"C:\Program Files\Java\jdk1.8.0\_131\bin\java" "-javaagent:C:\Program Files\JetBrains\IntelliJ IDEA 2017.3.3\lib\idea\_rt.jar=58227:C:\Program Files\JetBrains\IntelliJ IDEA 2017.3.3\bin" -Dfile.encoding=UTF-8 -classpath "C:\Program Files\Java\jdk1.8.0\_131\jre\lib\charsets.jar;C:\Program Files\Java\jdk1.8.0\_131\jre\lib\deploy.jar;C:\Program Files\Java\jdk1.8.0\_131\jre\lib\ext\access-bridge-64.jar;C:\Program Files\Java\jdk1.8.0\_131\jre\lib\ext\cldrdata.jar;C:\Program Files\Java\jdk1.8.0\_131\jre\lib\ext\dnsns.jar;C:\Program Files\Java\jdk1.8.0\_131\jre\lib\ext\jaccess.jar;C:\Program Files\Java\jdk1.8.0\_131\jre\lib\ext\jfxrt.jar;C:\Program Files\Java\jdk1.8.0\_131\jre\lib\ext\localedata.jar;C:\Program Files\Java\jdk1.8.0\_131\jre\lib\ext\nashorn.jar;C:\Program Files\Java\jdk1.8.0\_131\jre\lib\ext\sunec.jar;C:\Program Files\Java\jdk1.8.0\_131\jre\lib\ext\sunjce\_provider.jar;C:\Program Files\Java\jdk1.8.0\_131\jre\lib\ext\sunmscapi.jar;C:\Program Files\Java\jdk1.8.0\_131\jre\lib\ext\sunpkcs11.jar;C:\Program Files\Java\jdk1.8.0\_131\jre\lib\ext\zipfs.jar;C:\Program Files\Java\jdk1.8.0\_131\jre\lib\javaws.jar;C:\Program Files\Java\jdk1.8.0\_131\jre\lib\jce.jar;C:\Program Files\Java\jdk1.8.0\_131\jre\lib\jfr.jar;C:\Program Files\Java\jdk1.8.0\_131\jre\lib\jfxswt.jar;C:\Program Files\Java\jdk1.8.0\_131\jre\lib\jsse.jar;C:\Program Files\Java\jdk1.8.0\_131\jre\lib\management-agent.jar;C:\Program Files\Java\jdk1.8.0\_131\jre\lib\plugin.jar;C:\Program Files\Java\jdk1.8.0\_131\jre\lib\resources.jar;C:\Program Files\Java\jdk1.8.0\_131\jre\lib\rt.jar;D:\Algo\Project\Genetic\_Algorithm\out\production\Genetic\_Algorithm;C:\Program Files\JetBrains\IntelliJ IDEA 2017.3.3\lib\junit-4.12.jar;C:\Program Files\JetBrains\IntelliJ IDEA 2017.3.3\lib\hamcrest-core-1.3.jar" com.anish.RobotDriver

