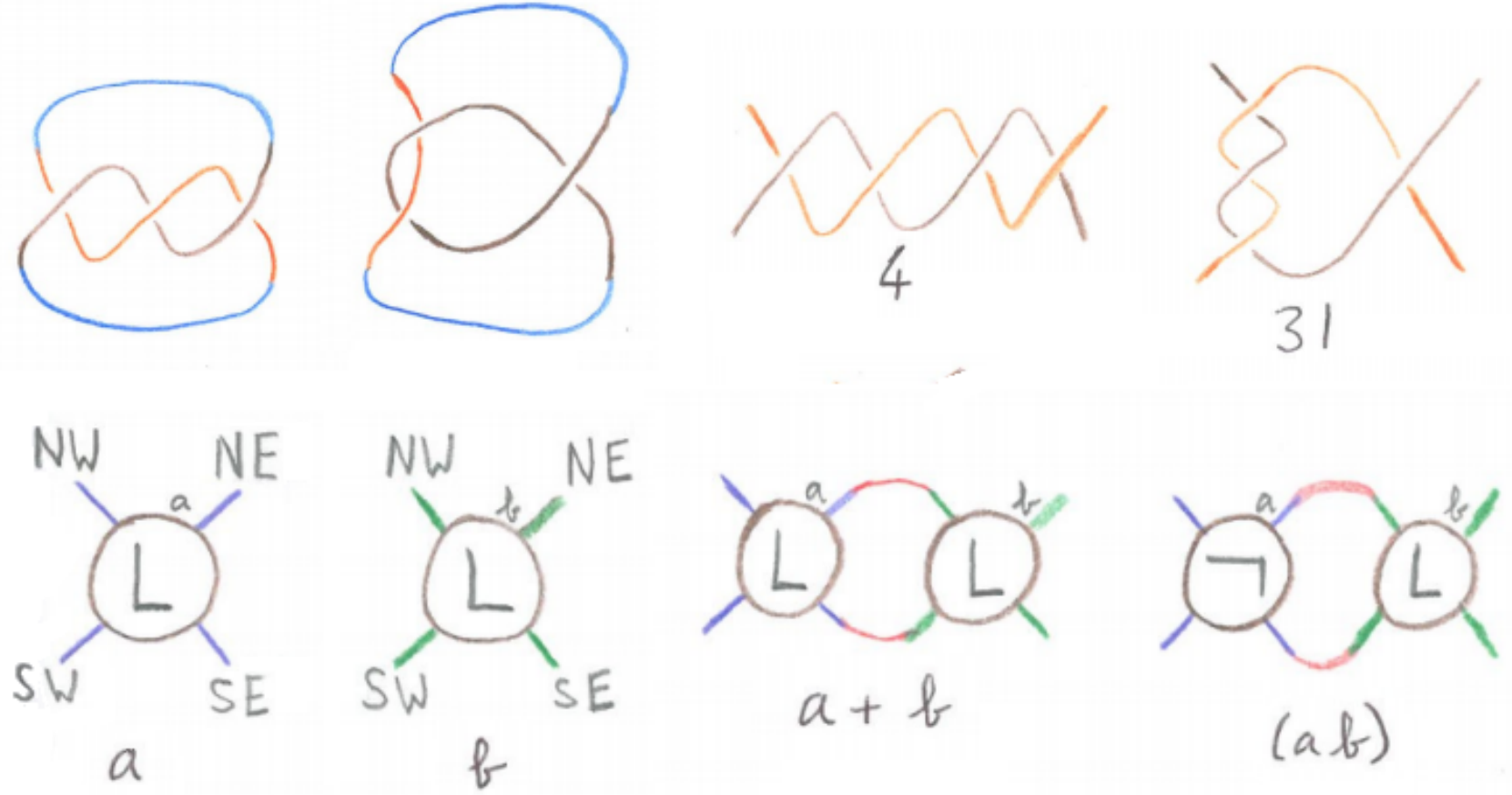




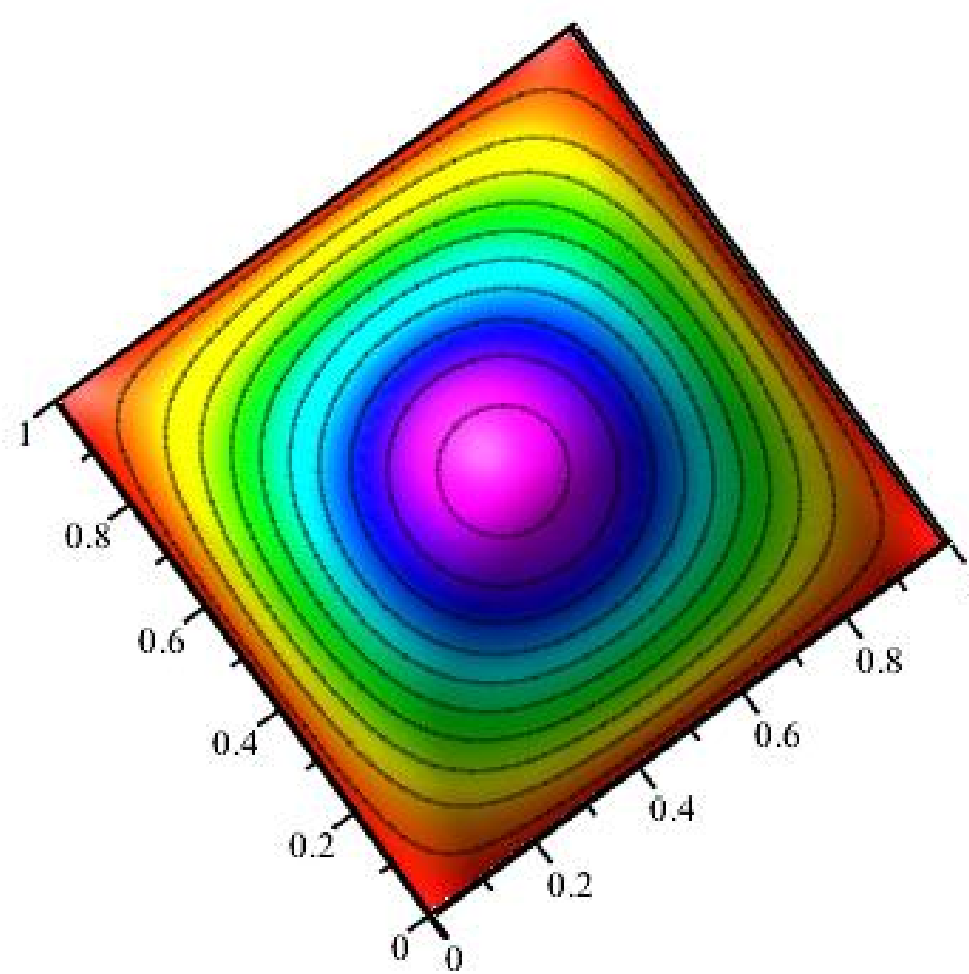
at the School of Mathematics, Statistics and Applied Mathematics, NUI Galway

