



Private Equity Firm's Business Performance: A Study Among Private Equity Firm's Employees in Singapore

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ABSTRACT

This article provides a concise summary of research done to evaluate the operational effectiveness of private equity companies in Singapore, focusing on the perspective of their workers. The study seeks to examine employee perspectives on strategic direction and investment choices, evaluate levels of satisfaction and engagement, identify variables that influence performance, and investigate problems and possibilities within the sector. The research employs a quantitative methodology, which involves the use of questionnaires to collect data and gain insights. The results emphasise the significance of effective communication, fostering talent growth, maintaining work-life balance, and being adaptable to regulations to improve the overall business performance of private equity businesses in Singapore.

Keywords: Private Equity, Business Performance, Singapore

Introduction

After the world's financial system collapsed in 2007, governments are reconsidering how they control banks. Authorities have scrutinized financial institutions such as private equity (PE) funds [1]. Despite the significant surge in investments in private equity funds and the accompanying rise in examination by both academics and practitioners, the past performance of private equity (PE) remains ambiguous, if not contentious [2]. The volatility has been caused by the inconsistent release of the analysis of private equity returns has raised concerns over the reliability and accuracy of the accessible data for research purposes. Although several commercial organizations gather performance data, they do not acquire information for every fund. Additionally, they often fail to publish or collect statistics on fund cash flows [3]. Moreover, the origin of the data is sometimes unclear, leading to worries about potential biases in the samples. In addition, some data are only provided to academic researchers at regular intervals.

Private equity firms contribute significantly to the global economy by providing capital to businesses and facilitating their expansion and growth. The private equity sector in Singapore has witnessed a surge in activity, as firms actively engage in investments across multiple industries [4]. An examination of the business performance of private equity firms in Singapore through the lens of their employees provides significant insights into the dynamics, challenges, and opportunities of the industry [4].

Related Works

Understanding What is Private Equity?

Private equity refers to the ownership or stake in companies that are not publicly listed or traded. Private equity is a kind of investment capital provided by corporations that purchase ownership holdings in private companies or acquire control of public companies to make them private and remove them from stock markets [3]. Private equity refers to investment partnerships that acquire and oversee firms to eventually sell them [5]. Private equity companies manage these investment funds on behalf of institutional and authorized investors. Private equity funds can purchase private enterprises or public corporations in their entirety or engage in these buyouts as part of a consortium [1]. They generally do not have ownership interests in firms that continue to be publicly traded on a stock market. Private equity is often categorized as a non-traditional investment with venture capital and hedge funds [5]. Investors in this particular category of assets often need to allocate substantial amounts of cash over extended periods. As a result, access to these investments is restricted to institutions and people with considerable wealth [6].

Understanding Private Equity Firms in Singapore

Private equity businesses in Singapore operate within a competitive landscape, which is defined by fluctuating market dynamics, regulatory frameworks, and investor expectations. These corporations usually secure funding from institutional investors, affluent people, and pension funds to invest in companies that have the potential for development [7], [8]. Private equity firms use many investment tactics, including venture capital for nascent enterprises, growth capital for developing organizations, and buyouts of established corporations [8].

Research Objectives

The main aim of this research is to evaluate the operational effectiveness of private equity companies in Singapore by examining the perspectives of their workers. More precisely, the objective of the study is to:

- a. Assess employees' perspectives on their company's strategic path and investment choices.
- b. Evaluate the degree of employee contentment and involvement inside private equity businesses.
- c. Identify the crucial aspects that have an impact on the performance and productivity of employees.
- d. Examine the difficulties encountered by workers and potential areas for improvement in the realm of private equity operations.

