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**AFRICA BUSINESS RESEARCH AS A LABORATORY FOR THEORY-BUILDING:
EXTREME CONDITIONS, NEW PHENOMENA AND ALTERNATIVE PARADIGMS
OF SOCIAL RELATIONSHIPS ***

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Abstract: Africa is an increasingly important business context, yet we still know very little about it. We review the challenges and opportunities that firms in Africa face and propose that these can serve as the basis for extending current theories and models of the firm. We do so by challenging some of the implicit assumptions and stereotypes on firms in Africa and proposing three avenues for extending theories. One is taking the extreme conditions of some Africa countries and using them as a laboratory for modifying current theories and models of the firm, as we illustrate in the case of institutional theory and the resource-based view. A second one is identifying new themes that arise from analyzing firms in Africa and their contexts of operation, and we discuss four themes: migrating multinationals and the meaning of home country, diaspora networks within and across countries, a recasting of cultural and institutional distance, and new hybrid organizational forms. A third one is developing new theories based on alternative paradigms of social relationships that have emerged in Africa that differ from those underpinning existing theories of the firm, such as *kgotla* and its view of community-based relationships or *ubuntu* and its humanizing view of relationships.

Keywords: Theory development, context, international business, emerging markets, Africa

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INTRODUCTION

Firms in Africa have received little attention in the mainstream management literature. There are very few articles analyzing business and management in Africa in top academic journals in business and management (George et al., 2016; Kolk and Rivera-Santos, 2016). The paucity of research can be ascribed to the dual effect of limited support and lack of incentives for publishing in top journals for academics at Africa's universities, as well as the limited availability of reliable secondary datasets capturing the empirical realities of the African context. Thus, local researchers who have a deep contextual understanding of the conditions under which firms in Africa operate have little incentive to do academic research, and often receive limited research training (Nkomo 2015). At the same time, scholars from elsewhere who are potentially interested in researching firms in Africa find it hard to collect empirical data and understand the particular conditions of firms operating there. As a result, most of the research done on African firms remains anecdotal and has not led to substantial novel theoretical contributions; instead, most studies have been an application of existing theories and insights from management and international business research to the African context (George et al., 2016).

More rigorous and comprehensive research on Africa is needed to truly benefit scholarship on business and management in the African context and beyond. In doing so, researchers need to free their minds from preconceptions of typical risks and opportunities. In fact, empirical evidence of business activity in Africa, which we also report in this editorial, contradicts the usual perception of Africa as a too-risky business context. At the same time, it nonetheless suggests the importance of being realistic about economic prosperity in Africa. More importantly, we invite readers to think differently about where business opportunities in Africa come from and how to conceptualize risks in a context like Africa. There are different dimensions of the business world at play in Africa that we are only beginning to understand.

Based on that notion we suggest that it is worth questioning established theories and current conceptions of management research in their applications to the context of Africa, because researchers thus far have rarely comprehended the actual situation in Africa. By researching business in Africa, we are trying to understand some limitations of existing theories and models, and stress the importance of developing new knowledge. An example may be useful: Around 2000, Mandla Adonisi, a scholar at the Gordon Institute of Business Science at the University of Pretoria in South Africa, used well-established North American scales for corporate entrepreneurship in a comparative study of firms in South Africa and Nigeria. The scale functioned adequately in South Africa, but not at all in Nigeria. At the time there was very little appetite for management research coming from Africa, and he decided to focus his work on South Africa, rather than investigate the puzzling discrepancy between the South African and Nigerian evidence. Unfortunately, what he had uncovered – that a hitherto well-established scale of corporate entrepreneurship may be ill-suited to capture actual practices of entrepreneurship in some countries in Africa although not in others – was a potentially useful contribution to the field at large that remained undisclosed.

In this article, we thus propose and explain three approaches by which the study of business and management in Africa can not only help extend existing theories of the firm but also serve as the basis for new theories and perspectives. Figure 1 summarizes the ideas we discuss: extreme conditions, new phenomena and alternative paradigms of social relationships.

*** Insert Figure 1 about here ***

The first approach, extreme conditions, is using the sometimes severe circumstances of some Africa countries as a laboratory for modifying and extending current theories and models of

organizations and international business. Take for example firms operating in Zimbabwe during the hyperinflation period. In spite of massive outmigration during the economic crisis, the science-based Zimbabwean firm SeedCo remained in Zimbabwe and is now the leading seed company on the continent, spending more than 7% of revenue on R&D (SeedCo, 2016). In addition to accelerated market-seeking internationalization, young Zimbabwean firms emerged as "migrating multinationals" (Barnard, 2014) as operational and financial headquarters were moved to more stable neighbors, e.g. BankABC (in Botswana) and Econet Wireless which continues to direct African operations from Johannesburg, but also has operations in the UK. Understanding how those firms navigated a very turbulent environment can shed light on fundamentals in management, and we illustrate this by explaining some of the implications for institutional theory and the resource-based view.

A second approach, new phenomena, is identifying specific trends and themes that are unique to or particularly important in the African context and which exemplify the complex conditions that firms in Africa face and the strategic responses they apply. For example, the Democratic Republic of Congo has vast mineral wealth, a population of 73 million and the 11th largest land mass on earth. Yet, it has less than 2800 kilometers (1400 miles) of paved roads, and road conditions are harrowing (Willems, 2010). Logistics presents a particular challenge, and some firms manage logistics in this profoundly underdeveloped context through technologically sophisticated planning and radio-frequency identification (RFID) systems. The spectrum of strategies and practices used by firms present intriguing managerial and theoretical questions that open the venue for new themes and topics. We discuss four of them: migrating multinationals and home country conceptualization, diaspora networks within and across countries, recasting cultural and institutional distance, and new hybrid organizational forms.

The third approach, alternative paradigms of social relationships, is developing new theoretical perspectives based on particular philosophies and views of social relationships that prevail in some parts of Africa and that differ from those underpinning current theories that were developed in advanced economies. We suggest that scholarship in Africa may give rise to more community-centered theories of business conduct. In particular, *ubuntu*, the African concept that "I only exist through my interaction with you," has started to receive attention in management studies (Mangaliso, 2001). Similarly, the *kgotla* practice of collaborative leadership is increasingly being recognized (Beugre, 2016). We realize that theorizing how different views of human relations shape management is hard; scholarship builds on previous work, and therefore scholars need to find ways to frame their work within a dominant set of "representations and counter-representations" (Nkomo, 2011). However, this is a particularly exciting avenue for further work, as it can serve not just to extend existing theories but as the basis for building new theories.

The rest of the paper is organized as follows. In the next section, we provide an overview of African countries and the main companies in Africa to provide some empirical background for those who know little about the region. It may also help dispel some of the preconceptions and misunderstandings about the region and its companies. We then discuss how we can use some of the "extreme conditions" that companies in some African countries face as the basis for extending existing theories. After this, we explain new phenomena and trends that are emerging in Africa and new strategies that African companies are taking that can be the basis for new research topics. We then explain how we can use some of the distinct philosophical traditions of some African countries to try to create new theories that reflect a different view of social relationships.

AFRICA AS A RESEARCH SETTING

Africa is a rapidly changing continent and business context. There has been a swift urbanization and transformation of economic relationships in recent years, as individuals have moved from traditional and rural relationships to modern relationships in urban settings using new technologies (Henderson, Storeygard and Roberts, 2013; Little, 2013; Turok and McGranahan, 2013). Combined with a third albeit uneven "wave" of democratization (Crawford and Lynch, 2013), this has increased business opportunities across the continent. However, Africa is not homogenous. Because borders among countries were decided by colonial powers rather than reflecting the reality of individuals living there, there is not only a very large diversity across the 54 countries that compose Africa, but there is also "ethnolinguistic fractionalization" (Luiz, 2015) within those countries. This challenges the usual association of national borders with distinct economic realities. Figure 1 illustrates this ethnolinguistic diversity and how it matches little with current country boundaries, in marked contrast with other regions of the world where national borders tend to match a language.