This poster presents a small selection of the images created by undergraduate students in the School of Mathematics, Statistics and Applied Mathematics, as part of their final year projects. They show the diversity of topics our students are researching, covering numerous areas of pure and applied mathematics, statistics, bioinformatics, and computing. For a full list of students, and their project titles, use the QR-code above.

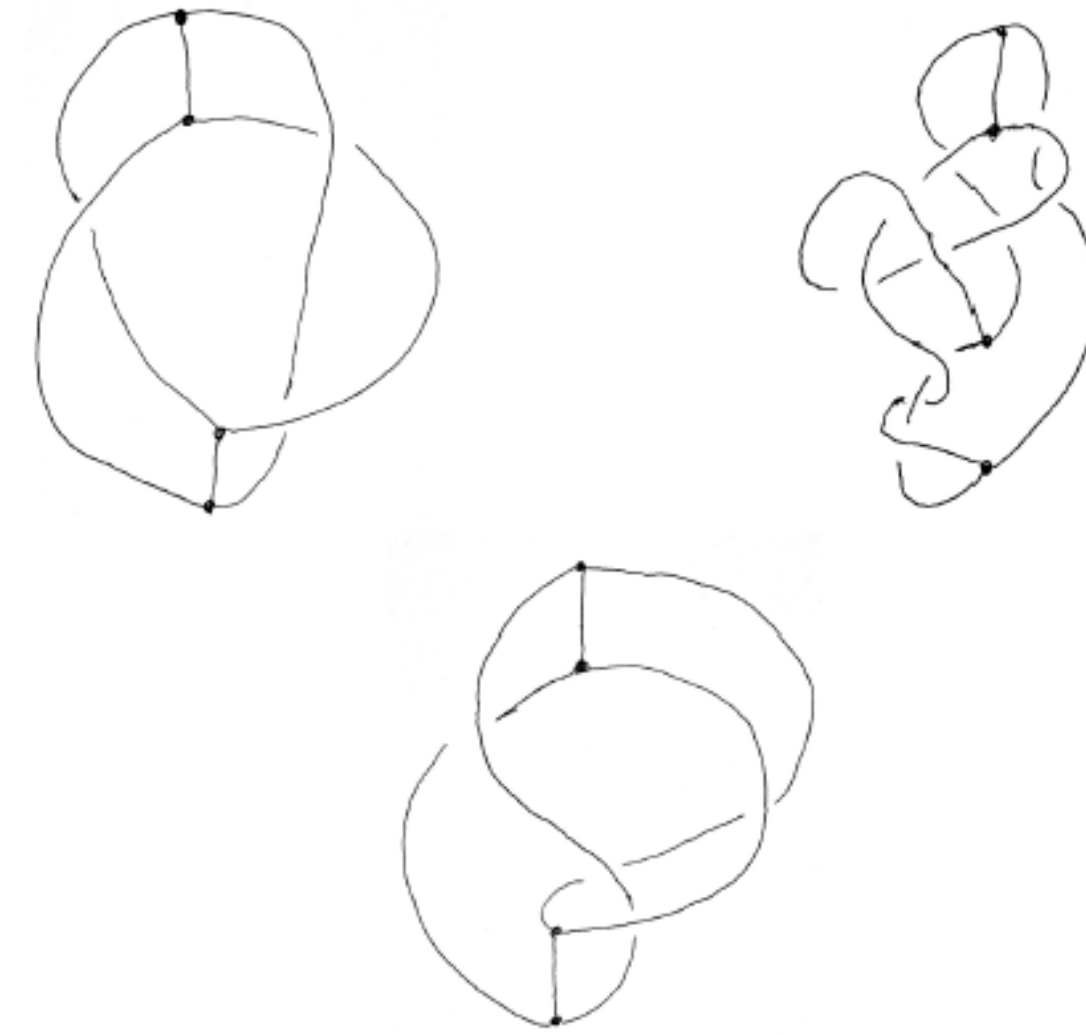
TUATHLAITH DE BÚRCA: *Knot My Project*



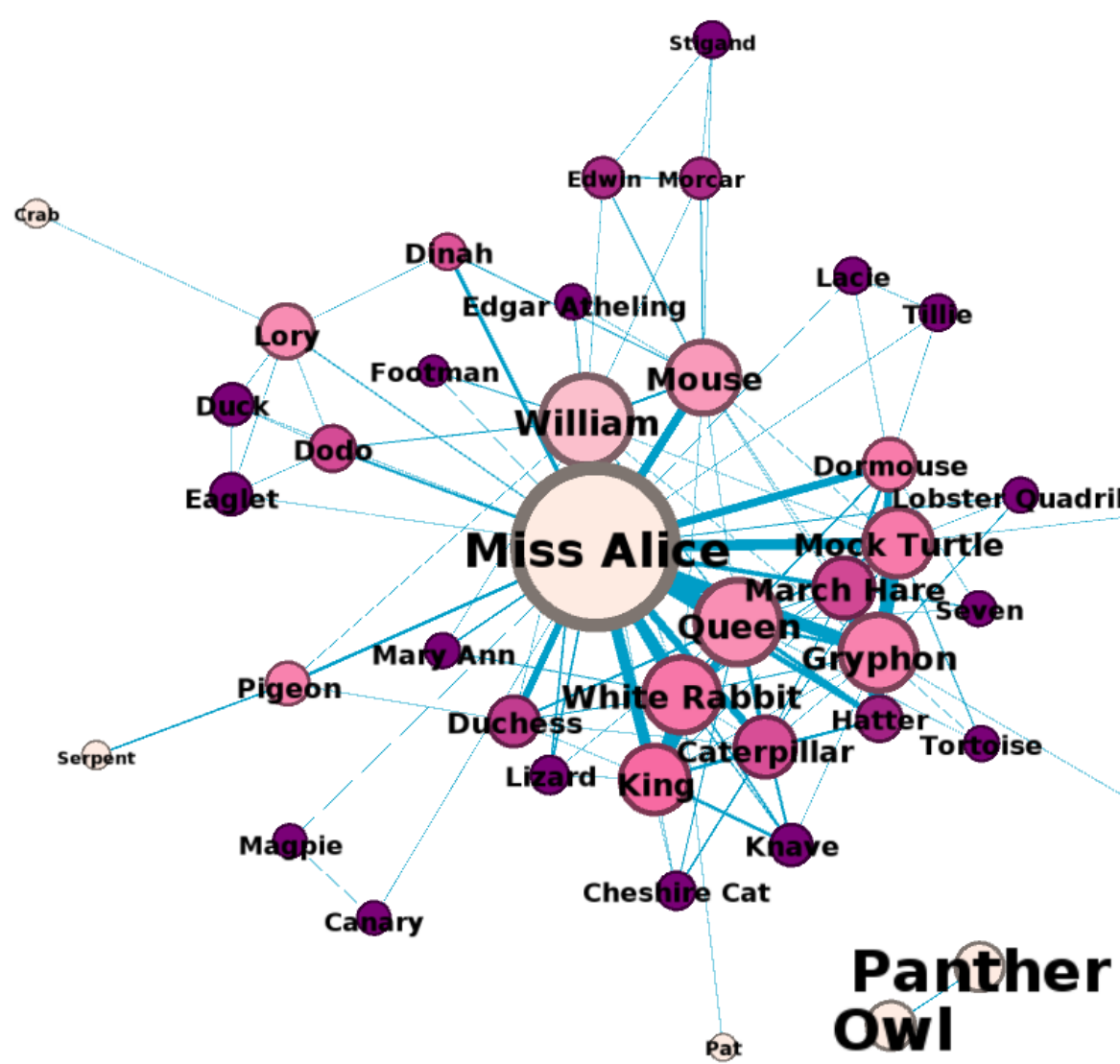
ELLEN CASEY: *Analysis of the Formation of Patterns on a Heated 3-Dimensional Pane of Glass*



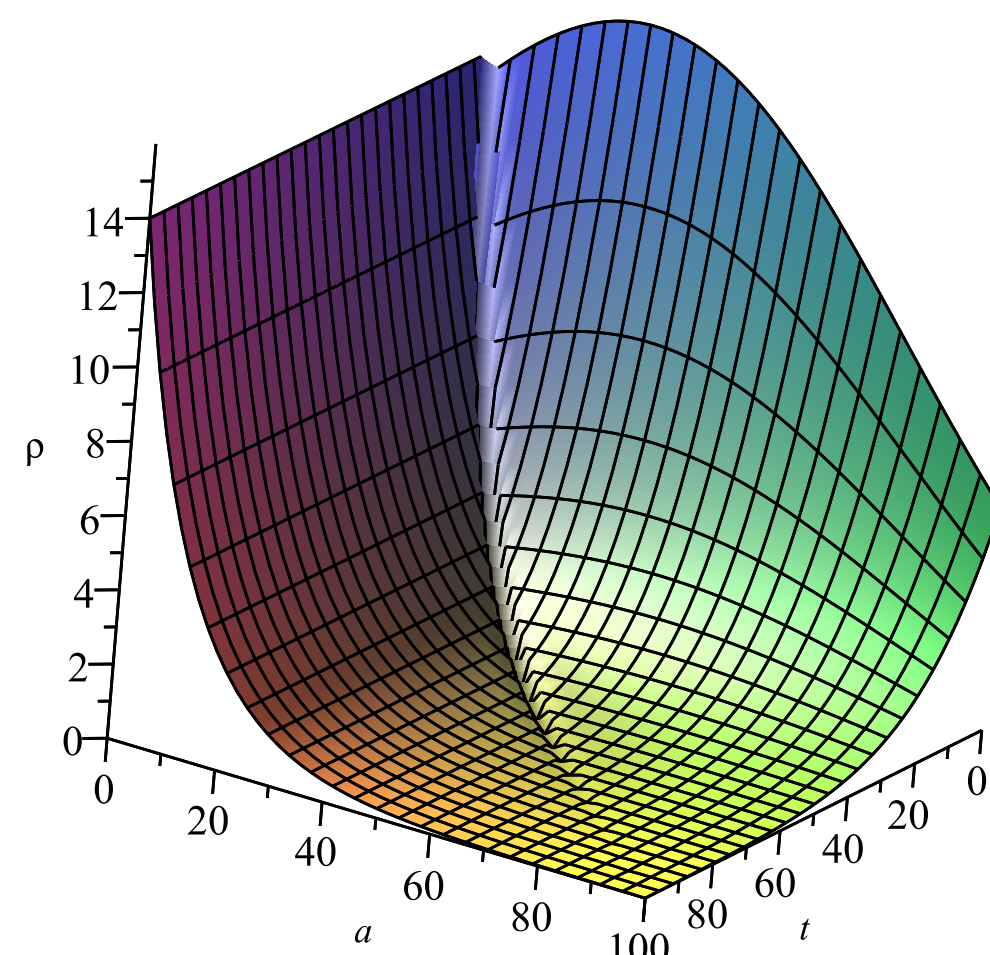
PATRICK FLEMING: *Towards a Classification of Theta-Knots*



