

## Results from 1D random walk

Experiment run on 10/6/2010 at 15.06

### Parameters

Number of moves in each walk	33
Number of walks	200
Probability of moving right	0.4
Probability of moving left	0.4

### Theoretical Values

expected distance travelled in 33 moves	0.00
expected mean square distance for 33 moves	26.40

### Measured Values

average distance travelled in 33 moves	-0.04
average square distance for 33 moves	23.46

### Visualisation of results

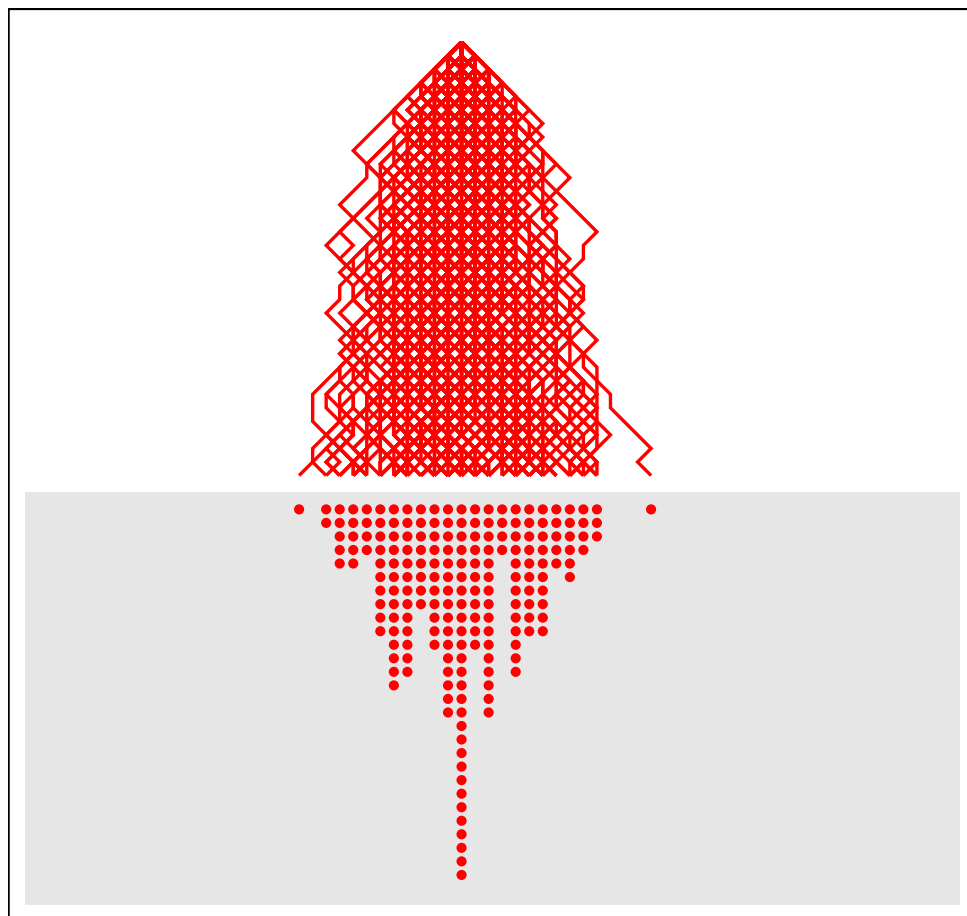


Figure 1: Upper panel shows cell pathways with vertical position representing timestep. Lower panel shows the distribution of final (horizontal) cell positions.