

# Theoretical Randomizations



- ... and all possible permutations in between

101 1	102 2	201 2	202 1	301 1	302 2	401 1	402 2
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101 1	102 2	201 1	202 2	301 2	302 1	401 1	402 2
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101 1	102 2	201 2	202 1	301 1	302 2	401 2	402 1
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101 2	102 1	201 2	202 1	301 1	302 2	401 2	402 1
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- ☐ **Under the null hypothesis**
  - ☐ 1 arrangement would have assigned treatment to the 4 most fertile strips (per pair) (1/16)
  - ☐ 4 arrangements would have assigned treatment to 3 of the most fertile strips (per pair) (3/16)
  - ☐ 6 arrangements would have assigned treatment to 2 of the most fertile strips (per pair) (6/16)
  - ☐ 4 arrangements would have assigned treatment to 1 of the most fertile strips (per pair) (3/16)
  - ☐ 1 arrangement would have assigned treatment to none most fertile strips (per pair) (1/16)