

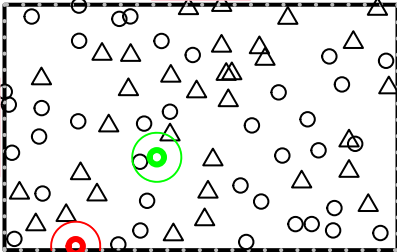
**Iteration 0**  
**shift proposal**  
**Hastings ratio =  $6832 / 14550 = 0.4697$**

- Next Iteration
- Skip 10
- Skip 100
- Skip 1000
- Skip 10,000
- Skip 100,000
- Next Birth
- Next Death
- Next Shift
- Exit Debugger

Reject Accept

Up

Left Right



Down

Zoom In Zoom Out

At Proposal

Reset

Dump to file Print Info

**Iteration 0**  
**shift proposal**  
**Hastings ratio =  $6832 / 14550 = 0.4697$**

- Next Iteration
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- Skip 1000
- Skip 10,000
- Skip 100,000
- Next Birth
- Next Death
- Next Shift
- Exit Debugger

Reject Accept

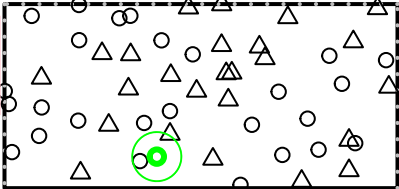
Up Zoom In

Left Zoom Out

Right At Proposal

Down Reset

Dump to file Print Info

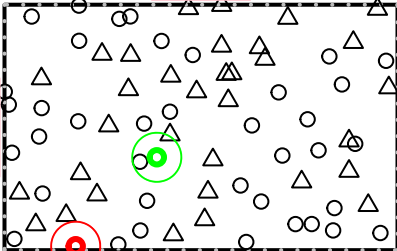


**Iteration 0  
shift proposal  
Hastings ratio =  $6832 / 14550 = 0.4697$**

- Next Iteration
- Skip 10
- Skip 100
- Skip 1000
- Skip 10,000
- Skip 100,000
- Next Birth
- Next Death
- Next Shift
- Exit Debugger

Reject Accept

Up

Left  Right

Zoom In

Zoom Out

At Proposal

Down

Reset

Dump to file Print Info

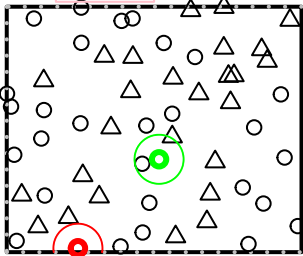
**Iteration 0  
shift proposal  
Hastings ratio =  $6832 / 14550 = 0.4697$**

- Next Iteration
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- Skip 100
- Skip 1000
- Skip 10,000
- Skip 100,000
- Next Birth
- Next Death
- Next Shift
- Exit Debugger

Reject Accept

Up

Left Right



Down

Zoom In

Zoom Out

At Proposal

Reset

Dump to file Print Info

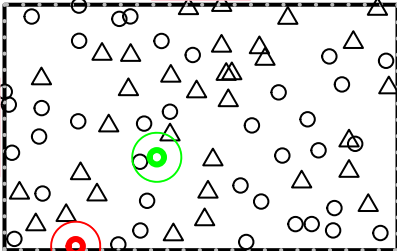
**Iteration 0**  
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**Hastings ratio =  $6832 / 14550 = 0.4697$**

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- Skip 10,000
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Reject Accept

Up

Left Right



Down

Zoom In Zoom Out

At Proposal

Reset

Dump to file Print Info

**Iteration 0  
shift proposal  
Hastings ratio =  $6832 / 14550 = 0.4697$**

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- Skip 1000
- Skip 10,000
- Skip 100,000
- Next Birth
- Next Death
- Next Shift
- Exit Debugger

Reject Accept

Up

Zoom In

Zoom Out

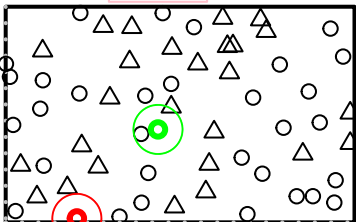
Left Right

At Proposal

Down

Reset

Dump to file Print Info



**Iteration 0**  
**shift proposal**  
**Hastings ratio = 6832 / 14550 = 0.4697**

- Next Iteration
- Skip 10
- Skip 100
- Skip 1000
- Skip 10,000
- Skip 100,000
- Next Birth
- Next Death
- Next Shift
- Exit Debugger

