Norman Schofield · Gonzalo Caballero · Daniel Kselman Editors

## **Advances in Political Economy**

Institutions, Modelling and Empirical Analysis

This book presents latest research in the field of Political Economy, dealing with the integration of economics and politics and the way institutions affect social decisions. The focus is on innovative topics such as an institutional analysis based on case studies; the influence of activists on political decisions; new techniques for analyzing elections, involving game theory and empirical methods.

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Social Sciences / Political Science



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- (a) The original institutionalism in economics (Thorstein Veblen, John Commons, Clarence Ayres) rejected the foundations of neoclassical analysis and adopted the methods of holism analysis. The contributions of such old institutionalists was marked by an anti-formalist nature, a tendency to argue in holistic terms and a "collectivist and behavioristic framework", as well as their rejection to the individualist welfare criterion and their tendency towards a certain economic interventionism (Rutherford 1994). It was centered on distributive consequences of the many institutional structures and devised its theories and analysis based on the conceptualization of power.
- (b) The old institutionalism tradition in political science was made up of a set of multi-approach heterogeneous contributions and assumed certain general characteristics such as legalism, structuralism, holism, historicism and normative analysis (Peters 1999).
- (c) The earlier sociological institutionalism pioneered by Talcott Parsons (1937) assumed the existence of institutions, but it did not emphasize institutional analysis. Just as Nee (1998, p. 5) points out the tradition of comparative institutional analysis established in the classical and modern periods of sociology, provides an appropriate foundation for the new institutional approach in sociology, where Weber (1922—*Economy and Society*) is probably the best example of the traditional sociological approach to comparative institutional analysis.

On the other hand, New Institutionalism in the social sciences assumes the choice-theoretic tradition and generally presumes purposive action on the part of individuals, who act with incomplete information, inaccurate mental models and costly transactions (Nee 1998). It tends to move towards methodological individualism, the conceptualization of voluntary exchange and the study of the effects of alternative institutional frameworks on efficiency. In this manner, "new institutionalism" appears to be more formalistic, individualistic and reductionist, it is orientated to rational choice and "economizing models", and it shows a less-interventionist character (Rutherford 1994).

In economics, Coase (1984) sustained that "if modern institutionalists had any antecedent, then we should not be looking for these in their immediate predecessors". NIE therefore did not arise from the old institutionalism but was created thanks to a set of contributions that highlighted the relevance of institutional and organizational aspects, and these contributions arose from different scientific areas such as Property Rights Analysis, the New Economic History, the New Industrial Organization, Transaction Cost Economics, Comparative Economic Systems, and Law and Economics (Eggertsson 1990). The analytical framework of the NIE is a modification of neoclassical theory, and it preserves the basic assumptions of scarcity and competence, as well as the analytical tools of microeconomic theory, however, it modifies the assumption of rationality and further adds a time dimension (North 1994).

Nevertheless, the idea of a serious rift between the old and new institutionalist economists has been modified in recent times. For example, North (1994, 2005), Greif (2006) and Ostrom (2007) surpassed the limits of the methodological individualism and the hypothesis of rationality, going beyond the bounded rationality.

In this sense, Groenewegen et al. (1995) found some bridges between new and old institutionalism via the North's contributions, and Hodgson (1998) pointed out the evolution of the new institutionalist project towards a possible convergence with the thinking of the old economic institutionalism. In spite of the considerable concern among new economic institutionalists to differentiate themselves sharply from the old American institutionalism, some aspects of the new institutionalism are connecting back to the old institutionalism in recent years (Rutherford 2001).