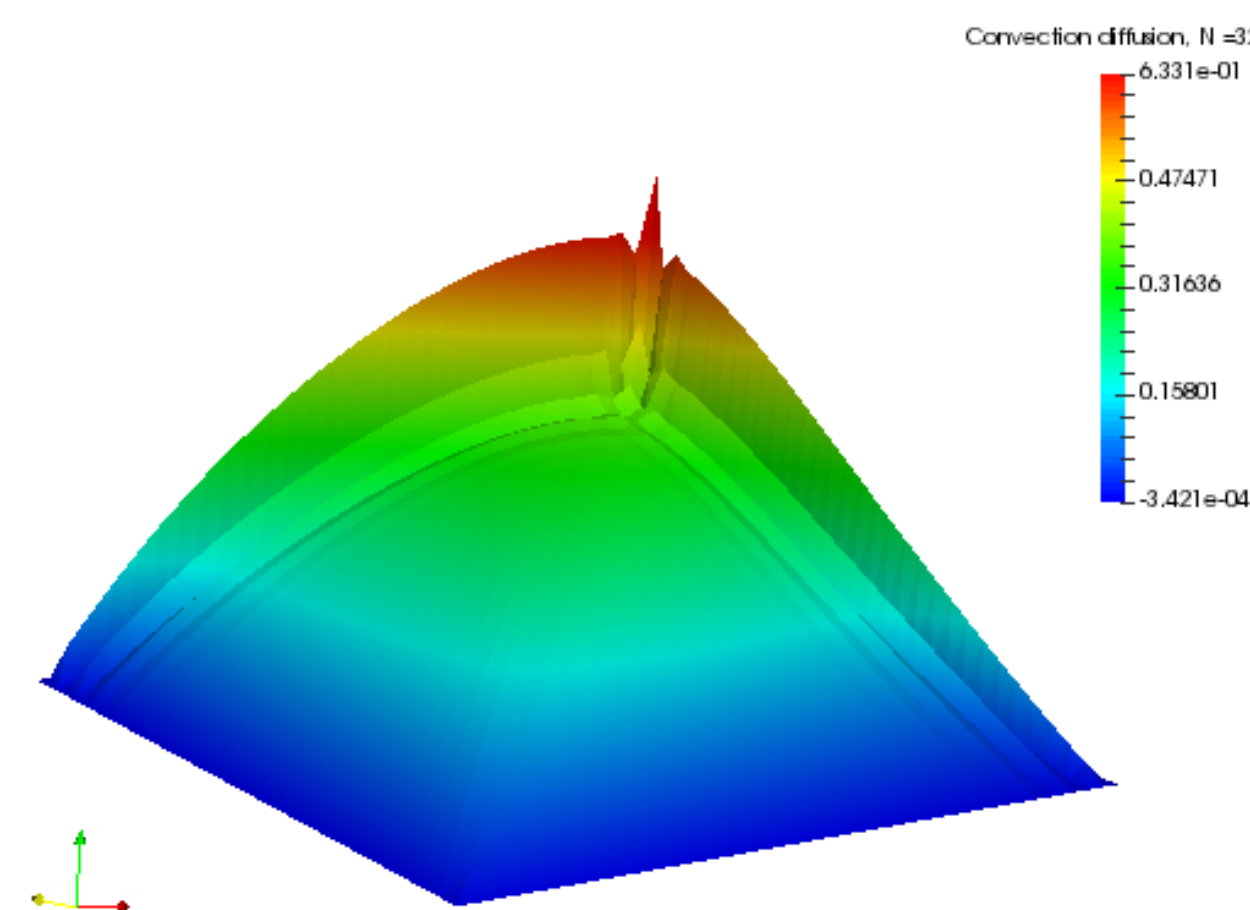
AILBHE GILL: *Extracting a social network of protagonists from literary text*



AOIFE HILL: *Age-Structured Population Modelling*



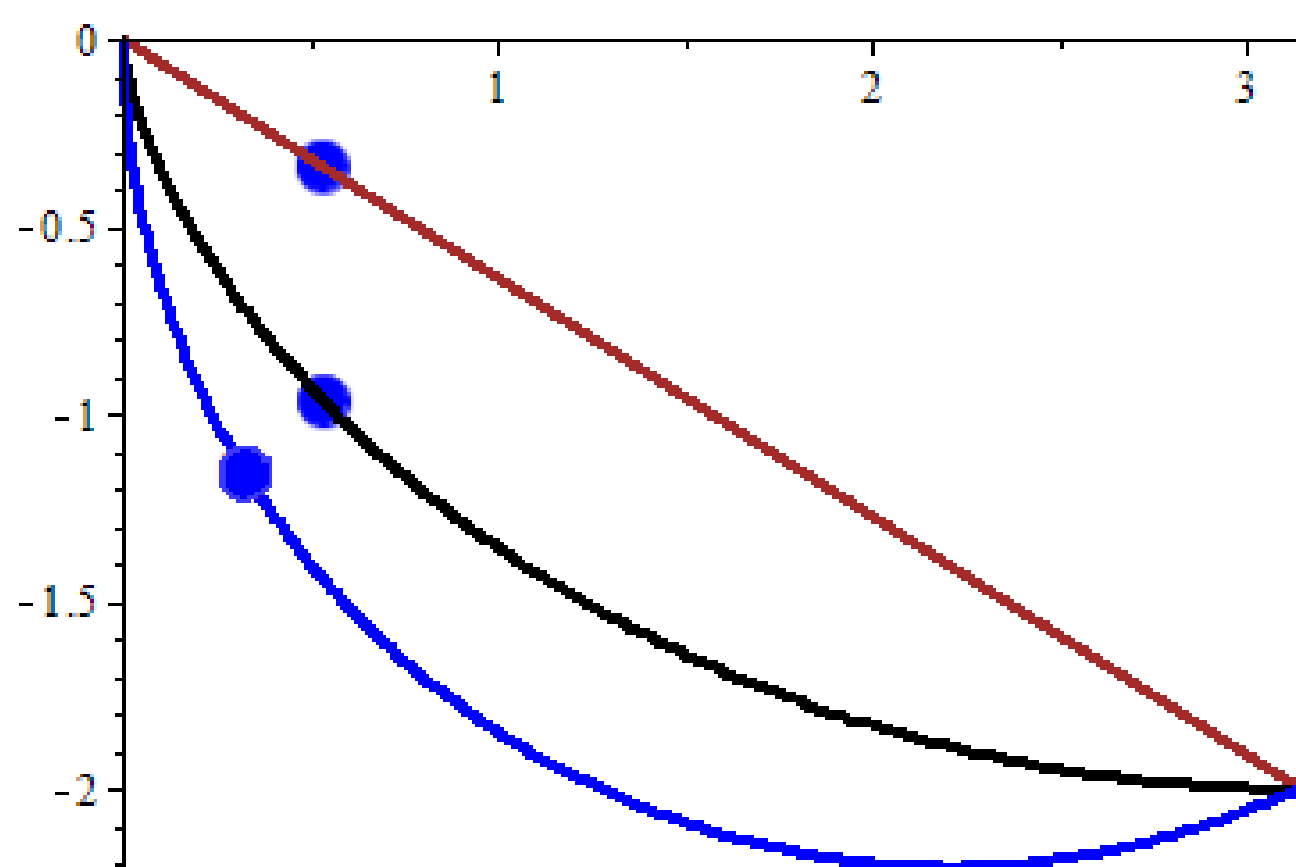
RÓISÍN HILL: *Discontinuous Galerkin Methods and FEniCS*



