

# WORLDS OF RANKINGS

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# WORLDS OF RANKINGS

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# CONTENTS

*About the Contributors* ix

*Foreword: Research in the Sociology of Organizations* xiii

## **Worlds of Rankings**

*Leopold Ringel, Wendy Espeland, Michael Sauder and Tobias Werron* 1

## **THE PRODUCERS OF RANKINGS**

**Beyond Winners and Losers: Ranking Visualizations as Alignment Devices in Global Public Policy**  
*Justyna Bandola-Gill, Sotiria Grek and Matteo Ronzani* 27

**Stepping into the Spotlight: How Rankings Become Public Performances**  
*Leopold Ringel* 53

**Between Stakeholders and Third Parties: Regulatory Rankings and the Organization of Competition**  
*Rita Samiolo and Afshin Mehrpouya* 77

## **THE NEGOTIATION, INTERPRETATION AND INSTITUTIONALIZATION OF RANKINGS**

**“Measure of Shame”: Media Career of the Global Slavery Index**  
*Jelena Brankovic* 103

**Redefining Achievement: The Emergence of Rankings in American Baseball**  
*Clelia Minnetian and Tobias Werron* 127

**Caring for Numbers: Performing Healthcare Practices Through Performance Metrics in Sweden and the Netherlands**  
*Iris Wallenburg, Anne Essén and Roland Bal* 153

**THE EFFECTS OF RANKINGS**

<b>The Garbage Can Model and Organizational Metrics</b> <i>Michael Sauder, Hyunsik Chun and Wendy Espeland</i>	175
<b>Formality versus Flexibility: The Effects of Evaluation Practices on Judging and Performance</b> <i>Stacy E. Lom</i>	199
<b>Ranking Strategy: How Organizations Respond to the New Competitive Battlefields</b> <i>Neil Pollock, Luciana D'Adderio and Martin Kornberger</i>	221
<i>Index</i>	245



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# FOREWORD: RESEARCH IN THE SOCIOLOGY OF ORGANIZATIONS

*Research in the Sociology of Organizations* (RSO) publishes cutting edge empirical research and theoretical papers that seek to enhance our understanding of organizations and organizing as pervasive and fundamental aspects of society and economy. We seek provocative papers that push the frontiers of current conversations, that help to revive old ones, or that incubate and develop new perspectives. Given its successes in this regard, RSO has become an impactful and indispensable fount of knowledge for scholars interested in organizational phenomena and theories. RSO is indexed and ranks highly in Scopus/SCImago as well as in the Academic Journal Guide published by the Chartered Association of Business schools.

As one of the most vibrant areas in the social sciences, the sociology of organizations engages a plurality of empirical and theoretical approaches to enhance our understanding of the varied imperatives and challenges that these organizations and their organizers face. Of course, there is a diversity of formal and informal organizations – from for-profit entities to non-profits, state and public agencies, social enterprises, communal forms of organizing, non-governmental associations, trade associations, publicly traded, family owned and managed, private firms – the list goes on! Organizations, moreover, can vary dramatically in size from small entrepreneurial ventures to large multi-national conglomerates to international governing bodies such as the United Nations.

Empirical topics addressed by *Research in the Sociology of Organizations* include: the formation, survival, and growth of organizations; collaboration and competition between organizations; the accumulation and management of resources and legitimacy; and how organizations or organizing efforts cope with a multitude of internal and external challenges and pressures. Particular interest is growing in the complexities of contemporary organizations as they cope with changing social expectations and as they seek to address societal problems related to corporate social responsibility, inequality, corruption and wrongdoing, and the challenge of new technologies. As a result, levels of analysis reach from the individual, to the organization, industry, community and field, and even the nation-state or world society. Much research is multi-level and embraces both qualitative and quantitative forms of data.

Diverse theory is employed or constructed to enhance our understanding of these topics. While anchored in the discipline of sociology and the field of management, *Research in the Sociology of Organizations* also welcomes theoretical engagement that draws on other disciplinary conversations – such as those in political science or economics, as well as work from diverse philosophical traditions. RSO scholarship has helped push forward a plethora theoretical conversations on

institutions and institutional change, networks, practice, culture, power, inequality, social movements, categories, routines, organization design and change, configurational dynamics and many other topics.