Simultaneously with the consolidation of the New Institutional Economics, Hall and Taylor (1996) stated that during the eighties and nineties of the 20th century, there existed three approaches in political science and sociology, each of which called itself a "new institutionalism" as a reaction to the behavioral perspectives, these being:

- (1) Historical Institutionalism developed in response to the group theories of polities and structural functionalism, and it defines institutions as formal and informal procedures, routines, norms and conventions embedded in the organizational structure of the polity. This approach emphasizes the relevance of early decisions throughout political history: the initial political decisions determine the course of politics and consequently of any posterior political decision (Thelen and Steinmo 1992; Thelen 1999; Pierson 2000; Pierson and Skocpol 2002). This implies that there exists a "path dependence" which generates an institutional inertia, which results in the persistence of initial decisions made by government. Historical institutionalism, whose term was coined by Theda Skocpol, has Peter Hall (1986) as one of its principal precursors, however it was Steinmo, Thelen and Pierson who provided some of the main contributions to this approach.
- (2) Rational choice institutionalism (RCI) arose from the study of the American congressional behavior and it received some inputs from the "new economics of organization". This approach perceives institutions as a system of rules and incentives for behavior within which individuals try to maximize their benefit and therefore RCI sustains that behavior is a function of rules and incentives. Four of its features are as follows: (A) It employs a model of rationality when it tries to explain human behavior. (B) It tends to see politics as a series of collective action dilemmas. (C) It emphasizes the role of strategic interaction in the determination of political outcomes. (D) With respect to the origin of institutions, RCI explains the existence of the institution by reference to the value provided by those functions to the actors affected by the institutions.
- (3) Sociological institutionalism has been developed in sociology, especially in organization theory. It considered that many of the institutional forms and procedures were not adopted to gain efficiency, but instead should be considered as culturally-specific-practices. This type of institutionalism, to which Hall and Taylor (1996) incorporate the contribution of March and Olsen (1984), can be characterized in the following manner: (A) Sociological institutionalists define institutions much more broadly than political scientists do, and their definition includes a set of elements such as symbol systems, cognitive scripts and moral templates. (B) It emphasizes the highly-interactive and mutually-constitutive

nature of the relationship between institutions and individual actions. (C) In as far as the origin and change of institutions is concerned, institutions can adopt a new institutionalist practice because it enhances the social legitimacy of the organization and its participants.

A more complete map of new institutionalism in social sciences has been presented using eight approaches (Peters 1999): Normative Institutionalism, Rational Choice Institutionalism, Historical Institutionalism, Empirical Institutionalism, New Institutional Economics, Sociological Institutionalism, Interest Representation Institutionalism and International Institutionalism. Although some of the classification criterions are not clear and could be discussed or adapted, this extended map is quite useful for understanding the diversity, pluralism and complexity of the new institutionalism in social sciences.

In that map, the sociological institutionalism indicated by Hall and Taylor (1996) is divided into two approaches namely, a normative institutionalism and a truly sociological institutionalism. (A) Normative institutionalism highlights the central role assigned to norms and values within organizations for understanding how institutions function and their influence on the behavior of individuals (March and Olsen 1984, 1989). Institutions mold their own participants and supply meaning systems for those participating in politics, and therefore this approach renounces the exogeneity of preferences. (B) There has been a strong institutional analysis tradition in sociological research right from the time of classical authors such as Weber or Durkheim. Such tradition has been maintained in areas like historical sociology and organizational sociology and we can distinguish between an old and a new institutional school of thought in sociology, based on the irrational sources of institutions, the conception of relations between the institution and its environment and the molding role of politics. The new approach in sociology should be construed as an individualization process of societies.

Moreover, another approach, empirical institutionalism in politics, has been added in the map due to its lack of theoretical approach and because it emphasizes a set of traditional empirical institutional issues. This approach empirically studies certain institutional differences and their effects, and furthermore indicates that government structure conditions the politics and decisions of governments. Empirical institutionalism has been centered on the study of a group of applied issues, such as the differences between presidential and parliamentary government, the case of the "divided government", the legislative institutionalization or the independence of central banks. Some of these contributions are descriptive and nearer to the old traditionalist approach (for examples, the contributions of Woodrow Wilson), but others imply a more advanced empirical analysis (Peters 1999).