Reject

Accept

Up

Zoom In

Zoom Out

Left

Right

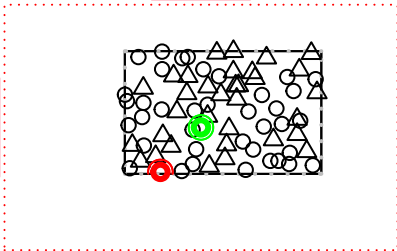
At Proposal

Down

Reset

Dump to file

Print Info



The central visualization shows a square grid of particles, represented by circles and triangles. A green circle and a red circle are highlighted within the grid. A dashed red rectangle encloses the central portion of the grid. The 'Accept' button is highlighted in green.

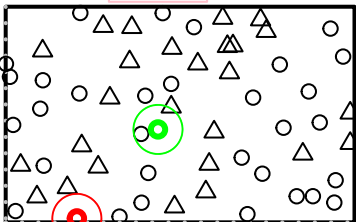
**Iteration 0**  
**shift proposal**  
**Hastings ratio =  $6832 / 14550 = 0.4697$**

- Next Iteration
- Skip 10
- Skip 100
- Skip 1000
- Skip 10,000
- Skip 100,000
- Next Birth
- Next Death
- Next Shift
- Exit Debugger

Reject Accept

Up

Left Right



Down

Zoom In Zoom Out

At Proposal Reset

Dump to file Print Info

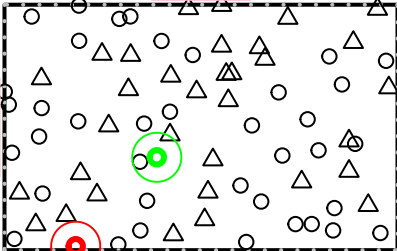


**Iteration 0  
shift proposal  
Hastings ratio =  $6832 / 14550 = 0.4697$**

- Next Iteration
- Skip 10
- Skip 100
- Skip 1000
- Skip 10,000
- Skip 100,000
- Next Birth
- Next Death
- Next Shift
- Exit Debugger

Reject Accept

Up

Left  Right

Zoom In

Zoom Out

At Proposal

Down

Reset

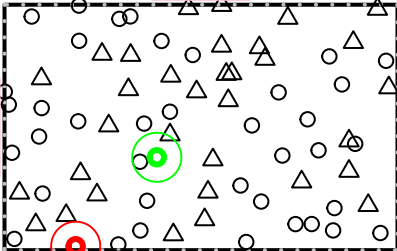
Dump to file Print Info

**Iteration 0**  
**shift proposal**  
**Hastings ratio = 6832 / 14550 = 0.4697**

- Next Iteration
- Skip 10
- Skip 100
- Skip 1000
- Skip 10,000
- Skip 100,000
- Next Birth
- Next Death
- Next Shift
- Exit Debugger

Reject Accept

Up

Left  Right

Down

Zoom In

Zoom Out

At Proposal

Reset

Dump to file Print Info

**Iteration 0**  
**shift proposal**  
**Hastings ratio =  $6832 / 14550 = 0.4697$**

- Next Iteration
- Skip 10
- Skip 100
- Skip 1000
- Skip 10,000
- Skip 100,000
- Next Birth
- Next Death
- Next Shift
- Exit Debugger

Reject

Accept

Up

Zoom In

Zoom Out

Left

Right

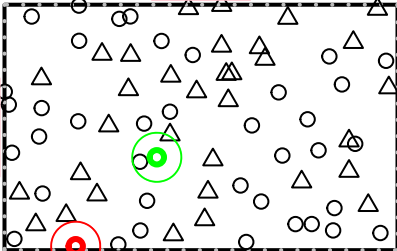
At Proposal

Down

Reset

Dump to file

Print Info



**Iteration 0**  
**shift proposal**  
**Hastings ratio =  $6832 / 14550 = 0.4697$**

- Next Iteration
- Skip 10
- Skip 100
- Skip 1000
- Skip 10,000
- Skip 100,000
- Next Birth
- Next Death
- Next Shift
- Exit Debugger