*** Insert Figure 1 about here ***

One useful way to make sense of the diversity of the continent is to divide Africa into five regions, as illustrated in Figure 2. North Africa is often considered separately from sub-Saharan Africa, given that North Africa shares some cultural similarities with what is considered the Middle East and that the Saharan desert acts as a natural barrier to the rest of Africa. Within sub-Saharan Africa, one can separate Western, Eastern, Central and Southern Africa. These are geographic regions rather than cultural or political groupings, even though some countries within each of the regions share commonalities in ethnic groups and colonial pasts. Indeed, scholars have found that the quality of regional institutions affects firm-level innovation (Barasa et al., 2017). Moreover, in a context with substantial infrastructural weakness, geographic proximity matters. Trade blocs also more or less follow the divide, although they tend to spill over to adjacent countries and it is not rare for a country to be a member of more than one block. Thus, we have the East African Community, Southern African Development Community, the Customs and Economic Union of Central Africa and the Economic Community of West African States, that aim to facilitate economic relationships among countries.

*** Insert Figure 2 about here ***

Table 1 provides some statistics to illustrate the large diversity of conditions of these countries. Regarding landmass, Africa is the second-largest continent on the planet, with almost 70% the size of Asia. The population of Africa is virtually double that of Latin America, and comparable to that of India and China. However, Africa is very fragmented; more than 60% of the population lives in just ten of the 54 African countries, while only four countries (Algeria, South Africa, Egypt, and Nigeria) constitute almost 60% of the Gross Domestic Product (GDP) of Africa. Although the average GDP per capita in Africa is still very low, and 37 countries have in fact a GDP per capita below the African mean, there is an increasing number of countries that can be described as "lower-middle" or even "upper middle" income countries.

*** Insert Table 1 about here ***

South Africa is an anomaly. It is the fifth most populous country in Africa, and the ninth biggest country in terms of land mass. Regarding total GDP, it ranks third (behind the more populous Egypt and Nigeria), and in terms of GDP per capita, it ranks eighth, reflecting the continued inequalities in the country post-Apartheid. The country overwhelmingly dominates in terms of formal economic activity. Consider for example the Forbes Global 2000 (Table 2), which ranks publicly traded companies by a mix of sales, profits, assets, and market value. Thirteen of

the 21 African firms on the list are from South Africa, followed by Nigeria with four, Morocco with three and Egypt with one.

*** Insert Table 2 about here ***

Table 3 lists the largest firms in Africa presented by the periodical Africa Report, which compiles the largest 500 firms using a questionnaire, ranking firms by turnover. Although the largest two firms are the state-owned oil firms from Algeria and Angola, the list is again dominated by South Africa with 160 firms. Morocco follows with 77, Egypt with 42, Ivory Coast with 28, Nigeria with 25, Algeria with 24, Tunisia with 17, Mauritius with 15, Ghana with 13, Gabon and Kenya with 9, Cameroun, Senegal and Zimbabwe with 8, Burkina Faso and Zambia with 7, Tanzania with 6, Botswana and Mali with 5, Angola, Democratic Republic of Congo, Mauritania, and Namibia with 3, Malawi, Mozambique, Niger, Sudan and Uganda with 2, and Congo, Ethiopia and Swaziland with 1. There are significant differences in size, with Sonatrach with US\$67.7bn in sales, followed by Sonangol with US\$40.0bn, Sasol with US\$17.2 and then quickly dropping in size.

*** Insert Table 3 about here ***

It is noteworthy that some of the iconic South Africa firms such as the miners Anglo-American and BHP Billiton, the brewer SABMiller (acquired by the Brazilian-Belgian group AB InBev in 2016) and the finance firm Old Mutual have long not had a primary listing on the South African stock exchange. They have “migrated” to more developed countries (Barnard, 2014).

EXTENDING THEORY BY ANALYZING EXTREME CONDITIONS

A first way of leveraging the African context for business research is by assessing the validity and range of established theories against the realities of conducting business under the extreme conditions present in many African countries. By looking at how business is conducted under absent or rapidly changing institutions and infrastructure, it becomes possible to identify and question implicit assumptions of the theories that were typically developed and applied in more developed economic contexts.

Companies in Africa tend to face a combination of relatively unstable political conditions, corrupt and weak governments, limited effectiveness of contract law and property rights, economic disparities, and slow or inconsistent economic growth patterns. Whereas especially the lack of Western-style formal institutions and infrastructures have been considered typical for many emerging economies (Khanna and Palepu, 2010; Hoskisson et al., 2000; Xu and Meyer, 2012), the continuously high level of political, institutional and economic uncertainty specifically applies to many African countries (George et al., 2016). In this context, firms face three interrelated conditions that may necessitate a revision of the applicability of established theories: (1) turbulence through constant change and uncertainty as typical conditions under which firms operate and make investments, (2) local communities retaining a strong role as social infrastructures (both as enabler and constraint of business) because governments and formal institutions are either missing or unstable, and finally, partly the outcome of the other two, (3) the fact that investing in scale and continuous growth is much less of an option for many firms in Africa.

We now further specify implications of these observations for two major theories of organization and strategy: institutional theory and the resource-based view. The former has been used to specify central dimensions of the context within which firms operate and how this context can enable and constrain firm behavior and decision-making (North, 1990). The latter, by comparison, focuses on why firms are different within the same context, based on unique resources and capabilities they develop over time (Penrose, 1959). These theoretical angles are

complementary perspectives on firm strategy, not least in international contexts, combining a macro view (institutional theory) with a firm-level perspective (resource-based view) (Peng et al., 2009). They have merit in guiding research in Africa as well, yet we suggest that they need to be extended to fully accommodate the specificity and complexity of the very conditions firms operate under in African countries.

Extreme Conditions and Institutional Theory

Institutional theory has been a central pillar in conducting business research in emerging economies (e.g. Hoskisson et al., 2000; Khanna et al. 2010). Institutions are typically regarded as rather enduring, more or less formal, rules, norms, and frameworks enabling and constraining social interactions in general and business conduct specifically (North, 1990). In economics, institutions, such as property rights, are regarded as means of reducing uncertainty, information and transaction costs (North, 1990). In sociology, institutions are seen more broadly as structural enablers and constraints operating at multiple levels – transnational, national, industry/field, local – that either put pressure on firms to comply and adopt similar structures and practices in order to gain legitimacy (DiMaggio and Powell, 1983), or ask for strategic responses – from compliance to resistance and avoidance (Oliver, 1991).

We propose that in the extreme conditions of Africa the role of institutions needs to be studied from a different perspective, helping advance theory in several ways. First, the study of firms in Africa where there is an extreme weakness in pro-market institutions can help scholars identify new institutional mechanisms that are less dependent on government regulations and rules. In Africa-focused business scholarship, there has been a consensus that similar to other emerging economies, Africa can be characterized as “suffering” from underdeveloped or missing market-supporting institutions, a situation referred to as institutional voids (Khanna and Palepu, 2000). Thus, both domestic and foreign firms in Africa need to “navigate” institutional voids to survive and compete (George et al., 2016). However, since nation-level institutions that are captured in the traditional measures of the World Bank or International Monetary Fund are either absent or not applied in some African countries, studies should move from the national to the subnational level and use the context of African countries to understand variety in subnational and local norms and institutions and their effect on firm behavior.

Following the call by Phillips et al. (2009) to take institutional processes at multiple levels more seriously in international management research (see also Phillips and Tracey, 2009), we encourage future studies to examine how local norms of behavior may actually “replace” national norms. In other words, institutions are argued to differently affect firms not just because they differ in degrees of constraint, but rather because they constrain a diversity of behavior and in a diversity of ways. In such contexts, the predictions on economic relationships need to be on nature and variety of institutions rather than “quality” of pro-market institutions. Some of these institutions are not only informal, but rather based on different paradigms. For example, the role of faith has long received attention in studies of development (Deneulin, 2013), and scholars of religion have also highlighted the importance of notions of prosperity and capitalism in the large African Pentecostal movement (Meyer, 2007). Yet, religion has not yet been explored as an institution shaping firm behavior. More traditional relationships, like *ubuntu* that we discuss later, also play an important institutional role.

