

## EQUITIES

## Who You Know Matters: Venture Capital Networks and Investment Performance

January 11, 2007

Many financial markets are characterized by strong relationships and networks, rather than arm's-length, spot-market transactions. We examine the performance consequences of this organizational choice in the context of relationships established when venture capitalists (VCs) syndicate portfolio company investments in a comprehensive sample of U.S.-based VCs over the period 1980–2003.

Controlling for known determinants of VC investment performance, we find that VC funds whose parent firms enjoy more influential network positions realize significantly better performance, as measured by the proportion of portfolio investments that are successfully exited through an IPO or a sale to another company. Similarly, we find the portfolio companies of better-networked VC firms are significantly more likely to survive to subsequent rounds of financing and to eventual exit. The magnitude of these effects is economically large, and is robust to a wide range of specifications.

If more highly networked VCs enjoy better investment performance, our findings have clear ramifications for institutional investors choosing which VC fund to invest in. In addition, our analysis provides a deeper understanding of the possible drivers of the cross-sectional performance of VC funds. Our findings also shed light on the industrial organization of the VC market. Given the large returns to being well networked that we document, enhancing one's network position should be an important strategic consideration for an incumbent VC, while presenting a potential barrier to entry for new VCs.

This document is not intended to, and does not relate specifically to any investment strategy or product that AQR offers. It is being provided merely to provide a framework to assist in the implementation of an investor's own analysis and an investor's own view on the topic discussed herein.

This document has been provided to you solely for information purposes and does not constitute an offer or solicitation of an offer or any advice or recommendation to purchase any securities or other financial instruments and may not be construed as such. The factual information set forth herein has been obtained or derived from sources believed by the author and AQR Capital Management, LLC ("AQR") to be reliable but it is not necessarily all-inclusive and is not guaranteed as to its accuracy and is not to be regarded as a representation or warranty, express or implied, as to the information's accuracy or completeness, nor should the attached information serve as the basis of any investment decision. This document is not to be reproduced or redistributed to any other person. The information set forth herein has been provided to you as secondary information and should not be the primary source for any investment or allocation decision. Past performance is not a guarantee of future performance. Diversification does not eliminate the risk of experiencing investment losses.

This material is not research and should not be treated as research. This paper does not represent valuation judgments with respect to any financial instrument, issuer, security or sector that may be described or referenced herein and does not represent a formal or official view of AQR. The views expressed reflect the current views as of the date hereof and neither the author nor AQR undertakes to advise you of any changes in the views expressed herein.

The information contained herein is only as current as of the date indicated, and may be superseded by subsequent market events or for other reasons. Charts and graphs provided herein are for illustrative purposes only. The information in this presentation has been developed internally and/or obtained from sources believed to be reliable; how ever, neither AQR nor the author guarantees the accuracy, adequacy or completeness of such information. Nothing contained herein constitutes investment, legal, tax or other advice nor is it to

be relied on in making an investment or other decision. There can be no assurance that an investment strategy will be successful. Historic market trends are not reliable indicators of actual future market behavior or future performance of any particular investment which may differ materially, and should not be relied upon as such. Diversification does not eliminate the risk of experiencing investment losses.

The information in this paper may contain projections or other forward-looking statements regarding future events, targets, forecasts or expectations regarding the strategies described herein, and is only current as of the date indicated. There is no assurance that such events or targets will be achieved, and may be significantly different from that shown here. The information in this document, including statements concerning financial market trends, is based on current market conditions, which will fluctuate and may be superseded by subsequent market events or for other reasons.