

PermLab: software for permutation patterns

Michael Albert

michael.albert@cs.otago.ac.nz

Department of Computer Science, University of Otago

PP2012: U. Strathclyde 13/6/2012



Who is responsible?

- ▶ Mike Atkinson
- ▶ Samson de Jager
- ▶ Chris Monteith
- ▶ Rhys Abraham
- ▶ Michael Belton



Who is responsible?

- ▶ Mike Atkinson
- ▶ Samson de Jager
- ▶ Chris Monteith
- ▶ Rhys Abraham
- ▶ Michael Belton

Any remaining errors are the responsibility of the present author.



What is it?

- ▶ Software intended to facilitate research about permutation patterns
- ▶ A graphical user interface that allows:
 - ▶ enumeration of (classical) pattern classes
 - ▶ interactive construction of particular permutations
 - ▶ animated display of collections of permutations
- ▶ A Java library that supports more refined investigations



How do I get it?

- ▶ See me here
- ▶ Drop me a line to be added to a DropBox folder
- ▶ Via the web <http://www.cs.otago.ac.nz/PermLab>



How can I help?

- ▶ Tell your friends
- ▶ Find bugs
- ▶ Suggest features
- ▶ Send examples
- ▶ Add functionality
- ▶ Cite or mention it