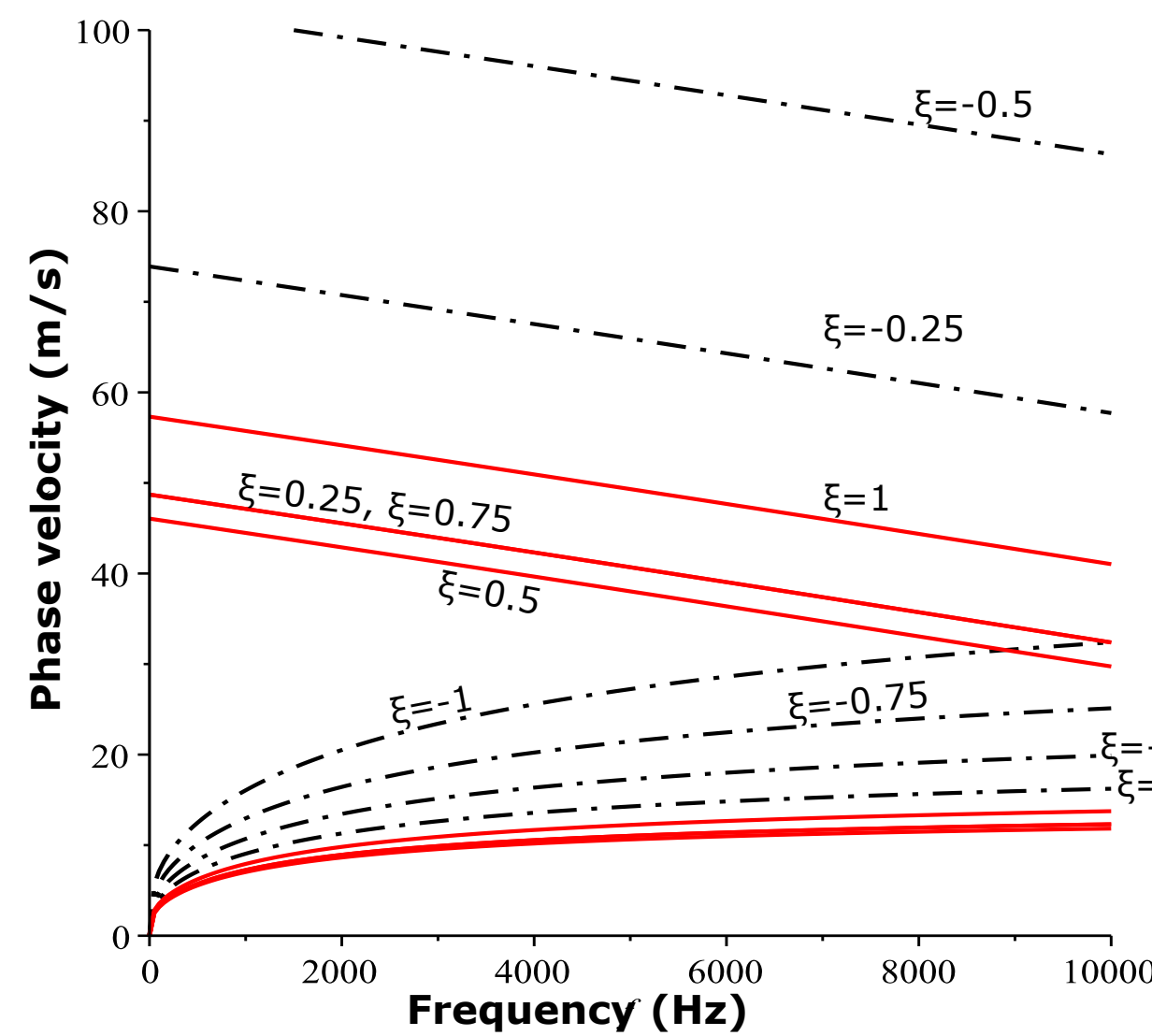
AARON KILBOY: *An Investigation into Bitcoin and Blockchain Technology*

1	UTXO: 0 BTC
	Output: 12.5 BTC to Alice
2	UTXO: 12.5 BTC [1]
	Output: 2.5 BTC to Bob, 10 BTC to Alice
	Signed: Alice
3	UTXO: 2.5 BTC [2]
	Output: 1 BTC to Carol, 1.5 BTC to Bob
	Signed: Bob
4	UTXO: 10 BTC [2]
	Output: 5 BTC to Carol, 5 BTC to Alice
	Signed: Alice

