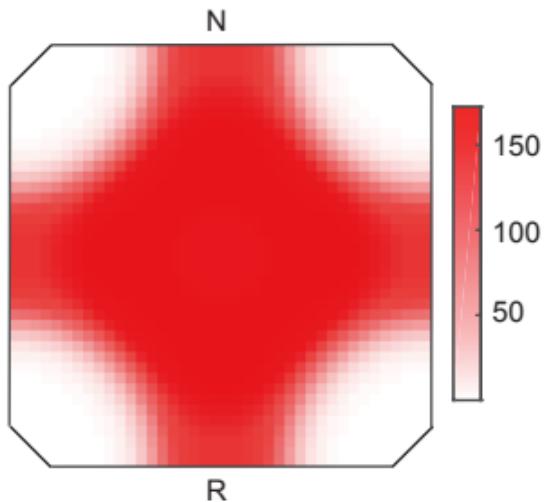**A** Simulation with N3

B Simulation without N3

N

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