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**Overcoming Institutional Voids:
A Reputation-Based View of Long Run Survival**

Cheng Gao

Doctoral Candidate
Harvard Business School, Strategy Unit
Soldiers Field Road; Boston, MA 02163
cgao@hbs.edu; 440.832.1258 (t); 617.496.2203 (f)

Tiona Zuzul

Assistant Professor
London Business School, Strategy and Entrepreneurship Area
Sussex Pl, Regents Park, London NW1 4SA, United Kingdom
tzuzul@london.edu; +44 20 7000 8729 (t); +44 20 7000 7001 (f)

Geoffrey Jones

Isidor Straus Professor of Business History
Harvard Business School, General Management Unit
Soldiers Field Road; Boston, MA 02163
gjones@hbs.edu; 617.495.6337 (t); 617.495.5021 (f)

Tarun Khanna*

Jorge Paulo Lemann Professor
Harvard Business School, Strategy Unit
Soldiers Field Road; Boston, MA 02163
tkhanna@hbs.edu; 617.495.6038 (t); 617.495.0355 (f)

** corresponding author*

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Running Head: Overcoming Institutional Voids

Overcoming Institutional Voids: A Reputation-Based View of Long Run Survival

Research Summary: Emerging markets are characterized by underdeveloped institutions and frequent environmental shifts. Yet they also contain many firms that have survived over generations. How are firms in weak institutional environments able to persist over time? Motivated by 69 interviews with leaders of emerging market firms with histories spanning generations, we combine induction and deduction to propose reputation as a *meta-resource* that allows firms to activate their conventional resources. We conceptualize reputation as consisting of prominence, perceived quality, and resilience, and develop a process model that illustrates the mechanisms that allow reputation to facilitate survival in ways that persist over time. Building on research in strategy and business history, we thus shed light on an underappreciated strategic construct (reputation) in an under-theorized setting (emerging markets) over an unusual period (the historical long run).

Managerial Summary: Why are some firms able to persistently survive in challenging, uncertain, and underdeveloped business environments? To explore this question, we analyze in-depth interviews with leaders of emerging market firms that have survived over decades and even centuries. We find that firm reputation is a key strategic driver, and propose new ideas about the ways reputation facilitates survival. We elaborate how a favorable reputation allows a firm to more fully utilize its existing resources by decreasing uncertainty. We also propose that reputation has offensive and defensive properties that make it valuable to firms during both positive and negative economic cycles. Finally, we discuss why a reputation-based source of competitive advantage is hard to imitate, and outline three general approaches for building reputation.

Keywords: Emerging Markets, Institutional Voids, Reputation, Business History, Intangible Resources

INTRODUCTION

Emerging markets are characterized by institutional voids (Khanna and Palepu, 1997). To survive and thrive over time, firms operating in these markets must respond to unpredictable (but predictably frequent) shocks—political instability, violence, macroeconomic fluctuations, and even war—without the benefit of specialized intermediaries that can analyze market information, facilitate transactions, and provide signals of credibility (Khanna and Palepu, 1997; Khanna and Rivkin, 2001). Doing so can be difficult and failure rates are high; for instance, emerging market banks had an estimated failure rate of 25 percent over a seven year period in the 1990s (Brown and Dinc, 2005). Nonetheless, emerging markets are rife with examples of firms and business groups that have survived over decades, generations, and even centuries. For example, Grupo Bimbo, founded in Mexico in the 1940s, endured national and international turbulence to emerge as one of the world’s largest bakeries; Tata Group was founded in 1868 and developed into a leading Indian business group despite facing colonialism, rebellions, and major social transformations; and Koç Holding, founded in 1926, survived numerous national and regional crises to maintain its foothold as Turkey’s leading business group. Emerging markets thus present researchers with a puzzle: How are firms competing in such weak institutional environments able to persist across time?

Research in strategy has increasingly focused on the relationship between institutions and firm outcomes, proposing that effective strategies depend on and vary across different institutional environments (e.g. Ahuja and Yayavaram, 2011; Garcia-Canal and Guillen, 2008; Hiatt and Sine, 2014; Marquis and Raynard, 2015; Peng, Sun, Pinkham, and Chen, 2009). Scholars have argued that institutions are more than just background conditions (Meyer, Estrin, Bhaumik, and Peng, 2009), and directly influence the strategic actions available to an organization (Ingram and Silverman, 2002). In this view, firms can achieve

and sustain competitive advantage through strategies that overcome, shape, and capitalize on the nature of their institutional environments (Marquis and Raynard, 2015).

Strategies that account for institutional environments might be especially important in emerging markets (Hiatt and Sine, 2014). Emerging markets are replete with institutional voids: they lack institutions that can help facilitate market transactions (Khanna and Palepu, 2010). Banks cannot always ensure access to credit; courts cannot guarantee the enforcement of intellectual property rights; auditors cannot reliably certify a firm's financial operations. As a result, the demands, constraints, and challenges facing firms in emerging markets are different than those facing their counterparts in mature markets. Theories and findings from developed market settings are not necessarily applicable in emerging market contexts (Khanna, 2014; Marquis and Raynard, 2015). Bettis, Gambardella, Helfat, and Mitchell (2014: 3) thus argued that there are "clear opportunities" to develop new theory for institutionally-underdeveloped settings in order to expand our understanding of "world-wide strategic management." This paper builds on one such opportunity.

Motivated by a set of 69 publicly available interviews with the founders and leaders of firms with histories spanning generations in emerging markets across continents, we combine induction with deductive reasoning to propose theory on how firms competing in institutionally weak settings are able to survive over the long run. Through an inductive-deductive theory-building process (c.f. Gavetti and Rivkin, 2007), we propose firm reputation as a key strategic construct in these settings. Driven by our data, we propose that in emerging markets, reputation consists of three elements: prominence, perceived quality, and resilience. The first two elements—prominence and perceived quality—have been established by research in developed markets (Rindova, Williamson, Petkova, and Sever, 2005). We extend this definition by proposing that a previously untheorized component—*resilience* (beliefs about a firm's ability to withstand shocks)—is essential in emerging markets. Our emerging

markets research context allowed us to inductively uncover the importance of resilience, as the lack of institutional intermediaries in such settings sharply illuminated its significance. Particularly, in settings where a firm's survival cannot be taken for granted, and where institutional intermediaries cannot guarantee remediation, the belief that a firm will survive crises to fulfill its obligations is critical in driving stakeholder actions. Thus, by focusing on the context of emerging markets, we both build on and extend existing theory on the meaning of reputation.

We also propose a process model that illustrates the mechanisms that allow reputation to facilitate long-term survival. Because emerging markets feature institutional voids that hinder potential transaction partners from credibly signaling, accessing, and validating relevant information, a key structural feature that deters welfare-enhancing transactions between two parties is *potential transaction uncertainty*. In developed markets, counterparties can rely on mature institutions to decrease uncertainty and hedge against transactional risks, both by guaranteeing quality ex-ante, and by providing remediation ex-post. We propose that, when institutional credibility enhancers and adjudicators are not present, a firm's reputation can provide transactional confidence. This, in turn, can increase the quantity of profit-reaping transactions, allowing the firm to activate its conventional resources. This suggests that, in emerging markets, a positive reputation has cumulative effects: although a favorable reputation is difficult to acquire (and might even develop by chance), it can generate cascading positive feedback loops that can act as a source of sustained survival. We thus propose that reputation is a *meta-resource*, highlighting its higher-order ability to activate and moderate other resources (analogous to meta-routines¹ and meta-knowledge²).

¹ Higher-order routines for changing conventional routines; see Feldman and Pentland (2003).

² Knowledge used to differentiate between the hierarchical levels of knowledge types; see Evans and Foster (2011).

Our process model has implications for theory and practice. We contribute to research on emerging markets (e.g. Guillen, 2000; Henisz, Dorobantu, and Narthey, 2014; Khanna and Rivkin, 2001; Luo and Chung, 2013; Mair, Martí, and Ventresca, 2012; Siegel, 2007) by proposing reputation as a meta-resource that can help firms mitigate and capitalize on institutional voids to attain longevity. We also add to research on reputation as a strategic asset (e.g., Rindova *et al.*, 2005). By deconstructing reputation into three components, theorizing the importance of resilience, and elaborating the mechanisms that connect reputation to survival, we build new theory on how this intangible asset might affect firm outcomes. More generally, our conceptualization of reputation augments theories of strategy suggesting that, in uncertain environments, successful firms enact continuous change (e.g. Eisenhardt and Martin, 2000; Helfat *et al.*, 2009; Helfat and Peteraf, 2003; O'Reilly and Tushman, 2008; Rindova and Kotha, 2001; Teece, Pisano, and Shuen, 1997). We propose that in environments characterized by institutional voids, reputation provides the stakeholder buy-in that enables firms to engage in change.

We thus position reputation as a central concept at the intersection of strategy and emerging markets theory. By proposing a baseline theory of how reputation might affect survival, we hope to inspire future research that extends, refines, tests, and challenges our hypotheses. For instance, although our data illuminated the importance and inter-related nature of three components of reputation—prominence, perceived quality, and resilience—it did not allow us to disentangle the individual effects of these components. We thus focus our theorizing on the impact of reputation as a holistic construct, and hope to motivate research on whether and how these features are connected, conflicting, or reinforcing in driving outcomes in emerging market settings. Similarly, by focusing on long-lived firms in emerging markets, we propose mechanisms that connect reputation to survival for firms across both negative and positive economic cycles. We hope that future research on a larger

sample of firms will build on these ideas to test whether (and how) more or less (favorable) reputation is connected to firm success or failure.

