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Audit pricing in the pension plan audit market: An empirical study on the New Zealand KiwiSaver characteristics, audit market factors, non-audit services and board governance

A 110.899 thesis presented in partial fulfilment of the requirements for the degree of

Master of Business Studies

in

Accountancy

at Massey University, Albany, New Zealand

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2014
Abstract

This thesis documents the influence of the New Zealand KiwiSaver characteristics, audit market factors, non-audit services and board characteristics on audit fees between 2011 and 2013 fiscal years. It documents the first audit pricing study on New Zealand’s defined contribution pension plan, the ‘KiwiSaver’, which adds to the little literature in the pension industry. I find that the KiwiSaver characteristics, including size, risk and complexity, are associated with audit fees, consistent with prior pension plans research and other markets studied. Further, I examine whether audit market factors (measured by Big Four and first year audit) earn audit fee premiums in the industry. Consistent with prior pension plans research I find that the audit market factors have no effect on audit fees in the industry, despite the Big Four firms having a much higher share in the KiwiSaver audit market. I also investigate the impact of the auditor-client relationship on audit pricing and address the KiwiSaver regulators concern with auditor independence in the industry. I find that a non-audit services fee is not a significant factor in determination of audit fees in the industry. This suggests that auditor independence is not an issue. The KiwiSaver presents a multi-tiered agency setting in which the impact of governance practices on audit fees can be analysed. I find evidence that skilful and expert trustees demand higher audit quality services, despite KiwiSaver’s smaller board size.

Key words: Audit pricing, pension plan, KiwiSaver, audit market factors, non-audit services and governance.
Acknowledgements

I wish to acknowledge my sincere gratitude to a number of people whose generous support and kind assistance were critical in assisting me to complete this research.

First, I am enormously grateful for the wisdom, guidance and friendship of my supervisor, Professor Michael Bradbury. Without your supervision and constant help this thesis would not have been possible. I am also grateful to the departmental staff at Albany Campus, Auckland for all your kind support and assistance.

Secondly, a special thanks to the Government of Tonga, especially Ministry of Education and Training, and the Retirement Fund Board for their supports and funding of my study. Further, I would like to thanks the Retirement Fund Board staff for their continuous support and prayers during these years.

Big thanks go out to my wife and children for their patient and enormous support during the research. Their love, encouragement, and prayers helped me through to the completion of the thesis. Further, I would like to thank my parent, families and friends for their continuous support and prayers.

There are many others who contributed in some way to this work and constraints of space do not permit me to mention them by name. But I would always remember the help that I received in completion of this thesis.

Last but not the least I would like to take this opportunity to thank the Almighty God for His unconditional love, guidance, strength and wisdom during the research, for without God, the thesis would not be successful. All glory and praises be returned unto Him alone.
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## Abbreviations

Here is an explanation of the key abbreviations used throughout the thesis:

<table>
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<th>Abbreviation</th>
<th>Description</th>
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<tbody>
<tr>
<td>CEO</td>
<td>Chief Executive Officer</td>
</tr>
<tr>
<td>DBP</td>
<td>Defined Benefit Pension Plan</td>
</tr>
<tr>
<td>DCP</td>
<td>Defined Contribution Pension Plan</td>
</tr>
<tr>
<td>GDP</td>
<td>Gross Domestic Product</td>
</tr>
<tr>
<td>GFC</td>
<td>Global Financial Crisis</td>
</tr>
<tr>
<td>KSP</td>
<td>KiwiSaver Scheme Provider</td>
</tr>
<tr>
<td>NAS</td>
<td>Non-Audit Services</td>
</tr>
<tr>
<td>OECD</td>
<td>Organisation for Economic Co-operation and Development</td>
</tr>
<tr>
<td>OLS</td>
<td>Ordinary Least Squares</td>
</tr>
<tr>
<td>PAYE</td>
<td>Pay As You Earn</td>
</tr>
<tr>
<td>SMSFs</td>
<td>Self-Managed Superannuation Funds</td>
</tr>
<tr>
<td>Std. Deviation</td>
<td>Standard Deviation</td>
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</tbody>
</table>