



Online Ethics Center
FOR ENGINEERING AND SCIENCE

The Engineering and Science Issues Test (ESIT): A Discipline-Specific Approach to Assessing Moral Judgment

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Description

The ESIT measures moral judgment built around technical dilemmas in science and engineering.

Body

Borenstein, Jason, Matthew J. Drake, Robert Kirkman, and Julie L. Swann. 2010. "The Engineering and Science Issues Test (ESIT): A Discipline-Specific Approach to Assessing Moral Judgment." *Science & Engineering Ethics* 16 (2):387-407. doi: 10.1007/s11948-009-9148-z.

Describes a tool called the Engineering and Science Issues Test (ESIT). ESIT measures moral judgment in a manner similar to the Defining Issues Test, second edition, but is built around technical dilemmas in science and engineering. The authors used a quasi-experimental approach with pre- and post-tests, and compared the results to those of a control group with no overt ethics instruction. Their findings are that several (but not all) stand-alone classes showed a significant improvement compared to the control group

when the metric includes multiple stages of moral development.

ExternalURL

<https://link.springer.com/article/10.1007/s11948-009-9148-z>

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