The remainder of this paper is organized as follows. First, we describe current theory on emerging markets. Next, we provide an overview of the relevant literature on reputation. We then outline the methods—an inductive-deductive approach—underlying our theory development. We develop a process model and a series of propositions, illustrated with interview quotes, that position reputation as a meta-resource that allows firms to mitigate and capitalize on institutional voids over time. We conclude by discussing the implications of these propositions for research in strategy.

THE INSTITUTIONAL VOIDS OF EMERGING MARKETS

Definitions of emerging markets vary. The term was first used by the International Finance Corporation in the early 1980s to promote mutual fund investments in developing countries (Van Agtmael, 2007). Since then, various criteria have been used to define emerging markets, including GDP levels, poverty rates, stages of capital market development, and growth potential (Hoskisson, Eden, Lau, and Wright, 2000). Regardless of definition, emerging markets represent an important part of the global economic system: in the past 50 years, emerging markets have nearly doubled their share of world GDP, investment, trade, and private consumption.³ Advancing academic theory and knowledge of this setting has never been more relevant.

We follow Khanna and Palepu (1997, 2010) in defining emerging markets as “transactional arenas” where counterparties cannot easily or efficiently come together due to the absence of specialized intermediaries that support and facilitate transactions between buyers and sellers. Examples of such intermediaries include credibility enhancers (including auditors and third-party certifications), information analyzers (including credit ratings and

³ Rachman G. 2014. The future still belongs to the emerging markets. *Financial Times* 3 February.

Consumer Reports ratings), aggregators and distributors that provide low cost matching services (including banks, trading companies, and labor unions), transaction facilitators (including equity exchanges and platforms such as eBay), and adjudicators and regulators (Khanna and Palepu, 2010). These intermediaries are crucial for facilitating transactions in all markets, because information asymmetry and anticipation of transaction difficulties discourage contracting and exchange. Their absence results in high uncertainty: it is easier to engage in corruption or theft in an environment that lacks functional governance structures, independent checks and balances, transparent reporting standards, and efficient judicial adjudication systems (Hoskisson *et al.*, 2000). Lack of effective political, governance, and regulatory institutions also increases the probability of instability and unrest in the very basic foundations of economic life, which further exacerbates the constraints to exchange. Hence, we define markets as “emerging” when institutional voids (an absence of intermediaries) leaves participants struggling to find ways to bring buyers and sellers together to engage in mutually productive exchange.

Our definition of emerging markets allows us to theorize beyond simply “developing countries,” which research often equates with emerging markets, to all markets that have structural deficiencies due to institutional voids. While a majority of emerging markets today are located in developing countries, many contemporary advanced economies were once themselves emerging markets. An additional advantage of defining emerging markets in structural terms is that doing so allows us to avoid problems of tautology (defining emerging markets as emerging because they have not yet “emerged”), while also allowing for a variety of emerging market forms (Khanna and Palepu, 2010). That is, we conceptualize markets as falling along a continuum featuring different degrees of emergence: at one end, “dysfunctional” markets have an extreme degree of institutional voids, while at the other end, “developed” markets feature few institutional voids.

Strategy research on emerging markets has focused primarily on uncovering the drivers of short-term competitive advantage. One body of research has argued that when institutions are incomplete, incumbents, including business groups, dominate (e.g., Guillen, 2000; Khanna and Palepu, 1997; Khanna and Rivkin, 2001; Luo and Chung, 2005), although there is debate regarding whether this advantage is driven by value creation (Khanna and Yafeh, 2007) or value extraction such as tunneling or corruption (Morck, Wolfenzon, and Yeung, 2005). A related body of work has argued that dominant incumbents can gain competitive advantage through nonmarket actions that can mitigate political hazards, including lobbying (Choi, Jia, and Lu, 2014), stakeholder engagement (Henisz *et al.*, 2014), and corporate social responsibility (Marquis and Qian, 2013). Network-based studies have examined the effect of political ties on outcomes (Zhu and Chung, 2014), and how such effects are moderated by institutional maturity (Shi, Markoczy, and Stan, 2014) and regime shocks (Siegel, 2007) that can transform network contacts from assets into liabilities.

While these studies have illuminated some of the factors associated with competitive advantage in emerging markets over the short or medium term, the drivers of long term survival remain comparatively undertheorized. For example, Khanna and Rivkin's (2001) analysis of business groups showing a positive association between group affiliation and performance was based on a dataset spanning approximately a decade. Henisz *et al.*'s (2014) study on stakeholder engagement employs a dataset spanning 15 years, one of the longest time spans for quantitative studies on this topic. There is little theory on whether mechanisms of competitive advantage are sustainable, replicable, and relevant to survival that persists over generations and centuries. As Jones and Khanna (2006) argued, for emerging market firms, history matters: their survival is dependent on factors and processes that allow them to endure shocks and crises over the long run. We therefore ask: how are some firms in emerging markets able to survive over the long term?

REPUTATION IN EMERGING MARKETS

Two primary bodies of literature have informed the definition of reputation as a strategic construct: an economic perspective, and an institutional perspective (Rindova *et al.*, 2005). The economic perspective on reputation emphasizes its information signaling properties in the context of asymmetric information (Sorensen, 2014), and defines it as observers' expectations about a firm's attributes, and particularly its ability to generate high-quality products (Rindova *et al.*, 2005). In this rational view, reputation is based on inferences from a firm's past actions (Weigelt and Camerer, 1988), and particularly its output quality (Allen, 1984; Clark and Montgomery, 1998; Shapiro, 1983). Complementing the economic perspective, the institutional perspective on reputation emphasizes the importance of social context. In this view, reputation comprises a set of collective beliefs about a firm, shaped partially through the evaluations of high-status institutions (Pfarrer, Pollock, and Rindova, 2010; Raub and Weesie, 1990; Rindova *et al.* 2005). In this view, high-status institutions, including industry analysts (Zuckerman, 1999), media establishments (Pollock and Rindova, 2003), and ratings certification contests (Rao, 1994), engage in evaluations that shape a firm's reputation in the eyes of other stakeholders.

Drawing on both definitions, most strategy research on reputation is grounded in the resource-based view, suggesting that valuable, rare, inimitable, and non-substitutable resources generate competitive advantage (Barney, 1991; Peteraf, 1993; Wernerfelt, 1984). Strategy scholars have typically conceptualized reputation as one of a firm's many intangible resources. For example, Hall's (1993) taxonomy of competitive advantage argued that "reputation of products and company" alongside eight other intangible assets (including trade secrets, contracts and licenses, databases, know-how, and intellectual property rights) can lead to sustainable competitive advantage.

Research building on this view has suggested that a good reputation can strengthen while a bad reputation can harm a firm's performance (Fombrun and Shanley, 1990; Roberts and Dowling, 2002), and that firms that invest in and manage their reputations can gain a competitive edge over their rivals (Agarwal and Helfat, 2009; Rindova *et al.* 2005). Studies have suggested that a favorable reputation can help a firm realize the potential of its resources, enhancing its ability to attract and retain strategic human capital (Turban and Cable, 2003), lowering its cost of capital and increasing its ability to raise financing (Stuart, Hoang, and Hybels, 1999), increasing its ability to choose high quality partners (Dollinger, Golden, and Saxton, 1997) and form alliances (Stern, Dukerich, and Zajac, 2014), and helping mitigate the impact of negative events (Love and Kraatz, 2009). Reputation, signaled through institutional intermediaries such as credibility enhancers, can also reduce transaction costs (Williamson, 1981) for a firm by ameliorating a transaction partner's concerns about the firm's propensity to engage in opportunism

Antecedents of reputation include a firm's financial performance and management practices (Staw and Epstein, 2000), the frequency of its market actions and complexity of its repertoire (Basdeo, Smith, Grimm, Rindova, and Derfus, 2006), its responses to layoffs and downsizing (Flanagan and O'Shaughnessy, 2005), and changing management fashions (Bermiss, Zajac, and King, 2013). Firms can manage and exploit reputation through brands. To assess reputation, buyers "tend to use brand names as signals of quality and value and often gravitate to products with brand names they have come to associate with quality and value" (Herbig and Milewicz 1995: 8). Brands can even induce economies of scale in generating and spreading reputation; for example, a firm with a favorable reputation due to high quality performance in one product can transfer that positive reputation to another product via its brand name (Moorthy, 1985).

Strategy research on reputation has primarily focused on, and was developed in, the context of mature markets. There is limited research on how reputation functions in emerging markets. What dimensions of reputation are important in emerging markets? Is it one of many intangible resources affecting outcomes? Or does it interact with other resources in patterned ways that can lead to success or survival? Even the fundamental assumptions about the ways reputation operates are not necessarily met in settings replete with institutional voids. For example, is perceived quality a key dimension, as the economic view would suggest, in settings where a firm's ability to abide by its agreements or withstand future shocks might be in question? Emerging markets by definition lack the institutional intermediaries that help shape collective perceptions, a core assumption of the institutional perspective on reputation (Rindova *et al.*, 2005: 1034) and even of transaction cost economics (Williamson, 1981). How does reputation operate, given a lack of intermediaries such as credibility enhancers and information analyzers (Khanna and Palepu, 2010)?

