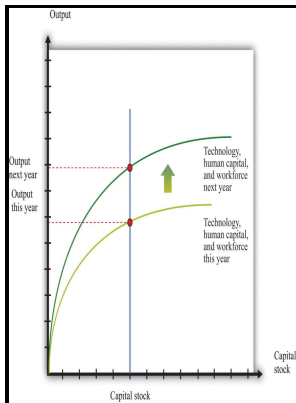


# Estimating efficient production functions under increasing returns to scale ...

University of Cambridge, Department of Applied Economics - Production Functions: 4 Most Important Production Functions



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- Estimating efficient production functions under increasing returns to scale ...

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## production function

The distance between these curves are increasing on the scale line which show that we have to employ more of inputs and the resultant output is less than in proportion to the change in inputs. The production function is the central part of production theory and as such there is a theoretical interest in its estimates.

## Production Function: Short Run and Long Run Production Functions, Q&A

It shows how output varies as the factor inputs change.

## Increasing, Decreasing, and Constant Returns to Scale

Giles, Seemingly Unrelated Regression Equations Models, Marcel Dekker, New York, 1987. You use PROC TRANSPOSE first to transpose the data into a form that is usable for your regression and then modify the data further to make it usable for your graph.

## DIFFERENT TYPES OF RETURN TO SCALE IN DEA

An additional set of 7,500 observations were generated under conditions that made it possible to compare efficiency evaluations in the presence of collinearity and with model misspecification in the form of added and omitted variables. Production Function: i CES production function is more general.

## Are all Scales Optimal in DEA? Theory and Empirical Evidence

Maindiratta, A comparison of Data Envelopment Analysis and translog estimates of production frontiers using simulated observations from a known technology, in Applications of Modern Production Theory in Efficiency and Productivity, A. This describes a firm that requires the least

total number of inputs when the combination of inputs is relatively equal.

## Related Books

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