

2022 International Conference on Economics, Education and Social Research (ICEESR 2022)
The Rationality and dilemma of Social organizations' involvement in educational evaluation in China -- Based on transaction cost theory

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Keywords: social organization; educational evaluation; transaction cost theory

Abstract: In the process of supporting and encouraging the development of social organizations, social organizations have developed rapidly under a favorable policy environment. The existing studies focus on the current mode and dilemma of social organizations' involvement in educational evaluation, and few studies on its rationality. According to the transaction cost theory, this paper analyzes the transaction cost generated by government departments in providing educational evaluation services, and then understands the rationality of government departments to encourage and support social organizations to carry out the educational evaluation. At present, in the field of educational evaluation, there is still a social organization in the plight of education assessment, from government departments and social organizations in our country two main bodies, combined with the actual to resolve the path to reduce transaction costs, to build the government, schools, social organizations benign interactive mechanism, entrust other public services, outsourcing for the government to provide theoretical and practical significance.

1. Introduction

Since the Ministry of Education issued Several Opinions on Furthering the Separation of Management and Evaluation administration, university-running and evaluation, and Promoting the Transformation of Government Functions (2015), the separation of education management and Evaluation is a major reform in the comprehensive governance of China's education field. It requires the government to streamline administration and delegate power, strengthen management functions and improve the independent running capacity of schools at all levels and of all types, encourage professional institutions and other social organizations to intervene in the field of educational evaluation, and then promote the modernization of education governance system and governance capacity. Whether it is the practical need for "small government, big society" or the policy requirement of "The separation of administration, university-running, and evaluation", academic circles have explored third-party participation in education evaluation from many aspects[1,2,3]. Government education assessment is still the mainstream, however, in the form of official or semi-official appraisals contain social organizations are involved in the pace of education assessment. As a result, it is difficult for social organizations to innovate educational evaluation methods and stimulate educational vitality, so it is necessary at the theoretical level to further analyze the rationality of social organizations involved in the education evaluation system and its current reality facing difficulties.

2. The current situation of education evaluation

2.1. Status quo of foreign educational evaluation institutions

Nowadays, there are many ways for social organizations and other third-party institutions to evaluate the quality of education, many foreign third-party social organizations have successfully opened up a new way. As a country with profound third-party assessment education, The UK has a very mature third-party assessment mechanism and a relatively professional assessment agency. At

present, Quality Assurance Agency for Higher Education is an independent higher education evaluation agency in the UK. The agency is independently funded and, according to its evaluation criteria, consists of expert evaluation teams to evaluate the internal quality of institutions of higher learning [4]. Since the end of the educational supervision system in the 1990s, Finland has chosen a way with Unique Finnish characteristics, that is, it not only plays the role of the government, but also uses the market mechanism to regulate, and the state formulates educational evaluation indicators, however, it only takes the index as the reference of the evaluation, which emphasizes the professionalism of the evaluation and has no compulsion, thus shaping a relatively perfect educational evaluation model[5]. In addition to the United Kingdom and Finland, the United States also has its development model in education evaluation. In 1952, Public Law 82-250 passed by the United States Congress stipulated that a list of third-party evaluation agencies recognized by the United States should be published to promote the establishment of an external quality assurance system for American higher education. Take Niche As an example, according to the official data, the company conducts a quantitative and qualitative analysis of the data and provides basic information about each school. Consumers can search for the information about each school they need on the Internet [6].

2.2. Status quo of domestic education evaluation institutions

In February 2020, Opinions on Deepening Reform of the Education Supervision System and Mechanism in the New Era issued by the General Offices of the CPC Central Committee and The State Council provides that: " Actively explore the establishment of a working mechanism for education supervision institutions at all levels to carry out education evaluation and monitoring through government purchase of services and entrusting third-party evaluation and monitoring institutions and social organizations." This shows that social organizations are further infiltrating into the field of educational assessment and providing professional services to society in an independent way. At present, some achievements have been made in the development of social organizations related to education evaluation in China. For example, China Education Policy Evaluation And Research Center (CEP) is a kind of think tank cooperating with government agencies and universities to transport talents. There are also third-party education evaluation institutions established by provincial departments, which are in charge of the education department of the administrative region and entrusted by the government, society, and schools to undertake the functions of education evaluation, research, and consultation. In addition, there are civil, autonomous, and social organizations that are completely independent of government and schools, such as Shandong Century Education Evaluation Center, 21st Century Education Research Institute, and Yingkui Education Service Center [7]. No matter what kind of third-party educational evaluation institution, social organizations will enter the field of educational evaluation and play an important role in different degrees.