One area of research that has explored reputation in the context of emerging markets is business history. Business historians have examined emerging markets from the broad arc of history (e.g., Jones, 2005; Jones, 2013), and have begun to suggest the importance of reputation in allowing firms to achieve sustained, long run success (e.g., Kobrak, 2013; McKenna and Olegario, 2012; Olegario and McKenna, 2013). For instance, Jones' (2000) historical analysis of British multinational trading companies from the eighteenth century to the present day suggested the firms' reputations helped them withstand long run shocks and change their strategies over time. Connell's (2004) research on the long run survival of the Jardine Matheson trading group demonstrated how the group's reputation was leveraged to take advantage of various perceived opportunities. And Pak's (2013) study on J.P. Morgan showed how in the early twentieth century—a time when the U.S. was an emerging market—J.P. Morgan's reputation played a crucial role in facilitating transactions in private

banking, a secretive world characterized by little public information. However, the historical conceptualization of reputation as a key driver of long run survival is undertheorized in strategy.

DATA AND METHODS

We develop our contribution through an approach that combines inductive and deductive reasoning, an analytical process different than that typical of inductive, qualitative research (see Lounsbury and Glynn, 2001; Rindova, Pollock, and Hayward, 2006; Gavetti and Rivkin, 2007 for other examples of similar methods). Our theory was motivated by an analysis of 69 interviews with the founders and leaders of firms featuring histories spanning an average of 73 years, in emerging markets across Central and South America, Africa, South Asia, and the Middle East. Inductive analysis of the interviews revealed the importance of reputation, and suggested initial ideas about how it might promote long term survival in emerging markets. However, given some limitations of the data, and the stock of existing research on reputation and on emerging markets, we engaged in deductive theory-building to develop a process model encompassing both insights from prior research and those first gleaned through the interviews. Our aim is building rather than testing theory: the proposed model can be further refined and validated empirically in future studies.

Data

We analyzed a set of 69 semi-structured interviews, typically ranging from one to two hours, publicly available as part of the “Creating Emerging Markets” project of the Business History Initiative at Harvard Business School.⁴ The respondents were current and former leaders at the CEO, Chairman, or Founder level of top emerging market firms. The mean and median age of both the firms and respondents in our sample at the time of interview was close to 70

⁴ Full data citation listed in the references section. Website: <http://www.hbs.edu/businesshistory/emerging-markets>

years (see Appendix 1 in the online supplement for a full list of firms, respondents, their positions, and summary statistics of the dataset).

The firms were selected through a systematic process that started with identifying the top business firms in a particular emerging market. For each country, a team of academic researchers polled between three and ten country experts (determined by the size of the country) to identify a list of top firms with a living founder or elder leader that has led the firm for at least a decade, and in many cases, multiple decades. By “top firms,” the researchers referred to firms that have survived over the long run, rather than firms with the highest current performance in their industries. Common firms across these different lists were then discussed, and cross-checked with publicly available rankings of the top firms in a country, to generate a final list of sampled firms. During the deliberation process, the researchers targeted respondents over 60 years old to not only reduce respondent bias (older respondents could be more frank since their words no longer affected their career prospects), but also to capture leaders’ and firms’ responses to the many changes—both good and bad—that had occurred in their firms and their emerging markets over the past several decades. The researchers sent out interview requests to a final list of firms; remarkably, the requests were never declined except for logistical reasons (some interviews took several years to schedule and execute, sometimes due to the health issues of the respondents).

The interviews were conducted by a set of professional academic interviewers, trained to follow best practices (including asking non-leading questions, and probing for detail where appropriate). When possible, the researchers travelled to the respondents’ offices to conduct the interviews so that respondents would feel at ease. The interviews began with open-ended questions asking the respondent to describe his or her firm’s development from inception to the present, focusing on the respondent’s own experiences in leading the firm. The questions were carefully worded in order to avoid guiding the respondent down any

particular path. Open-ended questions were followed-up with specific questions to explore the “hows” and “whys” behind each critical issue, decision, or action that the respondents described.

Notably, the researchers conducting the interviews were blind to the purpose of their use in any future studies. This is a strength of our research design and unique in qualitative studies, as it reduces potential sources of interviewer bias (including by attenuating the possibility of confirmation bias). In particular, the interviews were conducted without a focus on reputation as a topic of inquiry—its importance emerged inductively from the data.

We chose to analyze this data set for several reasons. First, the interviews—to our knowledge, the largest set of in-depth academic interviews with the leaders of top firms across the world—provided rare access to the leaders of emerging market firms. In fact, in many cases, these interviews were the first academic research interviews granted by the respondents in their entire careers. They thus provided an opportunity to draw on executives’ perspectives to develop theory on the mechanisms underlying firm activities in emerging markets, especially important given the dearth of both quantitative and qualitative data in this context writ large.⁵

Second, the data provided a unique “theoretical sampling” of the top firms in emerging markets.⁶ The firms and respondents were chosen because of their long histories; they thus represent “unusually revelatory, extreme exemplars” (Eisenhardt and Graebner, 2007: 27) of long-lived firms. Theoretical sampling – particularly of extreme cases (whether notable failures or successes) – is a useful tool for building theory, because it allows

⁵ In fact, the lack of systematic data (quantitative and qualitative) was the motivator of the “Creating Emerging Markets” data collection project.

⁶ Theoretical sampling – that is, the selection of a set of cases based on a theoretical similarity (for instance, a particular organizational configuration (e.g. Battilana and Dorado, 2010), industry and firm age (e.g. Santos and Eisenhardt, 2009), and similar history of success (e.g. Dougherty and Hardy, 1996)) – is commonly employed as the sampling method of choice in research aimed at developing theory. Indeed, because theoretical sampling allows for constant comparison of the processes underlying similarities, it is considered “more important than statistical sampling in an exploratory qualitative study” (Kram, 1983: 611).

researchers to generate insights that might be obscured or absent in typical settings or in large-N, comparative studies (Eisenhardt and Graebner, 2007; Pratt, 2009; Eisenhardt, Graebner, and Sonenshein, 2016). By examining firms with long histories, including periods of success and failure, we hoped to uncover processes that appeared connected to survival, with special attention to the mechanisms that were replicated across multiple cases; our aim was not to propose constructs that explained variance in outcomes. This allowed us to respond to calls for theories on how firms can overcome, and survive, in challenging emerging market contexts—an underdeveloped area of research due to the challenges of obtaining emerging markets data.⁷

Finally, the data provided a high level of transparency and reproducibility. Because the interview transcripts are available from the Business History Initiative website for direct download, our data is transparent and our inductive process is replicable. This is highly unusual in qualitative studies, since full interview transcripts and field notes are usually not available to other scholars.

Of course, the nature of the data also brings up potential limitations. Despite the benefits of theoretical sampling, our choice to analyze firms that have survived over the long run might make it difficult to develop generalizable theory. However, the firms in our sample have experienced both successes and failures in the wide sweep of their histories. Their leaders' appreciation of reputation comes from their exposure to both good and bad times. In the interviews, leaders often mentioned the challenges they had faced, the failures they had experienced, and the mistakes they had made. In other words, there was significant variation in performance within the firms' individual histories, and our theory development benefitted

⁷ On one hand, research examining top firms in this setting typically consists of teaching-oriented case studies, which tend to focus on determinants of success in extreme cases at a particular static point in time (e.g. Ghemawat 2007; Ghemawat and Siegel, 2011). On the other hand, academic work on emerging markets typically comprises large-N quantitative studies that focus on estimating average industry effects of a particular determinant of success (e.g. Douma, George, and Kabir, 2006; Henisz *et al.*, 2014; Khanna and Rivkin, 2001; Tan and Peng, 2003).

from this heterogeneity. In addition, the use of retrospective and public data brings up concerns about respondent bias, including retrospective bias and impression management (Golden, 1992). However, given the seniority of the respondents, the elapsed time between the interviews and the events described helped foster greater candor and openness by the respondents, as interviews generally no longer affected the respondents' careers. Nonetheless, we addressed these concerns by combining inductive analysis with deductive theory-building, as elaborated below.

Inductive data analysis

Given the paucity of research on how firms sustain longevity in emerging markets, we began by engaging in inductive analysis to identify constructs that our respondents believed were critical for survival over time (Edmondson and McManus, 2007). We started our analysis with no a priori theoretical preferences or hypothesis, following the principles of a grounded approach (Corbin and Strauss, 2008; Charmaz, 2014). Our goal was to identify within and across our interviews the patterns, processes, and relationships that appeared connected to survival. We coded the interviews, using the qualitative data analysis software QSR-NVivo to organize our codes, and developed an emergent set of first-order codes that appeared related to success across time and multiple cases. Examples of such codes include professionalization, diversification, political activity, and brands. We then engaged in repeated cycles of coding, iterating between coding and writing analytical memos, to adjust, refine, and cluster the first order codes into second-order theoretical categories, or themes (Corbin and Strauss, 2008). (See Appendix 2 in the online supplement for our data structure).

Through this process, we recognized the importance of a second-order theme we conceptualized as “reputation.” Although never directly asked about reputation, leaders often either mentioned reputation explicitly, or discussed mechanisms and processes related to firm prominence, perceptions of quality, and resilience. (See Appendix 3 in the online supplement

for examples). After iterating between the data and existing theory, we realized that what the respondents were describing most closely matched theoretical conceptualizations of firm reputation. We sharpened our analysis to explicate an anatomy of reputation.

