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Absolute and relative risk aversion: An experimental study

| Published: May 1994

| Volume 8, pages 289–307, (1994) [Cite this article](#)[Journal of Risk and Uncertainty](#)[Aims and scope](#) →[Submit manuscript](#) →[Haim Levy](#)¹ 1271 Accesses 130 Citations 3 Altmetric [Explore all metrics](#) →

Abstract

Kenneth Arrow posed the hypotheses that investors reveal decreasing absolute risk aversion (DARA) and increasing relative risk aversion (IRRA). It is very difficult to empirically test these two hypotheses since one needs to analyze an investor's investment decisions at various points in his/her economic life cycle as the investor's wealth varies. An experimental study is conducted to test these two hypotheses when the subject's wealth varies depending on his/her investment performance. The experiment involves an actual money gain or loss which is indexed to the individual's investment performance. It is found that DARA is indeed strongly supported, but IRRA is rejected.

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Author information

Authors and Affiliations

School of Business Administration, The Hebrew Univ. of Jerusalem, Mount Acopus, 91905, Jerusalem, Israel

Haim Levy

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About this article

Cite this article

Levy, H. Absolute and relative risk aversion: An experimental study. *J Risk Uncertainty* **8**, 289–307 (1994).
<https://doi.org/10.1007/BF01064046>

Issue Date

May 1994

DOI

<https://doi.org/10.1007/BF01064046>

Key words

[DARA](#)[CARA](#)[IARA](#)[DRRA](#)[CRRA](#)[IRRA](#)

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