

Possible states¶

1. connectivity ($0 \Rightarrow 1$)

a) [0.45, 0.475]

- * both low (0.0002 22.3545, 0.0002 22.3545)
- * both high (35.6907 90.3982, 38.372 90.9708)
- * 0 low, 1 high (0.0002 22.3545, 35.6907 90.3982)

b) [0.475, 0.6]

- * both low (0.0 41.9181, 0.0 41.9181)
- * both high (39.9286 107.7591, 42.2686 108.1481)
- * 0 low, 1 high (0.0 41.9181, 39.9286 107.7591)

2. connectivity ($0 \Rightarrow 1, 1 \Rightarrow 0$)

a) [0.45, 0.475]

- * both low (0.0002 22.3546, 0.0002 22.3546)
- * both high (38.5174 90.9999, 38.5174 90.9999)

b) [0.475, 0.6]

- * both low (0.0 41.9181, 0.0 41.9181)
- * both high (42.3692 108.164, 42.3692 108.164)

Scenarios

1. connectivity ($0 \Rightarrow 1$)

- measure target in 1:
 - low, low \Rightarrow high, high
 - high, high \Rightarrow low, low
 - low, low \Rightarrow low, high
 - high, high \Rightarrow low, high
 - low, high \Rightarrow high, high
 - low, high \Rightarrow low, low
- measure target in (0,1):
 - low, low \Rightarrow high, high
 - high, high \Rightarrow low, low
 - low, low \Rightarrow low, high
 - high, high \Rightarrow low, high
 - low, high \Rightarrow high, high
 - low, high \Rightarrow low, low

2. connectivity ($0 \Rightarrow 1, 1 \Rightarrow 0$)

- measure target in 1:
 - low, low \Rightarrow high, high
 - high, high \Rightarrow low, low
- measure target in (0,1):
 - low, low \Rightarrow high, high
 - high, high \Rightarrow low, low