Deductive theory-building process

At this stage, given the constraints of the data and the stock of existing research on reputation and emerging markets, instead of developing theory by solely relying on our inductive analysis, we stepped beyond the interviews and engaged in a deductive theory-building process by synthesizing the emergent theme of reputation with the academic literature. This involved developing the category of reputation to deductively consider, in theoretically generalizable ways, how it might shape long term survival. That is, while the interviews motivated our focus on reputation, we developed our propositions by leveraging resource-based theories of competitive advantage as well as a stream of research in business history that has suggested the importance of reputation in emerging economies in earlier historical periods, including the 18th to 20th centuries. We iterated between the interviews, findings, and this literature to refine our theory development. This cycle of analysis eventually resulted in our proposed conceptualization of reputation as a meta-resource that drives resource activation in emerging markets.

A REPUTATION-BASED THEORY OF LONG RUN SURVIVAL IN EMERGING MARKETS

Emerging markets are characterized by high *potential transaction uncertainty*. Because emerging markets lack intermediary institutions that provide, analyze, and certify information, there is great uncertainty regarding a firm's propensity to abide by its promises, and even its future existence. We conceptualize reputation as a construct that provides firms with *transactional confidence* that overcomes this potential transaction uncertainty through both *defensive and offensive mechanisms*. We propose that these mechanisms increase the

quantity of firm transactions: defensive mechanisms can provide a firm more time to exploit existing business opportunities, while offensive mechanisms can allow a firm to capture new business opportunities. We propose that these mechanisms are valuable during both negative and positive economic cycles; the increased transactions they engender can allow a firm to activate its existing conventional resources in order to fulfill transactions. Synthesizing these findings, we propose that reputation functions as a meta-resource that activates and moderates conventional firm resources. Finally, we suggest that reputation has *cumulative effects*—driven by the difficulty of acquiring reputation and the reinforcing mechanisms at-play once reputation is acquired—and propose that reputation can function as a potential source of persistent survival.

[INSERT FIGURE 1 AROUND HERE]

The challenge of emerging markets: potential transaction uncertainty

Emerging markets are characterized by high levels of *potential transaction uncertainty* that can prevent economic transactions (Khanna and Palepu, 2010). For example, Arturo Acevedo, President of Grupo ArcelorMittal (Acindar), reflected:

“Lack of predictability in Argentina creates uncertainty and this drives companies’ unwillingness to commit resources.”

Across the interviews, potential transaction uncertainty generally took one of two main forms. One was counterparty behavioral uncertainty. A lack of information regarding counterparties and weak institutions for contract enforcement and adjudication created uncertainty regarding whether a firm would abide by the terms of an agreement, including the quality of the output to be exchanged, the timeliness of fulfillment, and the probability of renegeing. This behavioral uncertainty constrained potential transactions. For example, Jose Grana Miró Quesada, Chairman of Graña y Montero (a Peru-based construction and real estate group), noted how a lack of information on whether a counterparty would submit payment for a potential project ultimately prevented the project from occurring. He recalled:

“We won a bid for a bridge... We signed the contract, but [the counterparty] wouldn’t make the advance payment. I remember [the President of Peru] called me and complained, asking why we weren’t working yet. I told him, ‘Mr. President, we haven’t received the down payment. How could we start working?’ ... That bridge was never built.”

In another example, Dionisio Garza Medina, Former President and CEO of Alfa S.A.B. (a multinational Mexican business group), recalled how a multinational business partner, AT&T, lost faith in its joint telecom investments in Mexico after its other partners ignored or obstructed the terms agreed to in contracts. There was little AT&T could do in response, due to the lack of independent legal institutions, an insidious institutional void:

“[After a promised telecommunications reform] we partnered with AT&T, with the dream that the business was going to grow significantly... We invested one billion dollars between both companies... Then we realized that what was written in the law was not going to be enforced in real life... The President of AT&T said, ‘In your country I will not spend another cent, because laws are not enforced’ ”

Another type of transaction uncertainty was environmental uncertainty: even when both parties to a transaction acted according to their agreements, frequent environmental shocks (including regulatory and political shocks, expropriation, coups, chaos, wars) still posed a threat. For example, Arturo Acevedo, President of Grupo ArcelorMittal—Acindar (the leading producer of long carbon steel in Argentina), recalled:

“The second crisis, which I consider the toughest, was the 1978-1981 period, the time of the guerrilla-military war in Argentina... All plants along that strip were deeply affected. The guerrillas killed several of our managers and took over our plants, and the military would walk into our plants to get guerrilla fighters out. It was a terrible time.”

Because of these shocks, firms faced the risk that their operations – or the operations of their partners, suppliers, and buyers – would cease to exist or become severely disrupted.

For example, Dionisio Garza Medina (CEO of Alfa S.A.B.) recalled:

“In 1979 I was full of dreams and aspirations... In 1981, I was in technical bankruptcy... [This was] a period of high interest rates... Mexico suffered devaluation... There was high inflation; the interest rates went up from 5% to 15%, devaluation of the peso, price controls: we [thought we] were dead!”

The constant possibility of debilitating environmental shocks such as negative regulatory actions often weighed heavily on firms in emerging markets. For example, Hakeem Belo-Osagie, Chairman of the Nigeria-based United Bank for Africa (one of Africa's leading multinational financial institutions), emphasized how the burden of managing against political risks and regulatory uncertainty in the absence of institutions required dedicating significant organizational resources and constant attention:

“The biggest challenge in Africa...is that you constantly have to manage... the regulatory agencies... Things can go horribly wrong if you do not manage that aspect very well.”

In the examples above, the challenge for each firm, as its leaders described, was mitigating potential transaction uncertainty. To engage in exchanges, customers and partners had to believe that the firm could overcome both behavioral uncertainty (that it would act in accordance with agreements) and environmental uncertainty (that it would withstand shocks and ensure business continuity). In developed markets, credible information analyzers and verifiers as well as stable and independent regulatory, political, and legal institutions help mitigate such concerns. In emerging markets, firms have to overcome potential transaction uncertainty to engage in business despite the absence of such institutions.

Reputation provides transactional confidence

We propose that a firm's reputation can help to both overcome and capitalize on transaction uncertainty. Voids in institutions ensure that in emerging markets, there is no guarantee that a firm will abide by its agreements, or continue to operate in the face of environmental shocks. To engage in transactions with a firm, stakeholders have to *believe* the firm will both honor its promises and withstand shocks. A favorable reputation can act as a credible signal that helps mitigate uncertainty and provides transactional confidence. We propose that, in emerging market settings, reputation consists of prominence, perceptions of quality, and resilience.

For instance, Savannah Maziya, group CEO of Bunengi Holdings (one of Africa's leading infrastructure and mining conglomerates), emphasized how the firm's success in its first mining project led to prominence that cascaded into enormous opportunities over time:

"I think getting our first mine was a game-changer... Then that just leapt into other projects and leapt into other opportunities. We are today who we are based on that first project, because it proved to everybody... that we could do this kind of business."

Guillermo Murchison, CEO of Murchison S.A. Estibajes y Cargas (a large port services and warehousing firm based in Argentina), summed up the importance of a reputation for quality of products, behaviors, and adherence to promises in operating in an environment replete with institutional voids:

"They [clients] trusted me; they knew we always did everything the right way. The company still enjoys a great reputation. People value those things."

Finally, Antonio Madero (Founder, Chairman and CEO of Sanluis Corporation, a leading Mexico-based automotive parts maker), emphasized the importance of having a reputation for resilience, or the ability to withstand challenging and unexpected shocks, built through the firm's response to prior challenges:

"After the crisis of 2009, the orders increased and our growth rate over the following 5 years is 21 percent per year. Why? Because we have the trust of our clients who saw how we managed to overcome the crisis."

Keshub Mahindra, the former Chairman of the Mahindra Group (a leading multinational Indian business group), echoed this sentiment, noting that the firm's reputation stemmed from the fact that stakeholders saw, "in spite of very difficult conditions, we are able to do business." In emerging markets, perceived resilience is critical because a firm's continual existence is certainly not something taken for granted. As Arturo Acevedo, President of Grupo ArcelorMittal, noted:

"Argentina is a very unpredictable country... and we are managing to survive, which is certainly no easy thing."

As the above quotes illustrate, firms with prominence, a reputation for delivering quality products and engaging in quality behaviors (including honoring agreements), and having resilience (including surviving prior environmental challenges), can build transactional confidence. We thus offer the following proposition:

Proposition 1: In emerging markets, a favorable reputation – comprising prominence; beliefs about quality; and beliefs about resilience – can help firms overcome and capitalize on informational voids by reducing potential transaction uncertainty.

Transaction confidence operates through defensive and offensive mechanisms

We propose that, by providing transactional confidence, reputation affects firm outcomes through two mechanisms. By reducing potential transaction uncertainty, a favorable reputation can allow a firm to (1) overcome institutional voids by buffering against threats (the defensive mechanism); and (2) capitalize on institutional voids by generating new opportunities (the offensive mechanism).

Defensive mechanism: Buffering against threats

First, a favorable reputation can buffer a firm against threats by allowing for flexibility in its responses. By providing transactional confidence, a favorable reputation can convince counterparties that a firm is acting in an appropriate and trustworthy way. In emerging markets, firms will have to adapt in response to threats and shocks to survive; a favorable reputation can ensure adaptations are not seen as signals of behavioral drift that dissuade future transactions.