Finally, pointing out the aim of the study, two other institutionalist approaches have been incorporated in the map. On the one hand, Interest Representation Institutionalism analyzes the structure of such "institutionalized relationships" between State and society, assuming that there are many relations in politics that are conceptualized as being less formal and highly institutionalized, such as Kickert et al. (1997) show. The interest representation institutionalism is especially centered on the analysis of the actions of political parties and interest groups. On the other hand,

the approach of International Institutionalism conceives international politics along institutional lines and highlights the role of structure when explaining the behavior of States. International institutionalism perceives regimes as international level institutions, since they generate stability and predictability, shape the behavior of States and promote a set of values. One of the relevant research lines in international institutionalism has been led by Keohoane and Nye (1977).

In this sense, the views of Hall and Taylor (1996) and Peters (1999) on institutionalism are different but compatible, and we should complete the overview with the incorporation of the NIE. In order to integrate TCP within the new institutionalism, we need to first perform a detailed analysis of RCI and the NIE.

# 3 Rational Choice-Institutionalism and New Institutional Economics

### 3.1 Rational Choice Institutionalism

The program of Public Choice was the principal development of rational choice for studying politics after the Second World War. Sometime later, academic tradition of rational choice gave rise to a set of tasks that assumed the importance of institutions in political life and included political institutions into the research agenda of rational choice theory. We can therefore use the concept of RCI (Shepsle 1986, 2006; Hall and Taylor 1996; Weingast 1996, 2002; Peters 1999).

RCI emerged from the rational choice approaches that assumed methodological individualism, and it inherits the importance of basing political activity on human behavior theories that explain the nature of individuals. As against other approaches, such as normative institutionalism, which do not provide a specific theory for human behavior, rational-choice is characterized for presenting a clear and explicit model of individual behavior. However, even though Rational Choice did not attend to institutions in a relevant manner during its early stages, it did end up generating theoretical developments which incorporated the role of political institutions. In this sense, some authors have used the expression "actor-centered institutionalism" to indicate the important role bestowed to individuals by the RCI (Peters 1999).

Rational choice theory has provided a distinctive set of approaches to the study of institutions, institutional choice and long-term durability of institutions (Weingast 1996, p. 167). This approach provides a systematic treatment of institutions through the importation of the micro-foundations of institutional analysis from rational choice theory. Institutions are conceived as a set of rules and incentives that restrict the choice possibilities of political agents, who seek to maximize their preferences within such an institutional framework. According to Kiser and Ostrom (1982), institutions are rules that individuals use to determine what and who is included in decision-making situations, how the information is structured, what measures can be taken and in what sequence, and how individual actions are integrated into collective decisions. In this manner, RCI sets out the role of institutions in political activity as a means of containing the uncertainty of action and political results.

RCI considers political institutions as structures of voluntary cooperation that resolve collective action problems and benefit all concerned. Therefore, the way to resolve collective action problems through cooperation can be found in formal or informal institutions, and this permits opportunistic individuals looking for personal gains to obtain mutual benefits.

Individuals observe that institutional rules also limit the choice possibilities of competitors, and realize that rules benefit the entire group of individuals. Shepsle (1986) states that any cooperation that is too costly at the individual agent level is facilitated at the institutional level. In this manner, institutions appear as ex-ante agreements to facilitate cooperation structures, as claimed by Weingast (2002), when he affirms that we need institutions to obtain gains from cooperation.

RCI assumes the following three features: (1) Rational individuals that maximize personal utility are the central actors in the political process. (2) RCI has been concerned with the problem of stability of results and the problem of control of public bureaucracy. (3) Institutions are formed on a tabula rasa (Peters 1999).

Weingast (1996) points out four characteristic features of RCI: (A) This approach provides an explicit and systematic methodology for studying the effects of institutions, which are modeled as constraints on action. (B) The methodology is explicitly comparative, through models that compare distinct institutional constraints with their corresponding implications in behavior and outcomes and through the analysis of how behavior and outcomes change as the underlying conditions change. Moreover, this approach affords comparisons of the behavior and outcomes under related institutions within a given country and of the effects of similar institutions across countries. (C) The study of endogenous institutions yields a distinctive theory about their stability, form and survival. (D) The approach provides the micro-foundations for macro-political phenomena such as revolutions and critical election.