Generation --> 0

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

01|10|01|10|00|10|10|00|01|00|01|10|11|01|11|00| 0.0

10|01|00|10|00|00|00|01|10|10|01|01|00|00|00|01| 0.0

10|10|00|00|10|01|01|10|01|10|11|01|00|00|01|10| 0.0

00|11|11|00|10|01|00|11|11|00|00|11|10|10|00|00| 0.0

11|10|00|01|10|11|11|00|10|00|10|11|10|01|10|01| 0.0

10|11|00|10|11|11|11|00|10|10|10|00|10|10|11|00| 0.0

11|01|01|11|10|01|00|01|11|01|01|00|10|00|01|11| 0.0

10|01|00|11|00|11|01|00|10|11|10|11|00|10|00|10| 0.0

01|11|00|00|01|11|11|01|10|01|11|00|00|01|11|01| 0.0

10|01|00|11|01|10|01|11|01|11|10|00|11|11|11|00| 0.0

Generation --> 1

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

01|10|01|10|00|10|10|00|01|00|01|10|11|01|11|00| 0.0

10|01|00|00|00|10|10|00|01|00|01|10|11|01|11|00| 0.0

10|10|00|00|10|01|01|10|01|10|11|00|11|11|11|00| 0.0

00|11|11|00|00|01|00|01|11|00|00|11|10|10|00|00| 0.0

11|10|00|01|10|11|00|01|11|01|01|00|10|00|11|11| 0.0

10|11|00|10|01|11|11|01|10|01|11|10|00|01|11|01| 0.0

11|01|01|11|11|01|00|01|11|01|01|00|10|10|11|10| 0.0

10|01|00|11|00|11|01|00|10|11|10|11|00|10|10|10| 0.0

01|11|00|01|01|11|11|01|11|00|00|11|10|10|01|00| 0.0

10|01|00|11|01|10|01|01|00|10|01|00|00|00|00|01| 0.0

Generation --> 2

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

01|10|01|10|00|10|10|00|01|00|01|10|11|01|11|00| 0.0

10|01|00|00|00|10|10|00|01|00|01|10|10|00|01|00| 0.0

00|10|00|01|10|01|00|10|01|10|11|00|01|11|11|00| 0.0

00|11|11|00|00|01|00|00|01|00|01|10|11|01|11|00| 0.0

11|10|00|01|10|11|00|01|11|01|01|00|10|00|11|11| 0.0

10|11|00|10|01|11|11|01|00|10|01|00|00|00|00|01| 0.0

11|01|01|11|11|01|00|01|01|01|01|00|10|00|11|11| 0.0

10|01|00|11|00|10|01|00|10|11|10|11|10|10|00|01| 0.0

01|11|00|01|01|11|11|01|11|00|00|11|10|10|00|00| 0.0

00|01|00|11|01|10|10|01|00|11|01|10|11|01|11|00| 0.0

Generation --> 3

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

01|10|01|10|00|10|10|00|01|00|01|10|11|01|11|00| 0.0

10|01|00|00|00|10|10|00|01|00|01|10|10|00|11|11| 0.0

00|10|00|01|10|01|00|00|01|00|01|10|10|00|01|00| 0.0

00|11|11|00|00|01|00|00|01|00|01|10|11|01|11|00| 0.0

11|10|00|01|10|11|00|01|00|11|01|11|11|01|11|00| 0.0

10|11|00|10|01|01|11|01|00|10|01|00|00|00|10|01| 0.0

11|01|01|11|11|01|00|01|01|01|01|00|10|00|01|11| 0.0

10|00|00|11|00|01|00|00|01|00|00|10|11|11|10|00| 0.0

01|11|00|01|01|11|11|01|11|01|01|00|10|00|11|11| 0.0

00|01|00|11|01|10|10|01|00|11|00|10|01|11|10|00| 0.0

Generation --> 4

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

01|10|01|10|00|10|10|00|01|00|01|10|11|01|11|00| 0.0

10|01|10|00|00|10|10|00|01|00|01|01|00|01|10|01| 0.0

00|10|00|01|10|00|00|00|01|00|01|10|10|00|01|00| 0.0

01|10|00|01|10|11|00|01|00|11|00|11|11|01|01|00| 0.0

11|10|00|01|10|11|00|01|00|11|01|10|11|01|11|00| 0.0

10|11|01|10|00|10|10|00|01|00|01|10|11|01|11|01| 0.0

11|01|01|11|11|01|00|01|01|01|01|00|10|00|01|10| 0.0

10|01|00|11|00|01|00|00|01|00|00|00|10|00|11|11| 0.0

01|11|00|01|01|11|11|01|11|01|01|00|10|00|11|11| 0.0

00|00|00|01|10|01|01|00|01|00|01|10|10|00|01|00| 0.0

Generation --> 5

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

01|10|01|10|00|10|10|00|01|00|01|10|11|01|11|00| 0.0

10|01|10|00|00|10|11|00|01|00|01|01|10|01|10|01| 0.0

00|10|00|01|10|00|10|00|01|10|01|10|11|01|11|01| 0.0

01|10|00|01|10|01|00|00|01|10|00|00|00|00|11|11| 0.0

01|10|00|01|10|11|11|01|11|01|01|00|10|10|11|11| 0.0

10|11|01|10|00|10|11|00|01|10|01|10|11|01|01|01| 0.0

11|01|01|11|11|01|00|01|01|01|01|00|10|00|11|11| 0.0

10|01|00|01|00|01|00|00|01|00|01|10|11|01|11|00| 0.0

01|11|00|01|00|11|10|01|01|01|01|10|10|00|01|00| 0.0

00|00|00|01|11|01|10|00|00|00|01|10|10|01|11|00| 0.0

Generation --> 6

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

01|10|01|10|00|10|10|00|01|00|01|10|11|01|11|00| 0.0

10|11|10|00|00|10|11|00|01|00|01|00|10|01|11|01| 0.0

00|10|00|11|11|01|00|01|01|01|01|00|10|00|11|11| 0.0

11|10|00|01|10|11|00|00|01|10|01|10|01|01|01|01| 0.0

01|10|00|01|10|11|11|01|11|00|01|10|11|01|01|01| 0.0

10|11|01|10|00|10|01|00|01|10|00|00|00|00|11|11| 0.0

11|10|00|01|10|11|11|01|11|01|01|00|10|10|11|11| 0.0

10|01|00|01|00|01|00|00|01|00|01|10|11|01|11|00| 0.0

01|11|10|01|10|00|11|00|01|10|01|10|11|01|11|01| 0.0

00|00|00|01|11|01|10|00|01|00|01|11|11|01|11|00| 0.0

Generation --> 7

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

01|10|01|10|00|10|10|00|01|00|01|10|11|01|11|00| 0.0

10|11|10|00|00|10|11|00|01|10|01|00|01|01|01|01| 0.0

00|10|00|10|11|01|00|01|01|01|01|01|10|00|11|11| 0.0

11|00|00|01|10|11|00|00|01|10|01|10|01|01|01|01| 0.0

01|11|00|01|10|11|11|01|11|00|01|11|11|01|11|00| 0.0

10|11|01|11|10|11|00|00|01|10|01|10|01|01|01|01| 0.0

11|10|00|01|10|11|11|01|11|01|00|00|00|00|01|01| 0.0

10|01|00|01|00|01|00|00|01|00|01|10|11|01|01|01| 0.0

01|11|10|01|10|00|11|00|00|10|11|10|11|01|11|00| 0.0

01|01|01|01|11|01|10|00|01|00|11|11|11|01|11|00| 0.0

Generation --> 8

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

11|00|00|01|10|11|00|00|01|10|01|10|01|11|01|01| 1.0

01|10|01|10|00|10|10|00|01|00|01|10|11|01|11|00| 0.0

10|11|10|00|00|10|11|00|01|01|00|00|00|00|01|01| 0.0

00|10|00|10|11|01|00|01|01|01|01|01|01|01|01|00| 0.0

01|11|00|01|10|11|11|01|11|00|01|11|11|01|11|00| 0.0

10|11|01|11|10|11|00|00|01|10|01|10|01|01|01|01| 0.0

11|10|00|01|10|11|10|11|01|10|01|10|01|01|01|01| 0.0

10|00|00|01|00|01|00|00|01|10|01|00|01|01|01|01| 0.0

01|11|10|01|10|00|11|00|01|01|01|01|10|10|11|11| 0.0

01|01|01|01|11|01|10|00|01|00|11|10|11|01|11|00| 0.0

Generation --> 9

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

00|10|00|10|11|01|00|01|01|01|01|01|01|11|01|01| 2.0

11|00|10|01|10|11|00|00|01|10|01|10|01|11|01|01| 1.0

01|11|10|01|10|10|00|00|01|10|01|10|01|11|01|01| 1.0

01|10|01|10|00|10|10|10|01|00|01|10|11|01|11|00| 0.0

10|11|10|00|00|10|11|00|01|01|00|00|00|01|01|00| 0.0

01|11|10|11|10|11|10|11|11|10|01|10|01|01|01|01| 0.0

10|11|11|11|10|01|00|00|11|11|01|10|01|01|01|00| 0.0

11|10|00|01|10|11|10|11|01|10|01|10|01|01|01|01| 0.0

10|00|01|01|01|01|10|00|01|00|11|10|11|01|11|00| 0.0

00|01|01|01|11|01|10|00|01|00|10|10|11|01|11|00| 0.0

Generation --> 10

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

00|10|00|10|11|01|00|01|01|01|01|01|01|11|01|01| 2.0

00|00|00|10|11|01|00|01|01|01|01|01|01|11|01|01| 2.0

01|10|10|01|10|00|00|00|01|00|01|10|01|11|01|01| 1.0

00|11|00|00|00|10|11|00|00|01|01|01|01|11|01|01| 1.0

01|11|10|11|10|10|00|00|01|10|01|10|01|11|01|01| 1.0

00|01|01|01|11|01|10|00|01|00|01|10|01|11|11|01| 0.0

01|10|01|00|00|11|10|10|01|00|01|10|11|01|11|01| 0.0

10|01|11|11|10|00|00|00|01|10|01|10|01|01|11|00| 0.0

10|10|00|01|10|01|10|11|01|10|01|10|01|01|01|01| 0.0

10|00|00|01|01|01|10|01|01|10|01|10|01|01|01|01| 0.0

Generation --> 11

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

00|10|00|10|11|01|00|01|01|01|01|01|01|11|01|01| 2.0

00|00|00|10|10|00|00|00|01|00|01|10|01|11|01|01| 2.0

00|10|00|10|11|01|00|11|01|01|01|01|01|11|01|01| 2.0

01|10|10|01|10|00|00|00|01|00|01|10|01|11|01|01| 1.0

00|11|10|00|00|00|00|00|01|00|01|10|01|11|01|01| 1.0

01|11|10|11|10|10|00|00|01|10|01|10|01|11|01|01| 1.0

10|10|00|11|11|10|11|00|00|01|11|01|01|11|01|01| 1.0

10|00|00|00|01|00|00|01|01|10|01|10|01|11|01|11| 1.0

00|01|01|01|11|01|10|00|01|00|01|10|01|11|11|01| 0.0

10|01|11|11|10|00|00|00|01|10|01|10|01|01|11|01| 0.0

Generation --> 12

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

00|10|00|10|11|01|00|01|01|01|01|01|01|11|01|01| 2.0

10|00|00|10|11|01|00|01|01|01|01|01|01|11|01|01| 2.0

00|10|00|10|11|01|00|11|00|01|01|01|01|11|01|01| 2.0

01|10|10|01|10|00|00|00|01|00|01|10|00|11|01|01| 1.0

11|11|10|11|10|10|00|00|01|10|01|10|01|11|01|01| 1.0

10|10|00|11|11|10|11|00|10|11|01|01|01|11|01|01| 1.0

10|00|00|00|01|00|00|00|01|00|01|10|01|11|01|01| 1.0

00|00|01|01|11|01|10|00|01|00|00|10|01|11|01|01| 1.0

00|11|00|00|00|00|00|00|01|01|01|01|01|11|00|01| 0.0

10|01|11|11|10|00|00|00|01|10|01|10|01|01|01|01| 0.0

Generation --> 13

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

00|10|00|10|11|01|00|01|01|01|01|01|01|11|01|01| 2.0

10|00|01|10|11|01|00|11|00|01|01|01|01|11|01|01| 2.0

00|10|00|10|11|11|00|11|00|01|01|01|01|11|01|01| 2.0

01|10|10|10|11|00|00|01|11|01|01|01|01|11|01|00| 2.0

10|10|00|10|11|01|10|01|01|01|01|01|01|11|01|01| 2.0

11|01|10|11|11|00|10|00|01|00|00|10|00|11|01|01| 1.0

10|00|00|00|01|01|10|00|01|00|10|10|01|11|01|01| 1.0

00|11|00|00|01|10|11|00|10|11|01|01|00|11|01|11| 1.0

10|01|11|11|10|00|00|00|01|10|01|10|01|11|01|01| 1.0

10|00|01|01|11|01|00|01|01|01|01|01|01|10|01|01| 0.0

Generation --> 14

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

00|10|00|10|11|01|00|01|01|01|01|01|01|11|01|01| 2.0

10|00|01|10|11|01|00|01|00|01|01|01|01|11|01|01| 2.0

10|10|00|10|11|01|10|11|01|01|01|01|01|11|01|01| 2.0

10|01|10|10|11|00|00|01|11|01|01|01|01|11|01|00| 2.0

01|11|10|10|11|00|00|01|11|01|00|01|01|11|01|00| 1.0

00|10|00|10|11|11|00|11|00|00|10|10|01|11|01|01| 1.0

01|11|00|00|01|10|11|00|01|01|01|00|01|11|01|01| 1.0

10|00|00|00|00|01|10|01|00|01|01|01|01|01|01|01| 0.0

10|01|01|11|11|11|00|11|00|01|01|01|11|01|01|01| 0.0

10|00|01|01|11|01|01|01|01|01|01|01|01|10|01|01| 0.0

Generation --> 15

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

00|10|00|10|11|01|00|01|01|01|01|01|01|11|01|01| 2.0

10|00|00|10|11|01|00|01|11|01|01|01|01|11|01|01| 2.0

01|11|10|10|11|00|00|11|10|01|01|01|01|11|01|00| 2.0

10|10|00|10|11|01|11|11|00|01|11|01|01|11|01|00| 1.0

10|01|00|00|01|00|11|01|01|01|01|00|01|11|01|01| 1.0

10|01|10|10|11|01|00|01|11|01|01|01|01|11|00|00| 0.0

00|10|00|10|11|01|00|01|01|00|01|01|01|10|01|01| 0.0

00|11|00|01|01|10|11|00|01|01|01|00|01|11|00|01| 0.0

11|01|01|11|11|11|00|11|00|01|01|01|01|11|00|00| 0.0

10|00|00|10|00|01|10|01|00|00|01|01|01|01|01|00| 0.0

Generation --> 16

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

00|10|00|10|11|01|00|01|01|01|01|01|01|11|01|01| 2.0

10|00|10|10|10|01|00|01|11|01|01|00|01|11|01|00| 2.0

10|01|10|10|11|01|00|01|11|01|01|00|01|11|01|00| 2.0

01|11|10|10|11|00|00|11|10|01|11|11|01|11|01|00| 1.0

10|01|00|00|01|00|11|01|01|01|01|01|01|11|01|10| 1.0

00|11|00|01|01|10|11|01|11|01|01|01|01|11|01|01| 1.0

10|10|00|10|11|01|00|01|01|01|01|01|01|11|11|01| 0.0

00|10|00|10|11|01|00|00|01|01|01|01|01|10|01|01| 0.0

01|01|00|11|11|11|00|11|00|01|01|01|01|11|00|01| 0.0

11|10|00|10|00|01|10|01|00|00|01|01|00|01|01|00| 0.0

Generation --> 17

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

00|10|00|10|11|01|00|01|01|01|01|01|01|11|01|01| 2.0

11|10|00|10|11|01|00|01|00|01|01|01|01|11|01|01| 2.0

00|01|10|10|11|01|10|01|11|01|01|00|00|11|01|00| 2.0

01|11|10|10|11|00|00|11|10|01|01|00|11|11|01|00| 2.0

10|10|00|10|11|01|00|00|11|01|01|00|01|11|01|00| 2.0

00|10|00|10|11|01|00|01|11|01|01|01|01|11|01|00| 2.0

10|01|00|00|01|01|00|01|01|01|01|01|01|11|01|01| 1.0

00|10|00|01|11|01|00|01|01|01|01|01|01|11|01|01| 1.0

01|01|00|11|11|11|00|11|01|01|01|01|01|11|01|01| 1.0

11|10|00|10|00|01|10|01|00|00|01|01|00|01|01|00| 0.0

Generation --> 18

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

00|10|00|10|11|01|00|01|01|01|01|01|01|11|01|01| 2.0

11|10|00|10|10|01|10|01|11|01|01|00|00|11|01|00| 2.0

10|10|00|10|11|01|00|01|01|01|01|01|01|11|01|01| 2.0

10|01|00|00|01|01|00|01|01|01|01|11|00|11|01|00| 1.0

00|10|00|01|11|01|00|01|11|11|01|00|00|11|01|00| 1.0

01|01|00|11|11|11|00|11|01|01|00|01|01|11|01|00| 1.0

10|01|10|10|11|01|11|01|11|01|01|00|00|10|01|00| 0.0

01|11|10|10|11|00|00|11|10|01|01|01|01|01|01|01| 0.0

00|10|00|00|11|01|00|00|11|01|01|10|01|11|11|00| 0.0

11|10|00|10|00|01|10|01|00|00|01|01|00|01|01|01| 0.0

Generation --> 19

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

00|10|00|10|11|01|01|01|01|01|01|01|01|11|01|01| 3.0

00|10|00|10|11|01|00|01|01|01|01|01|01|11|01|01| 2.0

10|10|00|10|11|11|10|01|01|01|01|01|01|11|01|00| 2.0

01|01|00|11|01|11|00|11|01|01|01|01|11|11|01|01| 2.0

11|10|00|11|00|01|10|01|01|01|11|00|00|11|01|00| 1.0

10|01|00|00|01|01|00|01|01|01|01|11|00|11|01|01| 1.0

00|10|00|01|10|01|00|01|11|01|01|01|01|11|01|01| 1.0

00|10|00|00|11|01|00|01|01|01|01|00|00|11|11|01| 0.0

10|01|10|00|11|01|11|01|11|01|01|00|00|10|01|00| 0.0

01|11|10|10|11|00|00|11|10|01|01|11|01|01|01|01| 0.0

Generation --> 20

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

00|10|00|10|11|01|01|01|01|01|01|01|01|11|01|01| 3.0

00|10|00|10|11|01|01|01|01|01|01|01|01|11|01|01| 3.0

01|10|00|10|11|01|00|11|11|01|01|00|11|11|01|01| 2.0

10|10|00|10|11|01|01|01|01|01|11|01|01|11|01|01| 1.0

10|01|00|10|11|01|11|01|01|01|00|01|01|11|01|01| 1.0

01|11|10|10|11|01|00|00|11|01|11|01|11|11|01|01| 1.0

11|10|00|11|10|01|10|01|01|01|11|00|00|11|01|01| 1.0

00|10|01|01|10|01|00|01|11|11|01|01|01|11|01|01| 1.0

11|01|00|11|11|11|00|11|00|01|01|01|01|10|01|01| 0.0

10|01|10|00|11|01|11|01|11|01|01|00|10|10|01|00| 0.0

Generation --> 21

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

00|10|00|10|11|01|01|01|01|01|01|01|01|11|01|01| 3.0

00|10|00|10|10|01|01|01|01|00|01|01|01|11|01|01| 3.0

10|10|00|10|11|01|01|00|01|01|01|01|01|11|01|01| 3.0

10|01|00|10|11|01|01|01|01|01|01|01|01|11|01|00| 3.0

01|11|10|10|11|01|00|00|01|01|11|11|11|11|01|01| 1.0

11|10|00|11|10|01|10|01|01|01|11|00|00|11|01|01| 1.0

00|10|01|00|10|01|00|01|11|11|01|11|00|11|01|01| 1.0

11|01|00|11|11|11|00|11|00|01|01|01|01|11|01|01| 1.0

01|10|00|11|11|01|01|01|01|01|01|01|01|11|11|01| 0.0

10|01|10|00|11|01|11|01|11|01|01|00|10|10|01|00| 0.0

Generation --> 22

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

00|10|00|10|11|01|01|01|01|01|01|01|01|11|01|01| 3.0

10|10|00|10|11|01|01|00|11|01|01|01|01|11|01|01| 3.0

00|01|00|10|11|01|01|01|01|01|01|01|01|11|01|01| 3.0

10|10|00|10|10|01|01|01|01|01|01|01|01|11|01|01| 3.0

00|01|00|11|11|11|00|11|01|01|01|01|01|11|01|11| 1.0

00|10|01|01|10|00|00|01|01|01|01|01|01|11|01|01| 1.0

11|01|00|01|11|01|01|01|01|01|01|00|01|11|01|00| 1.0

01|10|00|11|11|01|01|01|01|01|01|01|01|11|01|01| 1.0

00|11|10|10|11|01|00|00|01|01|11|10|01|10|01|01| 0.0

11|10|00|11|00|01|10|01|01|01|01|01|01|01|01|01| 0.0

Generation --> 23

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

00|10|00|10|11|01|01|01|01|01|01|01|01|11|01|01| 3.0

00|10|00|10|11|01|01|01|01|01|01|01|01|11|01|01| 3.0

00|01|00|10|11|01|01|01|01|01|01|01|01|11|01|11| 3.0

11|00|00|10|11|01|01|01|01|01|01|01|00|11|01|01| 3.0

00|11|10|10|11|01|00|00|01|01|01|01|01|11|01|01| 2.0

00|01|00|11|01|01|00|10|01|01|01|01|01|11|01|01| 1.0

00|10|01|01|10|00|00|01|01|01|01|01|01|11|01|01| 1.0

01|10|00|11|11|01|00|01|01|01|01|01|01|11|01|00| 1.0

11|10|00|01|11|01|01|01|01|01|01|01|00|11|01|11| 1.0

10|10|00|10|10|01|01|10|01|01|01|01|01|11|11|01| 0.0

Generation --> 24

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

00|10|00|10|11|01|01|01|01|01|01|01|01|11|01|01| 3.0

00|10|00|10|11|01|01|01|01|01|01|01|01|11|01|01| 3.0

00|00|10|10|11|01|01|01|01|01|01|01|00|11|01|01| 3.0

11|00|00|10|11|01|01|01|01|01|01|01|01|11|01|01| 3.0

10|10|00|10|00|01|01|10|01|01|01|00|01|11|01|11| 3.0

00|01|00|11|01|01|00|10|01|01|01|11|01|11|01|01| 1.0

00|10|01|01|10|00|00|01|01|01|01|01|01|11|01|01| 1.0

01|10|00|11|10|01|00|01|01|01|01|11|01|11|01|01| 1.0

00|11|10|10|11|01|01|01|01|01|01|01|01|01|01|01| 0.0

11|10|00|01|11|01|01|01|11|00|00|01|01|01|01|11| 0.0

Generation --> 25

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

00|10|00|10|11|01|01|01|01|01|01|01|01|11|01|01| 3.0

01|10|00|10|11|01|01|01|01|01|01|01|01|11|01|01| 3.0

10|10|01|10|00|01|01|10|01|01|01|10|01|11|01|11| 3.0

11|00|00|10|00|01|01|10|01|01|01|00|01|11|01|11| 3.0

10|00|00|10|00|01|01|10|01|01|01|01|01|11|01|11| 3.0

00|10|11|10|01|01|01|11|01|01|01|01|01|11|01|01| 3.0

01|10|10|00|01|01|01|01|01|01|01|01|01|11|01|01| 1.0

00|01|00|11|01|01|00|10|01|01|01|11|01|11|01|01| 1.0

01|11|00|01|11|01|00|01|11|01|11|01|01|11|01|01| 1.0

00|10|01|01|10|10|00|01|01|01|01|01|01|10|01|01| 0.0

Generation --> 26

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|00|10|11|01|01|01|01|01|01|01|01|11|01|01| 3.0

01|10|00|10|10|01|01|10|01|01|01|00|01|11|01|11| 3.0

10|00|00|10|00|01|01|10|01|01|01|01|01|11|01|00| 3.0

00|10|11|10|11|01|01|11|01|01|01|01|01|11|01|00| 3.0

01|10|11|10|00|01|01|10|01|01|01|10|01|11|01|11| 3.0

00|11|10|10|11|01|01|01|00|01|01|01|00|11|01|01| 3.0

00|10|01|01|10|10|00|01|01|01|00|11|01|11|01|00| 1.0

11|00|00|10|00|01|01|00|01|01|01|01|01|11|11|01| 0.0

01|11|00|10|11|01|00|01|01|11|01|01|00|11|00|01| 0.0

Generation --> 27

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|00|10|10|01|01|00|01|01|01|00|01|11|01|11| 3.0

10|00|00|10|00|01|01|10|01|01|01|01|01|11|01|00| 3.0

01|10|11|10|11|01|01|10|01|00|01|10|01|11|01|01| 3.0

11|00|00|10|00|01|01|00|01|01|01|00|01|11|01|11| 3.0

00|11|10|10|11|01|11|01|00|01|01|01|00|11|01|01| 2.0

01|11|00|10|11|01|00|01|01|11|01|01|00|11|01|01| 2.0

00|10|00|00|11|01|01|01|00|01|10|01|01|11|01|00| 1.0

00|10|01|01|10|10|00|01|01|01|00|11|01|11|01|00| 1.0

00|10|11|00|11|01|01|01|01|01|01|01|01|01|01|00| 0.0

Generation --> 28

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|00|10|10|01|01|00|01|01|01|00|01|11|01|00| 3.0

10|00|00|10|00|00|01|10|11|01|01|01|01|11|01|00| 3.0

01|10|11|10|11|01|01|10|01|00|01|10|01|11|01|01| 3.0

01|11|10|10|11|01|01|10|01|11|01|10|01|11|01|00| 3.0

11|00|00|10|00|01|01|00|01|00|01|00|01|11|01|11| 3.0

10|11|00|10|00|11|01|10|00|01|11|10|01|11|01|00| 1.0

00|10|11|00|11|01|00|01|01|00|01|10|01|11|01|01| 1.0

00|11|10|10|11|01|11|00|00|01|01|00|00|01|01|01| 0.0

00|10|10|00|00|01|01|00|01|01|01|00|00|11|11|10| 0.0

Generation --> 29

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|10|10|10|01|01|00|01|01|01|00|01|11|01|11| 3.0

10|11|10|10|11|01|01|10|01|11|01|10|01|11|01|00| 3.0

01|10|00|10|00|00|01|10|11|01|01|01|01|11|01|00| 3.0

01|11|10|10|11|01|01|10|01|01|01|10|01|11|01|00| 3.0

00|11|10|10|11|01|11|00|00|01|01|10|01|11|01|10| 2.0

00|10|10|10|00|11|01|10|11|01|00|10|01|11|01|00| 1.0

11|10|00|01|00|01|01|00|01|00|01|00|01|11|01|00| 1.0

10|11|00|10|00|11|01|10|00|11|11|10|01|11|01|01| 1.0

00|10|11|00|11|01|00|01|01|00|00|10|01|11|01|00| 1.0

Generation --> 30

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|10|10|00|11|01|10|01|11|01|10|01|11|01|00| 8.0

10|11|00|10|00|11|01|10|00|00|01|00|01|11|01|00| 8.0

01|10|10|10|10|01|01|00|01|01|01|10|01|11|01|11| 3.0

10|10|10|10|10|01|01|00|01|01|01|00|01|11|01|11| 3.0

11|11|10|10|11|01|01|10|01|11|01|10|01|11|01|00| 3.0

01|11|10|10|11|01|01|00|01|01|01|00|01|11|01|01| 3.0

11|10|11|10|11|01|01|10|01|01|01|10|01|11|01|01| 3.0

00|11|11|10|11|01|11|00|00|01|01|10|01|11|01|10| 2.0

00|10|11|00|11|01|00|01|01|00|00|10|01|11|01|00| 1.0

Generation --> 31

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|10|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|10|10|10|11|01|10|00|10|01|00|01|11|01|00| 8.0

11|11|10|10|10|11|01|00|01|11|01|10|01|11|01|00| 8.0

01|01|10|10|11|01|01|10|01|01|01|10|01|11|01|10| 3.0

11|10|11|10|11|01|01|10|01|01|01|10|01|11|01|00| 3.0

00|11|11|10|11|00|11|00|00|01|01|10|01|11|01|00| 2.0

10|11|00|00|00|11|01|10|00|00|01|00|01|11|01|00| 1.0

10|10|10|10|10|11|01|00|01|01|00|00|01|11|01|00| 1.0

00|10|11|00|00|11|01|10|00|00|01|00|11|00|01|00| 0.0

Generation --> 32

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|01|11|10|11|01|01|10|01|10|01|00|01|11|01|00| 3.0

01|10|10|10|01|11|01|10|01|01|11|10|01|11|01|00| 1.0

10|11|10|10|10|11|01|00|01|11|00|10|01|11|01|00| 1.0

11|10|11|00|11|01|01|10|01|01|01|10|01|11|01|00| 1.0

10|10|10|10|10|11|01|00|01|01|00|00|01|11|01|00| 1.0

00|10|11|00|00|11|01|10|00|00|01|10|11|11|01|00| 1.0

11|00|11|10|11|01|01|10|01|01|01|11|01|01|01|00| 0.0

00|11|11|11|11|00|11|00|00|01|01|11|01|10|01|00| 0.0

10|11|00|00|00|11|01|11|00|10|00|00|01|11|00|01| 0.0

Generation --> 33

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|10|10|10|11|01|00|01|01|01|10|01|11|01|00| 8.0

00|01|11|10|10|01|01|10|01|10|11|00|01|11|01|00| 1.0

00|01|11|10|10|01|01|10|01|01|00|00|01|11|01|10| 1.0

00|10|10|00|01|11|01|10|01|01|10|00|01|11|01|00| 1.0

10|11|10|10|01|11|01|10|11|01|11|00|01|11|01|00| 1.0

00|10|11|00|00|11|01|10|01|00|01|10|01|11|01|00| 1.0

00|11|00|01|00|11|01|11|00|11|00|00|00|11|01|00| 1.0

11|00|11|10|11|01|01|10|01|01|11|11|01|11|01|00| 1.0

00|11|11|11|11|00|11|00|00|01|01|10|11|11|00|00| 0.0

Generation --> 34

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|01|11|10|10|11|01|00|01|01|01|10|01|11|01|00| 8.0

10|11|10|10|00|11|01|10|01|00|01|10|01|11|01|00| 8.0

00|10|10|10|01|11|01|00|01|01|01|10|01|11|01|00| 8.0

11|10|10|10|10|01|01|00|01|01|01|10|01|11|01|00| 3.0

00|01|11|11|10|01|01|10|01|10|11|00|01|11|01|00| 1.0

11|00|10|10|11|01|01|10|01|01|11|11|01|11|01|00| 1.0

00|11|00|11|00|11|01|11|00|11|00|01|00|11|01|10| 1.0

11|00|00|10|11|00|01|10|01|01|00|01|01|11|01|10| 1.0

00|11|11|01|11|00|11|00|00|01|00|00|01|11|01|10| 1.0

Generation --> 35

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|11|11|10|10|11|01|00|01|11|01|11|01|11|01|00| 8.0

11|00|11|10|10|11|01|00|01|01|01|10|01|11|01|00| 8.0

10|10|10|10|10|01|01|00|01|01|01|10|01|11|01|00| 3.0

00|01|11|10|10|01|01|00|01|01|01|10|01|11|01|00| 3.0

10|11|10|10|00|11|00|10|01|01|00|01|01|11|01|10| 1.0

00|11|01|01|11|00|11|00|01|01|01|00|01|11|01|00| 1.0

00|11|10|10|00|11|01|10|01|00|01|10|01|01|01|10| 0.0

11|00|00|10|11|00|01|11|10|00|01|10|00|10|01|00| 0.0

00|11|00|11|00|11|01|11|01|11|00|00|01|10|01|00| 0.0

Generation --> 36

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|00|11|10|10|11|01|00|01|01|01|10|01|11|01|00| 8.0

00|11|11|10|10|11|01|00|01|01|01|11|01|11|01|10| 8.0

11|01|11|10|00|01|01|00|01|01|01|10|01|11|01|00| 3.0

10|10|10|10|10|01|01|00|01|01|01|10|01|11|01|00| 3.0

00|00|10|10|10|01|01|00|01|01|01|10|01|11|01|00| 3.0

00|01|11|10|10|11|01|00|01|00|00|01|01|11|01|10| 1.0

00|11|01|01|10|00|11|00|01|01|01|00|01|11|01|00| 1.0

10|11|11|10|00|11|00|10|01|01|00|00|01|11|11|10| 0.0

11|00|00|10|11|00|01|11|10|00|01|11|00|10|01|00| 0.0

Generation --> 37

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|11|11|10|00|11|01|00|01|01|01|10|01|11|01|00| 8.0

00|01|11|10|10|11|01|00|01|00|01|11|01|11|01|10| 8.0

11|00|00|10|11|00|01|11|10|00|01|11|01|11|01|00| 3.0

10|10|10|10|10|11|01|00|00|01|11|10|01|11|01|00| 1.0

00|00|10|10|10|11|01|00|11|01|00|10|01|11|01|00| 1.0

00|11|01|00|10|11|01|00|01|01|11|11|01|11|01|10| 1.0

11|10|11|10|10|11|10|00|01|01|01|11|01|11|11|10| 0.0

10|01|11|10|10|01|01|00|01|01|01|10|01|10|01|00| 0.0

10|11|11|10|00|11|00|10|01|01|00|00|01|11|11|10| 0.0

Generation --> 38

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|11|11|10|00|11|01|00|01|00|01|10|01|11|01|10| 8.0

10|10|10|10|11|00|01|11|10|00|01|11|01|11|01|00| 3.0

00|00|10|10|00|11|01|10|01|01|00|10|01|11|01|00| 1.0

10|11|11|10|00|11|01|00|01|00|10|11|01|11|01|10| 1.0

00|11|01|00|10|11|01|00|01|00|01|11|01|11|01|10| 1.0

11|10|11|10|10|11|10|00|01|01|11|11|11|11|01|00| 1.0

11|00|00|10|10|01|01|11|10|00|01|11|01|10|01|10| 0.0

00|01|11|00|10|11|01|00|01|01|11|11|01|11|00|10| 0.0

10|01|11|10|10|01|01|00|01|01|00|10|01|10|01|00| 0.0

Generation --> 39

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|11|11|10|00|11|01|00|01|10|01|10|01|11|01|10| 8.0

10|10|10|10|11|00|01|11|10|00|01|11|01|11|01|00| 3.0

11|00|00|10|10|01|01|11|10|00|01|11|01|11|01|10| 3.0

10|10|11|10|10|11|10|10|01|01|01|11|01|11|01|00| 2.0

00|00|10|00|00|11|01|00|01|00|10|11|01|11|01|10| 1.0

01|11|01|00|10|11|01|00|00|00|01|10|01|11|01|10| 1.0

00|01|11|00|00|11|01|00|01|00|01|10|01|11|01|10| 1.0

00|11|11|10|00|11|01|11|10|00|01|11|01|11|00|00| 0.0

10|01|11|10|10|01|01|00|01|01|00|10|01|10|01|00| 0.0

Generation --> 40

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|11|11|10|00|11|01|00|01|10|01|10|01|11|01|10| 8.0

00|11|11|10|00|11|01|01|10|00|01|10|01|11|01|10| 8.0

11|00|00|10|10|01|01|00|01|10|01|10|01|11|01|10| 3.0

10|10|11|10|10|11|10|10|01|01|01|11|01|11|01|00| 2.0

11|11|11|00|00|11|01|00|01|10|01|10|01|11|01|10| 1.0

00|00|10|00|00|11|01|00|01|00|10|10|01|11|01|10| 1.0

01|11|01|00|10|11|01|00|01|10|01|10|00|11|01|10| 1.0

00|11|11|00|00|01|01|00|01|01|00|10|01|11|01|00| 1.0

10|11|01|01|10|10|01|00|00|00|01|10|01|11|01|10| 1.0

Generation --> 41

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|11|11|10|00|11|01|11|01|01|01|10|01|11|01|00| 8.0

