

# The use of Data Envelopment Analysis to calculate priority scores in needs assessments

## Description

by Aldo Benini, July 2015

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Priority indices have grown popular for identifying communities most affected by disasters. Responders have produced a number of formats and formulas. Most of these combine indicators using weights and aggregations decided by analysts. Often the rationales for these are weak. In such situations, a data-driven methodology may be preferable. [This](#) note discusses the suitability of different approaches. It offers a basic tutorial of a DEA freeware application that works closely with MS Excel. The [demo data](#) are from the response to Typhoon Haiyan in the Philippines 2013. . â?? Mirrored from the Assessment Capacities Project ([ACAPS](#)) Web site with permission.

**Rick Davies comment:** I have dipped into this paper and resolved to learn more about Data Envelope Analysis. It looks like it could be quite useful.

## Category

1. Uncategorized

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