3. Transaction cost theory

Transaction cost is an important concept in the new institutional economics represented by The American economist Coase and others and has been improved and developed by Williamson[8], Zhang Wuchang[9], DouglassNorth[10], and others. Coase defined transaction cost as the cost of coordinating economic activities through the market price mechanism and the cost of obtaining accurate market information[11]. To society, it is a kind of non-productive cost, which is the part of the wealth of the society lost to complete the transaction. It usually includes the cost of both parties searching for relevant information in the market, and the cost of negotiation, contract signing, supervision, execution, arbitration, and so on to realize the transaction. Specific for, transaction costs refer to all costs related to the establishment, change and use of systems or organizations. According to the sequence of the transaction process, transaction cost can be divided into search cost, bargaining cost, contracting cost, supervision cost, and execution cost. The causes of transaction costs include bounded rationality, opportunism, uncertainty and complexity outside the market, few transactions, information asymmetry, and atmosphere[12]. As the representative theory

of new institutional economics, transaction cost theory is of great significance to the construction of a new public management paradigm in emphasizing that clear property rights can bring maximum efficiency to the market mechanism. From the perspective of transaction cost theory, this paper will analyze the transaction cost needed when the government provides educational supervision and evaluation, to understand the rationality of the government outsourcing or entrusting the education evaluation to social organizations, and put forward solutions to reduce transaction cost.

4. The rationality of social organization's intervention in educational evaluation

4.1. The cost of providing educational evaluation by government departments is relatively high

The behavior of a government department will have a certain impact on society. The occurrence of its behavior is bound to contact with society and has a certain connection. In this process, transaction costs will be generated. This kind of cost is to point to the sum of direct consumption and indirect transaction cost that the public management activity produces specifically. The government provides some public services for citizens, and citizens pay for the services provided by the government in some way. The process of providing services and being provided services is called a transaction, and transaction costs will occur in this process. This kind of transaction also exists in the field of educational evaluation, that is, the cost that the government pays for fulfilling its promise to citizens, including the cost generated in the process of search, bargaining, execution, and supervision[13].

4.1.1. Search costs

In providing educational evaluation, the government will spend a lot of searching costs, which is mainly on searching for information, mainly including two aspects: one is searching for the information of the evaluated object, the other is finding the information to solve the problem. Gathering information is not only the first step in educational supervision and assessment, but also throughout the entire guidance and supervision process. In the vertical administrative level system in our country, some provinces and cities of education supervision organization system of the government's dependent are stronger, as a subsidiary by the administrative department of education, this model independence is small, no government authorization, use this mode to supervise government at a lower level, it is very difficult, [14]will face a lot of search costs. In education governance, whether the results of education evaluation can truly reflect the quality of education, and what kind of evaluators to choose is very important, and it still needs to spend a lot of resources to collect competent personnel as the subject of education evaluation. In addition, information on exactly how to find the object being evaluated is included in the search fee.

4.1.2. Contracting fees

There are various relations between the government and citizens and between governments, while the transaction costs between governments are more complicated than those between governments and citizens. There are not only external transaction costs, but also administrative costs within the government. Although China has carried out several institutional reforms, there are still attribution problems in terms of the nature and construction of educational supervision institutions in China. When the education evaluation work occurs, the work communication between various departments is not smooth due to the unclear responsibility relationship, and repeated uploading and transferring will increase the contracting cost. At present there are many kinds of supervision agencies, the first is the reconsideration office, which greatly reduces the communication belongs to the two institutions of contracting fee, the second is the education supervision institutions as the administrative department of education subordinate units, this will be the government agency again detailed way, resulting in over staffing. The results of the work will be shared among more parties, resulting in a high transaction cost. Finally, supervision institutions managed by the people's government and relatively independent of the education administrative

department need to borrow social organizations and other relevant forces to carry out education supervision and evaluation, which pay relatively less administrative costs and other transaction costs. In a word, most of the education evaluation work in China is completed by the education supervision institutions at all levels and cities. However, the qualitative problem of the education supervision institutions has not been uniformly solved, and there will be overlapping functions and repetitive work in the evaluation process, and other problems of low management efficiency.

