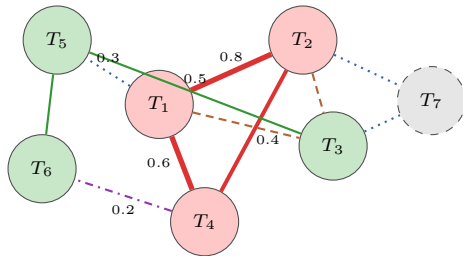# Multi-Edge Test Relationship Graph

Edge Types

— Co-Failure (1.0)
— Co-Success (0.5)
-- Component (0.4)
⋯ Semantic (0.3)
-·- Temporal (0.2)

Node Types

Failed Test
Passed Test
Orphan Test

Combined Weight:

$$w_{ij} = \frac{\sum\limits_{e} w_e \cdot \text{type}_e(i,j)}{\sum\limits_{e} w_e}$$

**In-Graph Coverage
77.4%**