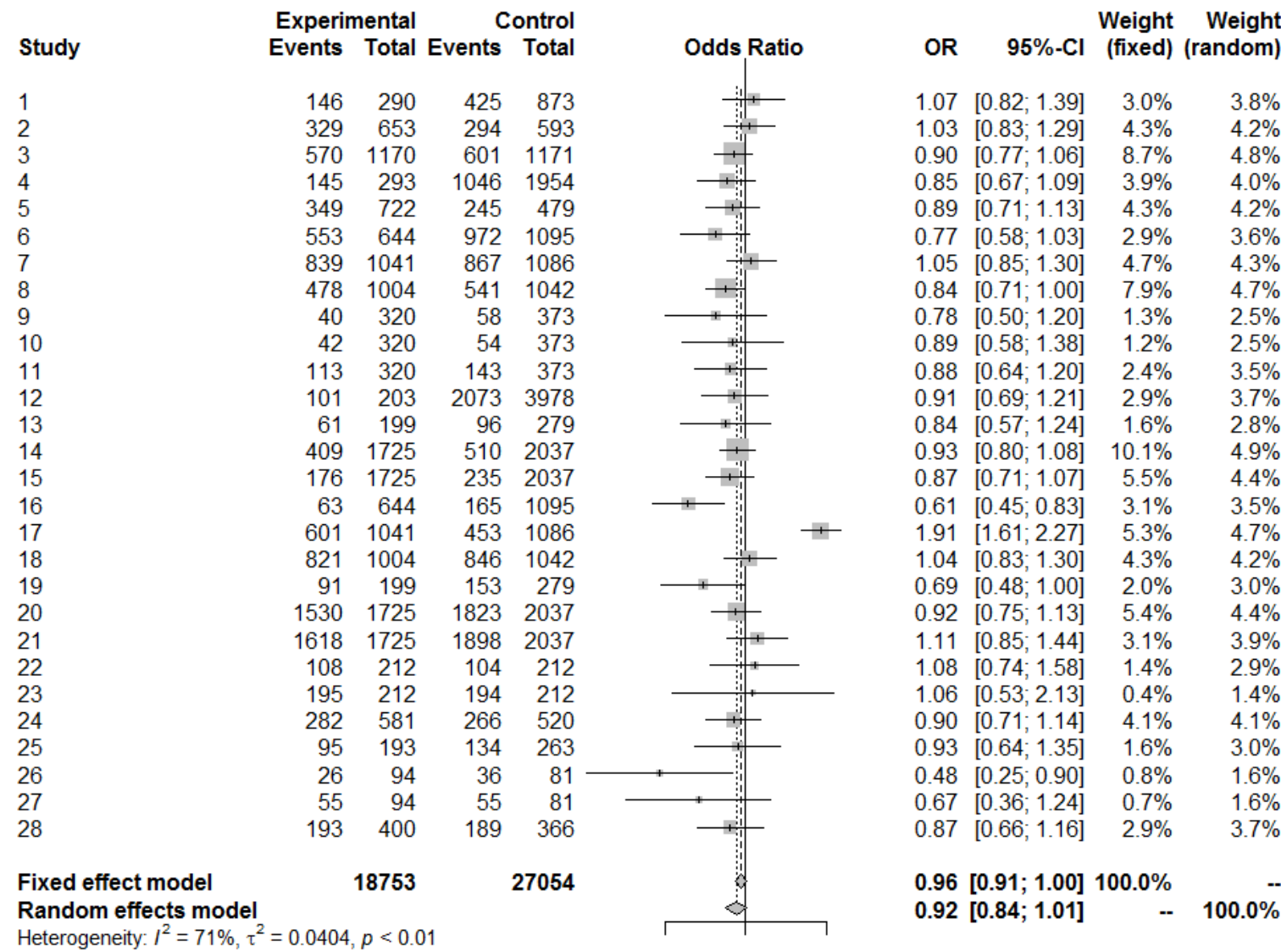
PIERCE LAWLOR: *Optimal Design of a Ski Ramp*



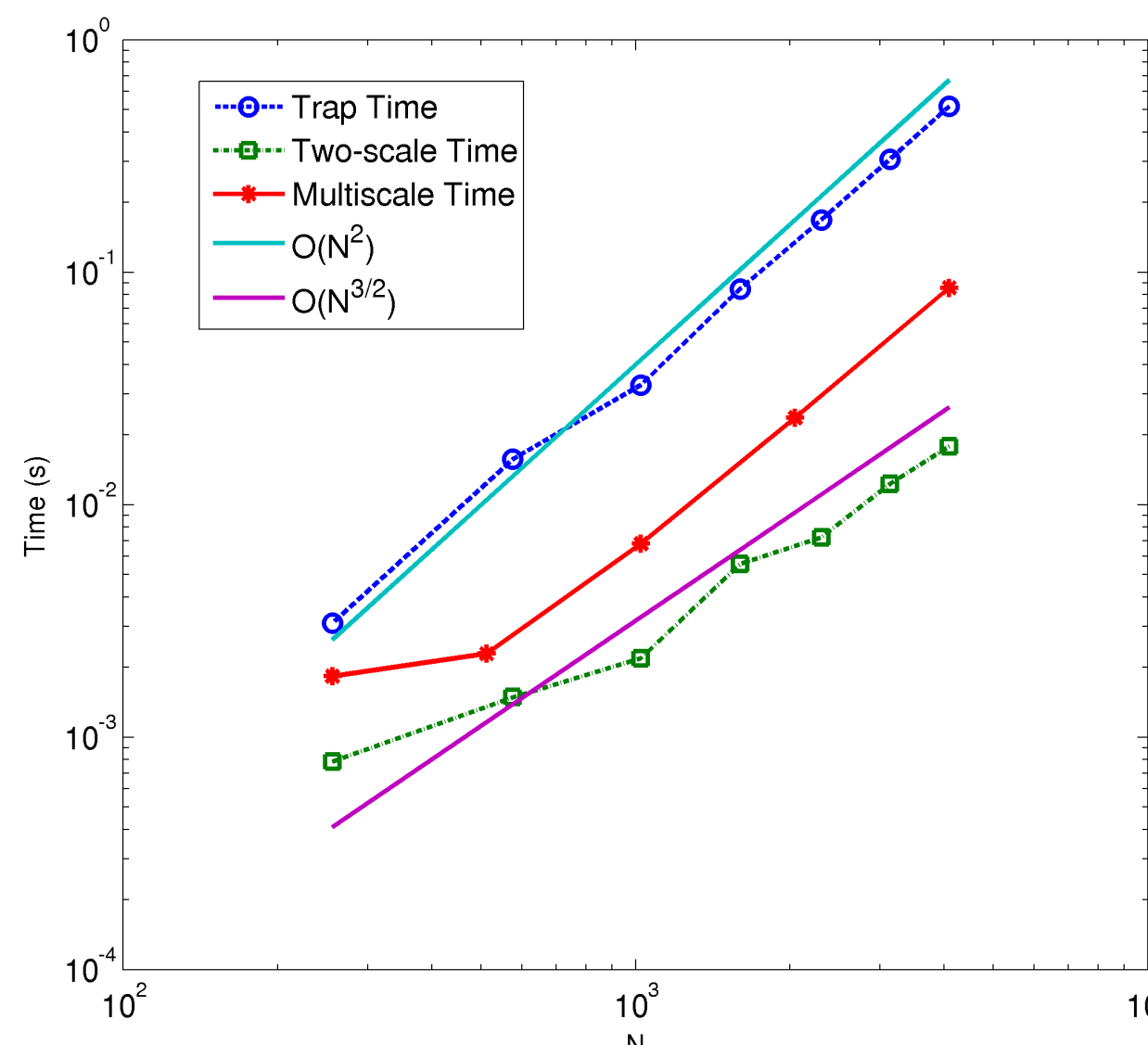
AIDAN MANNION: *Influence of Stretch on the Propagation of Elastic Waves in a Plate*



