitable corporations", *Journal of Business Communications*, Vol. 30 No. 1, pp. 49-60.
- Thomas, J. (1997), "Discourse in the marketplace: the making of meaning in annual reports", *Journal of Business Communications*, Vol. 34 No. 1, pp. 47-66.
- Weick, K.E. (1993), "The collapse of sensemaking in organizations: the Mann Gulch disaster", *Administrative Science Quarterly*, Vol. 38 No. 4, pp. 628-652.
- Yuthas, K., Rogers, R. and Dillard, J.F. (2002), "Communicative action and corporate annual reports", *Journal of Business Ethics*, Vol. 41 Nos 1/2, pp. 141-157.

Corresponding author

Jonas Oliveira can be contacted at: jonas.silva.oliveira@iscte.pt

For instructions on how to order reprints of this article, please visit our website:

www.emeraldgroupublishing.com/licensing/reprints.htm

Or contact us for further details: permissions@emeraldinsight.com

Reproduced with permission of copyright owner. Further reproduction prohibited without permission.