Reject

Accept

Up

Zoom In

Zoom Out

Left

Right

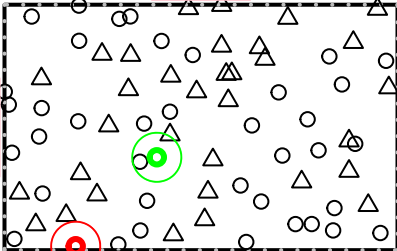
At Proposal

Down

Reset

Dump to file

Print Info





**Iteration 1**  
**death proposal**  
**Hastings ratio =  $8 / 14580 = 0.0005486$**

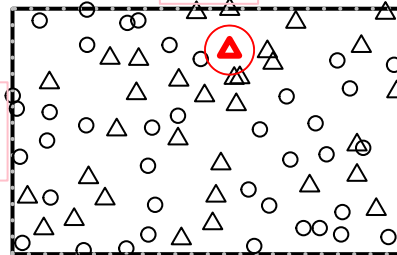
- Next Iteration
- Skip 10
- Skip 100
- Skip 1000
- Skip 10,000
- Skip 100,000
- Next Birth
- Next Death
- Next Shift
- Exit Debugger

Reject

Accept

Up

Zoom In



Left

Zoom Out

Right

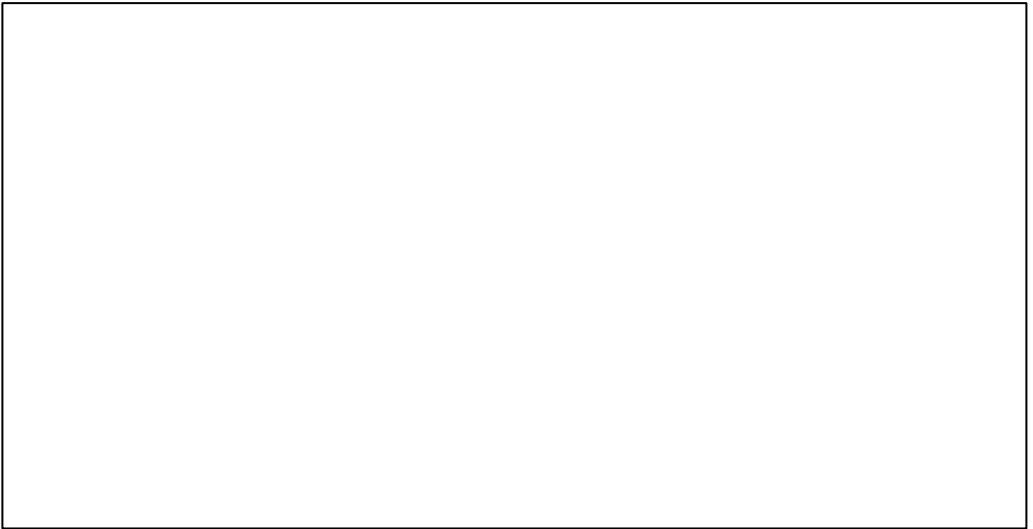
At Proposal

Down

Reset

Dump to file

Print Info



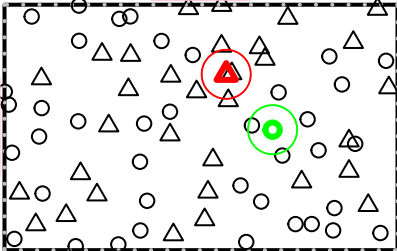
**Iteration 2  
shift proposal  
Hastings ratio =  $6832 / 6849 = 0.9974$**

- Next Iteration
- Skip 10
- Skip 100
- Skip 1000
- Skip 10,000
- Skip 100,000
- Next Birth
- Next Death
- Next Shift
- Exit Debugger

Reject Accept

Up

Left Right



Down

Zoom In Zoom Out

At Proposal

Reset

Dump to file Print Info





**Iteration 10  
death proposal  
Hastings ratio =  $8 / 14580 = 0.0005486$**

- Next Iteration
- Skip 10
- Skip 100
- Skip 1000
- Skip 10,000
- Skip 100,000
- Next Birth
- Next Death
- Next Shift
- Exit Debugger