Conceptual Framework

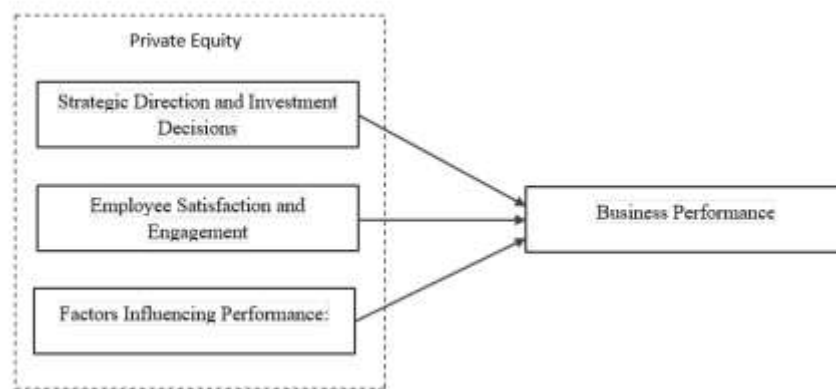


Figure 1 Conceptual Model

Hypotheses

- H1:** Strategic direction and investment decisions has a significant relationship with business performance.
- H2:** Employee satisfaction and engagement has a significant relationship with business performance.
- H3:** Factors influencing performance has a significant relationship with business performance.

Methodology

Data Collection and Selection

The data for this research was gathered using an online survey conducted using Google Forms, an online form creator provided by Google Workspace (Google Forms: Online Form Creator, Google Workspace, n.d.). The researchers used the Purposive sampling approach to ascertain an appropriate sample size for the investigation [9]. A total of 250 staff from private equity firms were surveyed, with 200 people providing replies. According to Babin and Black [10], the minimum need is 50%, and an 80% response rate meets that. Twenty-one structured statements and three demographic questions were evaluated using the Likert Scale, which goes from 1 (Strongly Disagree) to 5 (Strongly Agree) [11].

Analysis and Tool

Partial Least Squares Structural Equation Modelling (PLS-SEM) was used to determine the relationship between the independent and dependent variables. Partial Least Squares (PLS) is a widely used statistical technique in multivariate analysis. It is especially beneficial when working with datasets that include a substantial quantity of Structural Equation Modelling (PLS-SEM), which is a statistical method used in many study fields such as marketing, genetics, and software engineering. This approach entails iteratively optimizing both the measurement model and the structural model. It is especially valuable in situations with limited sample sizes, non-normal data distributions, and intricate models containing numerous observed variables and

relationships [12], [13]. Partial Least Squares Structural Equation Modelling (PLS-SEM) provides benefits compared to conventional Structural Equation Modelling (SEM) in certain specific situations. The PLS-SEM method was implemented using SmartPLS 3.2.8, as stated in the release notes of SmartPLS.

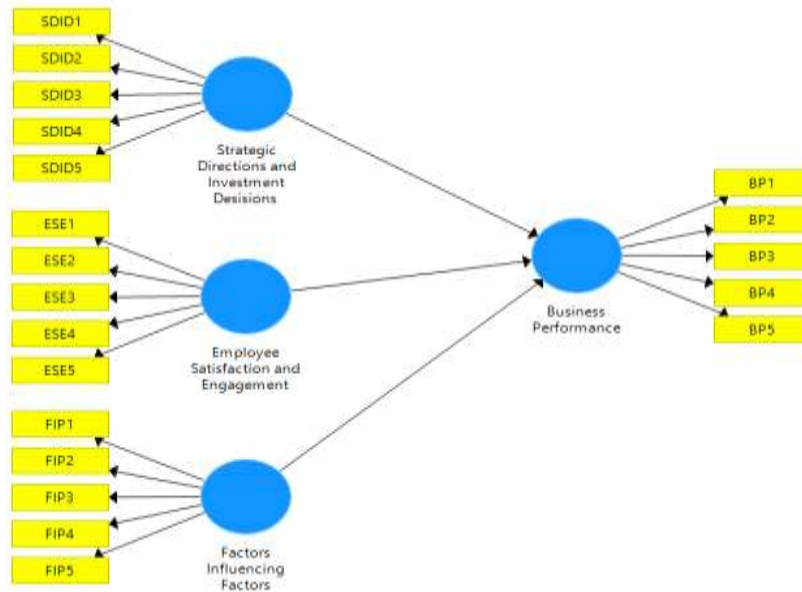


Figure 2 Conceptual Model in SmartPLS

Results and Findings

The relevant correlations were detected using SmartPLS 3.2.8, and a thorough comprehension of the model was obtained by utilizing the PLS-SEM approach with bootstrapping. After the building process was completed, a visual depiction of the finished model was created, as shown in Figure 2.

