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# Explicit Solutions to Correlation Matrix Completion Problems for Risk and Insurance

Gareth W. Peters\*<sup>1</sup>

<sup>1</sup>Heriot-Watt University – United Kingdom

## Abstract

Agenda

1 Risk and Insurance Context

2 Objectives of the Problem

3 Proposed Solution Framework

4 Dual Problem Approaches to Correlation Completion vs Covariance Selection

5 Maximal determinant completions

6 Appendix Examples of Insurance Application

7 Appendix Proof of Main Theorem

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\*Speaker