Two separate levels of analysis can be distinguished in the RCI (Shepsle 1986, 2006; Weingast 1996), namely; (a) A level considers institutions as fixed and exogenous, i.e., analyzes that study the effects of institutions; (b) the other level studies institutions as endogenous variables, that is to say, why institutions take particular forms (Weingast 1996).

In as far as Weingast's (1996) first level of analysis is concerned, we have to point out that work has been done on almost all democratic institutions such as constitutions, the legislative body, the executive body, bureaucracy, the courts of justice and the elections. The analysis is centered on how institutions influence results and we can verify that micro level details have a great influence on results.

With respect to Weingast's (1996) second level of analysis, it covers questions such as why institutions take one form instead of another, and why institutions are altered in some circumstances but not others. The rules of the game are provided by the players themselves; and these tend to be simple rules. Institutional arrangements are focal and may induce coordination around them (Shepsle 2006). A model of institutional stability must allow institutions to be altered by specific actors and it must show why these actors have no incentives to do so (self-enforcing institutions) (Weingast 1996).

Institutionalists of rational choice highlight the role of institutions in strategic interaction between actors and in determination of political results (Hall and Taylor

1996). However, this institutionalism does not explain the details of how institutions are created, although it recognizes the possibility that the creation of institutions is a rational action of actors who are interested in the creation of those institutions. This approach, in any case, has a functionalist content (Peters 1999) and concludes a sense of "goodness" of institutions (Moe 2005).

### 3.2 New Institutional Economics

Price theory enables us to respond to some economic matters but not to others that require a richer theoretical body. NIE does not try to replace price theory but tries to "put it in a setting that will make it vastly more fruitful" (Coase 1999b), which implies the incorporation of institutional issues. As indicated by Arrow (1987), the NIE movement consists of answering new questions that traditionally were not framed in economic mainstream.

NIE accepts orthodox neoclassical assumptions of scarcity and competition, but it rejects the neoclassical assumption of perfect information and instrumental rationality, and it considers a theoretical framework with incomplete property rights, positive transaction costs and institutions, and assumes a world where the passage of time matters (North 1994).

The theoretical framework of the New Institutional Economics combines the *coasean* notion of transaction costs with the *northian* notion of institutions, such that institutions are a medium for reducing transaction costs and obtaining a greater efficiency in economic performance. On the one hand, Coase (1937) generated a microanalytical approach of organizations which gave rise to "transaction cost economics" (Williamson 1975, 1985, 1996); while on the other hand, Coase (1960) generated a macroanalytical approach that studied the relations between institutions and economic performance, as well as institutional change processes (North 1990a). NIE incorporates both approaches, which are mutually inter-related, that is to say, NIE studies institutions and how institutions interact with organizational arrangements within economy (Menard and Shirley 2005; Ostrom 1990, 2007).

Property rights are one's ability to exercise choices over a good. Individuals will carry out transactions, i.e., they will carry out property rights transfers, which will produce transaction costs. We can define transactions costs as the resources used to maintain and transfer property rights (Allen 1991), that is to say, "transaction costs arise when individuals try to acquire new ownership rights, defend their assets against transgressions and theft, and project their resources against opportunistic behavior in exchange relationships" (Eggertsson 2005, p. 27). Transaction costs are the sum of costs required to perform the "transaction function". The carrying out of transactions can be understood as a contracting problem, such that transaction costs are those which are derived from the signing *ex-ante* of a contract and of its *ex-post* control and compliance (Eggertsson 1990).

In a world with zero transaction costs, the parties concerned would carry out all the transactions that would result in social efficiency gains. However, as against this

hypothetical world where negotiation does not cost anything, economic markets are characterized by the presence of positive transaction costs, and therefore no transaction is carried out whenever such costs surpass the expected gains from such transaction. The readjustment of rights will only go ahead whenever the value of production from such transactions is greater than the costs implied in producing the same (Coase 1960).