For example, when the Mahindra Group's auto division had to lay off 500 people due to weak demand, there were no riots or turmoil because the community trusted that there must have been a good reason for the layoffs, given the reputation that the Mahindra Group had cultivated with the local community over time. This was despite India's history of industrial strife, often marked by labor union militancy. A riot or turmoil would have severely disrupted the Mahindra Group's ability to exploit its business model and engage in

transactions. Keshub Mahindra, former Chairman of the Mahindra Group, contrasted his firm's peaceful layoff against another factory's more turbulent layoff that was marked by resentment-fueled strikes. He emphasized how the group's favorable reputation allowed it to buffer against a demand shock by giving it more flexibility and leeway to adapt and operate:

“Last week, we laid off 500 people because of [low] demand in the auto industry. Apart from a little thing in the papers, no one cared because...they trust us. They know that we would not have done this unless we had good reasons. The building of trust and confidence has been our most useful tool.”

Julio Werthein, Founder of Grupo Werthein (one of the largest diversified business groups in Argentina), also emphasized how his firm's reputation shielded it from domestic crises that lowered general investor trust in Argentina. When asked whether domestic crises jeopardized his operations abroad, Werthein emphasized that: “That was no problem, because people trusted our management.” As the quotes illustrate, in emerging markets, a firm's reputation can allow it to respond to threats without inspiring stakeholder doubts about its intentions or its future trajectory.⁸

Offensive mechanism: Capitalize on new opportunities

Second, a favorable reputation can allow a firm to attract new customers and partners, and thus generate new opportunities. For instance, Adi Godrej, Chairman of the Godrej Group (one of India's largest diversified business groups) described how the group was able to leverage its reputation to enter into transactions with customers in new industries:

“We did... better than most Indian businesses because we were among the few [that] had a strong brand...we used the family name...in the branding. Our cupboards were called Godrej Cupboards, our refrigerator was a Godrej Refrigerator, and our locks were Godrej Locks... So the Godrej brand ran across many categories...it became a well-known name. For example, our real estate development business has leveraged the brand strength very well. That helps us considerably.”

⁸ Another example that underscores this point is Khanna, Palepu, and Herrero's (2007) case study on Tetra Pak Argentina, a multinational food packaging and processing company of Swedish origins. When the Argentinian currency collapsed, Tetra Pak was still trusted by the market due to its favorable reputation as a firm that acted in accordance with its promises. As the case notes, this played a key role in its survival.

A favorable reputation can also allow firms to develop relationships with new partners. For instance, Suresh Krishna, chairman of Sundram Fasteners (the largest maker of industrial fasteners in India and a constituent company of TVS Group, one of India's leading industrial business groups), recalled the importance of reputation from his affiliation with TVS group that allowed him to get his "foot in the door" when he first launched Sundram Fasteners. Despite having the technological capabilities, it was the reputation of TVS, a trading and distribution oriented business group, that allowed Krishna to gain the access to transaction partners to exploit his technology and resources and thus successfully build a manufacturing oriented business. Krishna recalled:

"It was a great platform. TVS had already been in existence for 50 years in 1962... That helped a lot in at least getting your foot into the door... Saying they knew who I was, and they knew TVS meant something. I didn't have to explain the group; everybody knew the group. It was a tremendous advantage. The minute they saw TVS, they'd say, 'Okay,' and all doors opened... If I had been an independent, stand-alone, fresh out of school entrepreneur, I think the journey would have been 100 times more difficult."

Additionally, Fazle Hasan Abed, the founder and Chairman of BRAC (a Bangladesh-based development organization that is the largest NGO in the world by number of employees), emphasized that BRAC's positive reputation was instrumental in facilitating growth from Bangladesh into new geographies worldwide.

"We have a reputation of being able to deliver whatever we promise, and that helps us... As soon as we went to Afghanistan [from Bangladesh] in 2001, everybody flocked to fund BRAC, because we had the reputation."

In the examples above, leaders emphasized that the extent to which they capitalized on an opportunity—whether in a new market or with new partners—depended on how much counterparties (businesses or consumers) knew them, trusted the quality of their products and behaviors, and believed in their ability to overcome shocks and crises. This notion is consistent with studies showing that business groups with strong reputations are most likely

to capitalize on new opportunities that emerge during policy shocks that result in market liberalization (Khanna and Palepu, 1999; Ghemawat and Khanna, 1998).

Thus, we propose that in emerging markets, reputation—by reducing transaction uncertainty—buffers firms against threats, and enables them to capitalize on new opportunities. We summarize this in the following two-part proposition:

Proposition 2a: In emerging markets, by reducing potential transaction uncertainty, a favorable reputation buffers a firm against threats.

Proposition 2b: In emerging markets, by reducing potential transaction uncertainty, a favorable reputation enables a firm to capitalize on new opportunities.

Defensive and offensive mechanisms increase quantity of transactions

We propose that the defensive and offensive mechanisms of reputation increase the quantity of a firm's transactions, allowing a firm to activate its conventional resources.⁹ By buffering against threats, the defensive mechanism can provide a firm with more time to exploit existing business opportunities, increasing its quantity of transactions. For example, the Mahindra Group's reputation provided the firm with time to exploit its business opportunities, even when other firms in India were unable to do so. Keshub Mahindra noted:

“Overseas, when you have a fall in demand you can lay off people.... In India, you can hardly ever do that, so even if you are facing a low-demand situation, you are stuck with the cost of labor.”

In this case, Mahindra Group's favorable reputation uniquely allowed it to adapt to negative demand conditions by laying off people, so that it could continue to operate and exploit its business model to increase transactions. In contrast, competitors without such a favorable reputation would be greatly constrained from adapting via layoffs, since labor union militancy in response to a layoff could severely disrupt operations.

⁹ For simplicity, we focus on quantity and abstract away from the potential impact on the “quality” of a firm's transactions. For brevity, we can think of a notion of “quality-adjusted” quantity, which we do not explore in this study but see as a promising area for further research.

By allowing a firm to capture new business opportunities through attracting new customers and partners, offensive mechanisms can directly increase the quantity of transactions that a firm captures. More transactions to execute means greater utilization of otherwise idle resources. For example, when Godrej Security Safes leveraged its reputation to move into the refrigerator sector, new refrigerator orders meant Godrej had to increase its utilization of its conventional resources in order to fulfill these new transactions.

We thus propose that these mechanisms allow firms to increase the quantity of their transactions under both positive and negative macro-economic conditions. The leaders interviewed had steered their firms through positive and negative times, across periods of economic boom and bust. During challenging economic cycles, the defensive mechanism allowed their firms to engage in adaptation, including downsizing, without compromising stakeholders' confidence. During times of boom, the offensive mechanism allowed the firms to attract new customers, partners, and engage in further expansion. We summarize this in the following proposition:

Proposition 3: In emerging markets, by buffering against threats and allowing for new opportunities, a favorable reputation increases a firm's quantity of transactions.

Reputation as a meta-resource that moderates conventional resources

We thus propose that reputation is a meta-resource that moderates the degree to which a firm can activate its conventional resources. In emerging markets, because high potential transaction uncertainty discourages transactions, having strong inputs and capabilities for producing output is not enough to ensure a firm will attract customers and partners. We suggest that, unless a firm is able to leverage its reputation to attract counterparties in the absence of institutional guarantors, its resources and capabilities—no matter how powerful—will remain idle and unused. This notion was succinctly summed up by Rahmi Koç, Chairman of Koç Holding (Turkey's largest diversified business group):

“Perception is most important. You can have good items, but if your brand is not associated with quality and history, you do not get satisfactory margins.”

As this quote illustrates, the inter-related nature of reputation’s underlying components – prominence (in Koç’s words, “perception”), perceptions of quality (“quality”), and resilience (“history”)—can facilitate survival.

We conceptualize reputation as a meta-resource because of its high order ability to activate, leverage, and moderate other resources. The use of the “meta” label is analogous to work on organizational routines differentiating between lower-order operative routines and higher order decision procedures—meta-routines— consisting of routines for changing conventional routines (Feldman and Pentland, 2003). Similarly, in evolutionary economics, meta-routines are viewed as the genes of an organization—higher-order routines that affect, constrain, and influence generic firm activity patterns (Nelson and Winter, 1982). We summarize this idea with the following proposition:

Proposition 4: In emerging markets, a favorable reputation acts as a meta-resource that allows a firm to activate its conventional resources.

Cumulative effects: Reputation as a basis for long run survival in emerging markets

Having proposed the ways that reputation enables firms to overcome and capitalize on institutional voids in volatile institutional environments, our hypotheses give rise to an additional question: if reputation is so important, how can it be a source of sustained survival? In other words, why should there exist a heterogeneous distribution of reputation across firms, instead of a situation of competitive parity, where all firms invest in reputation and thus with competition the heterogeneity in reputation disappears over time? Reconciling insights from the interviews with theories of competitive advantage, and the resource-based view in particular, we propose that reputation has persistent and sticky effects because, first, acquiring reputation without an extant base of reputation is exceedingly difficult, and second, once acquired, reputation begets more reputation.

First, we suggest that, to acquire reputation, firms not only have to be able to produce good quality output, but also needed to focus on managing perceptions of resilience. That is, firms have to convince stakeholders that they are likely to persist and thrive over time. For example, Rafael Guilisasti Gana, Vice Chairman of Viña Concha y Toro (Latin America's top producer of wine), noted the complexity involved in building reputation. As his statement indicates, doing so involved not just making quality wines, but also influencing stakeholder perceptions of the firm as one deeply embedded in its industry and value chain:

“To meet that requirement, you need to make quality wine... but... it's not just about explaining quality, but also about aspiring to international recognition and endorsement—not from consumers themselves, but from the entire distribution chain: wine critics, restaurants and on- premise consumption.”