00|11|11|10|00|11|01|01|10|00|01|10|01|11|01|10| 8.0

11|00|00|10|10|01|01|01|10|00|01|10|00|11|01|10| 3.0

10|10|11|10|10|11|10|10|00|01|01|11|01|11|01|01| 2.0

00|00|10|00|00|11|01|00|01|00|01|10|01|11|01|10| 1.0

01|11|01|00|10|11|01|00|01|10|00|10|00|11|01|10| 1.0

00|01|10|00|00|01|00|10|01|11|00|10|01|11|01|10| 1.0

11|11|11|00|10|01|01|00|01|10|01|10|01|01|01|10| 0.0

10|11|01|01|10|11|00|10|01|11|01|11|01|01|01|01| 0.0

Generation --> 42

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|11|01|10|00|11|01|01|10|00|01|10|11|11|01|10| 3.0

11|00|00|10|10|01|01|01|10|00|01|10|00|11|01|10| 3.0

11|10|00|10|10|01|01|10|10|00|00|10|01|11|01|10| 1.0

01|11|01|11|10|11|01|00|01|10|00|10|00|11|01|10| 1.0

00|00|10|00|00|11|01|00|01|00|01|10|01|11|01|11| 1.0

00|11|11|10|00|11|01|01|10|00|01|11|01|10|01|10| 0.0

10|11|01|10|00|11|01|11|01|01|01|10|01|10|01|00| 0.0

00|01|10|00|00|11|10|10|00|01|01|11|01|00|01|01| 0.0

11|11|11|00|10|01|01|01|10|00|01|10|01|01|01|11| 0.0

Generation --> 43

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|00|00|10|10|01|11|01|10|00|01|01|00|11|01|10| 2.0

00|11|11|11|00|11|01|01|10|00|01|10|01|11|01|00| 1.0

00|11|01|10|00|11|01|11|10|00|11|10|10|11|01|10| 1.0

11|10|10|00|10|01|01|10|10|00|00|10|01|11|01|10| 1.0

01|11|01|11|10|01|01|00|11|10|00|11|11|11|01|10| 1.0

01|00|10|10|00|11|11|10|01|01|01|10|00|11|11|00| 0.0

11|11|01|10|00|11|00|11|01|01|01|10|01|10|01|10| 0.0

00|01|10|00|00|01|10|11|00|01|01|11|01|01|01|01| 0.0

01|11|01|00|10|01|01|01|10|00|01|10|01|01|01|10| 0.0

Generation --> 44

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|00|00|10|10|01|11|01|10|00|01|01|10|11|01|10| 2.0

01|11|00|10|10|01|11|11|10|00|01|01|00|11|01|10| 2.0

00|11|11|11|10|11|01|01|00|00|01|10|01|11|01|00| 1.0

00|11|01|00|00|11|01|11|10|00|11|01|00|11|01|00| 1.0

11|00|00|00|10|10|01|10|10|00|00|10|01|11|01|10| 1.0

01|11|01|11|10|01|01|00|11|10|00|11|11|11|01|00| 1.0

00|01|11|10|00|11|01|11|10|10|11|10|11|11|01|10| 1.0

01|00|10|10|00|11|11|10|01|01|01|10|00|11|11|01| 0.0

11|11|01|10|00|11|00|11|01|01|01|10|01|10|01|10| 0.0

Generation --> 45

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|01|11|10|01|11|01|11|10|11|01|11|01|11|01|00| 8.0

00|10|00|10|10|11|01|10|01|01|01|10|00|10|01|10| 3.0

00|11|11|11|10|11|01|01|00|00|01|10|11|11|01|01| 3.0

11|00|00|10|10|01|11|01|11|01|01|10|01|11|01|00| 2.0

01|00|10|10|00|11|11|10|01|01|01|10|01|11|01|00| 2.0

00|11|01|00|00|01|10|11|11|00|01|01|00|11|01|11| 1.0

01|11|00|10|10|01|11|10|01|01|01|10|01|11|11|00| 0.0

11|00|00|00|10|10|00|10|10|00|00|10|11|11|00|00| 0.0

11|11|01|11|00|11|00|11|01|01|01|10|00|10|01|00| 0.0

Generation --> 46

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|11|11|10|01|11|01|11|10|11|01|11|01|11|01|00| 8.0

11|11|01|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|11|11|10|01|11|01|01|00|00|01|10|11|11|01|01| 3.0

00|10|01|10|10|11|01|00|01|01|01|10|00|11|01|01| 3.0

11|00|01|10|10|01|11|01|11|01|01|00|01|11|01|10| 2.0

01|00|10|10|00|11|11|10|11|01|01|10|01|11|01|00| 2.0

01|11|10|10|10|11|11|10|01|01|01|10|00|10|01|10| 2.0

00|11|11|10|10|11|01|01|00|00|01|10|01|11|11|00| 0.0

11|00|00|00|10|10|00|10|10|00|00|10|11|11|00|00| 0.0

Generation --> 47

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|11|11|10|01|11|01|11|10|11|01|11|01|11|01|00| 8.0

00|11|01|10|00|11|01|10|00|01|01|10|01|11|01|00| 8.0

01|11|01|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|01|10|10|11|10|00|01|01|01|10|00|11|01|00| 2.0

10|11|01|10|00|01|11|10|01|01|00|10|01|11|01|10| 1.0

01|11|10|11|10|11|11|10|01|01|01|10|00|11|01|01| 1.0

11|00|00|00|10|10|00|10|11|01|01|10|01|11|01|00| 1.0

11|11|01|10|00|01|01|11|10|11|01|11|01|11|11|00| 0.0

00|11|11|00|10|01|01|01|00|00|01|10|11|11|11|10| 0.0

Generation --> 48

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|11|01|10|01|11|01|01|10|11|01|11|11|11|01|00| 3.0

01|11|00|10|00|11|00|10|01|01|01|10|01|11|01|00| 2.0

00|10|01|10|10|11|10|00|01|01|01|00|00|11|01|00| 2.0

11|10|01|10|00|01|11|10|00|01|00|10|01|11|01|10| 1.0

00|11|10|11|10|11|11|10|01|10|01|10|00|11|01|01| 1.0

11|00|00|00|10|00|00|10|11|01|01|10|01|11|01|10| 1.0

10|11|11|10|01|10|01|11|10|11|01|11|01|10|01|00| 0.0

11|11|01|10|00|01|01|11|01|00|01|10|01|01|01|00| 0.0

10|11|11|00|10|11|00|00|01|01|01|10|01|01|00|00| 0.0

Generation --> 49

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|11|00|10|00|11|00|10|01|01|01|11|11|11|01|10| 2.0

00|10|01|10|10|11|10|00|01|01|01|10|01|11|01|10| 2.0

11|10|01|10|10|01|11|10|00|01|01|11|11|11|01|00| 2.0

11|10|01|10|00|11|10|00|01|01|01|00|00|11|01|00| 2.0

10|11|11|10|10|11|00|01|01|01|01|10|00|11|01|00| 2.0

10|11|01|10|11|11|01|01|10|11|11|10|11|11|01|00| 1.0

00|01|10|11|10|11|11|10|11|10|01|10|00|11|01|00| 1.0

11|00|00|00|11|00|00|10|11|01|01|10|01|11|01|00| 1.0

10|11|11|10|00|00|01|11|10|11|01|11|01|10|01|00| 0.0

Generation --> 50

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|01|10|10|11|10|00|01|01|01|10|01|11|01|10| 2.0

11|10|01|10|10|01|10|10|00|01|01|11|11|11|01|00| 2.0

11|10|01|10|00|11|10|00|01|01|01|00|00|11|01|00| 2.0

10|10|01|10|11|11|01|01|10|10|11|10|01|11|01|00| 1.0

00|01|10|11|10|11|11|00|01|01|01|10|01|11|01|10| 1.0

11|00|00|00|10|00|00|10|11|01|01|10|01|11|01|10| 1.0

10|10|00|10|00|11|01|10|01|01|01|10|01|11|00|00| 0.0

01|11|00|10|10|11|00|11|01|11|01|10|00|01|01|00| 0.0

10|11|11|10|00|00|01|11|10|11|01|11|01|10|11|00| 0.0

Generation --> 51

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|11|10|10|00|11|01|10|01|01|01|10|01|11|01|01| 8.0

10|00|00|10|00|11|01|10|01|01|01|00|00|11|01|00| 3.0

00|10|01|10|10|11|00|00|01|01|01|10|01|11|01|10| 2.0

11|00|01|10|10|01|10|10|00|01|01|11|11|11|01|10| 2.0

00|10|01|10|11|11|01|01|10|10|11|10|11|11|01|00| 1.0

10|01|10|01|10|11|11|00|01|01|01|10|01|11|01|00| 1.0

11|00|00|00|10|00|00|10|01|01|01|10|01|11|01|00| 1.0

11|10|01|10|10|01|10|10|00|01|01|11|11|11|11|00| 0.0

01|11|00|11|10|11|00|11|11|11|01|10|00|01|01|00| 0.0

Generation --> 52

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|01|10|10|00|11|01|10|11|01|01|10|01|11|01|01| 8.0

11|10|10|10|00|11|01|10|01|01|01|10|00|11|01|10| 3.0

00|10|01|10|10|11|00|00|01|01|01|10|01|11|01|00| 2.0

11|10|11|10|11|01|10|10|00|01|01|11|11|11|01|00| 2.0

00|11|01|10|11|11|01|01|00|10|11|10|11|11|01|00| 1.0

11|00|10|10|00|11|01|10|01|01|01|00|01|11|00|11| 0.0

10|01|01|10|10|01|10|10|00|01|01|11|11|01|01|10| 0.0

11|00|01|00|10|00|00|10|00|01|01|10|01|11|00|10| 0.0

01|11|00|11|10|10|00|11|11|11|01|10|00|01|01|00| 0.0

Generation --> 53

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|10|10|00|11|01|10|11|01|01|10|01|11|01|01| 8.0

11|00|11|10|00|11|01|10|01|01|01|11|01|11|01|00| 8.0

10|10|01|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|11|00|10|00|11|00|10|01|01|11|10|01|11|01|01| 1.0

11|10|10|11|00|11|01|10|01|01|00|01|00|11|01|00| 1.0

00|10|01|10|11|11|01|01|00|10|11|10|01|11|01|01| 1.0

00|10|01|10|10|11|00|00|01|11|11|10|01|11|11|01| 0.0

11|01|01|10|00|01|11|10|00|01|01|11|11|01|01|10| 0.0

11|00|01|00|10|00|00|10|00|01|01|10|01|10|00|10| 0.0

Generation --> 54

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|10|10|00|11|01|10|11|01|01|10|01|11|01|01| 8.0

10|10|01|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|10|10|00|11|01|11|11|01|01|10|01|11|01|01| 8.0

00|10|01|11|11|11|01|00|10|10|11|10|01|11|01|01| 1.0

11|00|11|10|00|11|01|10|01|01|01|11|01|11|11|00| 0.0

10|00|00|10|00|11|01|10|01|01|01|10|01|11|00|00| 0.0

10|10|10|10|01|11|01|11|11|01|01|00|01|11|11|01| 0.0

10|10|01|10|00|11|01|10|01|01|11|10|01|11|11|01| 0.0

11|00|01|00|10|11|00|00|01|11|11|10|01|11|11|01| 0.0

Generation --> 55

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|10|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|10|10|10|11|01|10|10|01|01|10|01|11|01|01| 8.0

11|00|11|10|00|11|00|11|01|01|01|11|01|11|01|00| 2.0

00|10|01|11|11|11|01|00|10|11|01|11|01|11|01|00| 1.0

10|10|10|10|01|11|01|11|10|10|11|10|01|11|01|01| 1.0

10|10|00|10|00|01|01|10|01|01|11|10|01|11|01|00| 1.0

01|00|11|00|10|11|00|00|11|01|01|00|01|11|01|01| 1.0

11|11|10|10|00|11|01|10|01|11|01|10|01|11|11|00| 0.0

10|01|00|10|00|10|01|11|01|01|01|10|11|11|00|01| 0.0

Generation --> 56

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|10|11|01|11|01|01|01|10|01|11|01|00| 8.0

10|10|10|10|01|11|01|10|01|00|01|10|01|11|01|00| 8.0

11|11|10|10|00|11|01|10|11|11|01|10|01|11|01|00| 8.0

10|01|11|10|00|10|01|11|01|01|01|10|11|11|01|00| 3.0

11|00|11|10|00|11|00|11|01|01|01|10|01|11|01|00| 2.0

00|10|01|11|11|11|01|00|10|11|01|10|01|11|01|00| 1.0

10|00|00|10|00|01|01|10|01|01|11|10|01|11|01|00| 1.0

01|00|11|01|10|11|00|00|11|01|01|00|01|11|01|01| 1.0

11|10|10|10|10|11|01|10|10|11|11|11|01|01|01|00| 0.0

Generation --> 57

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|11|10|10|10|11|01|11|01|01|01|10|01|11|01|00| 8.0

11|11|10|10|00|11|01|10|11|11|01|10|01|10|01|00| 8.0

10|00|00|10|00|11|01|00|01|11|01|10|01|11|01|00| 8.0

11|10|10|10|10|11|01|10|11|11|01|10|01|11|01|00| 8.0

10|01|11|10|00|10|01|11|01|01|01|10|01|11|01|10| 3.0

11|10|00|10|10|11|00|11|01|00|01|10|01|11|01|00| 2.0

11|00|11|10|00|11|00|11|01|01|01|10|10|11|01|00| 2.0

10|10|10|00|01|11|01|10|00|00|01|10|01|11|01|00| 1.0

01|00|11|01|10|11|00|00|11|01|01|00|01|11|01|00| 1.0

Generation --> 58

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|11|10|10|00|11|01|10|11|11|01|10|01|10|01|00| 8.0

11|10|00|10|10|11|01|00|01|10|01|10|01|11|01|00| 8.0

11|11|10|10|00|10|01|11|01|00|01|10|01|11|01|01| 3.0

10|01|11|10|01|10|01|11|01|11|01|10|01|11|01|00| 3.0

11|01|10|00|11|11|11|11|00|01|01|10|01|11|01|00| 1.0

01|00|11|01|10|11|00|00|11|01|01|10|01|11|01|00| 1.0

10|00|00|10|00|11|01|00|01|11|01|10|01|11|11|00| 0.0

11|11|10|10|00|01|01|10|11|10|01|10|01|10|11|00| 0.0

10|11|10|00|01|11|01|11|11|11|01|10|01|10|01|00| 0.0

Generation --> 59

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|00|10|10|11|01|00|01|10|01|10|01|11|01|00| 8.0

10|01|10|10|00|11|01|10|00|10|01|10|01|11|01|01| 8.0

11|11|10|10|00|11|00|10|11|11|01|10|01|10|01|00| 2.0

10|00|00|10|00|11|00|10|00|01|01|11|01|11|01|00| 2.0

11|10|00|11|00|11|01|10|00|01|01|10|01|11|01|00| 1.0

01|01|10|00|10|11|01|10|01|10|01|10|01|11|01|00| 1.0

11|11|10|10|00|11|01|10|11|01|01|10|01|11|00|00| 0.0

11|11|10|10|00|10|01|11|01|00|01|10|01|11|00|01| 0.0

10|11|10|00|01|11|01|11|11|11|01|10|00|10|01|00| 0.0

Generation --> 60

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|01|10|10|00|11|01|10|00|10|01|10|01|11|01|01| 8.0

11|11|01|10|00|11|01|10|00|10|01|10|01|11|01|00| 8.0

11|10|00|10|10|10|01|10|00|01|01|10|01|11|01|00| 3.0

11|11|10|10|00|11|11|10|00|10|01|00|01|11|01|01| 2.0

11|11|10|10|00|11|00|10|11|11|01|10|01|10|01|00| 2.0

11|10|01|10|00|11|01|10|01|01|00|10|01|11|01|00| 1.0

01|01|10|00|10|11|01|10|01|01|01|10|01|11|01|00| 1.0

10|10|00|10|00|11|10|10|00|01|01|11|11|11|11|00| 0.0

10|11|10|00|01|11|01|11|11|11|01|10|00|00|01|00| 0.0

Generation --> 61

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|01|10|10|00|11|01|10|01|10|01|10|01|11|01|00| 8.0

11|11|10|10|00|11|11|10|00|10|01|00|01|11|01|11| 2.0

11|11|10|10|00|11|00|10|00|10|01|10|01|11|01|00| 2.0

10|10|00|10|00|11|01|10|01|01|00|00|01|11|01|00| 1.0

11|10|00|11|10|10|01|10|00|10|01|10|01|10|01|01| 1.0

01|01|10|00|10|11|01|10|01|01|01|10|01|11|01|01| 1.0

10|10|01|10|00|11|01|00|01|01|01|10|01|01|01|00| 0.0

11|11|11|10|00|11|11|10|00|10|01|00|01|01|10|01| 0.0

10|10|00|10|00|11|10|10|11|11|01|10|01|10|00|00| 0.0

Generation --> 62

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|01|10|10|00|11|01|10|01|10|01|10|01|11|01|00| 8.0

01|01|10|10|00|11|01|10|01|10|01|00|01|11|01|00| 8.0

10|01|10|10|00|11|01|00|01|10|01|10|11|11|01|00| 3.0

11|11|10|10|00|11|00|10|00|10|01|10|01|11|01|00| 2.0

10|11|10|10|10|11|00|10|00|11|01|10|01|11|01|00| 2.0

11|11|10|10|00|11|11|10|00|10|01|00|01|11|01|11| 2.0

10|10|00|10|00|11|10|10|10|11|00|10|01|11|01|11| 1.0

11|10|00|11|10|10|01|10|00|10|01|10|01|11|01|00| 1.0

01|01|11|00|00|01|01|00|11|01|01|10|01|11|01|00| 1.0

Generation --> 63

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|01|10|10|00|11|01|00|00|10|01|00|01|11|01|11| 8.0

01|01|10|10|00|11|01|10|01|10|01|00|01|11|01|00| 8.0

10|01|10|10|10|11|01|10|01|10|01|10|01|11|01|00| 8.0

10|01|00|11|00|11|00|00|01|10|01|00|11|11|01|00| 2.0

11|11|10|10|01|11|00|10|00|10|01|10|01|11|01|00| 2.0

11|11|10|11|00|11|01|10|01|10|01|10|01|11|01|00| 1.0

10|11|10|11|10|11|00|10|00|11|11|10|01|11|01|00| 1.0

11|10|00|11|10|10|01|10|00|10|01|10|11|11|01|00| 1.0

01|11|11|00|00|01|01|00|10|01|01|00|01|10|01|00| 0.0

Generation --> 64

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|01|00|10|10|11|00|00|00|10|01|00|01|11|01|11| 2.0

10|01|00|11|10|11|00|00|01|10|01|00|11|11|01|00| 2.0

11|11|10|11|01|11|01|10|01|10|01|10|10|10|01|00| 1.0

10|11|10|11|10|11|10|10|01|01|01|00|01|11|01|00| 1.0

11|10|00|11|10|10|01|10|00|10|01|00|01|11|01|11| 1.0

00|11|10|00|00|01|01|00|10|01|01|10|01|11|01|00| 1.0

11|01|10|10|00|11|01|00|00|10|01|00|01|10|01|11| 0.0

11|01|10|10|00|11|01|01|00|10|01|00|01|01|01|11| 0.0

11|11|10|10|01|11|00|10|00|10|01|11|01|11|00|00| 0.0

Generation --> 65

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|01|10|10|00|11|01|01|00|10|01|00|01|11|01|11| 8.0