Each volume of *Research in the Sociology of Organizations* tends to be thematically focused on a particular empirical phenomenon (e.g., creative industries, multinational corporations, entrepreneurship) or theoretical conversation (e.g., institutional logics, actors and agency, microfoundations). The series publishes papers by junior as well as leading international scholars, and embraces diversity on all dimensions. If you are scholar interested in organizations or organizing, I hope you find *Research in the Sociology of Organizations* to be an invaluable resource as you develop your work.

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# WORLDS OF RANKINGS

Leopold Ringel, Wendy Espeland, Michael Sauder and  
Tobias Werron

## ABSTRACT

*Rankings have become a popular topic in the social sciences over the past two decades. Adding to these debates, the present volume assembles studies that explore a variety of empirical settings, emphasizing the importance of acknowledging that there are multiple “Worlds of Rankings.” To this end, the first part of the chapter addresses the implications of two modes of criticism that characterize much of the scholarly work on rankings and summarizes extant conceptual debates. Taking stock of what we know, the second part distinguishes three areas of empirical research. The first area concerns the activities of those who produce rankings, such as the collection of data or different business strategies. Studies in the second area focus on inter-organizational, field-level, or discursive phenomena, particularly how rankings are received, interpreted, and institutionalized. The third area covers the manifold effects that research has unveiled, ranging from the diffusion of practices and changes in organizational identities to emotional distress. Taken together, the contributions to this volume expand our knowledge in all three areas, inviting new debates and suggesting pathways forward.*

**Keywords:** Comparisons; effects; fields; institutionalization; quantification; rankings

## INTRODUCTION

A newly tenured professor attended a workshop organized by the university at which an enthusiastic research manager made an announcement. Compared to last year, the university had received “more third-party funding.” This was

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Worlds of Rankings

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good news to be celebrated. Then came a noticeable “but.” “But,” the professors were told, several other universities had received “*more more*” in third-party funding, which, the research manager thought, was a serious problem. Thus, although the university might have improved its “performance” in absolute numbers, a comparison with other universities revealed that “we” had actually “lost ground.”

As social scientists, we have the luxury of taking one step back to ask: Why is it noteworthy that “we” have “more third-party funding”? Why is the comparison with other universities necessary? Why does it even matter that others receive “*more more*”? Questions like these and the worries of our research manager, we believe, are intimately connected to and can only be adequately understood in the context of the ongoing proliferation of public measures, which evaluate organizational performances and influence the way we think about these performances. There are a wide variety of public measures such as different kinds of ratings, benchmarks, classifications – and *rankings*. We believe that the latter in particular are highly impactful because they create precise and visible hierarchies of their targets. Rankings not only allow us to see, for instance, how our “more” compares to the “more” of our peers, but also show us where we stand in relation to all others in our field and the distance separating us. That is, we can see whether we have “*more more*” or “*less more*.”

While a great deal of rankings scholarship has focused on universities and higher education, rankings have become a force to be reckoned with in many areas of modern life. Ministries of education anxiously await the triennial publication of the programme for international student assessment (PISA) study to find out whether they have to publicly justify a fall in rank (Grek, 2009; Landahl, 2020). Organizations in need of new software consult IT rankings such as the “magic quadrant” when making decisions (Pollock & D’Adderio, 2012), development aid agencies are scrutinized by the Aid Transparency Index, a measure that has re-shaped the field of development aid (Honig & Weaver, 2019), and “pigeon-fanciers” – breeders of racing pigeons – use the PIPA (Pigeon Paradise) rankings to sell their “products” to wealthy Asian buyers (Bahrami & Meyer, 2019). As these examples and many others show, rankings permeate diverse sectors and concern multiple dimensions of individual and organizational behavior. Some are global while others are national; some are generally accepted while others are heavily contested; some occupy a competitive space, vying for advantage with multiple rankings, while others have the status of a quasi-monopolist; and some have been around for decades while others have only recently been founded. In short, rankings are not only pervasive, but also incredibly diverse – a fact that this volume does not turn a blind eye to but instead takes as its point of departure.