Second, the analysis of firms in relation to traditional communities in particular can help identify new sources of legitimacy of firms that have been overlooked in conventional analyses of legitimation. Legitimacy is a central theme in sociology-based institutional theory. In Africa, one

particularly important source and potential barrier of legitimacy is level of community support (Bitzer and Hamann, 2015). Communities are more than just social networks, but often locally bounded groups of people with shared social ties, economic backgrounds, histories, religious beliefs, morals, and customs (Kepe, 1999). In the absence of effective market institutions and state regulation, and in the face of radically changing economic environments, communities play an extremely important role as rather stable infrastructures for information sharing, legitimacy building, and safeguarding contracts and loans (Bitzer and Hamann, 2015; Holt and Littlewood, 2015) – or of withholding those. Thus communities and community elders in many African countries are critical sources of support for new businesses and ideas, but can also be agencies of resistance and backlash (Bitzer and Hamann, 2015). Rather than subsuming communities under the categories of social capital and networks given weak institutional frameworks, their specific importance in Africa merits a more sophisticated treatment as a distinct level of analysis. Whereas most institutional theory-inspired business research has focused on institutions at the level of state and law (North, 1990), or the level of organizational fields (DiMaggio and Powell, 1983), theorizing of institutions and institutional processes, such as legitimacy-building, in Africa may require conceptualizing communities as its own level of institutional analysis.

Another central theme in institutional theory is institutional logics, i.e. rather stable institutional regimes, orders or organizing principles guiding actions and decision-making, including the capitalist market, the bureaucratic state, families, democracy, and religion (Friedland and Alford, 1991). Firms are expected to operate primarily according to the logic of capitalist markets, even if varieties of capitalism produce a certain variety of orders within the capitalist framework (Hall and Soskice, 2000). However, the African context may challenge the utility of the concept of institutional logics and call for a more extended conceptualization.

For example, partly as a consequence of ineffective formal institutions and resource constraints, many firms in Africa either operate or at least have strong ties in informal economies that operate outside of and are also denied the protection of formal institutions (Feige, 1990). According to the International Labor Organization (2002), over 72% of workers in sub-Saharan Africa are employed in the informal sector. In fact, sub-Saharan Africa was the starting point for research on informal economies worldwide (Hart, 1973; Portes and Haller, 2005), which is also why they continue to be of central concern to business researchers (George et al., 2016). The logics by which informal economy firms operate are still highly disputed. Some suggest that partly due to lack of safeguards and protection, market mechanisms are even more pronounced in the informal sector (Portes and Haller, 2005). At the same time, research suggests that not least in Africa, informal economies are typically strongly embedded in local communities which co-determine the varieties and constraints of conducting business under informal conditions (Khavul, Bruton, and Wood, 2009; Zoogah, Peng and Woldu, 2015). Studies in Africa thus promise to shed light on sources of institutional logics and on the creation of informal institutions and mechanisms for settling disputes when conducting business in informal economies.

Extreme Conditions and the Resource-Based View

The resource-based view (RBV) is a starting point for understanding how and why firms differ regarding their resource capacity, capabilities and performance. At its core, the RBV explains firm heterogeneity by arguing that firms build up and exploit over time resources and capabilities that are not tradable in factor markets (Barney, 1986, 1991; Penrose, 1959; Teece et al., 1997). This is why their performance cannot be explained just by industry structure, the intensity of competition or institutional constraints (see e.g. Wernerfelt, 1984). Instead, firms may

develop rare, rather intangible, socially complex and historically rooted capacities that may give them a longer-term competitive advantage and that may be hard to imitate (Barney, 1991). Because of this, firms are also capable of responding differently to the same institutional constraints (Oliver, 1991). They may even develop specific capabilities that allow them to not only adjust to certain political or institutional contexts, but to shape and transform the latter in their favor (Oliver and Holzinger, 2008). In emerging economies in general (Hoskisson et al., 2000) and in African economies more specifically (George et al., 2016), relationship management and being able to build up social capital to tap into otherwise difficult to access resources can be a critical source of competitive advantage. We agree with this notion, yet we propose more radically extending the conventional scope of RBV-related approaches to adjust them to the African context.

Analyzing firms in Africa and the challenges and opportunities they face in the way they develop and use resources and capabilities can help advance RBV in several ways. One central idea in previous research based on RBV in emerging economies is that firms, on top of their productive capacities and resources, need to develop a certain strategic flexibility to compete under conditions of high political, institutional and economic uncertainty and volatility (Wright et al., 2005). Firms in Africa face these challenges in sometimes extreme forms, forcing them to not only develop flexibility but remain in start-up mode throughout their lives, thereby improvising and adapting to changing conditions, rather than growing from an entrepreneurial firm to more differentiated and bureaucratic forms. This suggests that key assumptions around firm growth and long-term returns on investing in certain technologies, structures and capabilities need to be revised, and with it the traditional RBV view that firms develop and refine sophisticated capabilities that serve to differentiate them. Many executives in Africa, nonetheless, argue that longevity affords a competitive advantage, suggesting the need for scholarship to examine whether it stems from the extent to which firms learn to continuously adjust and seek opportunities in an entrepreneurial fashion, increased legitimacy or some other differentiator.

Second, the need to invest in location resources to substitute for inputs provided by the government also contributes to a changed conceptualization of success, with longevity and survival becoming especially important. Because firms in Africa are embedded in systems where government does not adequately provide basic infrastructure, firms are induced to expand their activities and services and substitute for the lack of inputs. For example, the extremely low levels of education prevalent in many countries limits firm profitability and lead managers to use external rather than internal capability upgrading methods to reduce this negative effect (Wang and Cuervo-Cazurra, 2016). This changes our understanding of the bundle of resources firms develop. Many firms in Africa, not only so-called social enterprises, operate towards multiple goals simultaneously, including community benefit and profitability (Holt and Littlewood 2015; Kistruck and Beamish, 2010; Rivera-Santos et al., 2015).

The traditional RBV argument is that firms develop resources to enable them to compete against other firms, relying on suppliers for the provision of inputs and the government for the provision of infrastructure. In the case of firms in Africa, they have to develop not only competitive resources but also the supporting infrastructure. This changes our conceptualization of competitiveness – one of the central categories in RBV – for such firms, and what it even means for firms pursuing both social and business, goals (see also below). Consider, for example, the software firm Craft Silicon in Kenya whose community-centered business model lets them recruit staff from disadvantaged communities, and to move between offering business services for micro-finance firms and software for mobile banking apps. We know very little about how firms that

pursue such community-centered business models survive in constantly changing or volatile political, institutional and economic environments.

Third, the high levels of corruption and the personalized and unstable political systems that characterize many African countries challenge our understanding of non-market strategies and the development of resources and capabilities for managing political relationships. The traditional RBV focused on providing explanations on how firms can develop resources to compete in the marketplace. An extension developed from the study of firms in emerging economies has pointed out to the importance of developing non-market capabilities to deal with government regulation (Ghemawat and Khanna, 1998). A new conceptualization of non-market resources and capabilities is needed to account for the extreme instability of governments in some African countries, in which coups and counter-coups are common, as well as the highly personalized nature of power, with some long-term dictators and their families controlling the country, like in Angola, Equatorial Guinea, or Zimbabwe. When access to government favors is scarce, a different conceptualization of political management capabilities (Oliver and Holzinger, 2008) as a source of competitive advantage is needed.

EXTENDING THEORY BY ANALYZING NEW PHENOMENA

Going beyond theory extension and revision, the African context provides a rich array of new business-related phenomena that are largely outside the realm of established management theories. For example, several studies have pointed out that African countries are typically characterized by a high diversity of religions, ethnicities, and languages – to an extent that the validity of theories that stem from typically more homogeneous cultural and institutional contexts can be questioned. This example showcases the need to take Africa more seriously as a source of new concepts, perspectives and potential theories of organization and international business. In other words, as Nkomo (2015) suggests, the scholarship of Africa itself needs to be decolonized. She also points out, perhaps more importantly, that a decolonial approach is per definition transdisciplinary, suggesting that Africa research could benefit from an influx of theories from other disciplines such as political science.

Prior research in emerging economy contexts has proven to be fruitful for the discovery and theorization of recent trends in an increasingly complex and integrated global economy (Cuervo-Cazurra, 2012). Such research builds on very in-depth and detailed understandings of the reality of how companies operate in such environments. For example, based on the experience of companies in India, the concept of base-of-the-pyramid strategies has been formulated, in which multinationals from advanced economies create products and services that are adapted to the needs and purchasing abilities of people at the bottom of the economic pyramid in emerging economies (Prahalad, 2005). More recently, the knowledge transfer experience of foreign companies in China and India has served as the basis for the topic of reverse innovation in which firms from advanced countries develop innovations that address the needs of poorer customers in emerging economies and bring these innovations back to advanced countries (Govindarajan and Ramamurti, 2011). Also, much recent research on the internationalization experience of state-owned multinationals is largely based on the analysis of firms from emerging economies, not least from China (Cuervo-Cazurra et al., 2014).