4.1.3. Supervision fees

The supervision costs are mainly divided into the following two types: first, the government needs to be supervised by various parties when providing education evaluation services, and the supervision costs will be generated when the superior government supervises the subordinate government. Educational supervision itself has the functions of supervision and guidance, which is the main source of the government's internal supervision costs. Meanwhile, the supervision process will involve the expenditure of human and financial resources. With the development of society becoming more and more advanced, diversified school running institutions emerge. When supervising such school running institutions, the government needs to adjust the supervision mode appropriately according to their running conditions, which will increase the supervision cost in the process of adjustment. Second, supervision and evaluation are also needed for the supervision work, namely "meta-evaluation"[15]. It takes the original evaluation subject as the evaluation object and re-evaluates its evaluation work. The meta-evaluation work should be completed by social organizations to get more fair results. At present, in the field of higher education, China has not established a meta-evaluation organization, so the government is still the main body of meta-evaluation, its authority and legitimacy have an absolute advantage over meta-evaluation, its overall management of meta-evaluation work will inevitably increase the complexity of government departments, and finally increase the cost of supervision.

4.1.4. Perform cost

Education supervision institutions need to supervise and guide the implementation of education policies by governments at all levels and education administrative departments. However, in this process, education policies need to be formulated according to the actual situation of each place, and experts and scholars in the field of education and others think tank talents should make efforts. Government personnel responsible for education supervision and evaluation or education administrative departments will convey the education policies and regulations from the upper level to the education administrative departments and schools. Due to China's top-down administrative system, it takes a lot of time for information to be transmitted from top to bottom, and feedback information is relatively delayed. In the process of education supervision and evaluation, supervisors must go to each school or even the classroom to obtain first-hand information through questionnaires, visits, and other forms to get the real causes of problems in lower-level education administrative departments and schools. Therefore, in the government, educational supervisors must pay corresponding costs in performing their functions to ensure the smooth progress of their work, and to increase the direct investment of the government.

4.2. Social organizations are gradually taking over some functions transferred by the government

Since the 1990s, with the rapid development of China's social economy, the market mechanism has been gradually improved. In this context, social organizations can be rapidly developed and have the ability and conditions to provide a variety of services to society. Social organizations active in various fields have assumed part of the functions transferred from the government. In recent years, the Chinese government has issued several supportive policies to promote the active participation of social organizations in social governance, which provides favorable external environment and development opportunities for social organizations to enter the field of educational evaluation, and the policy text is sorted out in Table 1.

Table 1 National policy text on supporting the participation of social organizations in educational evaluation

Time	Post office	The file name	The main content
In 2015,	The Ministry of Education	Several Opinions on Furthering the Separation of Education Management, Office and Evaluation and Promoting the Transformation of Government Functions	We will support professional institutions and social organizations in standardizing educational evaluation
In 2016,	Office of The State Council Education Steering Committee	Opinions on Deepening the Reform of Educational Supervision and Transformation of Educational Management Mode	We will foster and support a number of professional evaluation institutions, and guide nongovernmental forces to participate in the evaluation and monitoring of education quality
In 2017,	The Ministry of Education and other five departments	Opinions on Deepening the Reform of Streamlining Administration, Delegating Power, Delegating Regulation and Optimizing Services in Higher Education	We will further separate management, office and evaluation, and effectively perform our oversight duties. We will develop new ways and means of oversight, and strengthen ongoing and ex-post oversight by improving the credit mechanism, "double-random" random inspections, administrative law enforcement, supervision, inspections, and third-party evaluations
In 2017,	General Office of the CPC Central Committee General Office of the State Council	Opinions on Deepening reform of the Education System and Mechanism	We will improve the third-party evaluation mechanism and enhance the professionalism, independence and objectivity of evaluation
In 2017,	General Office of the State Council	Evaluation Methods for the Performance of Educational Duties by Provincial People's Governments	Entrusted by the Office of the Education Supervision Commission of The State Council, third-party professional institutions make use of national statistical data and systematic data obtained from surveys according to the supervision and evaluation indicators. It monitors and evaluates provincial governments' performance of their education duties, conducts surveys on social and student satisfaction, and forms an annual monitoring report by the end of June every year
In 2020,	General Office of the CPC Central Committee General Office of the State Council	Opinions on Deepening reform of Educational Supervision System and Mechanism in the New Era	Actively explore the establishment of a working mechanism for education supervision institutions at all levels to carry out education evaluation and monitoring through government purchase of services and entrusting third-party evaluation and monitoring institutions and social organizations
In 2021,	The Ministry of Civil Affairs	Development Plan for Social Organizations during the 14th Five-year Plan period	We will accelerate the development of community social organizations, and guide local governments to allocate more policy, funding, and human resources to the development of community social organizations.