The level of transaction costs will depend on the characteristic traits of each specific transaction as well as on the nature of the institutional environment in which the transaction is being carried out. In this sense, every society will have its own "rules of the game", which will determine the cost of carrying out transactions (North 1990a).

Understanding the relationship between institutions and economic performance requires the study of human decision-making. NIE considers that the orthodox rationality approach of human behavior is defective because: (a) individual motivations are not limited to maximizing wealth or utility: altruism and individual's self limitations also influence behavior; (b) individuals subjectively process incomplete information of the world around them: there is need to distinguish between reality and perception (North 1990a). NIE defends that individuals act with incomplete information and models that have been subjectively deduced, and assume the model of bounded rationality, by conceiving the individual as intentionally rational but only in a limited way (Williamson 2000).

Along these lines, North (1994, p. 362) states that "history demonstrates that ideas, ideologies, myths, dogmas, and prejudices matter, and an understanding of the way they evolve is necessary". In order to understand the behavior of individuals in decision-making within an uncertainty context, NIE considers the subjective mental models of individuals as key factors. Such mental models will be closely linked with institutions. "Mental models are the internal representations that individual cognitive systems create to interpret the environment; institutions are the external (to the mind) mechanisms individuals create to structure and order the environment" (Denzau and North 1994, p. 4).

Together with the study of mental models and human behavior, NIE assumes the importance of the passage of time to create institutions. Institutional change is characterized by increasing returns and imperfect markets with high transaction costs. In this theoretical framework, path dependence is reinforced by the externalities of the institutional matrix, by the processes of social learning and by the creation of the *shared mental models* on which individuals make decisions. Path dependence is one way of bridging the choice gap and binding the evolution of a society over time (North 1990a).

In this manner, the institutional framework not only determines the current economic results but also delimits the set of opportunities that affect our future situation. We can adopt an efficiency view when analyzing evolution of institutions, according to which relative prices are the source of institutional change, however, NIE sustains that the existence of transaction costs provokes the agents to not always coincide towards the search for a greater efficiency.

The NIE argues that the processes of institutional change are normally incremental due to the increasing returns of institutional change: (A) Institutional change is

an incremental process that is heavily weighted in favor of policies that are broadly consistent with the basic institutional framework. (B) Institutional change is characterized by a slow evolution of formal and informal limitations. (C) Individual and specific changes in formal and informal institutions can change history but will find it difficult to reverse the course of history (North 1990a, 1990b).

Positive economic analysis conclusions cannot be exported from one economy to another in the case of economies with positive transaction costs, mental models and institutional changes: "you get a different answer for every country and every historical situation... there is no one way better economic system because everything depends on the society you are in" (Coase 1999a, p. 5).

The NIE is a research program that continually evolves, and recent new institutional contributions incorporate relevant advances and interesting questions on institutions. Eggertsson (2005) presents a general framework to reflect on institutional failure, social technology and institutional policy. North (2005) explores the relationships among cognitive science, institutions and economic change. Acemoglu and Johnson (2005) conclude that property rights institutions have a first-order effect on long-run economic growth and investment, while contracting institutions appear to matter for financial intermediation. Acemoglu and Robinson (2008) construct a model of simultaneous change and persistence in institutions where the main idea is that equilibrium economic institutions are a result of the exercise of de jure and de facto political power. Recently, North et al. (2009) propose the theoretical foundations for understanding violence and social order in human history.

### **4 Transaction Cost Politics**

Transaction Cost Politics has emerged as an application of the theoretical approach of the New Institutional Economics to political analysis from a *madisonian* point of view in political economy (Shepsle 1999). Understanding the foundations of TCP implies a look to Rational-Choice Institutionalism and, especially, to the New Institutional Economics:

(A) Rational-Choice Institutionalism was interested in political markets and institutions, understood political institutions as a cooperation structure and assumed a model of rationality for political behavior. According to Rational-Choice Institutionalism, TCP focuses on political institutions, and indicates that "political institutions constitute ex ante co-operation agreements among politicians" (North 1990b, p. 359). Furthermore, TCP coincides with Rational-Choice Institutionalism when it defends the assumption of a rationality model for economic behavior, which implies a big difference from other institutionalists traditions such as normative institutionalism or the old approaches. However, the TCP rationality model is not found in Rational-Choice Institutionalism, and Rational-Choice Institutionalism forgot the main role of transaction costs and history, and therefore we should look to the NIE.