The analysis of firms in Africa can bring many novel insights. We suggest that many trends and phenomena in Africa are more or less directly related to the continent's colonial history. Whereas prior research has already pointed out the importance of post-colonial ties in affecting foreign direct investment and market expansion (Makino and Tsang, 2011; Rangan and

Drummond, 2004), we discuss several other aspects of business conduct that demonstrate how postcolonial trajectories have penetrated business conduct and organizational life in Africa. More specifically we discuss: (1) the meaning of home country, (2) the influence of diaspora networks, (3) assumptions behind cultural and institutional distance, and (4) new organizational forms.

Migrating Multinationals and Home Country Conceptualization

Africa research may contribute to a richer understanding of what the home country of a company means. There is a large literature in international marketing identifying the country of origin of firms as a source of advantage or disadvantage of the products exported (Bilkey and Nes, 1982; Jolibert and Peterson, 1995). It finds that firms from emerging markets tend to have their products discriminated against by consumers because of the association with the lower level of development of the country. A different and more subtle analysis is the home country of the firm and how this plays a role in not only the export of products, but also the perception of the whole firm in its international expansion. The deep discrimination that firms in Africa suffer, with the perception in many business circles that they are not up to par with other global competitors, has induced many of them to actively seek a dissociation with the home country by moving their headquarters outside Africa and becoming migrating multinationals (Barnard, 2014). For example, South African multinationals have moved headquarters outside Africa, usually to the UK, thereby exploiting post-colonial ties. This helped them reduce negative perceptions of the country on the companies, previously as a way to bypass sanctions, as well as to access deeper capital markets.

These migrating multinationals challenge our understanding of the association of a company to one home country and the usual identification of the home country of a firm with the country in which the firm was initially founded. In the case of some South African multinationals, it is not fully clear whether one can identify these companies as being South African (Barnard, 2014). Analyses of internationalization processes and the notion of distance between headquarters and subsidiaries (Johanson and Vahlne, 1977) must be rethought. Arguments, measurements, and implications change depending on whether one considers headquarters to be based on the country of creation, on the country of incorporation, or on the country where the managers live. Hence, the study of firms in Africa opens the possibility of being much more nuanced and sophisticated about the notions of home.

Diaspora Networks within and across Countries

Another empirical domain in which the analysis of firms in Africa can shed new light is the study of international diaspora networks, in which businesses are built and expanded via the social relationships provided by individuals coming from the same ethnic group. Business research on the role of diaspora networks gained importance in the context of India (Bresnahan et al., 2001; Kenney et al., 2013; Saxenian, 2005) and has a longer tradition from the analysis of networks among Jewish merchants in medieval Europe. These networks are built on the basis of trust between individuals from the same ethnic group located in different countries and serve to facilitate cross-border relationships and business deals.

The African context offers an even richer display of diaspora relationships and multi-ethnic ties across the continent itself. For example, diaspora relations include the relationships among ethnic groups of traders that settled in Africa and maintained international relationships, such as Arab and Indian traders. Those ties continue to affect contemporary entrepreneurship. New aspects of the traditional colonial relationships between former colonial powers and colonies also open the possibility for a reconceptualization of diaspora relationships. Thus, for example, in some African

countries, the descendants of the former colonial power have been actively discriminated against by the government, as in the case of Zimbabwe. Such behavior is in contrast to the experience of other regions like Latin America where the descendants of colonialists are at the cusp of both economic and political power. This challenges the typical understanding of the former colonizer and colony derived from studies of other regions.

But diasporas also include the more recent wave of Chinese migrants that offer a new understanding of the functioning of diaspora as many of these traders have moved to Africa following the move of Chinese multinationals who have won large infrastructure contracts. As the Chinese multinationals brought with them the necessary labor, Chinese entrepreneurs followed the multinationals abroad to provide services to the expatriates.

There are also types of diaspora that challenge the usual ethnic connection, for example between African countries and ex-Eastern bloc countries in Europe, such as between Mozambique, Namibia and former East Germany, where many Africans received training, not least during the battles for independence. In such cases, there are no ethnic relationships but instead educational relationships that have facilitated international commerce. This creates the possibility for studies on educational relationships that have been mostly absent from the business literature.

Additionally, although much of the research around business and diasporas is quite optimistic about the stimulating effect of returnees, in the case of studies in Africa, there is emerging evidence of a “returnee liability” (Obukhova, 2012). Evidence from Ghana (Mayer, Harima and Freiling, 2015) suggests that returnees and diasporans seem incapable of effectively brokering between their home country and country of residence, with both relying primarily on networks in the country where they are resident. Barnard and Pendock (2013) show that the willingness to share knowledge of South African diasporans is strongly shaped by how they feel about both their home and host country. Again, Africa research promises to add nuance to our understanding of diaspora effects.

Recasting Cultural and Institutional Distance

Africa research may also force us to question assumptions behind concepts of cultural and institutional distance. Traditional international business literature tends to view the country as the primary unit of analysis as it encompasses a society that over the course of history has defined the geographical boundaries and established a sense of national unity. However, African countries tend to have high levels of domestic cultural diversity (Luiz, 2015). Traditionally, African societies were typically tribal. Colonizers drew national borders rather artificially, thereby imposing a new institutional order that would later turn into nation states. However, these national boundaries did not take into account the reality of the traditional tribal and religious identities, promoting cultural richness, but also leading to continuous latent conflicts and tensions.

Given the difficulty and lack of state capacity in imposing borders, as well as the nomadic tradition of some ethnic groups, the analysis of institutional and cultural distance changes. Whereas studies of other regions have identified the movement of immigrants and colonists across borders as a way to reduce the distance between countries, the causality reverses in the case of some African countries: The ethnic groups were already in place and national borders were superimposed on those groups, establishing artificial divisions and migrations. Thus, a deeper understanding of historical events can add a better understanding of what we mean by cultural and institutional distance and challenge our conceptualization of the country as the primary unit of analysis. Given that many African countries became nation states within living memory, with the

decolonization of the 1960s and continued until recently with the split of Sudan into two countries in 2011, Africa is a particularly appropriate setting for this type of endeavor.

Another challenge to the notion of the state as the primary unit of analysis in the study of distances is the existence of a variety of ethnic groups, multiple languages and cultural identities within particular nation-states in Africa. Whereas other multicultural countries have aimed at building a sense of national unity by highlighting the difference with other countries, for example India versus Pakistan, such differences with the neighbor are less clear in the case of many African countries. The neighbor was often an artificial creation, and there could be larger differences with other groups and tribes within the country than with neighboring countries, to the point of resulting not only in animosity but even wars. This raises issues around the validity of concepts such as national culture (Hofstede, 1980), and it calls for revising how culture and related concepts are understood.

New hybrid organizational forms

The specific post-colonial conditions in Africa have arguably also produced specific organizational forms. We already argued that due to high institutional and economic uncertainty, many firms in Africa will remain in an entrepreneurial state that may rely more on individual skills and aspirations of entrepreneurs and managers than on organizational structures and capabilities. It is unclear whether firms in Africa can be sufficiently described by established terminology, or whether they are manifestations of new types of entrepreneurial or temporary organizational forms. Moreover, given the strong rootedness of many firms in local communities, new hybrid forms may have developed that specialize in what Porter and Kramer (2011) have called creating shared value, i.e. in developing products and services that serve collective social or ecological needs, while also benefitting paying customers individually. One example is WaterHealthInternational, a for-profit organization that has developed innovative water purification techniques to distribute clean water at low costs to more than a million people around the world, including in Ghana (Porter and Kramer, 2011). WaterHealth International is an example of a so-called hybrid organization, i.e. an “organization that possess[es] ‘significant’ characteristics of more than one sector (public, private and third)” (Billis, 2010: 3). Hybrids are capable of creating ‘shared value’ by combining commercial with social goals and by following multiple institutional logics, i.e. commercial and social, simultaneously (Porter and Kramer, 2011; Jay, 2013; Battilana and Lee, 2014; Battilana and Dorado, 2010).