5. The dilemma of social organization's intervention in educational supervision and evaluation

5.1. Internal problems of the government

5.1.1. The offside phenomenon exists in the transformation of government functions -- the transaction cost of power intervention is too large

As China attaches great importance to third-party education evaluation in the field of education, many policies and regulations have been issued to support and encourage third-party institutions to intervene in education supervision and evaluation, and the reform of the separation of "management

and evaluation" in the field of education has prompted the emergence of various forms of third-party education evaluation institutions in China. Although many third-party education evaluation institutions have played a role, such evaluation institutions are still government-led in nature, in the "intermediate position" between official evaluation and private evaluation, with strong administrative color[16]. It takes a while to get used to fully accepting third-party educational assessments.

5.1.2. There is a vacancy phenomenon in the transformation of government functions -- supervision is not in place

The transformation of government functions and the development of the independence of third-party educational institutions should promote and develop well together. In the traditional system, the government is both the executor and the supervisor, so the third-party educational evaluation institutions make up for their defects through the objectivity and professionalism of the evaluation results. However, in our country at present about 17 education appraisal institutions within the relevant personnel lack certification standards, the leaders of some institutions are not from education-related majors, because in university, middle school, industry for many years already have related experience, was promoted to management, but lack the support of professional theory for the assessment of professional problems cannot be effectively solved. Therefore, although the government transfers its power to the personnel of third-party institutions, the degree of specialization cannot be guaranteed, and no industry standards for third-party education evaluation institutions have been issued, resulting in the uneven development of third-party education evaluation institutions and difficulty in ensuring the overall level of educational evaluation in the country[17]. The "National Association of Third-party Education Evaluation Institutions", established in 2015, is an organization with only the function of a "seminar", without formal access and supervision departments. When the government transfers the education evaluation function to the social organization, it should standardize the admittance rules of the third party education evaluation industry and construct a "promising government".

5.2. Problems of social organizations themselves

5.2.1. The credibility of social organizations is questioned -- public recognition is low

At present, the education evaluation work is mainly completed by professional institutions and other social organizations, but whether the third-party education evaluation institutions can accurately evaluate the teaching quality caused by this, and whether the evaluation results can be trusted by the public are the main problems facing the third-party education evaluation institutions. Previous studies have pointed out that "Enhancing the Credibility of third-party Evaluation in Higher Education: Challenges, International Experience and China's Approach"[18]. The study mentioned the following factors affecting the credibility of third-party education evaluation institutions: First, the independence of the organization, whether the third party organization has a complete organizational structure framework, whether the funding source is independent; Secondly, the professionalism of the organization, whether the human resources of the organization have professional training, whether they have relevant work experience; Finally, the authority of the institution, whether the external public relations image of the institution is good, whether the evaluation results are scientific and fair. Authority is one of the sources of the credibility of the third-party educational evaluation. Only establishing good authority can ensure the credibility of social organizations. However, at present, the evaluation evidence of third-party evaluation institutions lacks effectiveness, the evidence collection channel is single, and the quality of evidence is not high, leading to the evaluation results are not recognized by the public, and the credibility problem will arise.

5.2.2. Social organizations are not professional -- it is difficult to guarantee the quality of evaluation

Due to the late development of third-party education evaluation in China compared with foreign countries, the supervision mechanism and access mechanism is not perfect, which brings about the professional problems of evaluation. In the field of higher education, personnel selection and dismissal are more controlled by higher-level education administrative departments, but government departments do not know the professional knowledge of evaluation, and the professional assessment of employees is not strong in the recruitment process, so the professionalism of employees will be questioned. For completely independent evaluation agencies, the lack of strict access and qualification examination mechanism leads to the majority of staff being composed of some non-professionals with uneven professional levels. Although many provinces and cities have issued relevant policy documents to explain the access conditions of third-party institutions, the content of the explanation is too broad. For example, the regulations issued by Beijing only stipulate that people should have professional competence, professional team, and legal person qualifications. However, what standards should be met for professional competence and what qualifications are required are not specified. In other provinces and cities, the measures for third-party education evaluation do not specify the access conditions for evaluators.