11|01|10|10|00|11|00|00|00|10|01|01|01|11|01|11| 2.0

11|11|10|10|01|11|00|10|00|10|11|11|01|11|01|00| 1.0

10|01|00|11|10|11|00|00|00|10|01|00|01|11|01|11| 1.0

11|11|10|11|01|11|01|10|01|10|01|10|10|10|01|00| 1.0

00|11|10|00|00|01|01|00|11|10|01|00|11|11|01|00| 1.0

10|10|00|10|00|11|01|10|01|01|01|10|11|11|11|00| 0.0

10|01|00|11|10|10|01|10|00|10|01|00|01|10|01|11| 0.0

11|11|00|11|10|10|01|10|00|10|01|10|01|11|00|11| 0.0

Generation --> 66

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|01|10|10|00|11|01|01|00|10|01|00|01|11|01|11| 8.0

10|01|00|10|00|11|01|10|01|11|01|10|01|11|01|00| 8.0

11|01|10|10|00|11|00|01|00|10|01|00|01|11|01|11| 2.0

11|11|10|11|01|11|00|10|00|10|11|11|00|11|01|00| 1.0

11|11|10|11|00|11|01|10|00|10|01|10|10|10|01|00| 1.0

00|11|10|00|00|11|01|01|00|00|00|00|01|11|01|11| 1.0

10|01|00|11|10|10|00|00|01|10|01|00|01|11|00|11| 0.0

10|10|00|10|00|11|01|10|01|01|01|10|11|11|11|00| 0.0

11|11|00|11|00|10|01|10|00|10|01|10|01|11|00|11| 0.0

Generation --> 67

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|01|10|10|00|11|01|01|00|10|01|01|01|11|01|11| 8.0

11|10|00|10|00|11|01|10|01|11|01|10|01|11|01|00| 8.0

11|11|00|10|11|11|01|10|00|11|01|10|01|11|01|01| 8.0

11|11|00|10|00|11|01|10|01|11|01|10|01|11|01|00| 8.0

10|01|00|10|00|11|01|10|00|10|01|00|11|11|01|11| 3.0

10|10|00|10|00|11|01|10|01|01|01|01|00|11|01|00| 3.0

11|01|10|10|00|11|00|01|01|11|01|10|01|11|01|00| 2.0

00|11|10|00|00|11|01|10|01|10|01|10|01|11|01|00| 1.0

10|01|00|11|10|10|00|00|01|10|01|00|01|11|00|10| 0.0

Generation --> 68

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|11|01|10|00|11|01|10|01|11|01|10|01|11|01|10| 8.0

11|10|00|10|00|01|01|10|01|11|01|11|01|11|01|00| 3.0

10|01|00|10|00|11|01|10|01|10|01|00|11|11|01|11| 3.0

11|10|00|10|00|11|01|10|01|01|01|01|00|11|01|00| 3.0

11|11|00|10|11|11|00|10|00|11|01|00|01|11|01|00| 2.0

11|11|10|10|00|11|00|01|01|11|01|11|00|11|01|10| 2.0

00|01|10|10|00|11|00|01|00|10|00|01|01|11|11|01| 0.0

00|11|10|01|00|11|01|01|00|10|01|01|01|11|11|11| 0.0

10|01|00|11|10|10|00|00|01|10|00|00|01|11|00|01| 0.0

Generation --> 69

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|11|00|10|00|11|01|10|01|10|01|00|01|11|01|10| 8.0

11|10|00|10|00|01|01|10|01|01|01|10|01|11|01|00| 3.0

11|11|10|10|00|11|00|01|01|11|01|11|00|11|01|00| 2.0

00|01|10|10|00|11|00|01|00|10|00|00|01|11|01|00| 1.0

11|10|00|10|00|11|01|10|01|01|01|10|01|01|01|00| 0.0

11|11|01|10|00|11|01|10|01|11|01|00|11|01|01|11| 0.0

10|10|00|10|00|01|01|00|01|11|01|11|01|11|11|00| 0.0

11|11|00|11|11|11|00|10|00|11|01|11|01|01|01|10| 0.0

00|11|10|01|00|11|01|01|00|10|01|01|01|11|11|10| 0.0

Generation --> 70

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|01|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|11|01|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|11|00|10|00|11|00|10|00|10|01|00|01|11|01|10| 2.0

11|11|10|10|00|11|00|01|01|10|01|01|01|11|01|00| 2.0

00|11|10|10|00|11|00|01|01|11|01|11|10|11|01|00| 2.0

11|11|00|10|00|11|01|10|01|10|11|00|01|11|01|10| 1.0

10|10|00|10|00|11|01|10|01|11|01|00|11|11|00|00| 0.0

00|01|01|10|00|11|01|11|01|11|01|01|01|01|01|11| 0.0

11|10|00|10|01|11|11|10|01|01|01|10|00|01|01|10| 0.0

Generation --> 71

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|11|10|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|11|00|10|00|11|01|10|01|01|01|00|01|11|01|00| 8.0

00|01|01|10|00|11|01|10|01|01|01|10|00|11|01|00| 3.0

10|11|10|10|00|11|00|01|01|10|01|01|01|11|01|01| 2.0

10|10|10|10|00|11|00|00|01|01|01|10|01|11|01|00| 2.0

11|11|01|11|00|11|00|01|01|11|01|11|10|11|01|00| 1.0

10|11|00|11|00|11|00|10|00|01|01|10|01|11|01|00| 1.0

11|11|00|10|00|11|01|10|01|10|11|00|01|11|01|00| 1.0

10|10|00|10|00|11|00|10|00|10|01|00|01|11|11|10| 0.0

Generation --> 72

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|11|10|10|00|11|01|10|01|01|01|01|01|11|01|00| 8.0

11|11|00|10|00|11|01|10|01|01|01|00|00|11|01|00| 3.0

00|01|10|10|00|11|00|00|01|01|01|10|01|11|01|00| 2.0

10|01|00|10|00|10|00|10|00|01|01|10|01|11|01|00| 2.0

01|11|01|11|00|11|00|00|01|11|01|10|01|11|01|00| 1.0

11|11|10|10|00|01|01|10|00|01|01|10|01|01|11|00| 0.0

10|10|11|10|00|11|01|10|01|01|01|10|01|01|01|00| 0.0

01|11|01|10|00|11|01|10|01|01|01|10|10|01|01|00| 0.0

10|11|00|10|00|11|00|10|00|10|01|00|01|10|11|10| 0.0

Generation --> 73

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|01|00|10|00|11|01|10|01|01|01|01|01|11|01|00| 8.0

00|11|00|10|00|11|01|10|01|01|01|01|00|11|01|10| 3.0

10|11|00|10|00|11|00|10|00|10|01|10|01|10|01|00| 2.0

00|11|10|00|00|01|01|10|01|01|01|00|10|11|01|11| 1.0

01|11|01|11|00|11|00|00|01|11|01|10|01|11|01|10| 1.0

10|10|11|10|00|11|01|10|01|01|01|10|01|11|11|00| 0.0

01|11|00|10|00|01|01|10|00|01|01|10|01|01|11|00| 0.0

01|10|01|10|00|11|01|10|01|01|01|10|10|01|01|00| 0.0

Generation --> 74

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|01|00|10|01|11|01|10|01|01|01|01|01|11|01|00| 8.0

01|10|11|10|00|01|01|10|01|01|01|10|01|11|01|00| 3.0

00|11|00|10|01|11|10|10|01|01|01|01|01|11|01|10| 2.0

11|11|01|10|00|11|00|10|00|10|01|10|01|10|01|10| 2.0

10|10|11|10|00|11|01|10|01|01|11|10|01|11|01|00| 1.0

01|11|01|11|01|11|01|10|01|01|01|01|01|11|01|00| 1.0

11|10|00|10|00|11|01|11|01|01|01|10|01|01|01|10| 0.0

10|10|11|10|00|11|01|10|01|01|01|10|01|11|11|00| 0.0

00|11|10|00|00|01|01|10|01|01|01|00|01|11|11|00| 0.0

Generation --> 75

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|00|10|00|11|01|11|00|01|01|10|01|11|01|00| 8.0

10|10|11|10|01|11|01|10|01|01|01|01|01|11|01|00| 8.0

11|10|11|10|00|00|01|10|01|01|01|01|01|11|01|10| 3.0

10|11|00|10|01|01|01|10|01|01|01|10|01|11|01|00| 3.0

10|01|00|10|01|11|11|10|01|01|01|01|01|11|01|00| 2.0

11|11|01|10|00|01|00|10|00|10|01|10|01|10|01|10| 2.0

10|10|11|10|00|10|01|10|01|01|11|10|01|11|01|00| 1.0

00|11|00|00|00|01|01|10|01|01|01|01|01|11|01|00| 1.0

01|11|01|11|01|11|01|10|01|01|00|01|01|10|01|10| 0.0

Generation --> 76

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|11|01|10|01|01|01|10|01|10|01|10|01|10|01|10| 3.0

10|10|11|10|00|00|01|10|11|01|01|10|01|11|01|00| 3.0

11|10|11|10|00|01|00|11|01|01|01|10|01|11|01|00| 2.0

10|01|00|10|01|01|11|10|01|01|01|11|01|11|01|10| 2.0

10|10|11|10|01|11|11|10|01|01|01|01|00|11|01|00| 2.0

10|01|00|10|01|11|11|10|01|01|00|01|00|11|01|00| 1.0

01|10|01|11|01|11|01|10|01|01|01|10|01|11|01|00| 1.0

11|10|00|10|00|11|01|10|01|01|01|00|01|01|00|00| 0.0

01|11|00|11|00|11|01|10|01|01|01|00|01|11|11|00| 0.0

Generation --> 77

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|01|10|01|00|01|00|11|01|01|10|01|11|01|00| 3.0

11|10|11|10|01|01|01|10|01|10|01|10|01|10|01|10| 3.0

10|01|00|10|01|01|01|10|01|10|01|10|01|10|01|10| 3.0

10|10|11|10|01|11|11|10|01|10|01|10|01|10|01|10| 2.0

10|10|00|00|00|11|01|10|01|01|01|10|01|11|01|00| 1.0

11|10|01|11|01|01|01|10|01|10|01|10|01|10|01|10| 1.0

01|10|01|11|01|11|01|10|01|01|01|10|01|11|01|00| 1.0

11|10|00|10|00|11|01|10|01|01|01|00|01|01|00|00| 0.0

01|11|00|11|00|11|01|10|01|00|01|00|01|11|11|00| 0.0

Generation --> 78

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|00|10|00|11|01|00|11|01|01|10|01|11|01|01| 8.0

11|10|11|10|01|01|01|10|11|10|01|10|01|10|01|10| 3.0

10|10|11|10|01|11|11|10|01|01|01|10|01|11|01|00| 2.0

10|01|00|00|01|01|01|10|01|10|01|10|01|10|01|10| 1.0

10|10|00|00|00|11|01|10|01|01|01|10|01|11|01|00| 1.0

11|10|01|11|01|01|01|10|01|10|01|10|01|10|01|10| 1.0

01|10|01|11|01|11|01|10|01|01|01|10|00|11|01|00| 1.0

01|01|00|11|00|11|01|10|01|00|01|10|01|10|01|10| 1.0

Generation --> 79

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|00|10|00|11|01|00|11|01|01|10|01|11|01|00| 8.0

11|10|00|10|00|11|01|00|11|01|01|10|01|11|01|01| 8.0

10|10|11|10|01|11|11|10|00|01|01|10|01|11|01|01| 2.0

11|10|11|00|00|01|01|10|11|10|01|10|01|11|01|01| 1.0

11|11|00|11|01|01|01|10|11|01|01|10|00|11|01|01| 1.0

01|10|01|11|01|11|01|10|01|01|01|10|10|11|01|00| 1.0

01|01|00|11|00|11|01|10|01|00|01|10|01|10|01|11| 1.0

10|10|00|10|00|11|01|10|01|01|01|10|01|11|10|00| 0.0

10|10|00|00|00|01|01|10|01|01|01|10|01|01|11|00| 0.0

Generation --> 80

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|00|10|00|11|01|00|11|01|01|10|01|11|01|00| 8.0

11|10|11|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|10|01|00|01|10|01|10|01|11| 8.0

01|10|00|10|00|11|01|10|01|01|01|10|00|11|01|00| 3.0

10|10|00|10|00|11|00|10|01|01|01|10|01|11|01|00| 2.0

11|10|01|11|00|11|01|00|11|01|01|10|01|11|01|00| 1.0

11|11|00|11|01|01|01|10|11|11|01|11|00|11|01|01| 1.0

11|10|00|10|00|11|01|10|01|01|01|10|01|11|00|00| 0.0

10|10|01|00|00|01|01|10|01|01|01|10|01|01|01|01| 0.0

Generation --> 81

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|11|10|00|01|01|10|01|01|01|10|01|11|01|00| 3.0

11|10|00|10|00|01|01|00|01|01|01|10|01|11|01|10| 3.0

10|10|01|10|00|11|01|10|01|00|01|10|00|11|01|00| 3.0

10|10|01|10|00|01|00|10|00|01|01|10|01|10|01|11| 2.0

10|10|11|10|00|11|01|10|01|01|00|10|01|11|01|00| 1.0

01|10|00|00|00|11|01|00|11|01|01|10|01|11|01|00| 1.0

10|10|01|11|10|11|01|10|01|01|01|10|01|11|01|00| 1.0

11|11|00|11|01|01|01|10|01|11|01|11|00|11|01|00| 1.0

11|10|00|10|00|11|01|11|01|01|01|10|01|11|00|00| 0.0

Generation --> 82

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|01|10|00|11|01|10|01|01|01|10|01|11|01|10| 8.0

11|10|11|10|00|01|01|10|01|01|01|10|01|11|01|00| 3.0

11|10|00|10|00|01|01|00|01|01|01|10|11|11|01|10| 3.0

10|10|01|10|00|01|00|10|00|01|01|10|00|11|01|00| 2.0

10|10|11|10|00|11|01|10|01|01|11|10|01|11|01|00| 1.0

01|10|00|00|00|11|01|10|01|00|01|10|10|11|01|00| 1.0

10|10|00|10|10|11|01|10|01|01|00|10|01|11|01|01| 1.0

11|11|01|11|01|01|01|10|01|01|01|10|00|11|01|00| 1.0

11|10|00|10|00|11|01|11|01|01|01|11|01|11|11|00| 0.0

Generation --> 83

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|01|10|00|11|01|10|01|01|01|00|01|11|01|10| 8.0

10|10|11|10|00|11|01|10|01|01|01|10|01|11|01|10| 8.0

11|10|11|10|00|11|01|11|01|01|01|10|01|11|01|00| 8.0

11|10|00|10|00|01|01|00|01|01|01|11|01|11|01|00| 3.0

10|10|01|10|00|11|11|10|01|01|01|10|01|11|01|10| 2.0

01|00|00|00|00|11|01|10|01|00|01|10|10|11|01|10| 1.0

10|10|00|10|11|11|00|10|01|01|00|10|01|10|01|01| 1.0

11|11|01|11|01|00|01|10|11|01|01|10|00|11|01|00| 1.0

11|10|00|10|00|11|01|11|01|01|01|11|01|11|11|00| 0.0

Generation --> 84

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|11|10|00|11|01|10|01|00|01|10|01|11|01|10| 8.0

11|10|00|10|00|11|01|01|01|01|01|11|01|11|01|00| 8.0

10|10|01|10|00|11|11|10|01|01|01|11|01|11|01|00| 2.0

10|10|01|11|00|11|01|10|01|01|01|10|01|11|01|10| 1.0

11|10|11|10|00|11|01|11|01|01|11|10|01|11|01|10| 1.0

01|00|00|01|00|10|01|10|01|00|01|10|10|11|01|10| 1.0

10|10|00|10|11|11|00|10|01|01|00|10|01|10|01|01| 1.0

01|11|01|11|01|00|01|10|11|01|01|11|00|11|01|00| 1.0

11|10|00|10|00|01|01|11|01|01|01|10|01|11|00|00| 0.0

Generation --> 85

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|01|01|01|01|11|01|11|01|00| 8.0

10|10|11|10|00|11|01|10|01|10|01|10|01|10|01|10| 8.0

10|10|11|10|00|01|01|10|01|00|01|10|01|11|01|10| 3.0

10|00|01|10|00|11|01|10|01|01|01|11|11|11|01|00| 3.0

11|10|01|11|00|11|11|10|01|01|01|10|01|11|01|00| 1.0

01|00|00|00|00|10|01|10|01|00|01|11|01|11|01|00| 1.0

10|10|10|10|11|11|00|10|01|01|00|10|01|11|01|00| 1.0

01|10|00|10|00|11|01|10|01|00|01|10|01|10|00|00| 0.0

11|10|00|10|00|01|01|11|01|01|01|10|01|11|00|00| 0.0

Generation --> 86

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|11|10|00|11|01|10|01|11|01|11|01|11|01|00| 8.0

10|00|01|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|11|00|10|00|01|01|10|01|01|01|10|01|11|01|00| 3.0

11|10|00|10|00|11|01|01|01|01|01|11|00|11|01|01| 3.0

11|10|01|11|00|11|11|10|01|01|01|10|01|11|01|00| 1.0

01|00|00|00|00|11|01|10|11|01|01|11|11|11|01|00| 1.0

10|10|10|10|11|11|00|10|01|01|00|10|01|11|01|10| 1.0

10|10|11|10|00|01|01|11|01|00|11|10|01|11|11|10| 0.0

01|10|00|10|00|01|01|11|01|01|01|10|00|10|01|10| 0.0

Generation --> 87

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|11|10|00|11|01|10|01|11|01|11|01|11|01|00| 8.0

10|10|11|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|11|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|01|00|10|00|10|01|10|01|11|01|10|01|11|01|10| 3.0

10|00|01|10|00|11|01|10|01|01|01|11|00|11|01|01| 3.0

01|11|00|10|01|01|01|11|01|01|01|10|01|11|01|10| 3.0

11|10|00|11|00|11|01|11|01|01|01|11|00|11|01|01| 1.0

11|10|01|11|00|11|11|10|01|01|01|11|01|11|01|00| 1.0

00|00|00|00|00|11|01|10|11|01|01|10|01|11|01|00| 1.0

Generation --> 88

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|11|10|00|11|01|10|00|11|01|11|01|11|01|00| 8.0

10|00|01|10|10|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|01|00|10|00|10|01|10|01|11|01|10|01|11|01|00| 3.0

01|11|01|10|01|01|01|11|01|01|01|10|01|11|01|00| 3.0

10|10|11|10|00|11|01|10|01|11|00|10|01|11|01|00| 1.0

11|10|00|11|00|11|01|10|01|11|01|11|01|11|01|00| 1.0

11|10|01|11|00|11|11|10|01|01|01|01|01|11|01|00| 1.0

00|00|00|00|00|11|00|10|11|01|01|11|01|11|01|01| 1.0

10|11|11|10|00|11|01|10|01|01|01|10|01|11|00|00| 0.0

Generation --> 89

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|11|10|00|11|01|10|00|01|01|10|01|11|01|00| 8.0

10|11|11|10|00|11|01|10|01|11|01|11|01|11|01|00| 8.0

10|01|00|10|00|10|01|10|11|11|01|10|00|11|01|00| 3.0

00|11|01|10|01|01|01|11|01|01|01|10|01|11|01|00| 3.0

10|00|01|10|10|11|11|10|00|11|01|01|01|11|01|00| 2.0

10|10|00|00|00|11|01|10|01|01|01|10|01|11|01|00| 1.0

11|10|00|01|00|11|01|10|01|11|01|10|01|11|01|00| 1.0

11|10|01|11|00|11|01|10|00|11|01|11|01|11|01|00| 1.0

00|00|00|00|00|11|00|10|10|01|01|11|01|11|01|00| 1.0

Generation --> 90

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|11|10|00|11|01|10|01|11|01|10|01|11|01|00| 8.0