While hybrid organizations have become increasingly important in various contexts, as they help address social issues when state and philanthropic approaches are limited in their ability to do so (Kickul and Lyons, 2012), in the African context, in particular so-called ‘community-based hybrids’ are on the rise. They have been defined as hybrid organizations that serve local communities but also make extensive use of community resources to serve regional or global markets with their products and services (Manning et al., 2017; Holt and Littlewood, 2015). Examples of this are so-called impact sourcing service providers (ISSPs), such as Craft Silicon and Digital Divide Data, that operate out of African countries and that specialize in hiring and training of staff from disadvantaged groups in society for global business services (IAOP, 2014; Rockefeller Foundation, 2013). In sub-Saharan Africa, ISSPs enjoy a competitive advantage over regular outsourcing firms as they better utilize community resources, along with a sophisticated infrastructure of community support organizations, to access talent better while promoting more inclusive employment and development (Manning et al., 2017).

It will be critical for future research to understand better how and under what conditions such community-based hybrid models can be implemented effectively, and what challenges such organizational forms face. For example, such forms may allow – but also force – firms to align their growth and diversification strategies with community needs rather than just firm resources or market opportunities in the traditional sense (Kannothra et al., 2017). While a firm like the software producer Craft Silicon in Kenya requires different skills to target different customers for its different offerings, both its staffing strategy and its product lines may exploit the same community ties for marketing, branding, and implementation (see also Manning et al., 2017). This brings both unique synergistic opportunities while also posing significant challenges.

BUILDING NEW THEORIES BASED ON ALTERNATIVE PARADIGMS OF SOCIAL RELATIONSHIPS

A third way in which research on firms in Africa can contribute to business scholarship is by offering new theoretical paradigms that re-conceptualize social relations based on the traditions and philosophies of African countries. These traditions differ markedly from the ones that underpin current conceptualizations of firms, which were built on the experience of firms from advanced Western economies. Hence, business research in Africa may serve as an alternative foundation for (Western) organization theories and theories of the firm – similar to inspirations from either world regions.

In the 1980s and 1990s, management philosophies from Japan, such as *kaizen* or theory Z (Ouchi, 1981) had a significant influence on Western management theory, for example serving the basis for the development of the knowledge-based view of the firm and studies of innovation (Nonaka and Takeuchi, 1995). More recent research in China has produced a promising stream of research focusing on mechanisms of *guanxi* (Luo, Huang, and Wang, 2012), *yin/yang* (Fang, 2012) and the teachings of Confucius (Shapiro and Li, 2016), which have aimed to challenge established theories of networks, trust-building and change (Chen, Chen and Huang, 2013; Park and Luo, 2001; Xin and Pearce, 1996). Such paradigms may help counter-act the often criticized imperialist tendencies of Anglo-Saxon management research and education (Amdam, 1996).

One example of how Africa's history may challenge established thinking is the notion of humanizing leadership. In the Western-based management literature, from McGregor's (1960) Theory X and Y to the recent work of Petriglieri and Petriglieri (2015), humanizing leadership is about countering Taylorist approaches where humans are at risk of being reduced to machines. However, dehumanization can happen in multiple ways, and people can be denied their humanity by being diminished as either machines or animals (Haslam, 2006). In Africa, with its still relatively recent history of colonialism and even slavery, people were presumed by colonial powers to be animal-like and spoken of as chattel, savages or primitives. Contemporary business in Africa takes place in a context where people are mindful of this history.

Thus scholarship in Africa may challenge established paradigms in management in even more fundamental ways. In particular, we focus next on indigenous philosophies that may help re-frame business conduct in Africa and inspire new theorizing, in particular by looking at the importance of relationships and communities in new ways. Specifically, we briefly introduce two Africa-based philosophies – *ubuntu* and *kgotla* – that may inspire a paradigm shift to guide future empirical research and theorizing of business conduct within and beyond Africa.

Toward Humanizing Relationships: *Ubuntu*

One of the schools of thought originating in Africa is *ubuntu*, a philosophy from Southern Africa that provides a humanistic view of the individual in the sense that “a person is a person through other people.” *Ubuntu* focuses on “humanness, a pervasive spirit of caring and community, harmony and hospitality, respect and responsiveness that individuals and groups display for one another” (Mangaliso, 2001, p.24). This contrasts with most of the theories of the firm that have been developed in the West and rely on an implicit individualistic view. Within a profoundly different context to explain why we have firms, one may want to understand the social dimension of companies and view these as a mechanism that exists to help people rather than to maximize profit.

The recent work on social entrepreneurship in Africa (Manning et al., 2017; Rivera-Santos, Holt, Littlewood and Kolk, 2015) confirms the importance of this social dimension. Moreover, fieldwork in South Africa has uncovered several diverse types of organizations that can be categorized as social enterprises, challenging the more conventional idea that social enterprises combine social with profitability objectives (Battilana and Lee, 2014). For example, a collective composed of five women who sell snacks and do catering with a profit motive but balk at earning more than what is needed to meet its members’ fluctuating financial needs, challenges categorization. Such enterprises are influenced by the *ubuntu* philosophy. Some research on the implications of *ubuntu* has already been done (Mangaliso, 2001; Mbigi and Maree, 1995), and more work can help develop an alternative explanation of why companies exist and how companies compete and succeed.

Although *ubuntu* is specific to Southern Africa, scholars of Tanzania and Malawi have uncovered a similar humanistic orientation in organizations. In theorizing organizational change, scholars found the importance of social achievement, social identity, and social need to counterbalance the organizational requisites (Afro-Centric Alliance, 2001). Further analyzing how more and less formal as well as social enterprises operate and succeed under this tradition would require understanding how firms are primarily seen as mechanisms that facilitate the establishment of relationships with others. This would imply that their sources of advantage stem in no small part from their ability to connect people and their ability to make people feel related.

Toward a Community-Based Theory of the Firm: *Kgotla*

The *kgotla* is a forum where Botswanan men (historically) would meet to discuss issues of shared interest. Traditionally, *kgotla* has been a participatory process at the village or community level that emphasizes consultation, mediation, consensus building, and harmony (Beugre, 2016). It was famously the mechanism through which the paramount chief and later Prime Minister Seretse Khama engaged with the Batswana when he sought approval for his marriage to the British woman Ruth Williams.

Although it is in some sense comparable to mechanisms of consensus-building in other institutional contexts, such as works councils in Germany, very little scholarly work has been done on the *kgotla*. Moholo (2015) describes it as “the art of leadership through dialogue” (p. 91). Similar to the *ubuntu* philosophy, *kgotla* emphasizes the common good and the welfare of the community, rather than individual goals.

In contemporary Botswana, the use of *kgotla* as a mechanism for participative management is widespread (Beugré, 2015). Recent fieldwork done by researchers from the Gordon Institute of Business Science has found that even subsidiaries of foreign multinationals find that they are expected to conduct *kgotla* to get decisions made. Understanding not only how *kgotla* functions,

but also how a small and relatively poor African country was able to insist that international business acknowledge and implement one of its historical governance structures, are important avenues for future research.

Both *ubuntu* and *kgotla* point to the importance of communities and tribal structures in both enabling and conditioning business conduct in Africa. A focus on relational structures as control and governance mechanisms in opposition to markets and hierarchies is not new in management studies. For example, Ochi (1980) conceptualized clans as alternative control mechanisms guiding economic exchanges based on traditions, rather than rules or prices, and supported by a combination of reciprocity, legitimate authority and common values and beliefs. Powell (1990), in a similar fashion, introduced networks as organizational forms in opposition to markets and hierarchies, by specifying them as trust and reciprocity-based relational structures that allow for economic exchanges both markets and hierarchies are ill-suited.

But research on Africa with its renewed focus on relationships may require of scholars to revisit those older attempts at theorizing. Our brief review suggests that tribal or community structures in Africa share some of the properties of clans and networks as conceptualized previously, but also feature new properties. For example, given the lack of formal market institutions as well as employment opportunities in large hierarchies, operating in or through community structures seems more a necessity rather than an option in African countries. It is, therefore, necessary to better understand how community structures facilitate and constrain various forms of economic exchange – from simple to complex, from predictable to uncertain.

In sum, studying locally embedded communities and value systems helps better understand the limits of Western models in stimulating business and economic growth in various other contexts in the world. For example, Bagire and Namada (2015) argue that the focus of Western (business) education on corporate goals is at odds with the traditional focus of education in many African communities on personal growth, integrity and community service. In other words, local values often collide with imported values. It will be thus critical to understand how the co-existence of, and partial conflict between such value systems affect business education and practice.