Corresponding to the flood of rankings into ever more areas of modern life is a burgeoning field of research engaged in studying this phenomenon. From the distinct allure of rankings, to their production, institutionalization, and effects, social science scholarship has provided us with a great deal of insight. Efforts to further our understanding of rankings, however, have been impeded by established academic divisions of labor, as studies in different areas have by



and large remained in their respective trenches. Broadly speaking, higher education scholars study higher education rankings, international relations scholars study nation state rankings, management and organizational scholars study all kinds of corporate rankings, sociologists of the arts study artists' rankings, and health researchers study hospital rankings. While these silos produce valuable knowledge about the effects of rankings in particular realms, we believe that there is much to gain from taking a more encompassing perspective, one that offers both a more general and a deeper understanding of the multiple *worlds of rankings*. For this reason, the present volume assembles scholars from a variety of disciplinary backgrounds, with differing areas of expertise, who focus on diverse aspects of rankings in different domains.

## CRITIQUES OF RANKINGS

Over the past decades, we have witnessed a steady increase in scholarly interest in rankings, which has become a vibrant area of study. Generally speaking, research not only tends to provide analysis but also to pass judgment on rankings in one way or another. According to some, rankings are good and rational or at least serve a necessary purpose (even if methodological improvement is needed here and there), while others consider them inherently inadequate and sometimes harmful modes of assessment. Thus, scholars often not only observe, but participate and (try to) intervene in public debates about the promises, perils, and pitfalls of rankings. In analytical terms, we might distinguish two types of criticism: (a) the critique concerning the “how” of rankings, which in most cases is a critique of methodology; and (b) the critique which questions the very idea of rankings, which we tentatively call fundamental critique.

(a) To understand why so many scholarly contributions discuss rankings in strictly formal, technical, or methodological terms, we draw from Bourdieusian field theory, according to which the social sciences are located at the heteronomous pole of the scientific field as opposed to, for instance, mathematics which resides at the autonomous pole (Bourdieu, 2005). As a result, the social sciences often involuntarily act on behalf of idea(l)s, norms, discourses, and groups located outside of the scientific field and in so doing mirror public debates and concerns. Social scientists are

always prone to receive from the social world [they study] the issues that [they pose] about that world. Each society, at each moment, elaborates a body of social problems taken to be legitimate. (Bourdieu & Wacquant, 1992, p. 236)

Thus, “a good many titles of studies are nothing other than *social problems that have been smuggled into sociology* [emphasis added]” (Bourdieu & Wacquant, 1992, p. 237). In the case at hand, the most fundamental questions for stakeholders who sponsor, consume, or are subject to rankings are usually: Do rankings really measure what they claim to? If not, what should be done to make them better, more precise, more valid, etc.? This, we speculate, might be one of the reasons why social scientists often treat rankings in methodological terms and provide insights into whether and how they can be improved.

The following example, taken from an article discussing the social science foundation of university rankings, illustrates how such imaginaries are not only the tacit backdrop of scholarly inquiry but also often explicitly spelled out:

The most unnerving aspect of global university rankings is not their power to normalise and exclude – many other social systems do that, including “the economy” – but the *shaky methodologies*, the *arbitrary definitions* and *scope for manipulation*. University status starts to peel loose from its material foundations. Status becomes a circular game in which power makes itself. This highlights the *importance of data quality and interpretative validity*. If rankings are effectively grounded in real university activity there is potential for a virtuous constitutive relationship between university rank and university performance. [emphasis added]. (Marginson, 2014, p. 46)

Such questions permeate and sometimes even dominate scholarly debates on rankings – and they seem to have done so for a long time (Ringel & Werron, 2020). It comes as no surprise, then, that social scientists, producers of rankings, and other stakeholders (donors, lawmakers, etc.) frequently interact with each other and discuss methodological matters – at conferences, workshops, and in publications. For instance, in a volume edited by Marope, Wells, and Hazelkorn (2013), both producers of rankings and ranking researchers contribute articles, thus symbolically and practically aligning research and practice. In a sense, even the fiercest of methodological critics does not question the practice of ranking as such but treats it as a legitimate instrument of evaluation that merely needs refinement. This ultimately serves to reproduce deeply rooted ideals of progress, transparency, accountability, and “choice,” promoted by and undergirding rankings (Ringel & Werron, 2020). Whether intentionally or not, rankers, proponents, and opponents in a way accept the same set of tacit premises and rules when participating in “the rankings game” (Corley & Gioia, 2000).