10|10|11|10|01|11|01|10|00|01|01|10|01|11|01|00| 8.0

10|10|11|10|00|11|01|10|01|01|01|10|00|11|01|00| 3.0

10|01|00|10|00|10|01|10|11|11|01|00|00|11|01|00| 3.0

10|00|01|10|10|11|11|10|00|11|01|10|01|11|01|00| 2.0

11|00|01|10|10|11|11|10|00|11|01|01|01|11|01|00| 2.0

00|11|11|01|01|01|01|11|01|01|01|10|01|11|01|00| 1.0

10|10|11|10|00|11|00|10|10|01|01|11|01|11|00|00| 0.0

00|00|00|00|00|11|01|10|01|11|01|11|01|10|01|00| 0.0

Generation --> 91

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|11|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|11|10|10|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|11|10|00|11|01|10|01|11|01|10|01|11|01|00| 8.0

10|10|11|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|00|01|10|10|11|11|10|00|11|01|10|01|11|01|00| 2.0

11|00|01|10|10|11|11|10|01|01|01|10|01|11|01|01| 2.0

00|11|11|01|00|01|01|11|11|01|01|10|01|11|01|00| 1.0

00|00|00|00|00|11|11|10|01|11|01|10|01|11|01|00| 1.0

10|01|00|00|00|10|01|10|01|11|01|10|01|10|00|00| 0.0

Generation --> 92

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|11|10|10|11|01|10|01|01|01|10|01|11|01|10| 8.0

10|10|11|10|00|11|01|10|11|01|01|10|01|11|01|00| 8.0

10|00|01|10|00|11|11|10|00|11|01|10|01|11|01|11| 2.0

11|01|01|10|10|11|11|10|01|01|01|10|01|11|01|00| 2.0

10|10|11|10|00|11|11|10|01|01|11|10|01|11|01|00| 1.0

10|10|11|11|00|11|01|10|01|11|01|10|01|11|01|00| 1.0

10|10|11|01|01|11|01|11|01|01|01|10|01|11|01|00| 1.0

00|00|11|10|10|11|01|10|01|01|01|10|01|11|00|00| 0.0

00|11|11|00|00|01|01|01|11|01|01|10|01|01|01|00| 0.0

Generation --> 93

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|11|11|10|10|11|01|10|01|01|01|10|11|11|01|10| 3.0

10|00|11|10|00|10|01|10|11|01|01|10|01|11|01|00| 3.0

10|00|01|10|00|11|11|00|00|11|01|10|01|11|01|10| 2.0

11|01|00|10|10|11|11|10|01|01|01|10|01|11|01|00| 2.0

10|11|11|10|00|11|11|10|01|01|01|10|01|11|01|00| 2.0

10|10|11|01|00|11|01|00|01|11|00|10|01|11|01|10| 1.0

00|11|11|00|10|11|11|10|01|01|01|10|01|11|01|00| 1.0

00|00|11|10|10|11|01|10|11|01|01|10|00|11|00|00| 0.0

10|10|01|01|01|11|01|10|01|01|01|10|01|11|11|00| 0.0

Generation --> 94

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|11|11|10|10|11|01|10|01|01|01|10|11|11|01|00| 3.0

10|00|11|10|00|10|01|10|11|01|01|10|01|11|01|00| 3.0

01|01|00|10|01|10|11|10|01|01|01|10|01|11|01|00| 2.0

10|11|11|10|00|11|11|10|01|01|01|10|01|11|01|00| 2.0

10|10|11|01|00|11|01|00|01|11|00|11|01|11|01|00| 1.0

00|11|11|00|10|11|11|10|11|01|01|10|01|11|01|00| 1.0

10|00|01|01|01|11|00|10|01|01|11|10|01|11|01|00| 1.0

10|00|11|10|00|11|11|00|00|11|01|10|01|01|01|10| 0.0

10|11|11|10|00|11|11|10|01|01|01|10|01|11|00|00| 0.0

Generation --> 95

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|11|11|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|01|11|10|00|10|01|10|11|01|01|11|01|11|01|00| 3.0

01|01|00|10|01|10|11|10|01|11|01|10|00|11|01|00| 2.0

10|11|11|10|00|11|11|10|01|01|01|10|01|11|01|00| 2.0

10|10|11|00|00|11|01|00|01|11|00|11|11|11|01|00| 1.0

00|11|11|00|00|11|01|10|11|01|11|10|11|11|01|00| 1.0

00|00|01|01|01|11|10|10|01|01|11|10|01|11|01|00| 1.0

10|11|00|10|01|10|11|10|01|01|01|10|01|01|10|00| 0.0

10|11|11|10|00|11|11|10|00|01|01|10|11|01|01|01| 0.0

Generation --> 96

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|10|10|10|11|01|10|01|01|01|10|01|10|01|00| 8.0

10|11|11|10|01|11|00|10|01|01|01|10|01|11|01|00| 2.0

00|01|11|10|00|10|01|00|11|01|11|11|11|11|01|00| 1.0

01|01|00|10|01|10|11|10|01|11|00|10|01|11|01|00| 1.0

10|11|11|10|00|10|11|10|01|01|11|10|01|11|01|00| 1.0

10|10|11|00|00|11|01|00|00|01|11|10|01|11|01|00| 1.0

00|11|11|00|00|11|11|10|11|01|01|11|01|11|01|10| 1.0

00|00|01|01|01|11|10|10|01|01|11|10|01|11|01|00| 1.0

10|11|00|10|11|11|11|10|01|11|01|10|01|01|10|00| 0.0

Generation --> 97

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|00|01|01|01|10|01|11|01|00| 8.0

10|11|11|10|01|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|01|11|10|00|10|01|00|11|01|01|10|01|11|01|00| 3.0

01|01|00|10|01|10|11|10|01|01|01|10|01|10|01|00| 2.0

10|11|11|00|00|10|10|10|01|01|01|10|01|10|01|10| 1.0

10|10|11|00|00|01|01|00|01|01|01|10|01|11|01|00| 1.0

00|11|10|10|00|11|11|00|01|01|00|10|01|11|01|00| 1.0

00|10|01|00|01|01|10|00|01|01|11|10|01|11|01|00| 1.0

10|11|00|10|10|11|11|11|01|11|01|10|01|01|10|00| 0.0

Generation --> 98

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|01|10|00|11|01|00|01|01|01|10|01|11|01|00| 8.0

10|11|11|10|11|10|01|10|01|01|01|10|01|11|01|00| 3.0

00|01|11|10|00|10|01|00|11|01|01|10|00|11|01|00| 3.0

01|01|00|10|01|10|11|10|01|01|01|10|01|10|01|00| 2.0

10|11|11|00|00|10|10|10|01|01|01|10|01|10|01|00| 1.0

10|00|11|00|00|01|01|00|01|01|01|10|01|11|01|00| 1.0

00|11|10|10|00|10|11|10|01|11|00|10|11|11|01|00| 1.0

10|10|11|00|00|00|01|00|01|01|01|11|01|11|00|11| 0.0

00|11|11|10|10|01|10|11|01|11|01|10|01|01|10|00| 0.0

Generation --> 99

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|01|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|01|10|00|11|01|00|01|01|01|10|01|11|01|00| 8.0

10|11|11|10|11|10|01|10|01|01|01|10|01|11|01|00| 3.0

01|00|00|10|11|10|11|10|01|01|01|10|00|11|01|00| 2.0

00|11|11|10|01|10|11|10|01|01|01|10|01|10|01|00| 2.0

10|00|11|00|00|01|01|00|01|01|01|10|01|11|01|00| 1.0

00|11|10|10|00|10|11|00|01|11|00|10|11|11|01|00| 1.0

00|01|11|10|00|00|01|00|11|01|01|10|01|01|01|00| 0.0

10|10|11|00|00|01|01|00|01|01|01|11|01|11|00|11| 0.0

Generation --> 100

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|00|01|01|01|10|01|11|01|00| 8.0

10|11|11|10|01|11|01|00|11|01|01|10|01|11|01|00| 8.0

10|10|01|10|00|01|01|10|01|01|01|00|01|11|01|00| 3.0

01|00|00|10|11|10|11|10|01|01|01|10|01|10|01|00| 2.0

10|10|11|10|11|10|01|10|11|01|11|10|00|11|01|10| 1.0

10|11|11|00|00|01|01|10|01|01|11|10|01|11|01|00| 1.0

00|11|11|10|01|10|11|10|01|01|01|10|00|10|11|00| 0.0

00|11|10|10|00|10|11|00|01|11|00|10|11|11|11|00| 0.0

00|01|11|10|00|00|00|00|11|01|01|10|01|01|01|00| 0.0

Generation --> 101

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|00|10|00|11|01|10|01|01|01|10|01|10|01|00| 8.0

10|11|11|10|01|11|01|00|11|01|01|10|01|11|01|00| 8.0

10|10|01|10|00|01|01|10|01|01|01|10|01|11|01|00| 3.0

01|00|00|10|11|10|11|10|00|01|01|10|00|10|01|00| 2.0

00|01|11|10|00|00|00|00|11|01|01|10|01|11|01|00| 2.0

10|10|11|10|11|10|01|10|11|01|11|10|01|11|01|00| 1.0

10|11|11|00|00|01|01|10|01|01|11|10|00|11|01|00| 1.0

00|11|11|10|01|10|11|00|00|01|01|10|00|10|11|00| 0.0

00|11|10|10|00|10|11|00|01|11|00|10|11|11|11|00| 0.0

Generation --> 102

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|01|10|00|01|01|10|01|01|01|10|01|11|01|00| 3.0

00|01|01|10|00|10|11|00|00|01|01|10|01|11|01|00| 2.0

10|11|11|00|00|01|01|10|01|01|11|10|00|10|01|00| 1.0

10|10|11|10|10|10|01|10|11|01|11|10|01|10|01|00| 1.0

10|11|11|00|01|01|01|10|11|01|01|10|01|11|01|00| 1.0

11|10|00|10|00|11|01|10|01|01|01|10|01|10|11|00| 0.0

01|00|00|10|11|10|11|10|00|01|01|10|00|00|01|00| 0.0

00|01|11|10|01|00|00|01|11|01|01|11|11|10|01|00| 0.0

00|11|10|10|00|10|11|00|01|11|00|10|11|10|01|00| 0.0

Generation --> 103

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|01|10|00|01|01|11|01|01|01|10|01|11|01|00| 3.0

00|01|01|10|00|10|11|00|00|01|01|10|01|11|01|00| 2.0

00|01|11|10|01|00|00|01|11|00|01|11|11|11|01|00| 2.0

10|10|11|00|10|10|01|10|01|01|01|10|01|11|01|00| 1.0

11|10|11|00|00|01|01|10|11|01|01|10|11|11|01|00| 1.0

10|11|10|00|01|01|11|10|11|01|01|10|01|11|01|00| 1.0

11|10|00|10|00|11|01|10|01|01|11|10|01|10|11|00| 0.0

01|00|00|10|11|10|11|10|00|01|01|10|00|01|01|00| 0.0

00|11|10|10|00|10|11|00|01|11|00|11|11|10|00|00| 0.0

Generation --> 104

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|01|11|10|01|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|01|10|00|01|01|11|01|01|01|10|01|11|01|00| 3.0

00|11|01|10|00|10|11|00|00|11|01|10|01|11|01|00| 2.0

01|00|00|10|11|11|11|11|01|01|01|10|01|11|01|00| 2.0

11|10|00|10|00|11|01|01|11|00|11|01|11|11|01|01| 1.0

10|10|11|00|10|10|01|10|01|01|01|10|00|11|01|00| 1.0

11|01|11|00|00|10|11|00|00|00|01|10|00|11|01|00| 1.0

00|10|10|10|00|10|11|00|01|11|10|10|01|11|01|00| 1.0

10|11|10|00|11|01|11|10|11|01|01|11|01|11|00|00| 0.0

Generation --> 105

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|01|11|10|01|11|01|10|01|01|01|00|01|11|01|00| 8.0

10|10|01|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|00|10|10|10|11|00|00|11|01|10|11|11|01|00| 2.0

01|00|00|11|01|11|01|10|01|01|01|10|01|11|01|00| 1.0

10|10|00|10|00|10|11|00|01|11|00|10|01|11|01|00| 1.0

10|10|10|10|00|11|01|11|11|00|11|01|01|11|01|01| 1.0

11|01|11|00|01|11|01|10|01|01|01|10|01|11|01|00| 1.0

00|10|10|10|00|10|11|00|00|11|10|10|01|11|01|00| 1.0

10|11|10|00|11|01|11|10|11|01|01|11|01|11|00|00| 0.0

Generation --> 106

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|01|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|10|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|10|10|01|10|11|00|00|11|01|10|01|11|01|00| 2.0

01|10|00|11|01|11|00|10|00|01|01|00|01|11|01|00| 1.0

10|10|00|10|00|10|11|00|01|11|00|10|01|11|01|00| 1.0

11|01|11|00|01|11|01|10|00|11|01|00|11|11|01|00| 1.0

11|11|11|00|11|01|11|11|11|01|01|00|01|11|01|00| 1.0

00|01|11|10|01|11|01|10|01|01|01|00|01|11|00|10| 0.0

11|10|01|10|00|01|01|10|01|01|01|10|01|01|01|00| 0.0

Generation --> 107

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|01|10|00|11|01|10|01|01|01|10|01|11|01|10| 8.0

11|11|01|10|00|01|01|10|01|01|01|10|01|11|01|00| 3.0

10|10|10|10|00|11|01|10|01|01|11|10|01|11|01|00| 1.0

00|01|11|10|00|11|00|10|01|01|00|10|10|11|01|00| 1.0

01|00|00|11|01|11|00|10|00|01|01|10|01|11|01|00| 1.0

00|10|10|10|00|11|01|10|01|01|01|10|01|11|11|00| 0.0

10|10|00|10|00|10|11|00|01|11|00|10|01|10|01|00| 0.0

11|01|11|01|01|11|01|10|00|11|01|00|11|11|11|00| 0.0

10|11|01|00|11|01|11|11|11|11|01|10|01|11|00|00| 0.0

Generation --> 108

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|01|10|00|10|01|10|01|11|01|10|01|11|01|00| 3.0

10|10|00|10|00|10|01|10|01|01|01|10|01|11|01|00| 3.0

11|10|10|10|10|11|01|10|01|01|01|10|00|11|01|00| 3.0

10|10|00|10|00|10|11|01|01|11|00|00|01|11|01|00| 1.0

00|01|11|00|00|11|01|10|01|01|11|10|01|10|01|00| 1.0

00|10|00|10|00|11|01|00|01|01|00|10|10|11|01|00| 1.0

10|11|11|00|11|11|01|11|01|00|01|10|01|11|01|00| 1.0

01|00|00|11|01|11|00|10|00|01|11|10|01|11|10|00| 0.0

11|01|11|01|01|11|01|10|00|11|01|00|11|11|11|00| 0.0

Generation --> 109

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|01|10|00|10|01|10|01|11|01|10|01|11|01|00| 3.0

10|10|00|10|00|10|01|10|01|01|01|10|01|11|01|00| 3.0

00|00|00|10|00|10|01|00|01|01|01|10|01|11|01|00| 3.0

10|10|00|10|00|10|11|01|01|11|00|10|00|11|01|00| 1.0

00|10|00|10|00|11|01|00|01|01|00|10|00|11|01|00| 1.0

01|00|00|11|00|11|01|10|01|01|01|10|01|11|01|00| 1.0

10|10|01|10|00|10|01|10|01|11|01|10|01|11|00|00| 0.0

11|01|11|01|01|11|01|11|00|11|01|00|01|11|11|00| 0.0

Generation --> 110

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|00|00|10|00|11|01|00|01|00|01|11|01|11|01|00| 8.0

10|10|01|10|00|10|01|10|01|11|01|10|01|11|01|00| 3.0

10|10|00|10|00|10|01|10|01|00|01|10|01|11|01|00| 3.0

11|10|00|11|00|11|00|10|01|01|01|10|01|11|01|00| 1.0

10|10|01|00|01|10|01|10|01|01|01|10|01|11|01|00| 1.0

00|10|00|10|01|11|01|00|01|11|00|10|00|11|01|00| 1.0

01|00|00|11|00|11|11|10|01|01|00|11|01|11|01|00| 1.0

11|01|11|01|00|11|01|11|00|11|01|10|01|11|01|00| 1.0

10|10|00|11|00|10|10|01|01|11|00|10|00|01|01|00| 0.0

Generation --> 111

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|00|01|00|01|01|01|11|01|00| 8.0

10|10|00|10|01|11|01|10|01|00|01|00|01|11|01|00| 8.0

00|00|00|10|00|11|01|00|01|00|01|11|01|11|01|00| 8.0

10|10|01|11|00|11|01|10|01|01|01|10|11|11|01|00| 3.0

10|10|01|10|00|10|01|00|01|11|01|10|01|11|01|00| 3.0

10|10|01|00|01|10|01|10|01|01|01|10|01|11|01|00| 1.0

01|00|00|11|00|11|11|10|01|01|00|11|01|11|01|00| 1.0

00|10|00|10|00|11|01|00|01|00|01|11|01|11|00|00| 0.0

11|01|11|01|00|11|01|11|00|00|01|10|01|00|01|00| 0.0

Generation --> 112

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|00|10|01|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|01|01|00|01|11|01|11|01|00| 8.0

10|10|00|10|01|10|01|10|01|00|01|00|01|11|01|00| 3.0

10|10|01|10|00|10|11|00|01|01|01|10|01|11|01|00| 2.0

00|00|00|11|00|11|01|00|01|00|01|01|01|11|01|00| 1.0

10|10|01|11|00|01|01|10|01|01|01|10|11|11|01|00| 1.0

01|00|00|11|00|11|11|00|01|00|01|11|01|11|01|00| 1.0

00|11|00|11|01|10|01|10|01|00|01|00|00|11|00|00| 0.0

10|01|11|01|01|11|01|11|00|00|01|10|01|01|01|00| 0.0

Generation --> 113

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|01|11|01|01|01|00|01|11|01|11|01|00| 8.0

00|10|01|10|00|10|11|00|01|01|01|10|01|11|01|00| 2.0

00|00|00|11|00|11|01|00|01|00|01|01|00|11|01|00| 1.0

00|10|01|11|01|11|01|10|01|01|01|10|01|11|01|00| 1.0

00|11|00|11|01|10|01|10|01|00|01|00|01|11|01|00| 1.0

10|01|00|00|00|10|11|00|01|01|01|10|01|11|01|01| 1.0

00|10|00|10|11|01|01|10|01|01|01|11|01|11|00|00| 0.0

01|00|00|11|10|11|11|00|01|00|01|11|01|01|01|00| 0.0

Generation --> 114

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|00|01|01|01|10|01|11|01|00| 8.0

00|10|00|10|01|11|01|11|11|01|01|11|00|11|01|00| 3.0

00|00|01|10|01|10|11|00|01|01|01|10|01|11|01|00| 2.0

01|00|00|11|00|11|01|10|01|01|01|10|01|11|01|00| 1.0

10|01|00|00|00|10|11|00|01|01|01|10|01|11|01|00| 1.0

10|10|01|10|01|11|01|10|01|00|01|10|01|11|11|00| 0.0

00|10|00|10|00|11|01|10|01|01|01|10|01|01|01|00| 0.0

00|10|01|11|01|11|01|10|00|01|01|00|00|11|00|00| 0.0

01|00|00|11|10|11|11|00|01|00|01|11|01|01|00|00| 0.0

Generation --> 115

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|01|10|10|11|01|00|00|01|01|00|01|11|01|00| 8.0