Acquiring reputation without an extant base of reputation is likely to be difficult. Research suggests that it may involve contributions to the public good. Because this process is complex, time consuming, expensive, and require expertise to execute, it may be difficult to imitate (e.g., Henisz *et al.*, 2014; Khanna and Palepu, 2004). Often, a firm's early reputation may thus emerge through luck. For example, Adi Godrej (Chairman of the Godrej Group) noted that the reputation of the Godrej name was actually initially propelled by a lucky shock:

“We were helped tremendously by a major explosion in the Bombay docks during the Second World War. There was a ship carrying ammunition which exploded in the docks, and it created major damage in the Fort area of what was then Bombay. A lot of offices suffered destruction and many of the British safes were destroyed, whereas almost all the contents of our safes were perfectly alright. And that led to great success later for our safe business.”

After this, Godrej noted that the Godrej name became well-known, and because of its reputation for quality, the firm was able to successfully expand its product portfolio into many new and different industries. This example not only illustrates the role that luck often plays in bestowing reputation, but also suggestively highlights the causal direction of reputation in affecting outcomes.

Although it might be difficult to acquire initially, we also propose that, once initiated, reputation can be reinforced in cascading positive feedback loops. Having a favorable reputation might lead to more opportunities, which can further increase reputation, which can lead to even more opportunities, and so on. For example, Antonio Madero, Founder, Chairman and CEO of Sanluis Corporation, noted how having a level of favorable reputation helped build more reputation via self-reinforcing positive feedback loops:

“Everything is public in the business world. If you are successful in your own business...then you acquire an outstanding reputation...and people will pay attention to what you have to say... We are growing in what we do globally; we are adding product lines directed toward the same type of customer because we already have a very good reputation.”

Thus, acquiring and developing reputation is likely to be a time dependent and socially complex process. While this might make reputation difficult to acquire, it also suggests that reputation is potentially a durable source of sustained advantage (Barney, 1991; Peteraf, 1993). Moreover, the potentially reinforcing nature of reputation underscores its importance in emerging markets. As its effects compound over time, reputation can build ever-growing confidence that a firm will overcome institutional voids; that is, over time, reputation can become an increasingly credible signal reducing potential transaction uncertainty. We thus propose that a firm’s reputation can serve as a core basis of strategy for competing in emerging markets. We synthesize via the following proposition:

Proposition 5: In emerging markets, a favorable reputation can be a source of long term survival.

DISCUSSION

In this paper, we theorize reputation as a driver of long term survival in emerging markets. We propose that, in emerging markets, a favorable reputation can act as a meta-resource that moderates whether a firm can activate its conventional resources, and illuminate the mechanisms that connect reputation to long run survival. Specifically, we propose that reputation is crucial for survival in emerging markets, because it allows firms to overcome

and capitalize on the transaction uncertainty created by institutional voids. We propose that reputation is a unique strategic construct in emerging markets in that, through its offensive and defensive channels, it can be beneficial regardless of whether a firm is on the upswing or downswing of a volatile cycle. Furthermore, reputation's socially-complex and intangible nature implies both a high barrier to imitation and reinforcing feedback loops that facilitate increasing returns over time; we propose that reputation can thus allow firms to survive and persist over generations.

In developing this theory, we contribute to a growing literature on institutional voids in emerging markets (e.g. Guillen, 2000; Henisz, Dorobantu, and Narthey, 2014; Khanna and Rivkin, 2001; Luo and Chung, 2013; Mair, Martí, and Ventresca, 2012; Siegel, 2007). Our conceptualization of reputation as a meta-resource provides a mechanism-based view into one way that institutional voids might be mitigated and leveraged as a source of advantage. At a more general level, we contribute to knowledge on how intangible assets affect organizational outcomes, responding to Pfarrer *et al.*'s (2010: 1145) call for scholars to develop theory that “precisely specify and capture the type of intangible asset studied and the context within which its effects are investigated” in order to gain “greater insights into the mechanisms through which intangible assets provide competitive advantages.” In so doing, we augment existing theories of strategy that stress the importance of continuous change. For example, research on the importance of dynamic capabilities emphasizes that firms can adapt to changing environments across time by changing, organizing, and recombining resources, capabilities, and routines (e.g. Teece, Pisano, and Shuen, 1997; Eisenhardt and Martin, 2000; Rindova and Kotha, 2001; Helfat and Peteraf, 2003; Helfat *et al.*, 2009). We propose reputation can be an antecedent that allows firms to engage in change. We suggest that reputation, at its core, provides stability (maintaining a favorable reputation engenders transactional confidence due to the stable informational cues it provides); we propose that it

is this very stability that provides a spring-board for firms to reorient resources to adapt to a changing environment. The example of the Mahindra Group illustrates this idea: when Mahindra had to lay off 500 people to adapt to changing market conditions, they were able to do so without interference from the community because of their favorable reputation, while layoffs by other firms elsewhere were met with unrest and angst.

Building reputation

Our theory also managerial implications for firms hoping to build reputation in emerging market settings. Given the importance of reputation for firm outcomes, understanding how reputation is built has direct implications for firm strategy. However, research on how firms develop reputation is surprisingly underdeveloped. Our theory suggests that, in emerging markets, firms might benefit from a reputation not only for producing quality products, but also for withstanding environmental shocks. This implies three general—though not mutually exclusive nor collectively exhaustive—approaches for firms without reputation to attain reputation: (1) through serendipity; (2) through providing a solution to a pressing need (thereby filling an institutional void); or (3) through partnerships. Further research elucidating and testing these mechanisms can have important implications for knowledge on firm strategy in emerging markets.

Building reputation through serendipity

In developed markets, firms without reputation can build up reputation by performing well—that is, demonstrating their quality—in certification contests (Rao, 1994). However, the challenge for firms trying to build reputation in emerging markets is that these settings lack precisely the information analyzers and certifiers that can credibly evaluate and rate firms (Khanna and Palepu, 2010). Moreover, in these settings, having high quality products is not enough: firms must also engender beliefs in their ability to persistently deliver such quality in the face of a shifting environment. Our data suggest that one way firms attain and

develop reputation is through serendipity: exogenous shocks that allow firms to demonstrate their adherence to promises, and their ability to survive despite uncertainty. For instance, in the Godrej example, the Bombay mine explosion was a major news event, and because Godrej's safe was the only safe that survived the explosion, it allowed the firm to not only gain salience (being known), but also become known for resilience (the ability to survive shocks). The channel for acquiring salience and demonstrating quality here is the prominence of the exogenous news event: a mine explosion that gained the attention of many stakeholders. We see great potential for future research to explore the role of luck in building reputation and engendering success and survival in emerging market settings.

Solution-driven approach: Filling institutional voids

While we propose that a favorable reputation can help firms overcome institutional voids, our theory also suggests that filling an institutional void can be another general approach that helps firms build reputation. Because institutional voids affect a large number of stakeholders, a firm that fills a void will likely gain the stakeholders' attention. And because filling the void will also require adherence to promises and stability, it will likely build and influence stakeholders' perceptions about the firm's potential for future survival.

One example of this from our interviews is provided by BRAC, the Bangladeshi-based organization that is now the world's largest NGO. BRAC acquired a reputation in the economic development community for being a judicious steward of funds and an entity that would credibly deliver on its promises. The formation of this reputation goes back to the organization's founding. In the early 1970s, as the area that is now known as Bangladesh reeled from a devastating cyclone in 1970 and a formal separation from Pakistan in 1971, BRAC's founder, the former head of Shell in the region, obtained a grant from the British foundation, Oxfam, to build houses for rehabilitation purposes. He ensured that his small team over-delivered on his promises by building more houses than promised and by offering

to return unused money. Since then, BRAC has invested over more than four decades in being seen, among other things, as a credible entity. In the emerging markets environment where it is hard to assess the credibility of potential arms-length transaction partners, BRAC acquired a reputation by filling this institutional void that transcends conventional industry boundaries.

Partnership-driven approach

A third general approach to building reputation might be through leveraging the existing reputation of an established firm to use for one's own benefit, including through a mutual arrangement such as an affiliation or alliance. For example, when Sundram Fasteners was launched from scratch, its founder leveraged its affiliation with the reputable TVS Group, reminding every counterparty he interacted with that his venture was affiliated with TVS, which provided the founder great access to potential suppliers and customers. Prior research has suggested that new firms can build reputation by partnering with multiple, well-established firms (e.g. Stuart *et al.*, 1999). We propose that doing so might be especially important in emerging market contexts, where affiliation can signal that a firm is likely to keep its promises and is likely to survive environmental maleficence. However, the difficulty of this approach is that acquiring affiliation and partnership with reputed establishment firms is not a trivial matter (since establishment firms often have little incentive to affiliate with an unknown entity). In our data, for example, we observe that reputation-building affiliations and partnerships are often driven by kinship ties.

Cumulative effects of building reputation

More generally, our theory suggests that firms in emerging markets should prioritize building reputation as a strategic objective early in their development. The cumulative effects of reputation suggest timing is particularly important: once a firm has a stock of reputation, it becomes easier to develop even more reputation. While we outlined above three general

approaches for acquiring reputation, each approach is challenging. Luck is unpredictable and hard to plan for, filling an institutional void is inherently complicated (if it were easy, there wouldn't be a void), and getting a reputable firm to commit to a partnership is difficult (since it requires an agreement where both parties have aligned incentives). Thus, because it is difficult to acquire reputation, and since reputation is socially complex and thus needs to be cultivated over time, having an early start might be key. We see great scope for future research to further unpack and integrate these divergent approaches.