(b) The second type of critique questions the very practice of ranking, focusing not on how well (or badly) implemented rankings are, but instead adopts a fundamentally critical perspective as the starting point of explorations. This means that, by default, rankings are considered to be flawed and “hostile” devices. Usually, they are designated symptoms, instruments, or catalysts of larger trends such as neoliberalism, helping to create a new world order by compelling those subject to their scrutiny to constantly strive to improve their performance. What is more, they define universal categories such as “excellence” or “human development” – which, upon closer analysis, turn out to be distinctly Western idea(l)s – thus neglecting local variations and traditions (e.g., in countries in the global south). Although this type of criticism can be found in several disciplines, higher education research and international relations have spawned particularly vibrant discourses around these critiques – critiques entrenched in a variety of social theories such as Foucault’s theory of surveillance, theories of neoliberalism, theories of globalization and post-colonial theories. The scholarly discourse on university rankings is particularly intense, possibly because they concern “us” and we therefore spend very much time and energy on criticizing them. Popular examples for critical accounts of university rankings are Slaughter and Rhoades (2004) and Münch (2014), both of which invoke the term “academic capitalism.” The implication

is that the higher education sector has been fundamentally restructured due to the institutionalization of a neoliberal mindset, and rankings are a part of this process of marketization and hierarchization (Jessop, 2017; Welsh, 2020). Others such as Shahjahan, Blanco-Ramirez, and Andreotti (2017) draw from globalization studies and post-colonial theories to conceptualize rankings as devices that promote “northern” and/or “western” visions of scientific excellence in the “global south” (Ishikawa, 2009). In a similar vein, Estera and Shahjahan (2018) argue that the visual appearance of the websites on which rankings are published might appear innocent and neutral, but actually reinforce institutionalized distinctions and hierarchies between students from the north and the south.

We have learned a great deal from critiques of ranking methodologies and their underlying biases. Yet, whether scholars participate in “the rankings game” (Corley & Gioia, 2000) or fundamentally reject it, both approaches come with a price attached: the nature of their criticisms truncates their ability to explore many of the social dynamics related to rankings and to outline new avenues of research. We believe that there is a third way of observing and studying rankings, which allows social science research to not only paint a more nuanced and encompassing picture, but perhaps even to ultimately find surprising (and more effective) ways of criticizing rankings. This third way grows out of studies that draw on a broad variety of social theories and concepts like “commensuration,” “reactivity,” or “self-fulfilling prophecies” (e.g., Espeland & Sauder, 2007). These studies share a commitment to *value neutrality* in the sense of Max Weber, encouraging analyses without passing judgment. In so doing, these theories and concepts grant a deeper understanding of the social world, essentially transforming “socially insignificant objects into scientific objects” and looking even at “a major socially significant object [such as rankings] from an unexpected angle” (Bourdieu & Wacquant, 1992, p. 221). These two complementary strategies – making the seemingly mundane significant and offering surprising explanations of well-established objects of research – allows for a form of critique in a more humble sense. By carefully tracing how empirical phenomena are fabricated, how they unfold, and what their consequences are, we can draw attention to the fact that they are not inevitable and that there is always possibility for change. Helping to move rankings research in this direction is exactly what the contributions to this volume set out to do.

## CONCEPTUAL CONSIDERATIONS: WHAT “IS” A RANKING?

We often presume to know what people mean when they refer to “a ranking” or “rankings,” but a great deal of scholarship neither defines the properties of rankings nor discusses whether rankings are devices distinct from other instruments of evaluation and comparison (Brankovic, Ringel, & Werron, 2018). As a result, rankings, ratings, benchmarks, indices, and indicators are often discussed interchangeably as instruments that have something to do with

measuring performances. For this reason, the present section provides a conceptual clarification as to what the properties of rankings might be and whether they amount to a social phenomenon that is in some ways distinct from other forms of evaluation.