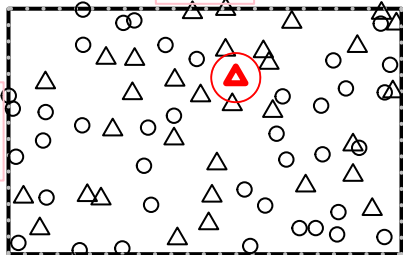
Reject

Accept

Up

Zoom In

Left



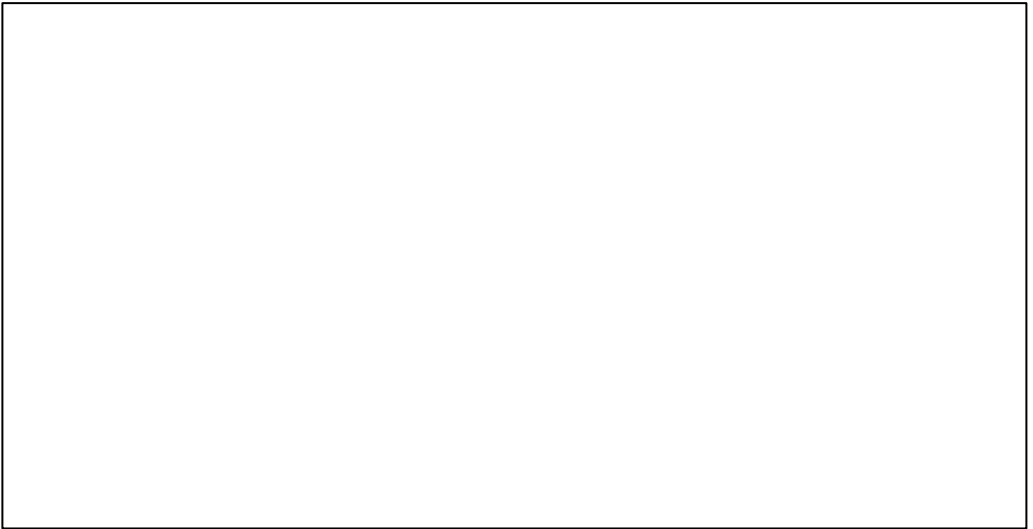
Zoom Out

At Proposal

Reset

Dump to file

Print Info

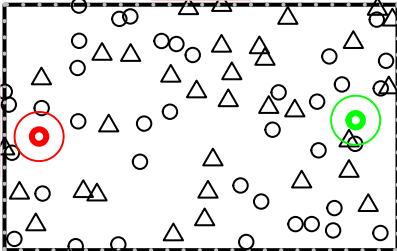


**Iteration 20**  
**shift proposal**  
**Hastings ratio = 3209 / 14550 = 0.2206**

- Next Iteration
- Skip 10
- Skip 100
- Skip 1000
- Skip 10,000
- Skip 100,000
- Next Birth
- Next Death
- Next Shift
- Exit Debugger

Reject Accept

Up

Left  Right

Down

Zoom In

Zoom Out

At Proposal

Reset

Dump to file Print Info



**Iteration 120**  
**shift proposal**  
**Hastings ratio = 1511 / 14550 = 0.1039**

- Next Iteration
- Skip 10
- Skip 100
- Skip 1000
- Skip 10,000
- Skip 100,000
- Next Birth
- Next Death
- Next Shift
- Exit Debugger