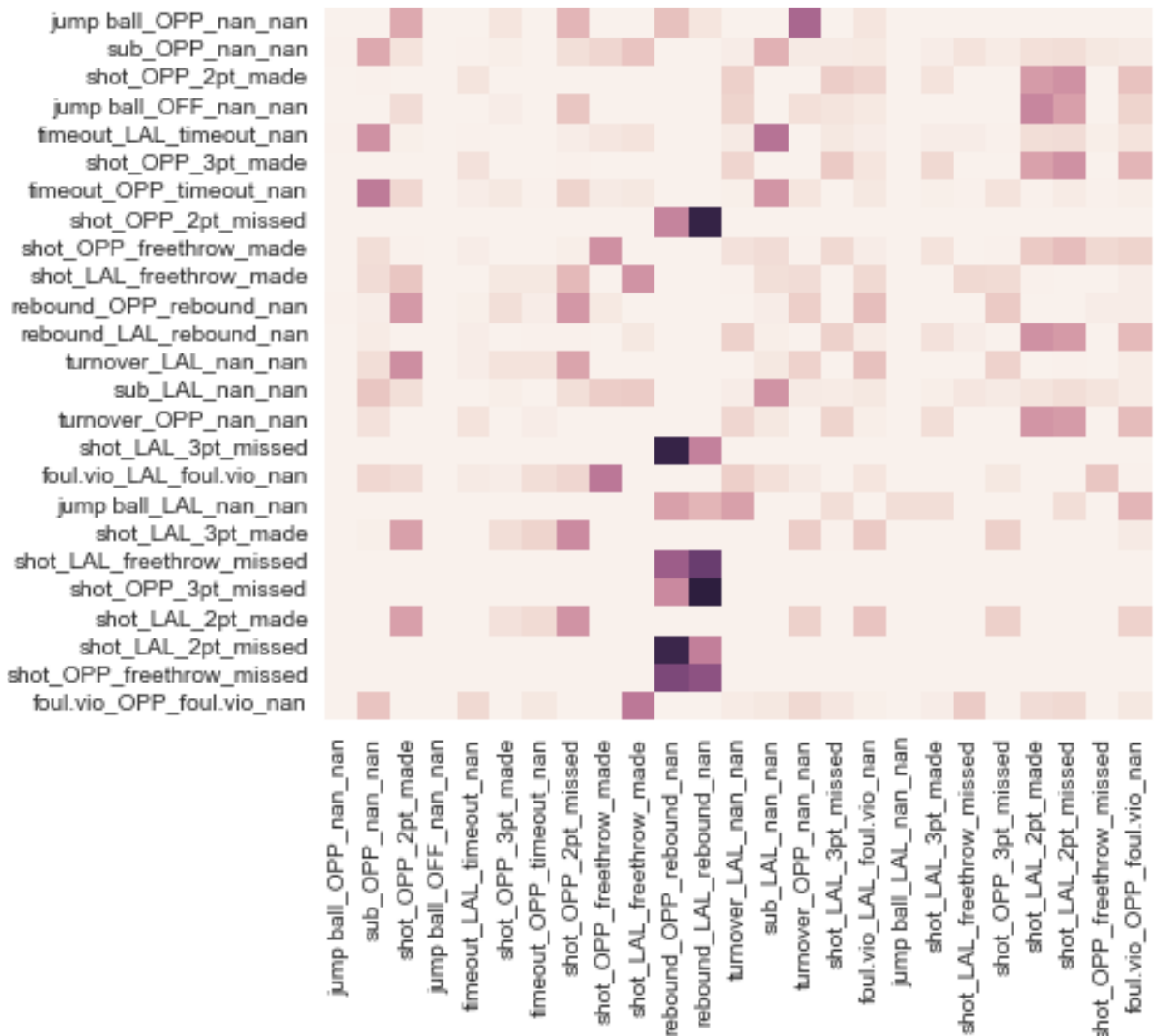
LORNA MCLOUGHLIN: *The effects of the IGF1 gene on cancer risk*