00|10|00|10|00|11|01|00|01|01|01|10|11|11|01|00| 3.0

00|11|00|10|01|11|01|11|11|01|01|11|11|11|01|00| 3.0

01|10|00|10|01|11|01|11|11|01|01|11|00|11|01|01| 3.0

11|00|00|11|00|11|01|10|01|01|01|10|01|10|01|00| 1.0

10|01|10|00|00|10|01|00|01|01|00|10|11|11|01|00| 1.0

00|10|01|11|01|11|01|00|01|01|01|10|01|11|01|00| 1.0

10|10|11|10|01|11|01|10|01|01|01|10|01|11|00|00| 0.0

00|00|01|10|01|00|11|00|11|01|01|10|01|11|11|10| 0.0

Generation --> 116

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|11|10|10|10|11|01|00|01|01|01|00|01|11|01|01| 8.0

10|10|11|10|01|11|01|10|01|11|01|00|11|11|01|00| 3.0

10|01|00|10|01|11|01|11|10|01|01|11|11|11|01|00| 3.0

00|00|10|10|01|00|11|10|11|01|01|10|01|10|01|00| 2.0

10|10|01|11|11|11|01|10|00|01|01|11|10|11|01|01| 1.0

00|10|01|11|01|11|11|00|01|00|00|10|01|11|01|00| 1.0

01|10|10|10|00|11|01|00|00|11|01|00|01|10|01|00| 0.0

00|10|00|10|00|11|01|11|11|01|01|11|00|11|00|01| 0.0

01|10|00|11|00|10|01|10|01|01|01|10|01|10|11|00| 0.0

Generation --> 117

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|11|10|10|11|11|01|00|01|01|01|00|11|11|01|01| 3.0

00|11|00|10|10|01|01|10|01|01|01|00|11|11|01|00| 3.0

10|01|00|10|01|11|01|11|10|11|01|11|11|11|01|00| 3.0

00|10|00|10|00|11|01|11|01|01|01|11|11|11|01|00| 3.0

01|11|00|00|00|11|00|10|01|00|01|10|01|11|01|00| 1.0

10|10|01|11|11|11|01|10|01|01|01|10|01|11|01|00| 1.0

00|10|01|11|01|11|11|00|11|01|01|00|01|11|01|01| 1.0

10|10|10|11|01|11|01|10|01|11|01|10|01|01|01|00| 0.0

00|01|10|10|01|00|11|10|11|01|01|00|01|10|01|00| 0.0

Generation --> 118

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|11|10|10|11|11|01|00|01|11|01|11|01|11|01|00| 8.0

10|01|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|00|10|00|11|01|11|01|01|01|10|01|11|01|00| 8.0

00|10|00|10|10|01|01|10|01|01|01|00|11|11|01|00| 3.0

00|01|10|10|00|11|01|11|01|01|01|11|11|11|01|00| 3.0

00|10|01|11|01|11|11|00|01|00|01|00|11|11|01|00| 2.0

11|11|00|00|00|10|10|11|01|01|01|11|11|11|01|00| 1.0

10|10|01|11|11|11|01|10|00|01|01|10|01|11|01|00| 1.0

10|10|10|11|01|11|01|10|01|11|01|10|01|00|01|01| 0.0

Generation --> 119

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|11|10|10|11|11|01|00|01|01|01|11|01|11|01|00| 8.0

10|01|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|00|10|00|11|01|11|01|01|01|10|01|11|01|00| 8.0

10|01|10|10|00|10|01|11|01|01|01|10|01|11|01|00| 3.0

00|10|00|10|01|01|01|10|00|01|01|00|10|11|01|00| 3.0

00|10|01|01|01|11|11|00|01|00|01|00|11|11|01|00| 1.0

11|11|00|01|00|10|00|11|01|00|01|11|11|11|01|00| 1.0

10|10|00|10|00|11|01|11|01|01|01|10|01|01|01|00| 0.0

10|10|10|11|01|11|01|10|01|01|01|10|01|11|11|00| 0.0

Generation --> 120

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|00|00|10|00|11|01|11|01|01|01|10|01|11|01|00| 8.0

10|01|10|10|11|11|01|00|01|01|01|11|00|11|01|00| 3.0

10|01|10|10|00|10|11|10|01|01|01|10|01|11|01|00| 2.0

00|11|11|10|10|11|01|00|11|01|11|10|01|11|01|00| 1.0

10|10|00|00|00|11|01|11|01|01|01|00|10|11|01|00| 1.0

00|10|01|01|01|11|11|00|01|00|01|00|10|11|01|00| 1.0

11|11|00|00|00|10|00|11|11|00|01|11|11|11|01|00| 1.0

00|10|00|10|00|11|10|00|01|00|01|10|11|01|01|00| 0.0

10|10|10|11|01|01|01|10|01|01|01|10|01|11|11|00| 0.0

Generation --> 121

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|00|00|10|00|11|01|11|11|11|01|10|01|11|01|10| 8.0

10|01|10|10|00|11|01|11|01|01|01|10|01|11|01|01| 8.0

00|01|11|10|11|11|01|00|01|01|01|11|00|11|01|00| 3.0

11|11|00|10|11|11|01|00|01|01|01|01|00|11|01|00| 3.0

10|01|10|10|00|10|11|10|01|01|01|10|01|11|01|10| 2.0

10|10|00|00|00|01|01|11|01|01|01|00|00|11|01|10| 1.0

00|10|01|01|11|11|01|00|01|00|01|00|10|11|01|00| 1.0

10|10|10|11|01|01|01|11|01|01|01|10|01|11|01|00| 1.0

10|10|00|10|00|10|10|00|01|00|01|10|11|01|01|00| 0.0

Generation --> 122

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|01|10|10|00|11|01|11|10|11|01|10|01|11|01|00| 8.0

00|00|00|10|00|11|01|11|11|11|01|10|01|11|01|11| 8.0

10|10|01|10|00|11|01|11|01|01|01|10|01|11|01|00| 8.0

00|01|10|10|00|11|00|10|01|01|01|10|01|11|01|00| 2.0

00|00|00|10|00|11|01|11|11|11|11|10|01|11|01|10| 1.0

10|10|00|00|00|01|01|11|01|11|01|10|01|11|01|10| 1.0

00|10|00|01|11|11|01|00|01|00|01|10|01|11|01|01| 1.0

10|01|10|10|00|11|01|11|01|01|01|10|01|01|01|01| 0.0

11|11|00|10|01|11|01|00|00|01|01|10|01|01|00|01| 0.0

Generation --> 123

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|00|00|10|00|11|01|11|01|01|01|10|01|11|01|00| 8.0

10|10|01|10|10|11|01|11|10|11|01|10|01|11|01|00| 8.0

10|01|10|10|00|11|01|11|01|01|01|10|01|11|01|00| 8.0

10|01|10|10|00|11|01|11|11|11|01|10|11|11|01|11| 3.0

00|00|00|10|00|11|11|11|11|01|01|10|01|11|01|11| 2.0

00|01|10|10|00|11|00|10|01|01|01|10|01|11|01|00| 2.0

10|10|00|00|00|01|00|11|01|11|01|11|01|11|01|10| 1.0

00|10|00|01|11|11|01|00|01|00|01|10|01|11|01|00| 1.0

11|11|00|10|01|11|01|10|01|01|00|10|01|11|00|00| 0.0

Generation --> 124

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|01|11|10|00|11|01|11|01|01|01|10|01|11|01|00| 8.0

10|00|00|10|01|11|01|11|01|01|01|10|11|11|01|00| 3.0

10|01|10|10|00|11|11|11|11|01|01|10|01|11|01|00| 2.0

00|00|10|10|00|10|11|10|11|01|01|10|01|11|01|01| 2.0

11|10|00|00|00|01|00|11|01|11|01|11|11|11|01|00| 1.0

00|00|01|01|11|11|01|00|01|00|01|10|01|11|01|01| 1.0

10|10|01|00|10|01|01|11|10|11|01|10|11|10|01|00| 0.0

10|00|00|10|00|01|00|11|01|01|01|10|01|11|00|00| 0.0

11|11|00|10|01|11|01|10|01|01|00|10|11|11|00|00| 0.0

Generation --> 125

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|00|10|10|00|11|01|11|11|01|01|10|01|11|01|01| 8.0

11|01|11|10|00|11|11|10|01|01|01|10|01|11|01|00| 2.0

10|00|00|10|00|01|00|11|01|11|01|10|01|11|01|00| 2.0

11|10|10|10|00|10|11|10|11|01|01|10|01|11|01|01| 2.0

10|00|01|11|01|10|01|11|01|01|01|10|11|11|01|00| 1.0

11|10|00|00|00|01|00|11|01|11|01|11|11|11|01|01| 1.0

00|00|01|01|11|11|01|00|01|10|01|10|01|11|01|01| 1.0

10|01|11|10|00|11|01|10|01|01|01|10|01|11|11|00| 0.0

10|10|01|00|00|01|01|11|10|11|01|10|11|10|01|00| 0.0

Generation --> 126

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|01|11|10|10|11|00|10|01|01|01|10|01|11|01|01| 2.0

10|00|01|10|00|01|00|11|01|11|01|10|01|11|01|00| 2.0

11|10|10|10|00|10|11|10|11|01|01|10|01|10|01|01| 2.0

10|01|11|10|00|11|11|10|01|11|01|10|01|11|01|00| 2.0

10|00|01|11|01|10|00|11|11|10|01|10|01|11|01|00| 1.0

00|00|01|01|10|11|01|00|01|11|01|00|11|11|01|00| 1.0

10|10|01|00|00|01|11|10|01|01|01|10|01|11|01|00| 1.0

00|00|10|10|00|11|11|11|10|01|01|10|01|01|01|01| 0.0

11|01|11|10|00|11|11|10|01|01|01|10|01|01|01|01| 0.0

Generation --> 127

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|11|11|10|10|11|00|10|01|01|01|10|01|11|01|00| 2.0

11|10|10|11|00|10|11|11|11|11|01|10|01|11|01|00| 1.0

10|00|01|11|01|10|00|10|01|11|01|10|01|11|01|00| 1.0

00|00|01|01|10|10|01|10|01|00|01|00|01|11|01|00| 1.0

01|00|01|00|00|11|11|10|01|01|01|01|01|11|01|00| 1.0

10|01|11|10|00|11|11|10|01|11|01|10|01|11|11|01| 0.0

11|01|11|10|00|10|11|00|11|10|01|10|01|11|00|00| 0.0

10|10|00|00|00|01|01|11|00|01|01|10|01|10|01|01| 0.0

10|00|01|10|00|01|00|11|01|01|01|10|01|10|01|01| 0.0

Generation --> 128

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|11|10|00|10|00|10|01|01|01|10|01|11|01|00| 2.0

10|00|01|10|10|11|00|00|11|01|01|10|01|11|01|00| 2.0

01|01|11|10|00|10|11|00|11|10|01|10|01|11|01|00| 2.0

11|10|10|11|00|10|11|11|11|11|01|10|01|11|01|00| 1.0

10|00|01|01|10|10|11|10|01|00|01|10|01|11|01|00| 1.0

01|00|01|10|00|11|10|10|01|01|11|10|01|11|11|00| 0.0

10|10|00|00|00|11|11|10|11|01|01|01|01|11|00|00| 0.0

10|00|11|10|00|11|10|10|01|11|01|10|01|01|11|01| 0.0

10|00|01|11|00|01|00|11|00|00|01|00|01|10|01|01| 0.0

Generation --> 129

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|10|10|00|10|00|00|01|01|01|10|01|11|01|00| 2.0

01|01|11|10|00|10|11|00|11|10|01|10|01|11|01|00| 2.0

10|10|10|10|00|10|11|00|11|10|01|11|01|11|01|00| 2.0

10|00|11|10|00|11|10|10|01|11|01|10|01|11|01|00| 2.0

11|10|10|11|00|10|11|11|11|01|01|10|01|11|01|00| 1.0

10|00|01|01|10|10|11|00|11|10|01|10|01|11|01|00| 1.0

10|00|01|11|00|01|00|11|00|00|01|10|01|11|01|00| 1.0

01|00|11|10|00|11|10|10|01|00|11|11|01|10|01|01| 0.0

10|00|01|10|10|11|00|00|11|01|01|11|11|11|11|01| 0.0

Generation --> 130

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|10|10|00|11|10|10|01|11|01|10|01|11|01|00| 2.0

10|10|10|10|00|10|11|10|01|11|01|10|01|11|01|00| 2.0

01|00|11|10|01|11|10|00|11|10|01|10|01|11|01|00| 2.0

10|00|01|10|10|10|11|00|11|10|01|10|01|11|01|00| 2.0

10|00|11|10|00|01|00|01|00|00|01|10|01|11|01|00| 2.0

01|01|10|11|00|10|11|00|11|10|00|10|01|11|01|00| 1.0

11|10|10|11|00|10|11|11|11|01|00|11|01|11|01|00| 1.0

10|00|01|01|10|10|11|00|11|00|01|10|01|11|01|00| 1.0

00|00|11|10|00|11|11|10|01|01|01|10|01|11|11|00| 0.0

Generation --> 131

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|01|01|11|01|01|01|10|11|11|01|00| 3.0

11|10|10|10|00|11|10|10|01|01|01|10|01|11|01|00| 2.0

00|00|11|10|00|11|11|10|01|01|01|10|01|11|01|00| 2.0

10|10|10|10|00|10|01|10|01|11|11|10|01|11|01|00| 1.0

10|00|01|11|10|10|10|01|00|00|01|10|01|11|01|00| 1.0

10|00|00|01|10|10|11|01|11|00|01|10|01|11|01|00| 1.0

01|10|11|10|00|11|10|10|01|11|01|10|00|01|01|00| 0.0

10|00|01|10|00|01|00|01|00|00|01|10|01|11|11|00| 0.0

10|10|10|11|00|00|11|11|11|01|00|00|01|00|01|10| 0.0

Generation --> 132

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|10|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|00|00|10|00|11|01|10|11|01|01|00|01|11|01|00| 8.0

11|10|10|10|00|11|01|11|01|01|01|10|00|11|01|00| 3.0

10|10|00|10|00|01|01|11|01|01|01|10|11|11|01|00| 3.0

00|00|11|10|00|11|11|10|01|01|01|10|01|11|01|00| 2.0

10|00|01|11|11|10|10|01|00|00|01|10|00|11|01|00| 1.0

10|10|10|01|10|10|11|01|11|00|01|10|01|11|01|00| 1.0

01|10|11|10|00|11|10|10|01|11|01|10|00|01|01|00| 0.0

10|00|01|10|00|01|00|01|00|00|01|10|01|11|11|00| 0.0

Generation --> 133

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|10|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|00|00|10|00|11|01|10|11|01|01|01|01|11|01|00| 8.0

11|10|10|10|00|11|01|11|01|01|01|10|01|11|01|00| 8.0

10|00|01|10|10|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|01|01|11|01|01|01|10|11|11|01|00| 3.0

10|10|10|10|00|11|00|00|01|01|01|10|01|11|01|00| 2.0

00|00|11|10|00|11|11|10|01|01|01|10|01|11|01|00| 2.0

01|10|11|10|00|11|10|10|01|11|01|10|01|11|01|00| 2.0

10|00|01|10|01|01|00|11|00|01|01|10|01|01|11|00| 0.0

Generation --> 134

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|10|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|10|10|00|11|01|11|01|01|01|10|01|11|01|00| 8.0

00|00|01|10|10|11|01|10|01|01|01|10|01|10|01|00| 8.0

10|00|01|10|10|11|01|10|01|01|01|00|01|11|01|00| 8.0

01|11|11|10|00|11|01|11|01|00|01|10|01|11|01|00| 8.0

10|11|00|10|00|01|01|11|01|01|01|10|01|11|01|00| 3.0

10|00|01|10|01|11|10|10|01|11|01|10|01|11|01|00| 2.0

10|10|10|00|00|11|01|10|00|01|01|10|01|11|01|00| 1.0

10|10|10|10|00|11|00|00|01|01|01|10|01|10|01|00| 0.0

Generation --> 135

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|00|10|10|01|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|10|10|00|11|01|11|11|00|01|10|01|11|01|00| 8.0

01|11|11|10|00|11|01|11|01|00|01|10|01|11|01|00| 8.0

10|00|01|10|01|01|01|10|01|00|01|00|01|11|01|00| 3.0

10|11|00|10|00|01|01|11|01|01|01|10|00|11|01|00| 3.0

10|00|11|01|00|11|01|11|01|00|01|10|00|11|01|00| 1.0

00|00|01|10|10|11|01|11|01|01|01|10|01|01|01|00| 0.0

10|10|10|00|01|11|01|10|01|01|01|10|01|11|00|00| 0.0

10|10|10|10|10|11|00|00|01|01|01|10|01|10|01|00| 0.0

Generation --> 136

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|01|11|10|01|11|01|01|01|00|01|10|01|11|01|00| 8.0

11|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|11|11|10|00|11|01|11|01|00|01|10|01|11|01|10| 8.0

00|00|11|10|11|11|01|11|01|01|01|10|01|11|01|00| 8.0

10|00|01|10|01|01|01|10|01|01|01|10|01|11|01|00| 3.0

10|11|00|10|00|01|01|01|01|01|01|10|01|11|01|00| 3.0

10|10|00|00|00|11|01|10|01|01|01|10|01|11|01|00| 1.0

00|00|11|01|00|11|01|11|01|00|01|10|00|11|01|00| 1.0

10|10|10|10|00|11|00|00|01|01|01|10|01|10|11|00| 0.0

Generation --> 137

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|01|11|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|11|11|10|00|11|01|01|01|00|01|10|01|11|01|10| 8.0

00|10|11|10|11|11|01|11|01|01|01|10|00|11|01|00| 3.0

10|00|01|10|01|01|01|11|01|01|01|10|01|11|01|00| 3.0

10|10|00|10|00|11|00|00|01|01|01|10|01|11|01|01| 2.0

11|10|00|00|11|11|01|11|00|01|01|10|01|11|01|00| 1.0

00|10|11|01|00|11|01|11|01|00|01|10|01|11|01|00| 1.0

11|10|11|10|11|11|11|11|00|01|01|10|01|11|00|00| 0.0

10|11|00|11|10|01|01|01|01|01|01|10|10|11|11|00| 0.0

Generation --> 138

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|11|10|11|11|01|11|01|01|01|10|01|11|01|01| 8.0

10|00|01|10|01|01|01|10|01|01|01|10|01|11|01|00| 3.0

10|10|00|10|00|11|00|00|01|01|01|10|01|11|01|01| 2.0

11|10|11|10|11|11|11|10|01|01|01|10|01|11|01|01| 2.0

01|11|01|10|00|01|01|01|01|00|11|10|01|11|01|10| 1.0

11|10|00|00|11|11|01|11|00|01|01|10|01|11|01|10| 1.0

00|10|10|01|00|01|01|11|01|00|11|10|01|11|01|00| 1.0

10|11|00|11|10|01|01|00|01|01|01|11|01|11|01|10| 1.0

10|01|11|10|11|11|01|11|01|01|01|10|01|10|01|00| 0.0

Generation --> 139

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|01|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|11|10|11|11|01|10|00|01|01|10|01|11|01|01| 8.0

10|01|11|10|11|11|01|10|01|01|01|10|01|11|01|01| 8.0

10|00|01|10|01|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|00|00|01|01|01|10|01|11|01|01| 2.0

01|11|01|00|00|01|11|10|01|00|01|10|01|11|01|01| 1.0

10|10|00|00|11|11|11|11|00|01|01|10|01|11|01|01| 1.0

10|10|00|00|01|11|01|01|00|01|01|10|01|11|01|10| 1.0

00|10|10|10|11|11|01|11|00|01|01|10|11|11|11|10| 0.0

Generation --> 140

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|01|10|00|11|01|10|01|01|01|00|01|11|01|01| 8.0