CONCLUSIONS

In this article, we argued and explained how research on firms in Africa can serve as a laboratory for extending our current understanding of theories of organization. We proposed that Africa and its businesses are not only an interesting setting that has received relatively little attention in the management literature but also, and more importantly, a setting that can help existing literature in three ways, which Table 4 summarizes: extreme conditions, new phenomena and alternative paradigms of social relationships.

*** Insert Table 4 about here ***

First, some of the conditions of the environment in which firms operate are quite extreme, particularly regarding the underdevelopment of infrastructure and institutions. These conditions can help identify some of the implicit assumptions upon which current theories of the organization and their decision-making are built, and thus extend those theories by modifying their predictions to address business under extreme conditions.

A second approach is to delve into the analysis of these firms and their context to identify phenomena that are new, and that can be the basis for new areas of research. These require going beyond the usual approach of trying to fit theories to existing phenomena and, instead, analyzing the phenomena to try to identify new mechanisms and factors that influence how organizations operate under new conditions.

A third and more complex approach is to go even deeper in the understanding of the context in Africa and build new theories of the organization by understanding paradigms that are alternative to the philosophical approaches that dominate Western thinking and the theories of the organization built on such approaches. Instead of the traditional individualistic approach that underpins much of existing theories of the organization, management scholars can analyze in detail approaches such as *Ubuntu* and create new approaches to our understanding of organizations and their place in society.

This three-pronged approach to building theory is a useful guide for experts from other regions, who can identify how the conditions of operation there can serve as the basis for improving our contextual understanding of management. While we are optimistic about the continent, we want to emphasize that scholars who focus on Africa can also advance business research by not glossing over dysfunctionality when it occurs. For example, Luiz and Stewart (2014) find that South African multinationals investing in the wider Africa often see themselves as victims of an institutionally underdeveloped context, and are blind to their role in strengthening a culture of corruption. They suggest that businesses are not simply “takers” of an institutional environment, but also “makers”; that they participate in a dynamic process that can either perpetuate or mitigate a culture of corruption.

Nonetheless, by invoking new paradigms of management, Africa-based research can play an important role. It can do so not only by providing alternatives to Anglo-Saxon business education, similar to what research in Japan and China has achieved in the past, but also by resisting the ongoing legacy of former colonial powers in higher education in Africa (Bagire and Namada, 2015). We, therefore, hope that the suggestions presented here are useful not only for encouraging more studies of firms in Africa but also for encouraging more studies that take Africa and its businesses seriously as the basis for extending management theory.

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Figure 1. Main concepts and ideas discussed in the article

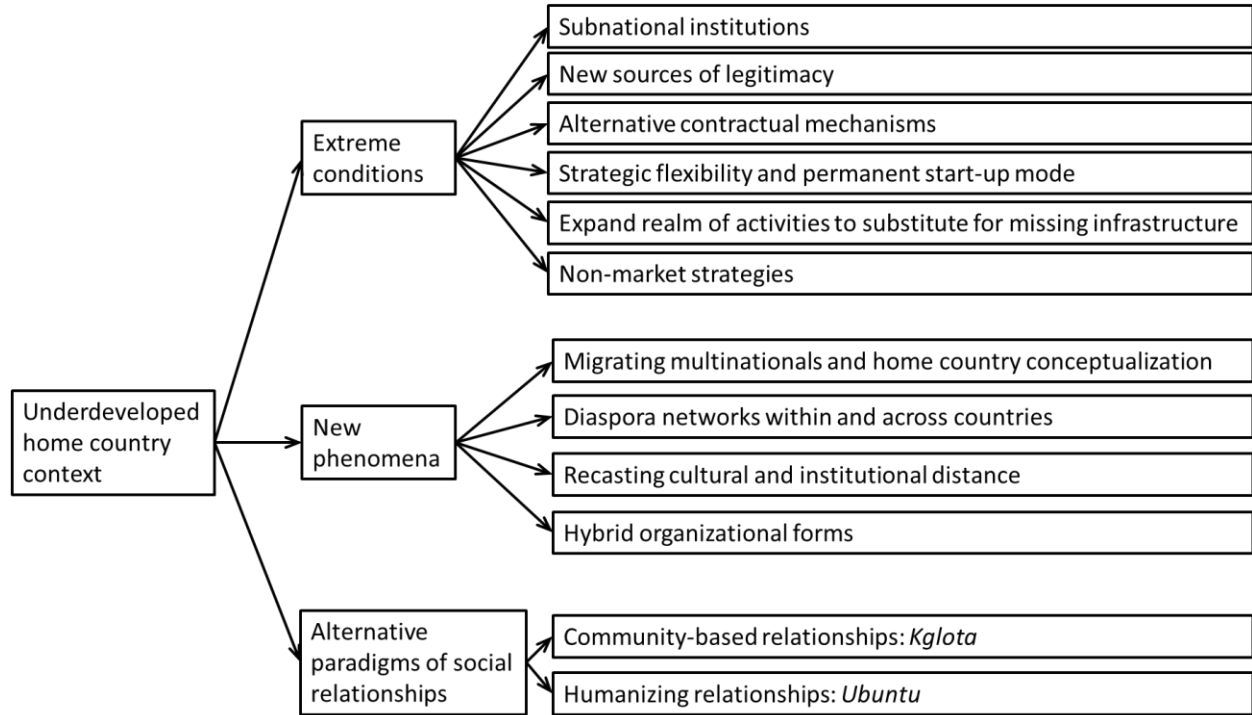
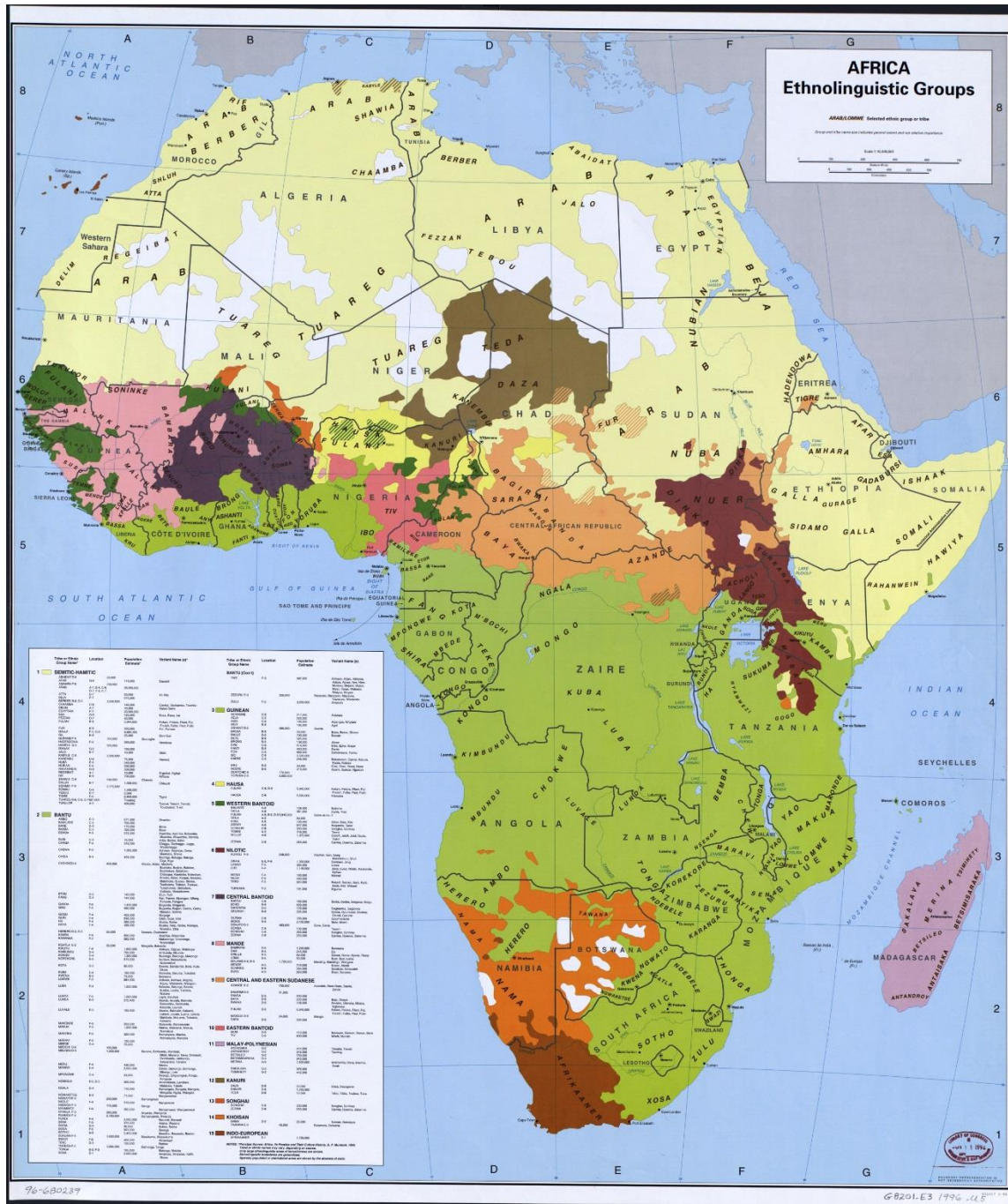
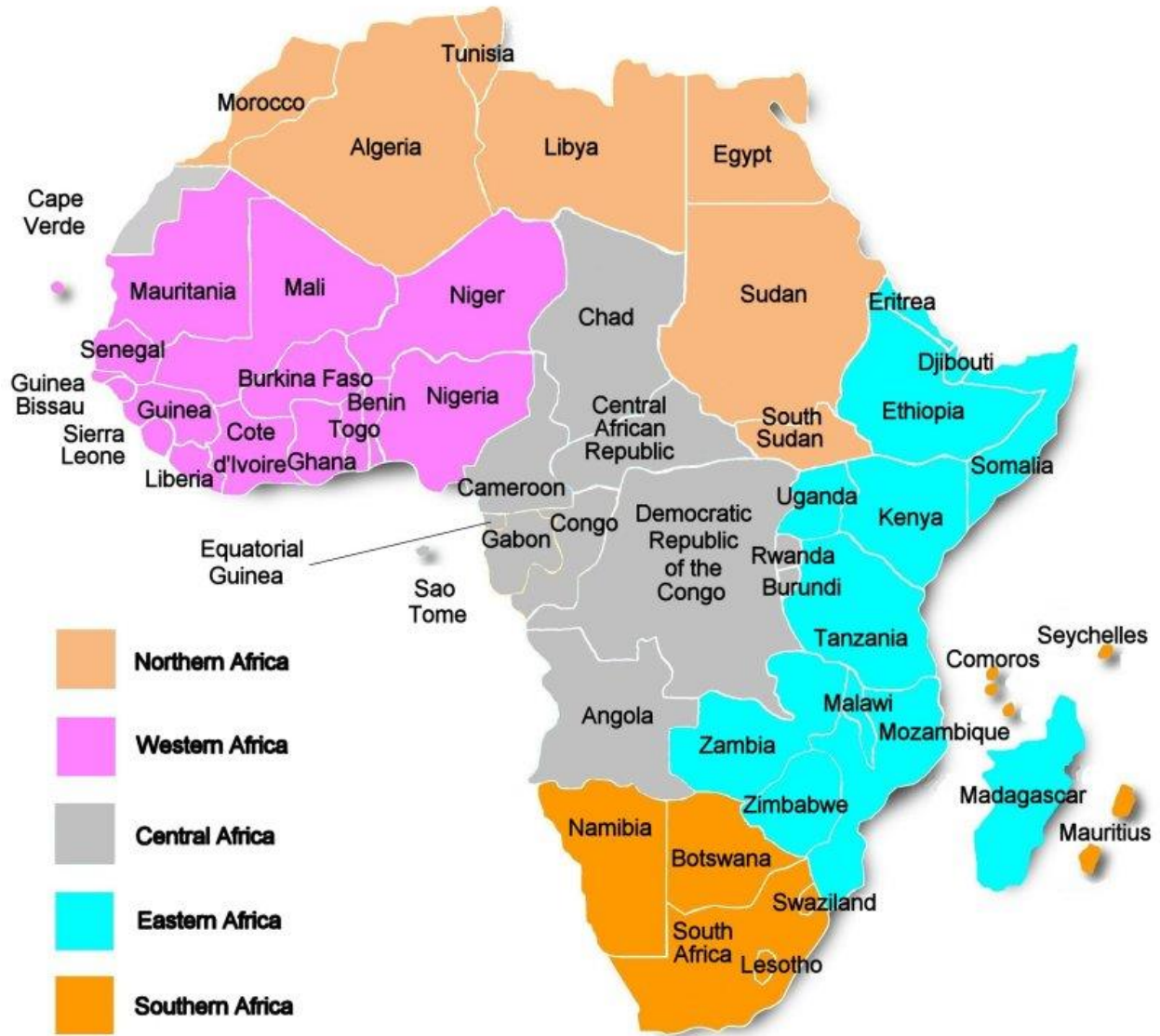