Table 1 Bootstrapping Parameters

Subsamples	500
Number of Results	Complete Bootstrapping
Test Type	Two Tailed
Significance Level	5%

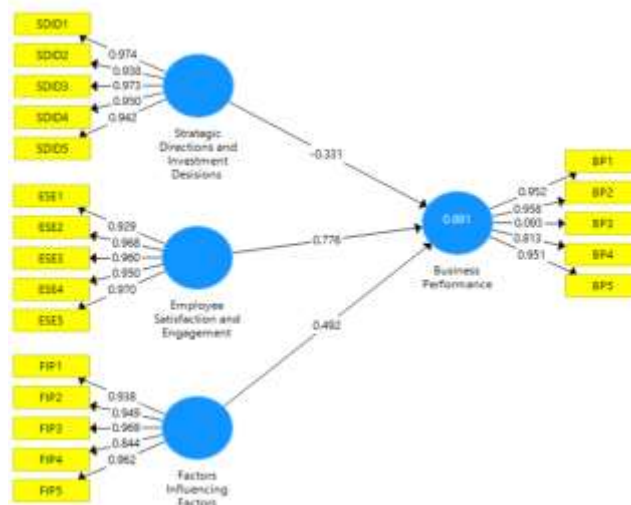


Figure 3 The Conceptual model with outer loading, path coefficients and constructs as Cronbach's Alpha

Convergent and Discriminant Validity

An aspect of construct validity known as convergent validity examines how well one measurement fits with others that are thought to measure the same core idea [14], [15]. Essentially, it assesses the degree to which a measurement shows consistency with other measurements of the same concept.

Table 2 Construct Reliability and Validity

	Cronbach's Alpha	rho_A	Composite Reliability	Average Variance Extracted (AVE)
Strategic Direction and Investment Decisions	0.976	0.977	0.981	0.913
Employee Satisfaction and Engagement	0.976	0.977	0.981	0.913
Factors Influencing Performance	0.962	0.966	0.971	0.871
Business Performance	0.832	0.957	0.899	0.679

This table illustrates the reliability and validity of Strategic Direction and Investment Decisions, Employee Satisfaction and Engagement, Factors Influencing Performance, and Business Performance. Cronbach's Alpha, as defined by Forero (2014), quantifies the degree of internal consistency, specifically assessing the extent to which items on a scale measure the same underlying concept. For all four configurations, Cronbach's Alpha ratings that above 0.7 are considered acceptable. Rho_A [16] is another measure of internal consistency (Usage of Rho_A Reliability Coefficient - Forum.Smartpls.Com, n.d.). This version of Cronbach's Alpha takes into account the quantity of scale items. All four structures have strong rho_A values, all of which are over 0.8. Composite Reliability is a statistical measure that assesses the internal consistency of a construct using structural equation modelling. It is calculated using many methods such as Cronbach's Alpha, Composite Reliability (CR), and Average Variance (n.d.). All four structures have robust Composite Reliability scores over 0.8. The Average Variance Extracted (AVE) [16], [17] is a measure of convergent validity, which assesses the extent to which scale items effectively measure the same concept [18]. All four architectures have AVE values that are considered acceptable, with values over 0.5. The table demonstrates that the four structures are both reliable and accurate. This implies that they have the ability to accurately assess the dimensions of their desired constructions.

Hypotheses Testing

Table 4 Hypotheses Testing

Hypothesis		Original Sample (O)	Sample Mean (M)	Standard Deviation (STDEV)	T Statistics ((O/STDEV))	P Values	Decision
H1	Strategic Direction and Investment Decisions → Business Performance	-0.331	-0.412	0.258	1.285	0.199	Not Supported
H2	Employee Satisfaction and Engagement → Business Performance	0.776	0.879	0.294	2.636	0.009	Supported
H3	Factors Influencing Performance → Business Performance	0.492	0.469	0.295	1.668	0.096	Not Supported

The findings derived from the examination of three hypotheses demonstrate that Business Performance highly influences Employee Satisfaction and Engagement. The hypothesis initially posited (H1), which proposes a negative relationship between Strategic Direction and Investment Decisions → Business Performance, is corroborated, indicating that those who experience enhanced business performance tend to demonstrate Business performance. The second hypothesis (H2) is further supported, highlighting the significant positive impact of Employee Satisfaction and Engagement on Business Performance. Finally, the third hypothesis (H3) is not supported, highlighting the insignificant impact of Factors Influencing Performance and Engagement on Business Performance.

