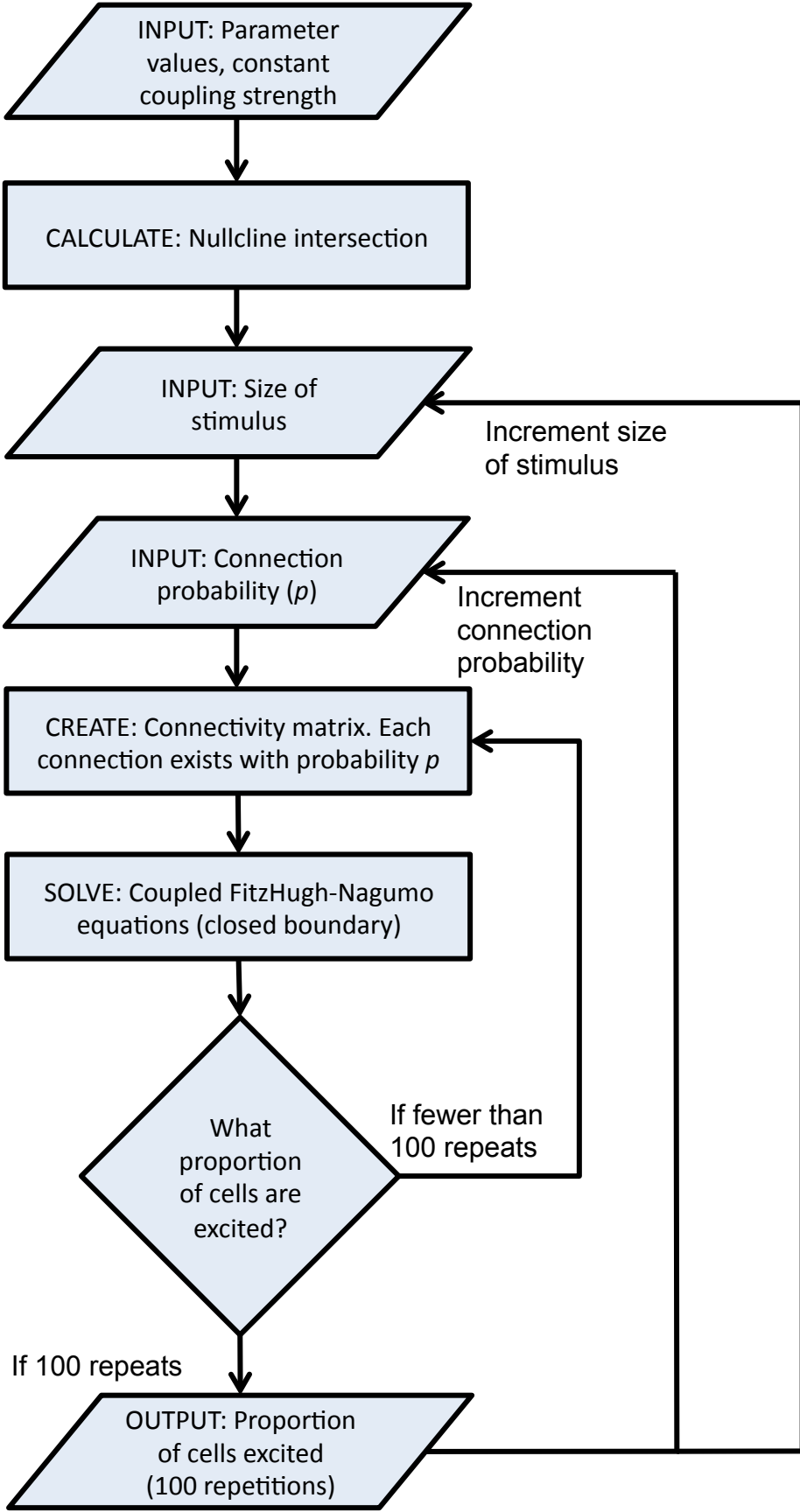
INPUT: Parameter values, constant coupling strength
CALCULATE: Nullcline intersection
INPUT: Size of stimulus
Increment size of stimulus
INPUT: Connection probability (p)
Increment connection probability
CREATE: Connectivity matrix. Each connection exists with probability p
SOLVE: Coupled FitzHugh-Nagumo equations (closed boundary)
What proportion of cells are excited?
If fewer than 100 repeats
If 100 repeats
OUTPUT: Proportion of cells excited (100 repetitions)