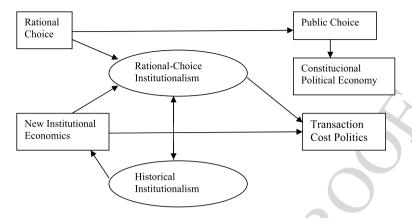


Fig. 1 Transaction Cost Politics

(B) NIE points out that the economic world is characterized by positive transaction costs and institutions. It rejects instrumental rationality by assuming the implications of bounded rationality and considers that the passage of time matters. TCP assumes these three NIE foundations when studying political transactions and institutions. "A transaction cost theory of politics is built on the assumptions of costly information, of subjective models on the part of the actors to explain their environment, and of imperfect enforcement of agreements" (North 1990b, p. 355). Moreover, TCP is interested in explaining the differential performance of politics over time, and therefore elaborates a theoretical framework where history matters.

TCP is different from RCI because TCP assumes three characteristic foundations of the NIE (bounded rationality, a transactional approach, passage of time matters). Figure 1 shows how the extension of Rational Choice theory towards political analysis allowed the emergence of Public Choice, with CPE as its main continuation, whereas the extension of the NIE towards political analysis allowed the appearance of TCP. In this sense, TCP—as an extension of the NIE—surpassed the theoretical framework of RCI in the same way that the NIE surpassed the (instrumental) rational choice approach. On the one hand, there is no direct relationship between CPE and TCP in Fig. 1 because their theoretical foundations have different origins, and on the other hand, historical institutionalism is shown as an antecedent of NIE and RCI but it has not a direct influence over TCP (the influence is indirect via NIE and RCI). Finally, we should point out that other institutionalisms, such as empirical, normative or sociological institutionalism, have not had influence on the emergence of TCP, and their references have not been incorporated in the background of TCP. Even these institutionalisms have not a fruitful dialogue with TCP nowadays.

While transactional analysis had been applied to economic and organizational interactions by a relevant tradition of literature, the approach of TCP focuses on political transactions and he considers that "public policy is a sometimes explicit, sometimes implicit agreement (or transaction) among policy makers" (Spiller and

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Tommasi 2007, p. 3). In this sense, we should point out the distinction between TCP and politics of transaction costs: TCP is an analysis of diverse political processes based on the existence of positive transaction costs and the governance solutions that actors come up with in order to deal with them, whereas politics of transaction costs in its original sense would be a direct application of economic policy that takes into account the effects of positive transaction costs.

TCP assumes methodological individualism and studies political transactions from a microanalytical perspective that tries to rigorously tackle positive political analysis. TCP sustains that political institutions matter, that they can be analyzed and that their effect is to economize transaction costs. TCP likewise construes political activity as a dynamic process in evolution, which is incomplete and imperfect and which takes place in "real time", in history (Dixit 1996, 1998).

In the pre-coasean neoclassical world where transaction costs are zero, political activity would correspond to a simple assignment of rights that would permit efficiency through transfer of rights from owners who value them less to those that value them more (no "Pareto improvement" would stay unexecuted) (North 1990b). This situation allows us to derive a macro version of Coase's theorem according to which economic growth is not affected by the type of government of a country as long as transaction costs are zero (Eggertsson 1990). But we can go a step further in the reasoning process and conclude that in such an ideal world, the political process would not matter, since an efficient plan would always be achieved (Dixit 1996).