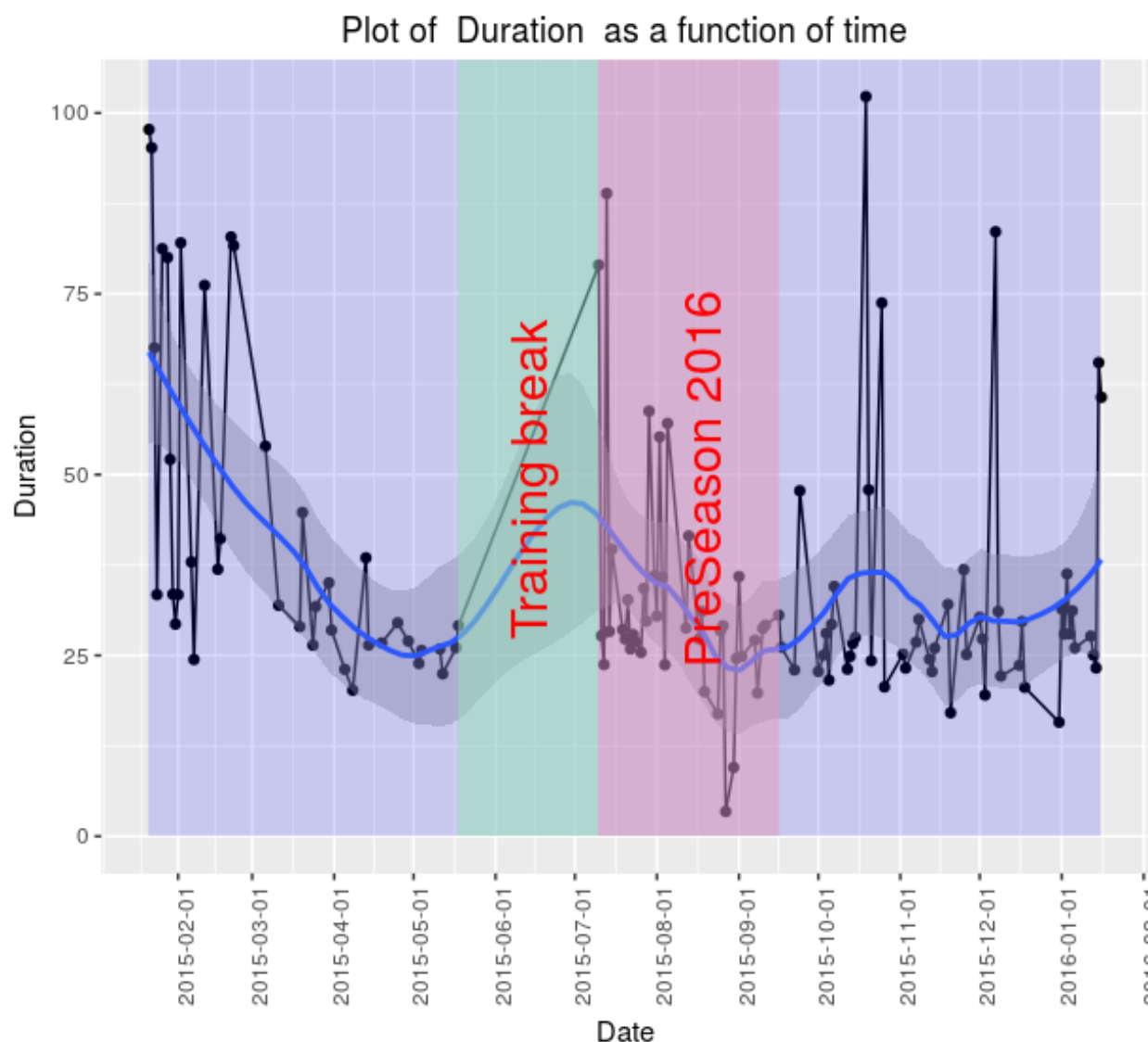
NOELEEN RAWLE: *High dimensional quadrature using sparse grid methods*



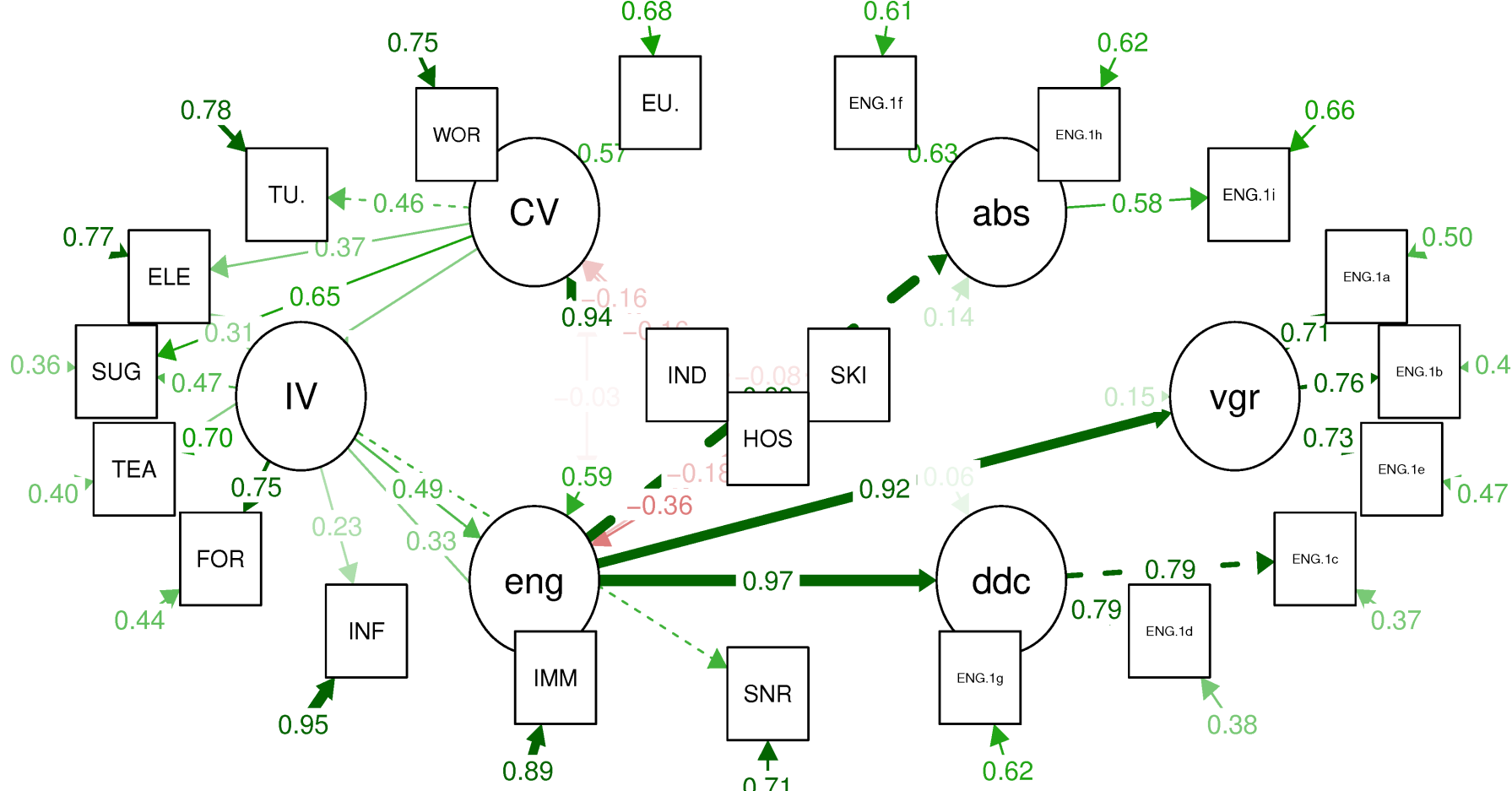
BRIAN REGAN: *Markov Chains and an Application in Modeling and Simulating Basketball Games*



DAVID SMYTH: *A Statistical Analysis and Visualization of High Performance Athlete Data*



SZYMON URBAS: *Identification and evaluation of structural equation models*



BARTLOMIEJ ZAUCHA: *Dancing links*