6. Suggestions and countermeasures for social organizations to intervene in educational evaluation

6.1. Government departments

6.1.1. Giving social organizations more autonomy

To realize the modernization of education governance in China, it is necessary to build a good tripartite relationship between government, school, and society, effectively transform government functions, appropriately delegate power, and give schools and society more autonomy. Some semi-official education supervision and evaluation institutions should properly realize their financial autonomy, gradually break away from the dependence on government agencies, become the spokesmen of their institutions rather than the spokesmen of the government, properly handle the relationship between the central government and local government, and better play the linkage between horizontal government and vertical government system. In the process of social organizations' involvement in education supervision and evaluation, the government should do a good job in supervision, guidance, and standardization, and the internal elements of organizations should be independently determined by third-party education evaluation institutions. The government should let society do it, and fully stimulate the vitality of social organizations' participation in education governance. Therefore, the government needs to transform its functions, optimize the relationship between the government and social organizations through institutional supply, and broaden the path and space for social organizations to participate in supervision and evaluation.

6.1.2. Strengthening the supervision of third-party education evaluation agencies

The third-party educational evaluation institutions in China are faced with the problems of weak coordination and uneven development level. Once the government delegated power to the society, social organizations developed at different levels due to their differences in original resources, leading to the uneven development of institutions in the whole society. Therefore, the Chinese government should speed up the establishment of supervision and access mechanisms for social organizations, and strictly regulate and manage a series of problems in the process of social organizations' participation in supervision and evaluation. At the same time, the social organizations in the standard of education evaluation, also want to clear the details, for the certification, organization operation and daily management, assessment of hardware and software conditions, civil affairs departments to strengthen the evaluation of social organizations, as well as to assess the qualification certification of personnel, to establish and perfect the third party education evaluation personnel examination system, the vocational training system, security system, stipulate the qualification certification levels of assessors, fully check their qualifications in the admission stage,

and ensure the coordinated progress of social organizations in their future development.

6.2. Social organizations

6.2.1. Encouraging the coordinated development of diverse social organizations

As the "management", the policy of running a school and evaluation by exploring gradually, gradually increase the number of the third party education appraisal institution in our country, the evaluation main body presents the trend of diversification, but as a result of each main body strength is uneven, the development is not balanced, the functions of a blind area, cooperatively is not strong, cause the overall there are gaps in third-party credibility education evaluation agencies. If the diversified development mode of third-party evaluation agencies is adopted, a large and complicated task can be dispersed to multiple agencies, so that each agency can give full play to its advantages, complement its shortcomings and achieve specialization. Therefore, to improve the credibility of the third party education evaluation, the system should be to promote the development of the third party diversified education appraisal institution, realize the third party education appraisal institution, on the whole, the maximization of resource utilization, and ensure credibility of higher institutions to maintain the original level, but also encourage the mobilizing the credibility of other institutions to improve their level[19].

6.2.2. Improving the professionalism of social organizations

The improvement of social organizations' ability is also an important way for them to intervene in education evaluation and improve the modernization of education governance. Social organizations should fully build their professional qualifications and improve their professional ability to gain the trust of the outside world and establish a good image. First, with the establishment of the "meta-evaluation" system, third-party education evaluation institutions can be professionally trusted by the outside world, it is extremely important for their evaluation, at present, the third-party education evaluation institutions' access qualification system is not clear, therefore, China needs to establish a nationally recognized education evaluation review institution. The current third party education appraisal institution does not yet have the ability to organization of "meta-evaluation", and the government lack expertise in professional qualification, so both can work together, with the help of the government, through government entrusted by the way, and create a national education assessment review agency, the agency to develop an evaluation standard of third parties. The standards include standards for the recruitment of staff, standards for the operation of the organization, funding sources, business scope, and the publication of a list of qualified organizations. After confirming a good third-party education appraisal institution, it also needs time to monitor and manage the operation process, supervision and assess whether workers perform their responsibilities, evaluation content is in line with the industry standard, evaluation results are objective and public credibility if found irregularities should be investigated and corresponding punishment, or even cancel the qualification of assessment. In addition, the review body will also encourage exchanges and cooperation among evaluation bodies to share experiences, learn from each other's strengths, and gradually improve their professional capabilities.

7. Conclusion

Using transaction cost theory, this paper analyzes the various transaction costs that government departments need when providing educational evaluation and concludes that government departments have too high a cost in providing educational evaluation services to society because of their political and administrative colors. This paper analyzes the rationality of social organizations' involvement in the field of educational evaluation in two parts. First, it analyzes the various costs that government departments need to provide education evaluation, including search costs, contracting costs, supervision costs, and execution costs. Second, it introduces the policy environment for the development of social organizations. It lists all state policy texts supporting the development of social organizations from 2015 to the present.

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