But what about my favourite metaheuristic optimiser?

Border Collie Optimization

Global minimum

www.inlab.au
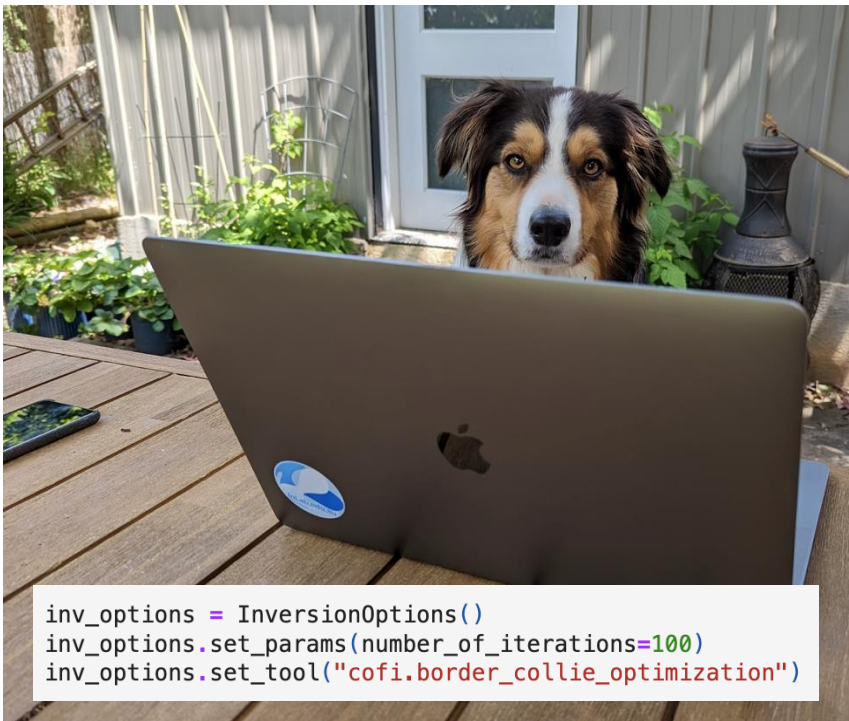
```
inv_options = InversionOptions()
inv_options.set_params(number_of_iterations=100)
inv_options.set_tool("cofi.border_collie_optimization")
```

InLab
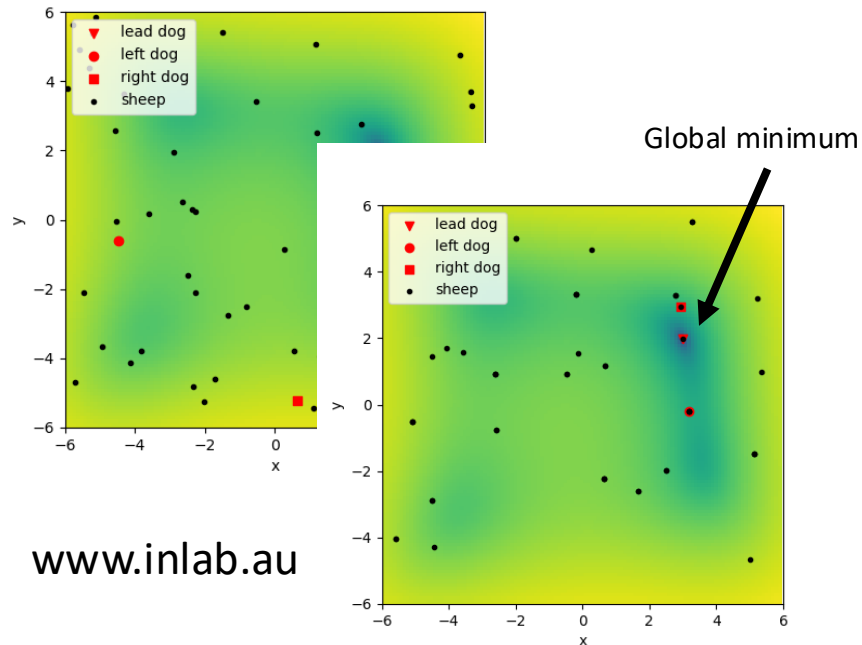
Beyond the workshop

A key aspect of CoFI is the flexibility provided for exploration and experimentation in inversion

Created examples and brought existing capabilities together

Making unique approaches accessible through the common interface and grow the set of examples

A FAIR example driven framework…

A conversation about CoFI over coffee is just the beginning…

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Explore our examples

Setup your own inverse problem

Let us know what you think

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Wrap up

This is an **open source** project

Feedback:

    Choosing priorities: Expanding the methods; the examples, building a community;

    Wishlist includes: scalability (HPC); new examples; automatic differentiation, Surrogate modelling. Link to new optimization and sampling packages…

Work with us get involved:

    Create an application example using CoFI -> modify an existing template or create your own.

Join our slack community:

    http://inlab.au/community

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