The Economics of Entrepreneurship: What We Know and What We Don’t

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Introduction

Entrepreneurship is a multidisciplinary field of scholarly enquiry. There is broad agreement among those who research entrepreneurship that no single subject discipline has a monopoly of wisdom about what entrepreneurship is, or how entrepreneurs behave.

The present text is not intended to challenge this aspect of the “received wisdom”. Instead, it presents a “shop window” of what one can achieve if one uses economics to study entrepreneurship. My aim is to provide an overview of both the foundations of the Economics of Entrepreneurship – the theoretical underpinnings and empirical regularities uncovered by previous research – and possible future trends in this branch of research, by proposing fruitful topics of enquiry that extend the boundaries of what we currently know.

A lament that is sometimes heard within business and management schools is that the field of entrepreneurship lacks theoretical rigour – or even, indeed, any clearly defined theories at all. However true that claim might be of some methodological perspectives, it surely cannot be levelled at the economics approach. Economics brings a large set of versatile and powerful theories and methods to the study of entrepreneurship. They are usually but not always quantitative, are often based on models of optimizing behaviour under uncertainty, and utilize
empirical approaches founded on the econometric analysis of large and representative data samples. The present text aims to provide details of the salient theoretical and empirical approaches that have been applied to entrepreneurship. These details will be provided in a deliberately non-technical way, in order to make the text as accessible to as wide an audience as possible. References will be given to more detailed technical treatments of the issues which the interested reader can pursue if they wish.

It is hoped that this text will dispel some misperceptions about the economics approach; and may perhaps even convince non-economists that the Economics of Entrepreneurship furnishes a solid theoretical backbone to entrepreneurship research. That many non-economists still entertain myths and misconceptions about the role and potential of economics surely cannot be denied. Let me give just three instances. First, contrary to what some non-economists appear to believe, it is simply not true that neoclassical economics ceased to progress once competitive general equilibrium theory was completed in the 1960s and 1970s. Neither does modern economic theory assume the economy continually moves into equilibrium; and nor does it ignore the entrepreneur, as we will see below. Second, just because modern economic theory is rooted in optimization does not mean that those theories break down altogether if entrepreneurs do not consciously optimize. In Friedman’s [68] famous example, billiards players do not calculate the angles of incidence and reflection when they prepare a stroke, yet they behave as if they are optimizing. And, even in cases when this argument ceases to apply, it remains the case that optimization remains a useful benchmark in entrepreneurship; while alternatives to optimization are often unpalatably ad hoc [24]. Third, one sometimes hears a complaint that economics is of limited use because it cannot explain aspects of human behaviour such as the psychology of an entrepreneur or the origins of trust that underpins social relations. I would agree that economists should defer in such matters to experts in psychology and sociology. But using incomplete applicability as a metric to judge a discipline seems unfair. The same “limitation” obviously applies to all subjects; and surely only an aggressive economic imperialist would assert the contrary [96].
Introduction

It seems fair to acknowledge that the economics approach focuses on a few aspects of entrepreneurship rather than the totality of this complex phenomenon [27]. Nevertheless, as I hope this text will demonstrate, the approach can still make a valuable contribution. Rather than content itself with nebulous assertions about the inherent unpredictability and complexity of entrepreneurship, economics develops testable hypotheses based on sound micro-foundations. The present text will also emphasize theories that are testable, either directly or at least in principle. For this reason, it will not cover entrepreneurial theories of the firm which, while interesting, seem to elude ready empirical characterization [45]. Nor will I start the text by offering a definition of entrepreneurship. Instead, I will let this text reveal what economists understand this phenomenon to involve. It will turn out to be broader than merely venture creation or opportunity recognition and exploitation, though as we will see it encompasses aspects of these.

The text is structured in the following way. Section 2 discusses what economics can bring to the study of entrepreneurship, in terms of the kinds of practical questions it can answer. Section 3 outlines several “canonical” models in the Economics of Entrepreneurship that I believe all researchers who adopt this approach should be aware of. That section contains a summary of the principal theoretical economic models of entrepreneurship, an overview of the essential techniques underpinning empirical work, and a discussion of some recent theoretical and methodological developments. Some of the latter might evolve into “canonical models of tomorrow”. Section 4 then summarizes some well-established empirical findings that have been generated by the Economics of Entrepreneurship. This comprises the empirical “What we know” part of the text. Section 5 concludes by discussing “What we don’t know”, by way of motivating future research.
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