Discussion

Strategic Direction and Investment Decisions: Employees often have a good perception of their businesses' strategic orientation, which emphasizes value creation and long-term development. Nevertheless, there are those who voice apprehensions over the congruence of investment choices with the broader objectives of the firm.

Employee Satisfaction and Engagement: Most workers express high levels of job satisfaction, attributing it to possibilities for professional development, demanding work tasks, and a cooperative team atmosphere. Nevertheless, there are worries over the equilibrium between work and personal life and the effective management of burden.

Performance Influencing elements: Crucial elements that impact employee performance include effective communication from top-level executives, availability of training and development initiatives, and acknowledgement of contributions. Team dynamics and leadership effectiveness are both essential factors.

Significance and Recommendations

The results of this research have many ramifications for private equity companies that are active in Singapore:

1. To promote trust and alignment among workers, it is crucial for firms to encourage open communication channels and transparency in decision-making processes.
2. Investing in talent development involves allocating resources towards employee training, mentoring programs, and career progression possibilities. This strategic investment may have positive effects on employee morale, retention rates, and overall productivity.
3. Addressing the issue of work-life balance may be achieved by proactive steps such as implementing flexible work arrangements and wellness programs. These efforts can significantly enhance employee well-being and job satisfaction.
4. Private equity companies must continuously monitor and adjust their strategy in response to regulatory changes in order to minimize risks and take advantage of possibilities in the changing market environment.

Conclusion

In the end, this study provides insight into the operational effectiveness of private equity companies in Singapore as seen by their employees. To enhance their operations, achieve sustainable growth, and contribute to the overall development of the economy, these companies may overcome significant obstacles and take advantage of favourable circumstances.

References

- [1] J. Lerner and A. Leamon, *Venture capital, private equity, and the financing of entrepreneurship*. John Wiley & Sons, 2023. Accessed: Mar. 26, 2024. [Online]. Available: https://books.google.com/books?hl=en&lr=&id=bay0EAAAQBAJ&oi=fnd&pg=PA1&dq=Private+equity+refers+to+investment+partnerships+that+acquire+and+oversee+firms+with+the+intention+of+eventually+selling+them&ots=dRVFApiVv-&sig=_0307_I2VspdqV44hE3Mv3fXiqM
- [2] S. N. Kaplan and B. A. Sensoy, "Private Equity Performance: A Survey," *Annu. Rev. Financ. Econ.*, vol. 7, no. 1, pp. 597–614, Dec. 2015, doi: 10.1146/annurev-financial-111914-041858.
- [3] Segal, "Understanding Private Equity (PE)," Investopedia. Accessed: Mar. 24, 2024. [Online]. Available: <https://www.investopedia.com/articles/financial-careers/09/private-equity.asp>
- [4] C. Demaria, *Introduction to private equity: venture, growth, lbo and turn-around capital*. John Wiley & Sons, 2013. Accessed: Mar. 26, 2024. [Online]. Available: https://books.google.com/books?hl=en&lr=&id=YLJEZT8RAhIC&oi=fnd&pg=PT9&dq=The+private+equity+sector+in+Singapore+has+witnessed+a+surge+in+activity,+as+firms+actively+engage+in+investments+across+multiple+industries.&ots=n_AjcXLv9d&sig=CAnJDX3TGGBM4k11KW0KVsqoRaI
- [5] J. M. Schell, P. L. Endreny, and K. M. Koren, *Private equity funds: Business structure and operations*. Law Journal Press, 2023. Accessed: Mar. 26, 2024. [Online]. Available: <https://books.google.com/books?hl=en&lr=&id=9CXLWwVGDQC&oi=fnd&pg=PA9&dq=Private+equity+refers+to+investment+partnerships+that+acquire+and+oversee+firms+with+the+intention+of+eventually+selling+them&ots=2utiaGNkRT&sig=86CcB4z0jw8sISM3DXCaFk8fwTg>
- [6] J. Chen, "Private Equity Explained With Examples and Ways to Invest," Investopedia. Accessed: Mar. 24, 2024. [Online]. Available: <https://www.investopedia.com/terms/p/privateequity.asp>
- [7] S. Caselli and G. Negri, *Private equity and venture capital in Europe: markets, techniques, and deals*. Academic Press, 2021. Accessed: Mar. 26, 2024. [Online]. Available: <https://books.google.com/books?hl=en&lr=&id=IOkGEEAAQBAJ&oi=fnd&pg=PP1&dq=Understanding+Private+Equity+Firms+in+Singapore&ots=v75tJtjw9&sig=CnVWuY6juwRBFh7t1nfKFngb6Tw>
- [8] J. Lerner and A. Leamon, *Venture capital, private equity, and the financing of entrepreneurship*. John Wiley & Sons, 2023. Accessed: Mar. 26, 2024. [Online]. Available: <https://books.google.com/books?hl=en&lr=&id=bay0EAAAQBAJ&oi=fnd&pg=PA1&dq=Understanding+Private+Equity+Firms+in+Singapore&ots=dRVFApiXp1&sig=yb1NwzvdVD92z4Jw4FGy1ZunBI>

