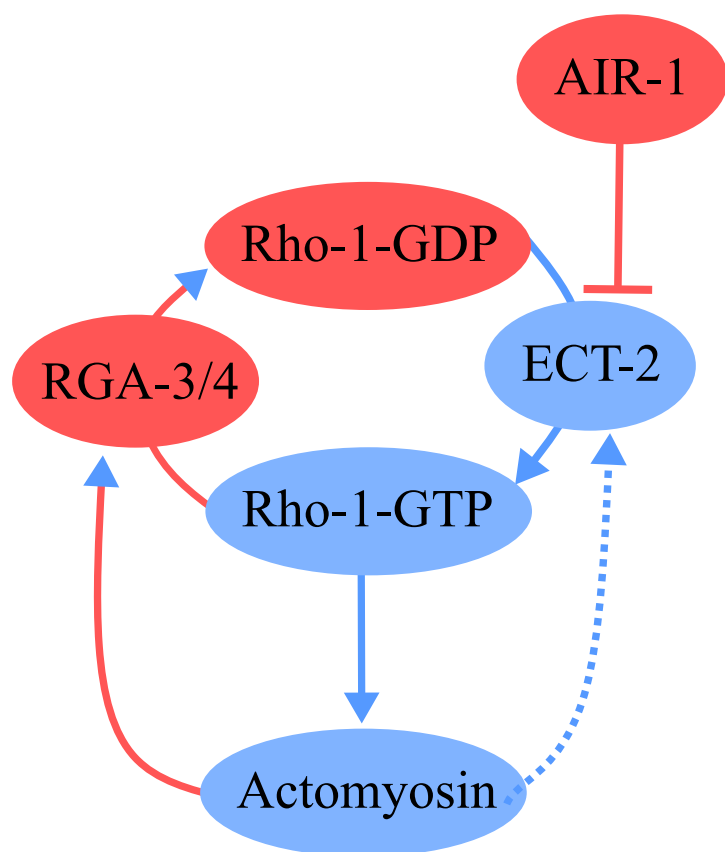
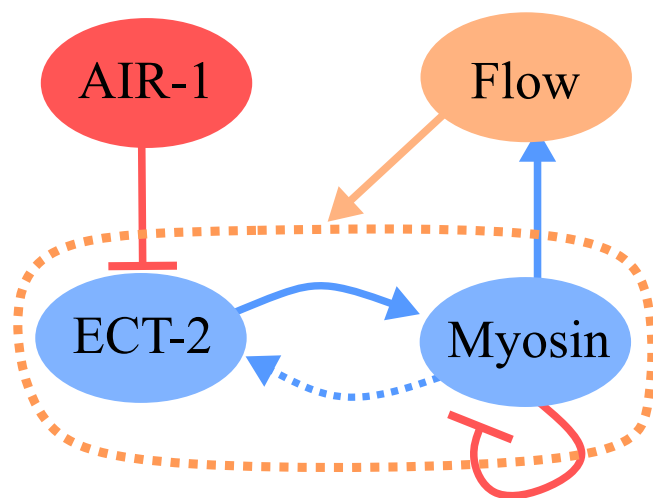


(a) Cortex model

Known Biochemistry

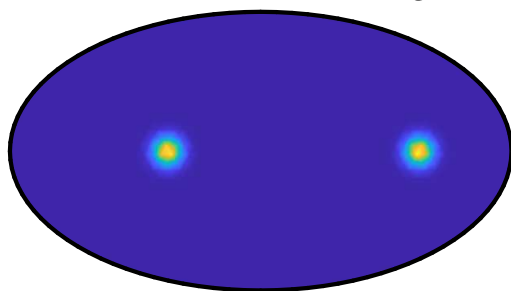


Simplified model

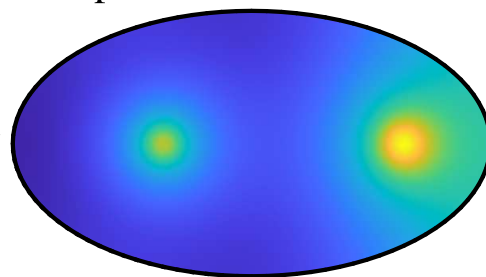


(b) Coupled AIR-1 model

Centrosomal AIR-1 signal

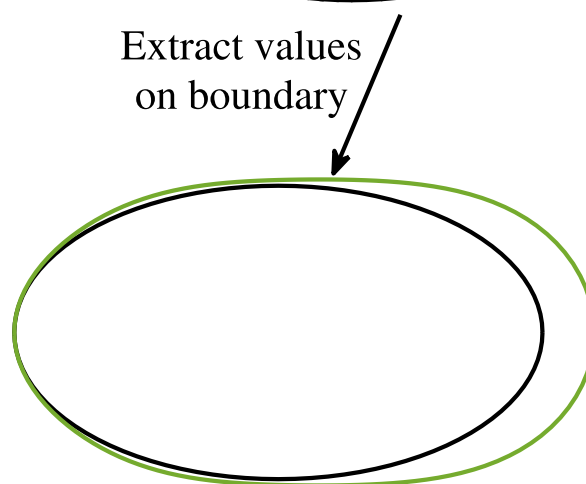


AIR-1 profile on cross section

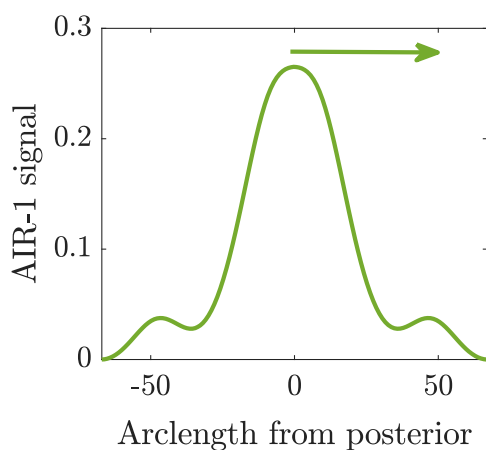


Solve 2D
diffusion eqn

Extract values
on boundary



AIR-1 profile on perimeter



Flatten