TCP uses political transaction as the unit of analysis and explains the evolution of political relationships as transactions and contracts. It highlights the relevance of institutions in political markets characterized by incomplete political rights, imperfect enforcement of agreements, bounded rationality, imperfect information, subjective mental models on the part of the actors and high transaction costs. The institutional structure of polity acts as a set of rules that structures incentives, determines the volume of transaction costs and biases political output.

The NIE has focused most of its efforts in demonstrating that passage of time and history matter. North (1990a) defended the relevance of path dependence in economic analysis, and the notion of path dependence has been integrated too into the organizational studies. These features are also verified for political analysis and were thus assumed by TCP (North 1990b; Dixit 1996). Therefore, such a transactional approach also assumes the importance of history and path, which in turn facilitates a greater contact with arguments of historical institutionalism. Really, historical institutionalism has exercised influence on TCP through the foundations of NIE. Literature furthermore has recently indicated the relationship between historic institutionalism and the RCI. There are authors of historic institutionalism such as Steinmo, Thelen and Longstreth, who appreciated the approaches of rational choice and moreover Katznelson and Weingast (2005) have recently indicated that historic institutionalism and RCI have many aspects in common and detect that there are points of intersection and overlap between the agendas of both institutional approaches. Furthermore, and through its connection with RCI, the TCP program has points that overlap with historic institutionalism, especially regarding the way institutions shape incentives and preferences of actors.

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The other principal effort made by NIE has been to escape from strict rationality models in order to highlight the importance of cultural and cognitive factors such as beliefs, ideology and myths. In this way, the instrumental rationality approach of RCI meant that "the actors either have correct models by which to interpret the world around them or receive information feedback that will lead them to revise and correct their initially incorrect theories" (North 1990b, p. 356). Nevertheless, the NIE and TCP reject instrumental rationality and assume bounded rationality. North's (1990b, 1994) proposal includes the idea that individuals make decisions based on subjective models, which had already been presented by Weingast (1996) as one of the challenges of RCI. In this manner, transactional institutionalism surpasses the suppositions of RCI.

This opens the possibility of indicating that history and ideology matter in order to understand politics. The novelty of this perspective is that it is justified through an institutionalism that had initially strictly assumed the following two foundations: methodological individualism and rational approach.

Regarding the main contributions of TCP, we should point out that North (1990b) and Dixit (1996, 1998) are the two fundamental contributors who provided the theoretical bases for the program, while Weingast and Marshall (1988) and North (1989) formed the two relevant precedents. An important contribution to TCP from political science has been Epstein and O'Halloran (1999), which applied the transactional perspective to the delegation of powers. It included a review of the theory of TCP, and it showed several differences and similarities between economic and political interaction. Taking some lessons from the theory of the firm, Epstein and O'Halloran analyzed the hold-up problem in political transactions.

The approach of TCP is useful for organization studies. Public bureaucracy, delegation to independent agents and political parties are three relevant issues on which TCP has significantly contributed. Firstly, TCP assumes that the adequate institutions of governance will depend on the characteristics of each type of transactions. Then, all models of governance (markets, hybrids, firms, regulation, public bureaucracy,...) should be considered if we want to determine the best organizational structure that minimizes transaction costs so much as possible. For example, public bureaucracy is well suited to some transactions, such as the "sovereign transactions" of which foreign affairs is an example, and poorly suited to others (Williamson 1999). In this way, TCP incorporates several efforts to study governance structures and institutional design in the public sector (Estache and Martimort 1999; Gallego-Calderón 1999; Ruiter 2005). Secondly, delegation of power to independent agents—such as the central banks or supranational institutions like the European Commission—is best understood as a means of reducing political transaction costs (Majone 2001). In fact, there are empirical studies that show that in the process of the autonomization of government organizations, strictly economic aspects are less relevant than factors as bounded rationality, opportunism and social institutions (Ter Bogt 2003). Thirdly, some contributions of TCP have tried to advance towards a transaction cost theory of political parties. Jones and Hudson (1998, 2001) explored how political parties reduce voters' information costs and they argue that if voters reduce transaction costs by relying on party signal, politicians have an