00|10|10|10|11|11|01|10|01|01|01|11|01|11|01|01| 8.0

10|11|11|10|11|00|01|10|01|01|01|10|10|11|01|00| 3.0

10|10|00|10|00|10|01|10|01|01|01|10|01|10|01|10| 3.0

11|10|10|00|11|11|01|10|00|01|01|10|01|11|01|01| 1.0

00|11|01|00|01|01|11|10|01|11|01|10|01|11|01|01| 1.0

00|10|00|01|10|11|11|11|00|01|01|10|01|11|01|01| 1.0

10|00|01|10|01|11|11|10|01|01|01|10|01|11|00|00| 0.0

11|10|00|00|11|11|01|10|01|01|01|10|01|01|00|01| 0.0

Generation --> 141

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|01|10|10|11|01|10|01|01|01|11|01|11|01|11| 8.0

00|10|01|10|00|11|00|10|01|01|01|10|11|11|01|00| 2.0

10|11|11|11|11|00|11|10|01|01|01|00|01|11|01|01| 1.0

11|10|10|00|11|11|01|10|00|01|01|11|10|11|01|01| 1.0

10|10|01|00|01|11|01|10|00|01|01|10|01|11|01|00| 1.0

11|10|00|00|11|11|01|10|01|01|11|10|10|11|01|00| 1.0

01|11|00|10|10|11|01|10|01|01|01|10|01|10|00|00| 0.0

10|10|01|00|01|11|01|10|01|01|01|11|01|01|01|01| 0.0

10|10|00|10|00|10|01|10|01|01|01|00|01|10|01|01| 0.0

Generation --> 142

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|01|10|10|11|01|10|01|01|01|11|01|11|01|11| 8.0

01|10|01|10|00|11|01|10|01|01|01|10|01|11|01|11| 8.0

10|10|00|10|00|10|01|10|01|01|01|10|01|11|01|00| 3.0

00|10|00|10|00|11|00|10|01|01|01|10|11|11|01|00| 2.0

10|10|11|10|00|11|00|10|01|01|01|10|11|11|01|00| 2.0

10|11|11|11|11|00|01|10|01|01|01|00|01|11|01|11| 1.0

11|10|10|00|10|11|11|10|01|01|01|11|01|11|01|10| 1.0

11|11|00|10|10|11|01|10|00|01|11|11|01|10|00|01| 0.0

11|10|01|00|01|11|01|11|01|01|01|01|01|01|11|01| 0.0

Generation --> 143

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|00|10|11|11|01|10|01|01|01|11|01|11|01|11| 8.0

11|11|00|10|10|11|01|11|01|00|01|11|01|11|01|01| 8.0

11|10|11|10|10|11|01|10|01|00|01|11|01|11|01|11| 8.0

10|10|00|10|01|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|01|10|00|11|00|10|01|01|01|10|11|11|01|01| 2.0

00|11|00|10|00|11|00|10|01|01|01|10|11|11|01|00| 2.0

10|10|11|10|00|11|00|11|00|01|01|11|11|11|01|11| 2.0

11|10|10|00|10|11|11|10|11|01|01|11|01|11|01|10| 1.0

10|11|11|10|00|11|01|10|01|01|01|10|01|11|11|00| 0.0

Generation --> 144

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|00|10|10|11|01|11|11|00|01|11|01|11|01|01| 8.0

11|10|11|10|00|11|01|10|01|00|01|11|01|11|01|11| 8.0

10|10|11|10|00|11|01|10|00|01|01|10|01|11|01|00| 8.0

00|10|01|10|00|11|00|10|01|01|01|10|01|11|01|11| 2.0

00|11|00|10|00|11|00|11|00|01|01|10|11|11|01|00| 2.0

01|10|10|00|10|11|11|10|01|01|01|11|01|11|01|11| 1.0

10|11|00|10|10|11|01|11|01|00|01|11|01|01|01|01| 0.0

10|10|00|10|01|11|01|10|01|01|01|10|01|11|00|00| 0.0

10|11|11|10|00|10|01|10|01|00|01|11|00|11|00|11| 0.0

Generation --> 145

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|11|10|00|11|01|10|10|01|01|00|01|11|01|00| 8.0

11|10|00|10|10|11|01|10|01|01|01|10|11|11|01|00| 3.0

11|10|11|10|00|10|01|10|00|01|01|10|01|11|01|10| 3.0

10|11|11|10|00|11|01|11|00|00|01|10|00|11|01|00| 3.0

10|11|11|10|00|10|01|00|01|00|01|11|11|11|01|00| 3.0

00|10|01|10|00|11|10|10|01|01|01|10|01|11|01|11| 2.0

00|11|00|00|00|10|00|10|00|01|01|10|01|11|01|00| 1.0

01|10|10|00|10|11|11|10|00|01|01|11|01|11|01|00| 1.0

10|10|00|10|01|11|01|10|00|01|01|10|01|11|00|11| 0.0

Generation --> 146

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|01|11|01|10|01|11|01|10|11|11|01|10| 3.0

10|10|11|10|00|11|01|10|01|01|01|10|10|11|01|00| 3.0

11|10|00|10|10|11|01|00|01|01|01|10|11|11|01|00| 3.0

10|11|11|10|00|11|01|11|10|00|01|10|00|11|01|00| 3.0

11|01|11|10|00|10|01|00|01|00|01|11|11|11|01|00| 3.0

11|10|11|10|00|10|01|10|00|01|01|00|01|11|01|10| 3.0

00|10|01|11|00|10|10|10|01|01|01|10|01|11|01|00| 1.0

00|11|00|00|00|10|01|00|00|01|01|00|01|11|01|00| 1.0

11|00|11|10|00|10|01|10|00|11|01|10|01|10|00|00| 0.0

Generation --> 147

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|11|10|10|00|11|01|10|01|11|01|10|01|11|01|00| 8.0

10|10|00|10|10|11|01|00|01|01|01|10|00|11|01|00| 3.0

10|11|11|10|00|11|01|10|01|01|01|10|10|10|01|00| 3.0

01|01|11|10|00|10|01|10|00|01|01|00|01|11|01|10| 3.0

11|00|10|10|00|10|01|10|00|01|01|10|01|11|01|00| 3.0

10|00|00|10|01|11|00|10|01|11|01|10|11|11|01|10| 2.0

00|10|01|10|00|10|10|10|01|01|01|10|01|11|01|00| 2.0

00|11|00|11|00|11|01|10|01|01|00|10|01|11|01|00| 1.0

11|10|11|00|00|10|01|11|00|01|01|00|01|11|01|10| 1.0

Generation --> 148

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|11|10|10|00|11|01|10|01|11|01|11|01|11|01|00| 8.0

10|10|00|10|10|10|01|10|01|01|01|10|01|11|01|00| 3.0

11|11|10|10|00|10|01|10|00|01|01|00|01|11|01|10| 3.0

11|01|11|10|10|00|01|10|00|01|01|00|01|11|01|10| 3.0

00|10|01|10|00|10|01|10|00|01|01|10|01|10|01|00| 3.0

10|00|01|10|01|11|00|10|01|11|01|10|11|11|01|10| 2.0

10|11|11|10|00|01|01|10|01|01|00|10|01|11|01|00| 1.0

00|11|00|11|00|11|01|10|01|01|01|10|10|10|01|00| 1.0

01|10|11|00|00|10|01|11|10|01|01|00|01|11|00|10| 0.0

Generation --> 149

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|11|10|10|00|11|01|11|01|01|01|01|01|11|01|00| 8.0

00|10|01|10|01|10|01|10|00|01|01|10|01|10|01|10| 3.0

11|01|01|10|11|00|01|10|00|01|01|00|01|11|01|01| 3.0

00|10|01|10|00|10|01|10|01|11|01|10|01|11|01|00| 3.0

10|11|11|10|01|01|01|10|01|01|01|11|10|11|01|00| 3.0

00|11|00|11|00|11|01|11|01|01|01|10|11|11|01|00| 3.0

10|00|01|10|01|11|00|10|01|11|01|10|11|11|01|10| 2.0

11|11|10|01|00|10|01|10|10|01|01|00|01|11|01|00| 1.0

10|11|10|10|01|11|01|10|01|01|01|10|01|11|11|00| 0.0

Generation --> 150

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|11|10|10|01|01|01|00|01|01|01|10|01|11|01|00| 3.0

01|10|01|10|01|10|01|10|00|01|01|10|01|10|01|10| 3.0

10|11|10|10|01|11|01|10|01|01|01|11|10|11|01|00| 3.0

10|01|01|11|01|11|00|10|01|11|01|10|11|11|01|10| 2.0

10|11|11|11|00|01|01|10|01|01|01|01|10|11|01|01| 1.0

00|11|10|11|00|11|01|01|01|01|01|10|00|11|01|00| 1.0

11|11|10|11|00|10|01|11|01|01|11|10|01|11|01|00| 1.0

10|11|00|10|11|00|00|10|00|01|00|00|01|11|00|01| 0.0

00|10|01|10|00|10|01|10|01|11|01|10|01|10|00|10| 0.0

Generation --> 151

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|11|10|10|10|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|11|10|10|01|11|01|11|01|01|01|10|01|11|01|10| 8.0

00|10|01|10|00|11|01|00|01|01|01|10|01|11|01|00| 8.0

01|10|01|10|01|10|01|10|00|01|01|10|01|11|01|00| 3.0

00|11|11|11|01|11|01|00|01|01|01|10|01|11|01|00| 1.0

00|11|10|11|00|11|01|01|01|01|01|00|00|11|01|00| 1.0

11|11|10|01|00|10|01|11|01|01|01|01|10|11|01|01| 1.0

10|11|00|10|11|00|10|10|00|01|00|00|01|11|01|01| 1.0

10|01|01|10|11|10|01|11|00|00|01|10|01|10|01|10| 0.0

Generation --> 152

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|11|10|10|10|11|01|10|01|01|01|10|11|11|01|00| 3.0

01|10|01|10|11|10|01|10|01|01|01|11|01|11|01|00| 3.0

00|10|10|10|10|11|01|01|01|01|01|00|00|11|01|10| 3.0

00|11|10|10|01|11|00|11|01|01|01|10|01|11|01|11| 2.0

10|11|10|00|01|11|01|11|01|01|11|10|01|11|01|10| 1.0

10|01|01|10|11|10|01|11|00|00|00|10|01|11|01|00| 1.0

00|10|01|10|00|00|10|10|00|01|00|00|01|11|01|01| 1.0

10|11|00|11|10|00|10|10|10|01|00|00|01|11|01|01| 1.0

00|01|11|10|01|11|01|11|01|01|01|11|00|01|01|00| 0.0

Generation --> 153

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|11|11|10|11|11|01|10|01|01|01|11|01|11|01|10| 8.0

00|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|11|10|11|10|01|10|01|01|01|11|01|11|01|00| 3.0

00|11|10|10|01|11|10|11|01|01|01|10|11|11|01|00| 2.0

10|01|01|10|11|10|11|11|00|00|00|10|01|11|01|00| 1.0

00|10|01|10|00|00|10|10|00|01|00|00|01|11|01|01| 1.0

10|11|11|00|01|11|01|10|11|01|01|10|11|11|00|00| 0.0

10|11|00|11|11|00|10|10|10|01|01|10|00|01|00|00| 0.0

00|01|11|10|01|11|00|11|01|01|01|11|00|01|01|01| 0.0

Generation --> 154

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|00|10|00|11|01|10|01|01|01|11|01|11|01|10| 8.0

01|11|11|10|11|11|01|10|01|01|01|11|00|11|01|10| 3.0

10|01|01|11|11|10|11|11|00|00|01|10|01|11|01|00| 1.0

00|11|00|10|00|00|10|10|00|01|00|00|00|11|01|01| 1.0

00|10|00|10|00|00|10|10|00|01|00|00|01|11|01|10| 1.0

10|11|11|00|01|11|01|11|11|01|01|00|01|11|01|01| 1.0

10|11|00|11|11|00|10|10|10|01|01|11|01|11|01|00| 1.0

01|10|11|10|11|10|01|10|01|00|00|11|01|10|01|00| 0.0

00|01|11|00|01|11|00|11|01|01|01|11|00|01|01|00| 0.0

Generation --> 155

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|10|01|01|01|11|01|11|01|10| 8.0

10|01|01|11|11|11|11|11|01|11|01|11|01|11|01|11| 1.0

00|11|00|10|00|00|10|10|00|01|00|00|00|11|01|01| 1.0

00|10|00|10|00|00|10|10|00|01|00|00|01|11|01|10| 1.0

10|11|11|00|01|11|00|11|11|01|01|00|01|11|01|00| 1.0

00|01|11|00|10|11|01|10|01|01|01|11|01|11|01|10| 1.0

00|10|00|10|00|11|01|10|01|01|01|11|11|11|00|10| 0.0

01|11|11|10|11|11|01|10|10|01|01|11|01|10|01|00| 0.0

01|10|11|10|00|11|01|10|01|01|01|10|01|11|10|00| 0.0

Generation --> 156

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|00|10|10|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|11|11|10|11|10|01|10|10|01|01|10|01|10|01|00| 3.0

01|10|00|10|00|11|11|10|01|01|01|11|01|11|01|10| 2.0

00|01|01|11|11|11|11|11|01|11|00|01|11|11|01|11| 1.0

10|01|01|11|01|11|11|11|01|11|01|10|01|11|01|10| 1.0

00|01|00|10|01|00|10|10|00|01|00|01|00|11|01|01| 1.0

10|11|11|00|01|11|00|11|11|01|01|00|01|11|01|00| 1.0

10|10|00|10|00|00|10|10|00|01|00|00|01|11|11|01| 0.0

00|00|00|10|00|11|11|10|01|01|01|11|11|11|00|10| 0.0

Generation --> 157

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|00|00|10|10|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|11|11|10|11|10|01|10|10|01|01|10|01|10|01|00| 3.0

01|11|01|10|11|10|11|10|10|00|01|10|01|10|01|00| 2.0

00|01|00|10|01|00|10|10|11|00|01|00|00|11|01|00| 2.0

00|00|00|00|00|11|01|10|01|01|01|10|01|11|01|00| 1.0

00|01|00|11|11|11|11|11|01|01|00|01|11|11|01|11| 1.0

01|10|10|10|10|10|01|10|01|01|01|10|01|01|01|00| 0.0

10|10|00|10|01|11|00|11|11|01|01|00|01|01|01|00| 0.0

10|01|01|11|01|11|11|11|01|11|11|10|01|10|01|00| 0.0

Generation --> 158

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|00|00|10|10|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|11|11|10|01|10|01|10|01|01|01|10|01|11|01|00| 3.0

01|11|01|10|10|11|11|10|01|11|01|10|01|11|01|00| 2.0

00|01|00|10|01|11|10|10|11|10|01|10|00|11|01|00| 2.0

00|00|00|00|00|11|01|10|01|01|01|10|11|11|01|10| 1.0

00|11|00|11|11|11|01|10|01|01|01|10|01|11|01|00| 1.0

10|01|01|11|01|11|11|11|11|11|11|11|01|11|01|00| 1.0

10|10|00|10|00|11|01|10|01|01|01|10|01|11|11|00| 0.0

01|10|10|10|10|10|01|10|01|01|11|10|01|11|11|00| 0.0

Generation --> 159

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|10|10|00|11|01|10|01|11|01|10|01|11|01|10| 8.0

01|11|01|10|10|11|10|10|01|11|01|00|11|11|01|00| 2.0

01|01|00|10|01|11|10|10|11|11|01|10|01|11|01|00| 2.0

11|00|00|10|10|11|01|10|01|01|11|00|01|11|01|00| 1.0

00|11|11|10|01|10|01|10|01|01|00|10|01|11|01|00| 1.0

00|00|00|00|00|11|01|10|01|01|01|10|01|11|01|00| 1.0

00|10|00|11|11|11|01|10|01|01|01|10|01|11|01|00| 1.0

10|01|11|11|01|11|11|11|11|11|11|11|01|11|01|00| 1.0

10|10|00|10|00|11|01|10|00|01|01|11|01|11|11|00| 0.0

Generation --> 160

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|10|10|00|11|01|10|01|11|01|10|01|11|01|00| 8.0

01|11|01|10|10|11|10|10|01|11|01|00|11|11|01|00| 2.0

01|01|00|10|01|11|10|10|11|11|01|10|01|11|01|00| 2.0

11|00|00|10|11|11|01|00|01|01|10|10|01|11|01|11| 1.0

00|00|00|00|00|10|01|10|01|01|01|10|01|11|01|00| 1.0

01|10|00|11|11|11|10|10|11|11|01|10|01|11|01|00| 1.0

00|11|11|11|00|10|01|00|01|01|01|10|01|01|01|00| 0.0

10|01|11|10|00|11|01|10|01|01|01|11|01|11|00|00| 0.0

10|10|00|10|00|11|01|10|00|01|01|11|01|11|11|00| 0.0

Generation --> 161

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|10|10|00|11|01|10|01|11|01|10|01|11|01|00| 8.0

10|01|11|10|00|11|01|10|01|01|01|11|01|11|01|00| 8.0

00|10|00|10|00|11|01|11|01|11|01|10|01|11|01|00| 8.0

01|11|01|10|10|11|10|10|01|11|01|11|11|11|01|00| 2.0

11|11|01|00|10|11|10|10|01|11|01|00|11|11|01|00| 1.0

01|10|00|10|01|11|10|10|11|11|11|00|11|11|01|00| 1.0

00|01|00|01|11|10|01|10|01|01|01|10|01|11|01|00| 1.0

01|10|10|10|00|11|01|10|01|11|01|10|01|11|00|00| 0.0

00|01|10|11|00|10|01|00|01|01|01|10|01|11|11|00| 0.0

Generation --> 162

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|01|11|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|00|10|00|11|01|10|11|01|01|10|01|11|01|00| 8.0

01|11|01|10|10|11|01|00|01|01|01|11|01|11|01|00| 8.0

01|10|10|10|00|11|01|10|01|11|01|10|11|10|01|00| 3.0

01|10|10|11|10|11|10|10|01|11|01|11|11|11|01|00| 2.0

11|10|10|00|00|11|01|10|01|11|01|10|01|10|01|00| 1.0

11|11|01|00|10|11|10|10|00|11|01|10|01|11|01|00| 1.0

00|01|00|00|11|10|01|10|01|00|01|10|01|11|01|00| 1.0

00|01|10|11|00|10|01|00|01|01|01|10|01|11|01|00| 1.0

Generation --> 163

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|01|11|10|01|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|00|10|00|11|01|10|11|01|01|10|01|11|01|00| 8.0

01|10|10|10|00|11|01|00|11|00|01|10|01|11|01|00| 8.0

11|11|01|10|10|11|01|00|01|01|01|01|01|11|01|00| 8.0

00|01|11|10|00|11|01|10|11|01|01|10|01|10|01|00| 8.0

01|11|00|10|10|11|01|00|01|00|01|11|11|11|01|00| 3.0

01|00|10|10|00|11|01|10|01|11|01|10|11|10|01|00| 3.0

11|10|10|00|00|11|01|10|01|10|01|10|01|10|01|01| 1.0

00|01|00|00|11|10|01|10|11|11|01|10|01|11|01|00| 1.0

Generation --> 164

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|01|11|10|01|11|01|10|01|01|01|10|01|10|01|00| 8.0