- [9] V. Nikolopoulou *et al.*, "Screening of legacy and emerging substances in surface water, sediment, biota and groundwater samples collected in the Siverskyi Donets River Basin employing wide-scope target and suspect screening," *Sci. Total Environ.*, vol. 805, p. 150253, 2022, Accessed: Mar. 26, 2024. [Online]. Available: <https://www.sciencedirect.com/science/article/pii/S0048969721053304>
- [10] W. Black and B. J. Babin, "Multivariate Data Analysis: Its Approach, Evolution, and Impact," in *The Great Facilitator*, B. J. Babin and M. Sarstedt, Eds., Cham: Springer International Publishing, 2019, pp. 121–130. doi: 10.1007/978-3-030-06031-2_16.
- [11] R. Likert, "A technique for the measurement of attitudes.," *Arch. Psychol.*, 1932.
- [12] J. F. Hair, C. M. Ringle, and M. Sarstedt, "PLS-SEM: Indeed a Silver Bullet," *J. Mark. Theory Pract.*, vol. 19, no. 2, pp. 139–152, Apr. 2011, doi: 10.2753/MTP1069-6679190202.
- [13] J. F. Hair, B. J. Babin, and N. Krey, "Covariance-Based Structural Equation Modeling in the Journal of Advertising: Review and Recommendations," *J. Advert.*, vol. 46, no. 1, pp. 163–177, Jan. 2017, doi: 10.1080/00913367.2017.1281777.
- [14] C.-F. Chen and D. Tsai, "How destination image and evaluative factors affect behavioral intentions?," *Tour. Manag.*, vol. 28, no. 4, pp. 1115–1122, Aug. 2007, doi: 10.1016/j.tourman.2006.07.007.
- [15] T. Ramayah, J. Cheah, F. Chuah, H. Ting, and M. A. Memon, "Partial least squares structural equation modeling (PLS-SEM) using smartPLS 3.0," *Updat. Guide Pract. Guide Stat. Anal.*, pp. 978–967, 2018, Accessed: Mar. 26, 2024. [Online]. Available: https://www.researchgate.net/profile/Hiram-Ting/publication/341357609_PLS-SEM_using_SmartPLS_30_Chapter_13_Assessment_of_Moderation_Analysis/links/5ebc2be6a6fdcc90d674eb9c/PLS-SEM-using-SmartPLS-30-Chapter-13-Assessment-of-Moderation-Analysis.pdf
- [16] G. Jacqueline, Y. P. A. Senjaya, M. Z. Firli, and A. B. Yadila, "Application of SmartPLS in Analyzing Critical Success Factors for Implementing Knowledge Management in the Education Sector," *APTISI Trans. Manag.*, vol. 8, no. 1, pp. 49–57, 2024, Accessed: Mar. 26, 2024. [Online]. Available: <https://ijc.ilearning.co/index.php/ATM/article/view/2201>
- [17] E. A. Beldiq, B. Callula, N. A. Yusuf, and A. R. A. Zahra, "Unlocking organizational potential: Assessing the impact of technology through smartpls in advancing management excellence," *APTISI Trans. Manag.*, vol. 8, no. 1, pp. 40–48, 2024, Accessed: Mar. 26, 2024. [Online]. Available: <https://ijc.ilearning.co/index.php/ATM/article/view/2195>
- [18] P. M. Dos Santos and M. Â. Cirillo, "Construction of the average variance extracted index for construct validation in structural equation models with adaptive regressions," *Commun. Stat. - Simul. Comput.*, vol. 52, no. 4, pp. 1639–1650, Apr. 2023, doi: 10.1080/03610918.2021.1888122.