First, it has often been pointed out that rankings are *numerical* and rely on calculative practices (Diaz-Bone & Didier, 2016; Espeland & Stevens, 2008; Esposito & Stark, 2019; Hansen & Flyverbom, 2015; Mau, 2019 Mennicken & Espeland, 2019). Notably, even experiments with rank-ordered evaluations in the eighteenth century had some sort of quantitative element, as illustrated in Spoerhase's (2018) study of European rankings of (dead) artists, based on evaluations on the scale of 0–20. This is important because over time numbers have become an institutionalized medium of communication (Heintz, 2010), evidenced by “an avalanche of printed numbers” (Hacking, 1990, p. 2). Numerical assessments, these studies claim, invoke the cultural authority of science, thus granting them an aura of precision that cannot be matched by other forms of evaluation (Merry, 2011). Furthermore, it is often argued that numbers are “portable” in the sense that they travel easily between contexts (Porter, 1995). As a result, numbers partake in the globalization of social templates, such as what nation states should look like (Heintz, 2010) or the meaning of “academic excellence” (Brankovic et al., 2018), and undergird many modern forms of governance (Bartl, Papilloud, & Terracher-Lipinski, 2019). In short, there is reason to believe that rankings as we know them today would not exist if it were not for the institutionalization of calculative practices.

Quantification, however, is a property that many evaluative devices have, but not all of them are equally impactful (Bartl & Papilloud, 2020). A distinguishing feature of rankings is that they are not only numerical but also *comparative*, presenting their scores on an ordinal scale (Fourcade, 2016). As has been shown elsewhere, comparisons of all kinds are powerful tools of communication, affecting the world on a broad scale, whether it concerns cultures, military strength, or human rights (Steinmetz, 2019). Thus, like numbers, comparisons are not only research methods but also social practices and should therefore be studied accordingly. Connecting quantification and comparison, Espeland and Stevens (1998) suggest the term *commensuration* to describe devices that assemble social entities on a common metric (e.g., school grades, ratings, benchmarks – and of course rankings) and thus draw attention to even the most minimal differences (Espeland & Sauder, 2007). What distinguishes rankings from other types of commensuration like ratings, is that they transform numerical comparisons into *zero-sum comparisons* (Werron, 2014, 2015; Werron & Ringel, 2017). Hence, while in principle all students can get an “A” on a test and all countries can receive an “AAA” financial rating, the gains of one ranked entity come at the expense of all the others in the ranking. This creates a situation that is much more conducive to competitive behavior than other types of evaluative schemes.

Modern rankings also have to be *visualized* in specific ways so as to invoke the imaginaries of social hierarchies that they promote, thus adding an esthetic dimension that is often neglected (Espeland & Stevens, 2008; Werron & Ringel, 2017). Typically, but not always (see, e.g., Pollock & D’Adderio, 2012), rankings

are visualized as league tables ordered from top to bottom, with the best at the top and the worst at the bottom. There is reason to believe that the ways in which rankings are visualized is of essence for their putative success. By virtue of visualization, the often-complex calculative practices that undergird rankings are transformed into a simplified and easy-to-understand “full picture” that invokes a competitive spirit and is therefore designed to pit the ranked against each other (Kornberger & Carter, 2010). In other words, competitive behavior is not “just there,” rather, it is a social construct that derives its power and seductiveness from the “scaresification” of reputation, which can be accomplished with rank-ordered visualizations (Brankovic et al., 2018).

Lastly, contemporary rankings are typically public measures (Espeland & Sauder, 2007). That is, only if *published* are they likely to “calibrate visibility” (Krüger & Hesselmann, 2020) in a way that addresses larger audiences and subsequently develops the sort of communicative power attributed to them by many studies (see below). Some have argued that what characterizes modern rankings is their periodical publication – for instance, in annual reports (Zapp, 2020) – as a result of which they introduce new temporal logics into fields (Brankovic et al., 2018; Landahl, 2020). Regular publication might seem like a mundane matter, but a historical view reveals that in many cases it has taken a long time to establish the necessary social, discursive, and material infrastructure (Ringel & Werron, 2020). Another factor that helps account for the increased frequency of rankings is the involvement of organizations in the production process. Organizations have the capability to ensure regular publication, they have the resources to address larger audiences, and they are able to deal with and even incorporate criticism (Ringel, Brankovic & Werron, 2020).