Figure 2. Ethnolinguistic map of Africa



Source: United States. Central Intelligence Agency. - Library of Congress Geography and Map Division, Call number G8201.E3 1996 .U5 This map is available from the United States Library of Congress's Geography & Map Division under the digital ID g8201e.ct001294. https://en.wikipedia.org/wiki/List_of_regions_of_Africa#/media/File:Africa_ethnic_groups_1996.jpg

Figure 3. Regions in Africa.



Source: African Telecoms News (2016)

Table 1. Basic indicators of countries in Africa.

	Population (thousands)	Land area (thousands of km ²)	Population density (pop. / km ²)	GDP based on PPP valuation (USD Million)	GDP per Capita (PPP valuation, USD)	Annual real GDP growth (average over 2007-2015)
Algeria	39 667	2 382	17	570 638	14 386	3.1
Angola	25 022	1 247	20	185 246	7 403	6.2
Benin	10 880	115	95	21 156	1 945	4.5
Botswana	2 262	582	4	37 160	16 424	4.7
Burkina Faso	18 106	274	66	31 184	1 722	5.9
Burundi	11 179	28	402	7 882	705	3.4
Cabo Verde	521	4	129	3 479	6 684	3
Cameroon	23 344	475	49	72 109	3 089	4.1
Central African Republic	4 900	623	8	3 052	623	-1.4
Chad	14 037	1 284	11	32 003	2 280	5
Comoros	788	2	424	1 214	1 539	1.7
Congo	4 620	342	14	28 919	6 259	4.4
Congo, Dem. Rep.	77 267	2 345	33	63 266	819	6.9
Côte d'Ivoire	22 702	322	70	78 335	3 451	4.6
Djibouti	888	23	38	3 093	3 484	5.2
Egypt*	91 508	1 001	91	995 969	10 884	4.1
Equatorial Guinea	845	28	30	25 944	30 701	6.8
Eritrea	5 228	118	44	7 939	1 519	1.9
Ethiopia*	99 391	1 104	90	159 224	1 602	10.5
Gabon	1 725	268	6	34 409	19 944	4.5
Gambia	1 991	11	176	3 269	1 642	3.7
Ghana	27 410	239	115	113 349	4 135	6.7
Guinea	12 609	246	51	15 276	1 212	2.2
Guinea-Bissau	1 844	36	51	2 676	1 451	3.3
Kenya	46 050	580	79	143 051	3 106	5.1
Lesotho	2 135	30	70	5 777	2 706	4.7
Liberia	4 503	111	40	3 781	840	6.3
Libya	6 278	1 760	4	92 875	14 793	0.2
Madagascar	24 235	587	41	35 556	1 467	2.6
Malawi	17 215	118	145	20 558	1 194	5.6
Mali	17 600	1 240	14	29 151	1 656	3.9
Mauritania	4 068	1 031	4	16 427	4 039	3.7
Mauritius	1 273	2	624	24 509	19 250	4
Morocco	34 378	447	77	274 526	7 986	4.1
Mozambique	27 978	799	35	33 726	1 205	7
Namibia	2 459	824	3	24 839	10 102	4.6
Niger	19 899	1 267	16	18 960	953	5.6
Nigeria	182 202	924	197	1 105 343	6 067	6
Rwanda	11 610	26	441	20 321	1 750	7.5
Sao Tome and Principe	190	1	198	664	3 488	4.8
Senegal	15 129	197	77	36 300	2 399	3.8
Seychelles	96	0.46	210	2 533	26 259	4.7
Sierra Leone	6 453	72	90	9 832	1 524	5.1
Somalia	10 787	638	17
South Africa	54 490	1 219	45	724 010	13 287	2.3
South Sudan	12 340	644	19	22 461	1 820	9
Sudan	40 235	1 879	21	167 421	4 161	4
Swaziland	1 287	17	74	10 869	8 446	1.9
Tanzania	53 470	947	56	138 304	2 587	6.7
Togo	7 305	57	129	10 816	1 481	4.1
Tunisia	11 254	164	69	127 213	11 304	2.7
Uganda	39 032	242	162	79 753	2 043	6.5
Zambia	16 212	753	22	64 647	3 988	7
Zimbabwe	15 603	391	40	27 916	1 789	3.1
Africa	1 184 501	30 066	39	5 768 932	4870	4.6

Note: * For Egypt and Ethiopia, fiscal year July (n-1)/June (n).

