

Automated AI quantification of Cardiac Function for Early Disease Risk Stratification and Discovery of Genetic Drivers

Co-supervised by:

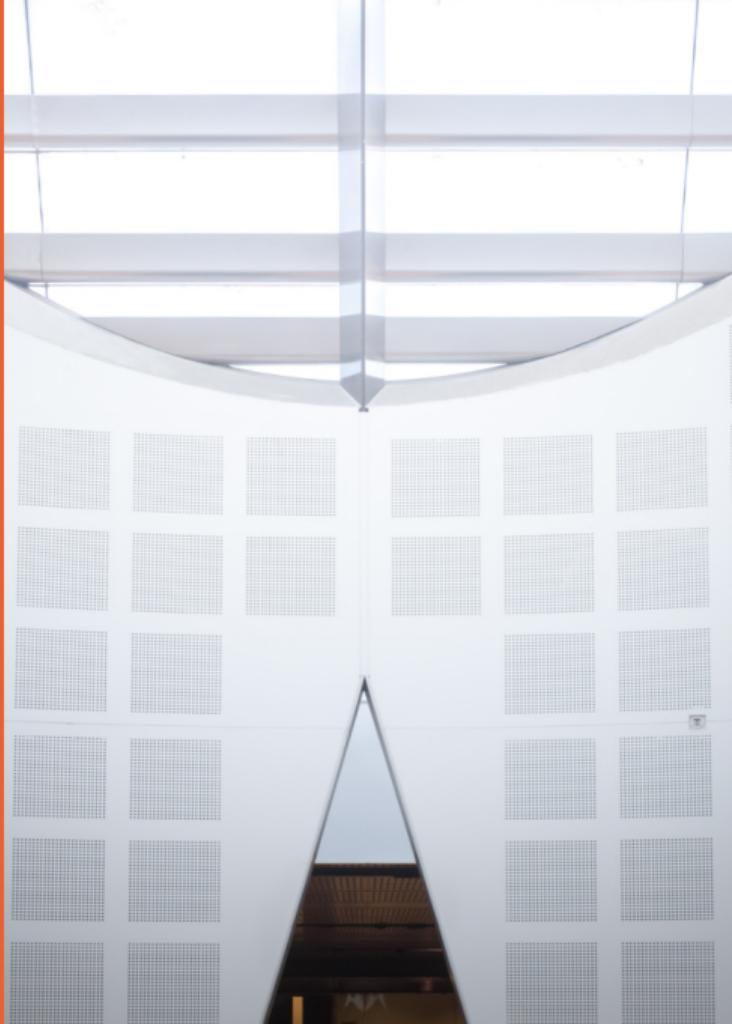
Prof. David James and Prof. Jinman Kim

Dahao Tang

Faculty of Science



**THE UNIVERSITY OF
SYDNEY**



Main

Reference

Standard Lists

This is an example of standard itemize and enumerate environments.

- ▶ Level 1 Item
- ▶ Level 1 Item
 - ▶ Level 2 Item (Nested)
 - ▶ Level 2 Item

1. First Point
2. Second Point

Math Font Check (Tinos)

Inline math check: $x + y = z$.

Goal: Roman + Bold + Text inside math should match Tinos font.

$$\text{KL}(p\|q) = \mathbf{W}x + (\text{regularization term})$$

Goal: Check mixed styles (Italic vs Upright).

$$\text{loss}(\mathbf{w}) = \sum_{i=1}^n \log p(y_i | x_i; \mathbf{w}) \quad \text{where } \log \text{ is upright.}$$

Code Example (Google Sans Code)

The following code block uses the theme colors automatically.

```
import math

def softmax(xs):
    """Compute softmax values for a list of numbers."""
    m = max(xs)
    exps = [math.exp(x - m) for x in xs]
    s = sum(exps)
    return [e / s for e in exps]

print(softmax([1.0, 2.0, 3.0]))
```

Reference I