There are different ways of theorizing *audiences*. On the one hand, many conceptualize audiences in terms of larger or smaller groups of people who can become constituencies for rankings – that is, as rankings circulate, people who attend to them can find new uses such as creating investments. This helps to institutionalize public measures and it also changes their meanings. For example, university rankings can become proxies for evaluating the performances of administrators or the abilities of job candidates (Espeland & Sauder, 2016). On the other hand, although rankings are certainly consumed by real people, they can also be conceived as addressing more general publics, claiming to speak on their behalf and thus constructing said publics by virtue of publication (Warner, 2002; Werron, 2014, 2020; Werron & Ringel, 2017). In the act of publication, rankings enact specific visions of publics, which, in a sense, are literally talked “into existence” (Flyverbom & Reinecke, 2017, p. 1637; see also Albu & Flyverbom, 2019). Students are interested in choosing the best university for their needs; consumers want a rich experience when visiting restaurants; citizens are concerned about corporate social responsibility; and so forth – all of these statements might reflect what some people think, but they are also powerful imaginations which, once made public, develop a life of their own.

In sum, these different properties amount to a distinct conceptualization of modern rankings. They are numerical zero-sum comparisons, visualized in easy-to-understand depictions (most often, but not only in league tables), regularly

published by organizations of various kinds, and are both shaped by and shape the audiences they address.

## AREAS OF RESEARCH: (1) THE PRODUCERS OF RANKINGS

A variety of studies cast light on the producers of rankings. Such diverse organizations like Mercer (Quality of Living City Ranking), the United Nations Development Programme (Human Development Index), Transparency International (TI) (Corruption Perception Index), the World Bank (Ease of Doing Business Index), the Centre for Science and Technology Studies of Leiden University (CWTS Leiden Ranking), or the Institute for Urban Strategies by the Mori Memorial Foundation (Global Power City Index), produce, publish, and promote rankings. While studies tend to focus more on the effects of rankings (see below), [Rindova, Martins, Srinivas, and Chandler \(2018\)](#) argue that it is of essence to zoom in closely on those who make rankings, referring to them as “rankings entrepreneurs” to highlight their active and at times even constitutive role in the success of rankings.

Targeting the *production process*, several studies explore the social processes guiding the collection and interpretation of data. In their study of the TripAdvisor website and the hotel guide of the British Automobile Association, [Orlikowski and Scott \(2014\)](#) discuss the differences between algorithms that aggregate the reviews of laymen – e.g., customers (in the case of TripAdvisor) – and individual experts who receive training to assess hotels according to standardized criteria. While the former involves a complex electronic infrastructure and a permanent influx of new reviews, the latter is contingent on the ranking organization (in this case: the Automobile Association) to provide adequate training and to have expert audits in order to control for individual biases when qualitative impressions are transformed into numbers (see also [Krüger, 2020](#) for the algorithmic infrastructure of devices such as rankings). Similarly, [Mehrpouya and Samiolo \(2016\)](#) show how the producer of the Access to Medicine Index, the Access to Medicine Foundation, compels those working on the Index to “act as a robot” ([Mehrpouya & Samiolo, 2016](#), p. 22): employees have to learn to control their emotions and reach a state where they are “objective” enough to engage in evaluation activities. Exploring a Danish classification scheme of research journals, [Bruun Jensen \(2011\)](#) details how those who are impacted by the scheme – scholars – are involved in the process of its creation by deciding on the order of journals. And finally, [Pollock and D’Adderio \(2012\)](#) explore the complex decision processes behind IT rankings called “magic quadrants,” particularly whether new rankings should be created or old ones retired.

A second theme in the literature concerns practices of *visualization*. Some studies show how producers of rankings reflect a great deal on the appeal of numerical pictures. Invoking the term “good distribution,” the informants of [Mehrpouya and Samiolo \(2016\)](#) call for attention to the process of assembling pharmaceutical companies on the Access to Medicine Index in a way so that the overall picture