Sources: United Nations, Department of Economic and Social Affairs, Population Division, World Population Prospects, The 2015 Revision. AfDB Statistics Department, various domestic authorities and AfDB estimates. ADBG (2015).

Table 2. Largest African firms in Forbes 500 (2016)

Rank 2016	Company	Country	Sales	Profits	Assets	Market Value
317	Standard Bank Group	South Africa	15.40	1.90	127.70	14.40
440	Steinhoff International	South Africa	13.30	1.40	25.10	22.80
463	Sasol	South Africa	13.30	1.40	24.40	20.90
502	FirstRand	South Africa	5.80	1.70	73.50	18.50
523	MTN Group	South Africa	11.50	1.60	20.30	18.90
680	Naspers	South Africa	6.40	1.10	13.30	60.00
725	Sanlam	South Africa	6.60	0.74	43.20	10.50
1062	Bidvest Group	South Africa	15.10	0.48	6.60	8.40
1148	Attijariwafa Bank	Morocco	3.20	0.46	41.50	7.20
1220	Dangote Cement	Nigeria	2.50	0.93	5.60	13.80
1367	Commercial International Bank	Egypt	2.30	0.61	22.90	5.50
1497	Shoprite Holdings	South Africa	9.30	0.34	3.30	6.70
1529	Remgro	South Africa	2.10	0.61	6.30	9.30
1550	Zenith Bank	Nigeria	2.10	0.53	20.10	1.90
1590	Aspen Pharmacare Holdings	South Africa	2.80	0.47	6.80	10.10
1652	MMI Holdings	South Africa	5.30	0.24	29.00	2.60
1683	FBN Holdings	Nigeria	2.80	0.40	21.60	0.60
1817	Guaranty Trust Bank	Nigeria	1.50	0.49	13.30	2.30
1844	Banque Centrale Populaire	Morocco	2.10	0.26	33.20	4.10
1897	RMB Holdings	South Africa	0.32	0.61	2.50	5.80
1980	BMCE Bank	Morocco	1.80	0.20	28.20	3.80

Source: Forbes (2016)

Table 3. Largest firms in Africa (Africa Report)

Rank 2014	Company	Sector	Country	Turnover (2013), \$ mn	Net Profits (2013), \$ mn	Profit/turnover %
1	Sonatrach	Petroleum	Algeria	67827.8	5236.1	7.7
2	Sonangol	Petroleum	Angola	40070.0	3089.8	7.7
3	Sasol	Chemicals	South Africa	17256.8	2587.7	15.0
4	The Bidvest Group	Diversified	South Africa	14604.1	481.0	3.3
5	Eskom	Utilities	South Africa	13281.0	674.9	5.1
6	MTN Group	ICT/Telecoms	South Africa	12994.3	2894.1	22.3
7	Steinhoff International Holdings	Wood and paper	South Africa	10994.3	755.9	6.9
8	Sanlam	Insurance	South Africa	9710.4	869.6	9.0
9	Shoprite Holdings	Retail	South Africa	8829.5	344.2	3.9
10	Imperial Holdings	Transport	South Africa	8794.8	350.9	4.0
11	Bidvest Foods	Agribusiness	South Africa	7873.0	238.0	3.0
12	Vodacom Group	ICT/Telecoms	South Africa	7207.7	1301.1	18.1
13	Massmart Holdings	Retail	South Africa	6903.2	127.8	1.9
14	The Bidvest Group South Africa	Diversified	South Africa	6597.4	399.8	6.1
15	Société Nationale D'Investissement	Diversified	Morocco	6321.4	n.a.	n.a.
16	Barloworld	Diversified	South Africa	6197.7	153.7	2.5
17	De Beers Consolidated Mines	Mining	South Africa	6074.0	n.a.	n.a.
18	Pick'N Pay Stores Holdings	Retail	South Africa	6060.6	55.4	0.9
19	Naspers	Media	South Africa	5971.7	621.6	10.4
20	Société Anonyme Marocaine De L'Industrie Du Raffinage	Refining	Morocco	5943.2	38.7	0.7
21	Sappi	Wood and paper	South Africa	5925.0	-161.0	-2.7
22	Vodacom South Africa	ICT/Telecoms	South Africa	5883.9	1737.0	29.5
23	Datatec	Media	South Africa	5688.1	55.8	1.0
24	Office Chérifien Des Phosphates	Mining	Morocco	5676.2	1043.8	18.4
25	Anglogold Ashanti	Mining	South Africa	5497.0	-2230.0	-40.6
26	Transnet	Transport	South Africa	5388.9	492.3	9.1
27	Suez Canal Authority	Ports	Egypt	5300.0	n.a.	n.a.
28	Kumba Iron Ore	Mining	South Africa	5184.7	1932.6	37.3
29	Aveng	Diversified	South Africa	5041.7	-36.3	-0.7
30	Anglo American Platinum Corp.	Mining	South Africa	4988.9	-130.4	-2.6
31	SABMiller South Africa	Food and drink	South Africa	4951.0	n.a.	n.a.
32	MTN Nigeria	ICT/Telecoms	Nigeria	4584.7	n.a.	n.a.
33	Spar Group	Retail	South Africa	4550.2	113.3	2.5
34	Total South Africa	Petroleum Services	South Africa	3930.5	72.7	1.8
35	Entreprise Nationale De Distribution Et De Commercialisation Des Produits Pétroliers	Petroleum Services	Algeria	3848.0	n.a.	n.a.
36	MTN South Africa	ICT/Telecoms	South Africa	3780.1	n.a.	n.a.
37	Middle East Oil Refineries	Petroleum Services	Egypt	3571.0	94.0	2.6
38	Groupe Maroc Télécom	ICT/Telecoms	Morocco	3453.9	670.0	19.4
39	Global Telecom Holding (Ex-Orascom Telecom)	ICT/Telecoms	Egypt	3447.0	-2914.0	-84.5
40	Liberty Group	Insurance	South Africa	3406.4	425.5	12.5
41	Woolworths Holdings	Retail	South Africa	3370.0	251.1	7.5
42	Old Mutual Life Assurance Co.	Insurance	South Africa	3293.3	437.2	13.3
43	Transnet Freight Rail	Rail Transport	South Africa	3275.9	346.6	10.6
44	Cévitel	Agribusiness	Algeria	3260.4	381.9	11.7
45	Murray & Roberts Holdings	Construction	South Africa	3256.7	140.0	4.3
46	Société Ivoirienne De Raffinage	Refining	Côte d'Ivoire	3233.2	0.3	0.0
47	South African Airways	Air Transport	South Africa	3192.7	-137.6	-4.3
48	Telkom	ICT/Telecoms	South Africa	3147.4	375.4	11.9
49	Arcelor Mittal South Africa	Metals	South Africa	3086.5	-204.4	-6.6
50	JD Group	Retail	South Africa	3066.4	163.2	5.3

Source: Africa Report (2015)

Table 4. Using context to build theory: Three alternative approaches

	Theorizing from extreme conditions	Theorizing from new phenomena	Theorizing from alternative paradigms of social relationships
Mechanism for expanding theory	Identify and test implicit assumptions embodied in existing theories in contrast to the extreme conditions	Identify hitherto undocumented phenomena and theorize their functioning	Apply different philosophical approaches to business and organizing to develop novel theory
Triggers for phenomenon	Underdeveloped infrastructure and institutions	Ways of doing business that respond to local needs	Different conceptions of social relationships
Examples	Expanded use of institutional theory beyond its typical focus on formal institutions	Refined understanding of the possibilities and limitations of diaspora networks	New community-based theories that challenge the individualistic assumption of management theories <i>e.g. kgotla</i>