OPPORTUNITIES FOR RESEARCH

The purpose of our study was building theory; we hope that improvements in the availability and quality of data will eventually allow scholars to empirically test our theoretical propositions. Our study cannot reliably dismiss all possible alternative explanations (for instance, the existence of processes or mechanisms driving both reputation and longevity), and cannot entirely account for potential endogeneity or reverse causality. To test the proposition that reputation is a meta-resource, empirical studies in institutionally-weak environments should interact a firm's reputation measure with its measure of conventional resources in estimating performance, while controlling for alternative explanations and reverse causality. We propose that the coefficient on the interaction term should be positive.

We also hope future research will build on and extend our ideas. First, we do not explore the potential downsides of favorable reputation, or the potential benefits of a negative reputation. Future studies could explore whether firms with negative reputations can navigate institutional voids in alternative ways (for instance, through crony capitalism) to achieve the same outcomes (for instance, accessing capital from the state instead of markets (Leuz and Oberholzer-Gee, 2006)). Second, we do not consider what occurs when a firm has a different reputation among different stakeholders: for example, a positive reputation with consumers and suppliers, but a negative one with environmental activists. We thus see the development

of a deeper understanding of the “liability of reputation” (Pfarrer *et al.*, 2010; Rhee and Haunschild, 2006), and the relationship between favorable and non-favorable reputations in emerging markets, as important areas for future research. Third, because our data was constructed through theoretical sampling, we cannot examine whether there are firms that have survived over the long run despite lacking strong favorable reputations, and whether there are firms that failed in spite of possessing strong favorable reputations. Future research can further refine our theory by examining instances where a favorable reputation did not forestall failure, and the lack of favorable reputation did not constrain success.

Additionally, while we propose that reputation can be broken into three component factors—prominence, perceptions of quality, and resilience—we cannot separate their isolated effects on a firm’s overall reputation, or on its long-term survival. Many of the respondents emphasized the importance of the cumulative, reinforcing nature of these components in driving long-run survival. In theorizing the effects of reputation as a cohesive construct, we thus follow qualitative studies that aggregate multiple codes into an overarching construct that serves as the basis for theorizing (e.g. Huy, 2011; Fauchart and Grueber, 2011). Reputation’s components are likely reinforcing, and characterized by nonlinear relationships such as self-reinforcing feedback loops. Moreover, stakeholder action may be driven by their overall, aggregate perceptions of a firm. Nonetheless, we hope our propositions can motivate future studies testing the impact and relative importance of each component, and on disentangling their complex relationships. When, if ever, will resilience matter more than prominence and perceptions of quality? Does this vary across the stages in a firm’s, industry’s, or emerging market’s state of development?

Finally, by considering only emerging market settings, we do not explicitly theorize the comparative effects of reputation in emerging versus mature markets. The idea of reputation as a meta-resource is consistent with studies in mature markets showing that

reputation can help a firm realize the potential of its other resources (e.g. Dollinger, Golden, and Saxton, 1997; Stuart *et al.*, 1999; Turban and Cable, 2003; Love and Kraatz, 2009; Stern *et al.*, 2014). Nonetheless, our model suggests that reputation's ability to mitigate and capitalize on institutional voids would be significantly less transparent (and at the theoretical extreme, even redundant) in developed markets, where mature market institutions (such as information analyzers, credibility enhancers, functional adjudication mechanisms, ex-post watchdogs et cetera) reduce the risks of transacting with unknown parties. Structurally, this suggests that the greater the extent and degree of institutional voids in an environment, the greater the upside of reputation's meta-resource effects will be. We see potential for large-scale quantitative studies to compare the effects of reputation on survival or performance in emerging markets and in more developed settings.

We thus shed light on the importance of an underappreciated construct (reputation) in an under-theorized setting (emerging markets) over an unusual period (the long run), in the hopes of motivating future research. Given the fluctuations of successes and failures in modern emerging economies, the increasing interdependence between emerging and developed economies, and the lack of theory beyond developed market settings (Bettis *et al.*, 2014), developing academic theory on how success can be attained and sustained in institutionally-underdeveloped environments has never been more important. We hope our proposed theory is a first step in motivating further research and practice in this vein.

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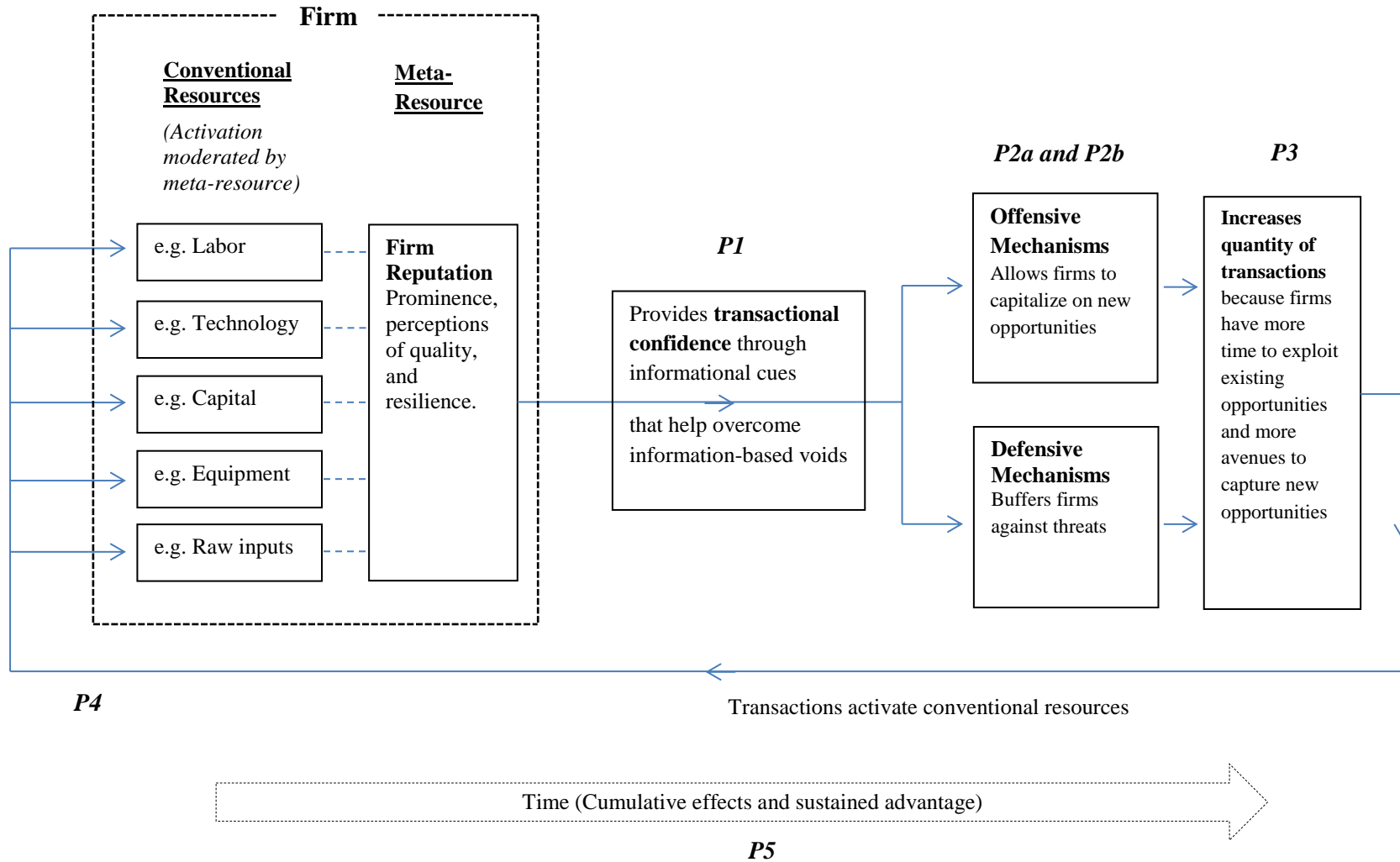
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Figure 1. Proposed anatomy of reputation as a meta-resource in emerging markets