Reject      Accept

Up

Zoom In

Zoom Out

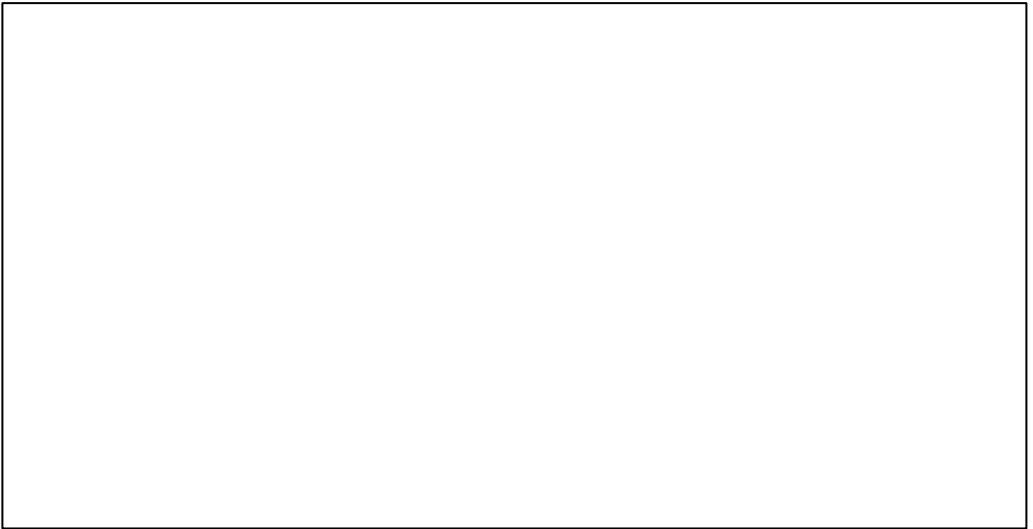
At Proposal

Reset

Left      Right

Down

Dump to file      Print Info



**Iteration 1120**  
**shift proposal**  
**Hastings ratio = 6832 / 6832 = 1**

- Next Iteration
- Skip 10
- Skip 100
- Skip 1000
- Skip 10,000
- Skip 100,000
- Next Birth
- Next Death
- Next Shift
- Exit Debugger

Reject Accept

Up

Left Right

Down

Zoom In

Zoom Out

At Proposal

Reset

Dump to file Print Info





**Iteration 11120**  
**shift proposal**  
**Hastings ratio = 3209 / 14580 = 0.22**

- Next Iteration
- Skip 10
- Skip 100
- Skip 1000
- Skip 10,000
- Skip 100,000
- Next Birth
- Next Death
- Next Shift
- Exit Debugger

Reject

Accept

Up

Zoom In

Zoom Out

At Proposal

Reset

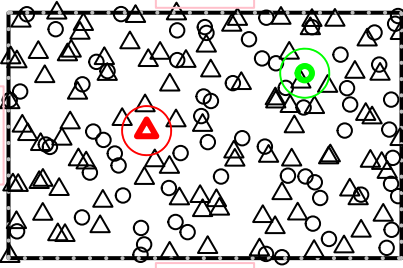
Left

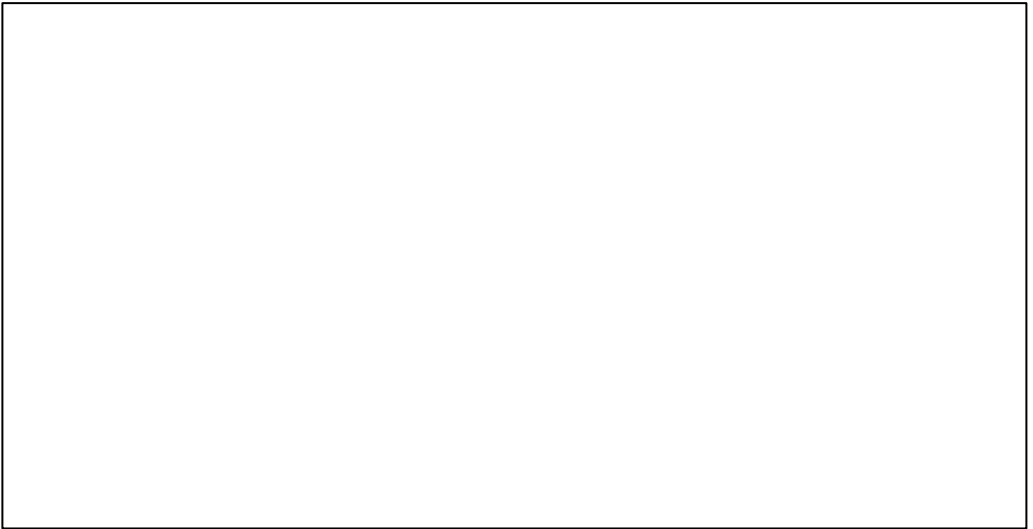
Right

Down

Dump to file

Print Info






**Iteration 111120**  
**shift proposal**  
**Hastings ratio = 3209 / 3209 = 1**

- Next Iteration
- Skip 10
- Skip 100
- Skip 1000
- Skip 10,000
- Skip 100,000
- Next Birth
- Next Death
- Next Shift
- Exit Debugger

Reject Accept

Up

Left  Right

Down

Zoom In

Zoom Out

At Proposal

Reset

Dump to file Print Info