[ONLINE SUPPLEMENT] Appendix 1: Interviews analyzed and summary statistics

Name	Position	Industry	Country
Kwasi Abeasi	CEO, Africa Investconsult Ltd.	Financial Services	Ghana
Fazle Hasan Abed	Founder and Chair, BRAC	Microfinance, Development	Bangladesh
Arturo Acevedo	President, Grupo ArcelorMittal—Acindar	Steel, Mining	Argentina
Abbas Akbarally	Chairman, Akbar Brothers	Diversified	Sri Lanka
Hamdi Akin	Founder and Chairman, Akfen Holding	Construction, infrastructure	Turkey
Roberto de Andraca	Chairman, Cap S.A.	Steel	Chile
Roberto Angelini Rossi	Chairman, Empresas Copec S.A. and AntarChile S.A.	Petroleum, Forestry, Fishing	Chile
Gülsüm Azeri	Group President, Şişecam; CEO, OMV Petrol Ofisi (current)	Chemicals and glass; Petroleum	Turkey
Alberto Bailleres	CEO, Grupo Bal	Diversified	Mexico
Rahul Bajaj	Chairman, Bajaj Group	Diversified	India
Hakeem Belo-Osagie	Chair, United Bank for Africa (currently with Etisalat Nigeria)	Financial services	Nigeria
Alberto Benavides de la Quintana	Founder and Chairman, Compañía de Minas Buenaventura	Mining	Peru
Jorge Born	Former President, Bunge y Born (now Bunge Limited)	Agribusiness, Food	Argentina
Cem Boyner	CEO, Boyner Holding	Retail	Turkey
Federico Braun	President and Chairman, Sociedad Anónima Importadora y Exportadora de la Patagonia (SAIEP) (La Anónima)	Supermarkets	Argentina
Manu Chandaria	Chairman and CEO, Comcraft Group	Steel and Aluminum	Kenya
Ricardo Claro	Chairman, Claro Group (defunct; main company, Compañía Sud Americana de Vapores S.A.)	Shipping	Chile
Nalli Kuppuswami Chetti	Chairman, Nalli Silk Sarees	Textiles, retail	India
Paulo A. Cunha	Chair, Grupo Ultra	Petroleum and Natural Gas; Chemicals	Brazil
Felipe Antonio (Tony) Custer	CEO, Corporacion Custer	Food, Chemicals	Peru
Hubert Danso	CEO and Vice Chairman, Africa Investor	Financial Services, Media	South Africa
William Engels	Member of the Board, Bunge Limited	Agribusiness	Argentina
Andre Esteves	CEO, BTG Pactual	Financial Services	Brazil
Dionisio Garza Medina	Former President and CEO, Alfa S.A.B. de C.V.	Diversified	Mexico
Jorge Gerdau Johannpeter	Chairman, Gerdau Advisory Council; former CEO, Grupo Gerdau	Steel	Brazil
Adi Godrej	Chairman, Godrej Group	Diversified	India
Jose Grana Miró Quesada	Chairman, Graña y Montero	Construction, Real Estate	Peru
Rafael Guillisasti Gana	Vice Chairman, Vina Concha y Toro S.A.	Wine	Chile
Yusuf Hamied	CEO, Cipla	Pharmaceuticals	India
Tomás Hudson	President, Imperial Chemical Industries (ICI) (now part of Akzo Nobel)	Chemicals	Argentina
Ranjan Kapur	Executive Chairman, Ogilvy & Mather India	Advertising	India
Rahmi M. Koc	Honorary Chairman, Koç Holding	Diversified	Turkey
Suresh Krishna	Chairman, Sundram Fasteners	Metal products	India
Ritu Kumar	Founder, Ritika Private Limited	Fashion, textiles, retail	India
Amalia Lacroze de Fortabat	President and Chair, Loma Negra Cia Industrial Argentina S.A. (Now belongs to other investors)	Cement	Argentina
Agustin Legorreta	Former President, Banco Nacional de Mexico	Financial Services	Mexico
Erling Lorentzen	Former CEO, Aracruz Celulose	Pulp and Paper	Brazil
Andrónico Luksic Craig	Vice Chairman, Banco de Chile and Quíñenco S.A.	Banking, Mining	Chile
Antonio Madero	Founder and CEO, SANLUIS Corporación S.A. de C.V	Automotive Parts	Mexico
Jorge Marín Correa	President, Compañía General de Electricidad s.a. (cge)	Electricity, Natural Gas	Chile
Keshub Mahindra	Former Chairman, Mahindra Group	Diversified	India
Carlos Wizard Martins	Founder, Grupo Multi	Education	Brazil

Name (continued)	Position (continued)	Industry (continued)	Country
Savannah Maziya	CEO, Bunengi Holdings; Chair, Parsons Brinckerhoff Africa	Infrastructure, Mining	South Africa
Eliodoro Matte Larraín	President, Empresas CMPC S.A.	Pulp and Paper	Chile
Eva Muraya	Group CEO, Brand Strategy and Design Ltd	Advertising and Marketing	Kenya
Guillermo Murchison	CEO, Murchison, Estibajes y Cargas S.A.	Shipping and Logistics	Argentina
Prithvi Raj Singh Oberoi	Executive Chairman, EIH Limited	Hospitality, Tourism	India
Victor Gbolade Osibodu	Chairman and CEO, Vigeo Limited	Diversified	Nigeria
Husnu Ozyegin	Chairman, FIBA Holding	Financial Services	Turkey
Luis Alejandro Pagani	CEO, Grupo Arcor	Food Production	Argentina
Horst Paulmann Kemna	President, Cencosud S.A.	Retail	Chile
Nii Quaynor	Chair, Network Computer Systems and Ghana Dot Com	Internet Provider	Ghana
Prathap Reddy	Founder and Chairperson, Apollo Hospitals	Healthcare	India
Guler Sabanci	Chair, Sabancı Holding	Diversified	Turkey
Manuel Sacerdote	Regional President, BankBoston (Argentina) (now ICBC)	Financial Services	Argentina
Ricardo Salinas Pliego	CEO, Grupo Salinas	Diversified	Mexico
Pedro Moreira Salles	Chair, Itaú Unibanco	Financial Services	Brazil
Daniel Servitje Montull	CEO, Grupo Bimbo	Food Production	Mexico
Roberto Setubal	President and CEO, Itaú Unibanco	Financial Services	Brazil
Reinaldo Solari	Chairman, S.A.C.I. Falabella	Retail	Chile
Ratan Naval Tata	Chairman, Tata Trust; Former Chairman, Tata Group	Diversified	India
Luiza Helena Trajano	President, Magazine Luiza	Retail	Brazil
Murat Vargi	Founder and Chair, MV Holding	Diversified	Turkey
Rodolfo Viegner	Former President, FV S.A.; Former Chairman and CEO, Ferrum S.A.	Faucets and plumbing products	Argentina
Sven Von Appen	Chairman, Ultramar Agencia Maritima	Shipping and Logistics	Chile
Gordon & Morine Wavamunno	Chairman and CEO (Gordon) and Executive Director (Morinne), Spear Group	Diversified	Uganda
Julio Werthein	President, Grupo Werthein	Diversified	Argentina
Augusto Felipe Wiese de Osma	CEO, Grupo Wiese	Diversified	Peru
Selcuk Yasar	Founder and Honorary Chairman, Yaşar Holding	Diversified	Turkey

Note: Names listed in alphabetical order by surname; Spanish names ordered by first surname (apellido paterno). Analyzed interviews represent the complete set of all available interviews at time of analysis (January 2016); interviews are publicly available through the HBS Creating Emerging Markets Project (see full citation in references page).

Summary statistics of interview data at time-of-interview*:

Data		
Firms	Mean Age	73
	Median Age	74
	Max	190
	Min	12
Respondents	Mean Age	69
	Median Age	69
	Max	93
	Min	44
Most represented countries	Argentina	11
	India	11
	Chile	10
	Brazil	8
	Turkey	8
Most represented industries	Diversified	16
	Financial services	8
	Retail	4

* Firm age estimates calculated based on firm founding year, discovered through archival research. In some cases, defining a precise firm founding year is difficult due to corporate development events or unclear origin markets. Thus, some founding years are approximations based on archival research findings.

[ONLINE SUPPLEMENT] Appendix 2: Subset of data structure

First-Order Codes	Second-Order Themes
Formal planning Emergence Luck	Planned vs. emergent strategy
New opportunities Change of action due to new information/circumstance New idea and practice New political activity	Adaptation
Perceived mistake Perceived success Perceived luck	Sense-making
Adaptive learning Business learning (early formative) Professionalization	Learning
Brand awareness / Prominence Quality of products/services Perceived stability/resilience	Reputation

[ONLINE SUPPLEMENT] Appendix 3: Illustrative examples of coding of reputation

Interviewee	Quote	First-Order Code
Adi Godrej Chairman, Godrej Group (one of India's largest diversified business groups)	"Fortunately, being in consumer products, if your brand is doing reasonably well, and if it is growing, then you don't get affected by setbacks of other kinds... Many Indian groups which were very strong say in the 1950s or in the 1960s, some of them almost disappeared because the socialist regime created difficulties for growth... We were fortunate that the brand carried our success quite strongly"	Prominence
Sir Fazle Hasan Abed Founder, Chairman, BRAC (largest NGO in the world by number of employees)	"We have a reputation of being able to deliver whatever we promise, and that helps us in also finding money in Africa to try and develop programs... As soon as we went to Afghanistan [from Bangladesh] in 2001, everybody flocked to fund BRAC, because we had the reputation. And so we started getting funding from sources that we didn't know, we didn't want, so all kinds of money started flowing in. We became very quickly the largest NGO in Afghanistan."	Quality
Federico Braun President of La Anónima (one of Argentina's largest supermarket chains)	"There are no mysteries in the supermarket business... In fact, in world retailing history, innovations are quickly imitated... La Anónima is seen as a company that meets its commitments, has longtime and loyal employees – and this is important – and keeps its word. However simple they may seem, these qualities are not that easy to find. I don't believe technology is a distinctive factor, like bar codes, or scanning..."	Resilience
Jose Grana Miró Quesada Chairman of Grana y Montero (the oldest and largest construction company in Peru)	"Considering that the company had already secured some success, we set out to find the reasons underlying that success and to determine what we had to preserve moving forward... So, we conducted a survey with our customers, workers and suppliers... [and found that] clients relied on a company like Graña y Montero on account of its reputation, because it was a serious business. That was something we had missed... Our goal is not to be the largest or the richest, but rather the most reliable company in the industry. Our surveys have shown that clients make no-bid decisions based on reliability. And if you are the most reliable company, your prestige will help you grow your business."	Resilience