00|11|00|10|00|11|01|10|01|11|01|10|01|11|01|00| 8.0

10|10|00|10|10|11|01|10|00|01|01|10|01|11|01|00| 8.0

01|00|10|10|00|11|00|10|01|11|01|10|11|11|01|00| 2.0

11|10|10|00|00|11|01|10|01|10|01|10|01|11|01|00| 1.0

00|10|00|10|00|11|11|10|11|01|01|10|01|01|01|00| 0.0

01|10|10|10|00|11|01|00|11|00|01|10|01|11|00|00| 0.0

11|11|01|10|10|11|01|00|01|00|01|11|01|11|11|00| 0.0

00|11|00|10|00|11|01|10|11|01|01|10|01|01|01|00| 0.0

Generation --> 165

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|10|11|01|10|00|01|01|10|01|11|01|00| 8.0

01|10|10|10|00|11|01|00|10|00|01|11|01|11|01|00| 8.0

10|01|11|10|01|11|00|10|11|01|01|10|01|10|01|00| 2.0

01|00|10|10|00|01|00|10|01|11|01|10|01|11|01|00| 2.0

00|10|00|10|00|11|11|10|01|01|01|10|01|11|01|00| 2.0

00|10|00|10|00|11|01|10|01|01|01|10|01|01|01|00| 0.0

11|10|10|00|00|11|01|10|01|10|01|10|01|11|11|00| 0.0

11|11|01|10|10|11|01|00|01|01|01|10|00|10|01|00| 0.0

00|11|00|10|01|11|01|10|11|01|01|00|01|01|01|00| 0.0

Generation --> 166

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|11|00|10|01|11|01|10|11|01|01|00|01|11|01|00| 8.0

11|11|01|10|10|11|01|00|01|01|01|10|11|11|01|00| 3.0

10|10|00|10|10|11|00|10|00|01|01|10|11|11|01|00| 2.0

10|01|11|11|01|11|00|00|11|01|01|10|01|11|01|00| 1.0

11|11|00|00|00|11|01|10|01|01|01|10|01|11|01|00| 1.0

00|10|00|10|00|11|01|00|10|00|01|11|01|11|00|00| 0.0

01|10|10|10|00|01|00|10|01|11|01|10|01|01|01|00| 0.0

01|10|10|10|00|11|01|00|01|10|11|10|01|11|11|00| 0.0

00|00|00|10|00|11|01|10|01|01|01|10|01|01|01|00| 0.0

Generation --> 167

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|10|10|00|11|01|00|11|01|01|10|01|11|01|00| 8.0

11|11|01|10|10|11|01|00|01|01|01|10|11|11|01|00| 3.0

00|00|00|11|00|11|01|00|00|11|01|10|11|11|01|00| 3.0

10|10|00|10|10|11|00|10|00|01|01|10|01|11|01|00| 2.0

01|00|10|10|00|01|00|10|01|11|01|10|11|11|01|00| 2.0

00|11|00|00|01|11|00|00|11|01|00|10|01|11|01|00| 1.0

00|00|00|00|00|11|00|10|00|01|01|11|11|11|01|01| 1.0

10|00|11|11|01|11|00|01|11|01|01|10|01|11|01|00| 1.0

11|11|00|00|00|11|01|10|00|01|01|10|01|11|01|00| 1.0

Generation --> 168

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|10|10|00|11|01|00|01|01|01|10|01|11|01|00| 8.0

11|11|01|10|10|11|01|00|01|01|01|10|11|11|01|00| 3.0

00|00|00|11|00|11|01|00|00|11|01|10|11|11|01|00| 3.0

10|00|11|11|01|11|01|00|01|10|01|10|11|11|01|00| 3.0

10|10|00|10|10|11|00|10|10|00|01|10|01|11|01|00| 2.0

00|00|00|11|00|01|01|00|01|11|01|10|11|11|01|00| 1.0

00|11|00|00|01|11|00|00|11|01|01|10|11|11|01|00| 1.0

00|00|01|00|00|11|10|10|01|11|01|10|11|11|01|00| 1.0

10|11|00|00|00|11|01|10|00|01|01|10|01|11|01|00| 1.0

Generation --> 169

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|11|01|10|10|11|01|00|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|01|11|01|00|01|10|01|10|11|11|01|00| 3.0

10|00|10|10|10|11|00|10|10|00|01|11|01|11|01|00| 2.0

00|00|00|11|00|11|01|00|01|01|00|11|01|11|01|00| 1.0

00|11|00|00|11|11|00|10|01|01|01|10|01|11|01|00| 1.0

00|00|01|00|00|11|10|10|01|11|01|10|11|11|01|00| 1.0

01|10|10|10|00|11|01|00|01|11|01|10|01|11|00|10| 0.0

10|11|00|11|00|11|01|10|01|01|00|10|01|10|00|10| 0.0

00|00|00|11|00|01|01|00|01|11|11|10|01|10|01|00| 0.0

Generation --> 170

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|11|01|10|10|11|01|00|01|01|01|10|01|11|01|00| 8.0

01|00|11|10|10|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|00|01|10|10|11|01|00|01|01|01|10|01|11|01|00| 8.0

01|10|10|10|00|11|01|00|01|11|01|00|00|11|01|10| 3.0

10|10|00|10|01|11|00|10|10|00|01|11|01|11|01|00| 2.0

10|11|00|11|00|01|01|00|01|10|01|10|11|11|01|00| 1.0

00|11|00|00|11|11|00|10|01|01|01|10|01|11|01|00| 1.0

00|00|01|00|00|11|10|10|01|01|10|10|10|01|01|11| 0.0

00|00|10|11|00|01|01|00|01|11|11|10|01|10|01|01| 0.0

Generation --> 171

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|11|01|10|10|11|01|00|01|01|01|10|01|11|01|00| 8.0

01|01|11|10|10|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|00|00|10|01|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|11|00|10|10|11|01|00|01|01|01|10|01|11|01|10| 8.0

00|10|01|10|10|01|01|00|01|01|01|10|01|11|01|00| 3.0

10|11|00|11|00|01|01|00|01|10|01|10|11|11|01|01| 1.0

00|11|01|00|11|01|00|10|11|01|01|10|01|11|01|00| 1.0

00|00|01|00|00|11|10|10|01|01|10|11|01|11|01|00| 1.0

01|10|10|00|00|11|01|00|01|01|01|10|01|11|00|00| 0.0

Generation --> 172

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|00|00|10|01|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|11|00|10|10|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|00|00|10|01|11|01|10|01|01|01|10|01|11|01|01| 8.0

00|10|11|10|10|01|01|00|01|01|01|10|01|11|01|00| 3.0

01|01|11|10|10|11|11|10|01|01|01|10|01|11|01|00| 2.0

10|11|00|10|10|11|00|00|01|01|00|10|01|11|01|10| 1.0

11|11|00|00|11|01|00|10|01|01|01|10|01|11|01|00| 1.0

10|11|01|00|11|11|01|00|01|01|01|00|01|11|01|00| 1.0

00|01|01|01|00|11|10|10|01|01|01|10|01|11|01|10| 1.0

Generation --> 173

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|00|00|10|01|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|00|00|10|01|11|01|10|01|01|01|11|00|11|01|01| 3.0

00|10|11|10|10|01|01|00|01|01|01|10|01|11|01|00| 3.0

00|11|00|10|10|11|11|00|01|01|01|10|00|11|01|00| 2.0

11|11|10|00|11|01|00|10|01|01|01|10|01|11|01|00| 1.0

10|11|01|01|11|10|01|10|01|01|01|10|01|11|01|10| 1.0

01|01|11|10|10|11|11|10|01|01|01|00|01|01|01|00| 0.0

10|11|00|10|10|01|00|00|01|00|00|10|01|11|11|10| 0.0

00|01|01|01|00|11|01|10|01|01|01|10|01|11|00|00| 0.0

Generation --> 174

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|00|00|10|01|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|11|01|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|00|00|10|01|01|01|10|01|01|01|10|01|11|01|00| 3.0

10|00|01|10|10|01|01|00|00|01|01|10|01|11|01|00| 3.0

00|10|11|10|10|01|01|00|01|01|01|10|01|11|01|01| 3.0

00|01|00|10|01|11|01|10|11|01|01|11|00|11|01|01| 3.0

00|11|00|10|10|11|11|00|01|01|01|00|01|11|01|00| 2.0

11|11|10|00|11|01|00|10|01|11|11|10|11|11|01|00| 1.0

01|01|10|10|10|11|11|10|01|01|01|00|01|01|01|00| 0.0

Generation --> 175

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|11|01|10|00|01|01|10|01|01|01|00|01|11|01|00| 3.0

10|00|00|10|01|01|01|10|01|00|01|10|00|10|01|00| 3.0

10|00|00|10|10|01|01|00|00|01|01|10|01|11|01|00| 3.0

00|10|11|10|10|01|01|00|01|01|01|10|01|11|01|10| 3.0

10|00|00|10|01|11|01|10|01|01|00|10|01|11|01|00| 1.0

00|00|00|00|01|11|01|10|11|01|01|10|01|11|01|00| 1.0

10|11|00|11|01|11|00|10|11|01|01|11|00|11|01|01| 1.0

11|11|10|00|11|01|00|10|01|11|11|10|11|11|01|00| 1.0

01|01|10|10|10|11|11|10|01|01|10|00|01|01|01|00| 0.0

Generation --> 176

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|11|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|11|01|10|00|01|01|10|01|01|01|10|01|11|01|00| 3.0

10|00|00|10|10|01|01|00|00|11|01|10|01|11|01|00| 3.0

10|00|00|10|01|11|01|10|01|01|00|10|01|11|01|00| 1.0

00|00|00|00|11|11|01|00|01|11|01|00|01|11|01|00| 1.0

10|11|00|11|01|11|00|10|11|01|01|11|00|11|01|11| 1.0

11|11|10|00|01|01|00|10|01|11|11|10|10|11|01|10| 1.0

10|00|00|10|01|01|01|11|01|00|01|10|00|10|01|00| 0.0

01|01|10|11|10|11|11|10|01|11|10|00|01|01|01|10| 0.0

Generation --> 177

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|00|00|10|10|11|00|10|11|00|01|01|00|11|01|11| 2.0

00|10|01|00|00|01|01|10|01|01|01|10|01|11|01|00| 1.0

10|01|00|10|01|11|01|10|01|01|00|10|01|11|01|01| 1.0

00|10|00|00|11|11|01|00|01|11|01|10|01|11|01|00| 1.0

10|11|00|11|00|11|00|10|10|11|01|10|01|11|01|00| 1.0

11|11|10|00|01|01|00|10|01|11|11|10|10|11|01|10| 1.0

10|00|10|01|01|11|00|10|11|01|01|10|00|10|01|10| 1.0

01|01|10|11|10|11|11|10|01|11|10|00|00|01|01|00| 0.0

Generation --> 178

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|01| 8.0

10|01|10|10|01|11|01|00|01|11|01|10|01|11|01|00| 8.0

11|11|10|10|00|01|01|10|01|01|01|10|01|11|01|00| 3.0

10|00|00|10|10|11|00|10|11|00|01|01|00|11|01|11| 2.0

00|10|01|00|00|00|01|10|01|01|01|10|01|11|01|00| 1.0

00|10|00|00|11|11|01|00|01|11|00|10|01|11|01|01| 1.0

10|11|00|11|00|11|00|10|11|00|01|01|00|11|01|11| 1.0

00|00|10|01|10|11|00|10|10|11|01|10|01|11|01|00| 1.0

01|11|10|11|10|11|11|10|11|01|01|10|01|11|01|00| 1.0

Generation --> 179

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|00|00|10|10|11|01|10|01|01|01|10|01|11|01|01| 8.0

11|11|10|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|11|00|10|00|11|01|00|01|11|01|10|00|11|01|00| 3.0

10|01|10|11|01|11|01|00|01|01|01|10|01|11|01|01| 1.0

00|10|01|00|00|01|01|11|01|01|01|10|01|11|01|01| 1.0

10|11|00|11|00|11|00|10|11|00|01|01|00|11|01|01| 1.0

00|00|10|11|00|11|01|10|01|01|01|10|01|11|01|01| 1.0

01|11|10|11|10|11|11|10|10|11|01|00|01|11|01|11| 1.0

00|10|00|00|11|11|01|00|01|11|00|10|01|11|11|01| 0.0

Generation --> 180

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|11|10|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|11|10|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|11|00|10|00|11|01|00|01|11|01|10|00|11|01|00| 3.0

10|01|10|11|01|11|01|00|01|01|01|10|01|11|01|01| 1.0

00|00|10|11|10|11|11|10|11|01|01|10|01|11|01|01| 1.0

00|10|00|00|10|11|01|00|11|11|01|10|00|11|01|00| 1.0

00|10|01|10|00|01|01|11|01|01|01|10|01|11|11|01| 0.0

10|11|00|11|00|11|00|10|11|00|01|10|01|11|00|00| 0.0

01|11|10|01|10|11|11|11|10|11|01|00|01|11|00|00| 0.0

Generation --> 181

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|11|10|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|11|01|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|11|00|10|00|11|11|00|01|11|01|10|01|11|01|00| 2.0

10|01|10|10|00|11|11|10|01|01|01|10|01|11|01|00| 2.0

11|11|10|11|00|01|01|10|01|01|01|10|01|11|01|00| 1.0

10|11|10|00|00|11|00|10|01|01|01|10|01|11|01|00| 1.0

00|00|10|11|11|11|11|11|01|01|01|10|01|11|01|01| 1.0

00|10|10|00|10|11|01|10|01|01|01|10|01|11|01|00| 1.0

11|11|10|01|10|11|11|11|10|01|11|10|01|11|01|00| 1.0

Generation --> 182

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|11|10|10|00|11|01|00|01|01|01|10|01|11|01|00| 8.0

00|01|01|10|00|11|01|10|01|11|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|11|01|10|00|10|01|10|01|01|01|10|01|11|01|00| 3.0

10|11|00|10|00|11|10|00|11|11|01|10|11|11|01|00| 2.0

10|11|10|00|00|11|00|10|01|01|00|10|01|11|01|00| 1.0

00|00|10|11|10|11|11|10|01|01|01|10|01|11|01|00| 1.0

10|01|10|10|00|11|11|00|01|01|01|11|01|01|01|00| 0.0

00|10|10|00|00|11|01|10|01|11|01|10|11|11|11|00| 0.0

Generation --> 183

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|01|01|10|00|11|01|10|01|11|01|10|01|11|01|10| 8.0

10|10|01|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|11|00|10|00|10|01|10|01|01|01|10|01|11|01|00| 3.0

10|11|00|10|00|11|10|00|11|11|01|10|11|11|01|00| 2.0

10|11|10|00|00|10|00|00|01|01|01|10|01|11|01|00| 1.0

01|00|10|11|10|11|11|10|01|01|01|10|01|11|01|00| 1.0

10|11|01|10|00|10|01|10|01|01|11|10|01|01|01|00| 0.0

10|01|10|10|00|11|10|00|01|01|01|10|01|11|11|00| 0.0

Generation --> 184

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|01|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|00|10|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|00|00|10|10|10|01|11|01|11|01|10|01|11|01|00| 3.0

00|00|01|10|00|10|01|10|01|11|01|11|01|11|01|10| 3.0

10|11|00|10|00|01|01|10|01|01|01|10|01|11|01|00| 3.0

10|11|00|10|00|10|01|00|01|01|11|10|01|11|01|00| 1.0

10|01|10|00|00|11|10|00|01|00|11|11|01|11|01|00| 1.0

10|11|01|10|00|00|01|10|10|01|11|10|01|11|01|00| 1.0

10|11|11|00|00|10|00|00|01|01|01|10|01|01|01|01| 0.0

Generation --> 185

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|01|10|01|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|00|10|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|11|00|10|01|11|01|10|01|01|01|10|00|11|01|00| 3.0

00|00|01|10|00|10|01|10|01|01|01|10|01|11|01|00| 3.0

10|11|00|10|00|01|01|11|01|01|01|10|01|11|01|00| 3.0

00|00|00|10|10|10|00|11|01|11|01|10|01|11|01|00| 2.0

11|11|01|10|10|01|01|10|10|01|11|10|01|11|01|00| 1.0

10|01|10|00|01|11|10|11|01|00|11|11|01|11|00|00| 0.0

10|11|10|00|00|10|00|00|01|01|01|10|01|00|01|11| 0.0

Generation --> 186

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|01|10|01|11|01|00|01|01|01|10|01|11|01|00| 8.0

00|00|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|01|10|10|00|01|01|10|00|01|01|00|01|11|01|00| 3.0

10|11|10|10|01|11|01|11|00|01|01|11|00|11|01|00| 3.0

10|10|00|10|10|11|00|10|01|01|11|10|01|11|01|00| 1.0

10|11|00|00|01|11|01|10|00|11|01|00|00|11|01|00| 1.0

10|10|10|00|01|11|10|11|11|00|11|10|00|11|01|00| 1.0

00|00|01|10|01|11|01|00|01|01|01|10|01|01|01|00| 0.0

11|11|01|10|10|01|01|10|01|01|01|10|00|11|11|00| 0.0

Generation --> 187

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|00|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|01|00|10|00|11|01|00|01|01|01|10|01|11|01|10| 8.0

10|11|10|10|01|11|01|01|00|11|01|01|00|11|01|00| 3.0

01|01|10|10|00|01|11|10|00|01|01|00|00|11|01|00| 2.0

10|10|00|10|10|11|00|10|01|01|01|10|11|11|01|00| 2.0

10|11|00|00|01|11|01|10|00|10|01|10|01|11|01|10| 1.0

00|10|01|10|01|11|01|10|11|01|00|10|01|11|11|00| 0.0

00|00|00|10|00|11|01|10|01|01|01|10|01|11|11|00| 0.0

11|11|01|10|10|01|01|10|01|01|11|10|00|11|11|01| 0.0

Generation --> 188

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|00|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|00|10|01|11|01|11|01|01|01|11|01|11|01|00| 8.0

00|00|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|00|10|10|01|11|01|01|00|11|01|01|00|11|01|01| 3.0

11|11|01|10|10|01|01|00|01|01|01|10|01|11|01|01| 3.0

01|01|10|10|00|11|00|00|01|01|01|10|01|11|01|10| 2.0

10|10|00|10|10|11|00|00|01|01|01|10|01|11|01|00| 2.0

10|11|00|00|01|11|01|01|01|01|01|10|11|11|01|10| 1.0

10|11|10|10|01|11|01|01|10|11|01|10|11|01|00|00| 0.0

Generation --> 189

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|00|10|10|01|11|01|01|00|11|01|00|01|11|01|00| 8.0

00|00|10|10|00|01|01|10|01|01|01|10|01|11|01|00| 3.0

00|00|00|11|00|11|01|10|01|01|01|10|01|11|01|00| 1.0

11|11|01|01|10|11|01|10|01|01|01|10|01|11|01|10| 1.0

10|11|10|10|00|11|01|10|01|01|11|10|01|11|01|00| 1.0

01|01|10|00|00|11|00|00|01|01|01|10|01|11|01|10| 1.0

10|10|00|10|10|11|00|00|01|01|11|10|01|11|01|00| 1.0

00|10|10|10|01|11|01|01|01|01|01|11|01|01|01|00| 0.0

10|11|01|00|01|11|01|01|01|11|01|10|01|10|01|10| 0.0

Generation --> 190

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|00|10|10|01|11|01|01|00|11|01|10|01|11|01|00| 8.0

00|10|00|11|00|01|01|10|01|01|01|10|01|11|01|00| 1.0

10|11|10|10|00|11|01|11|00|01|11|10|01|11|01|00| 1.0

00|10|00|10|10|11|00|00|01|01|11|10|01|11|01|00| 1.0

01|00|10|10|00|01|01|01|01|11|01|00|11|01|01|00| 0.0

11|11|11|01|10|11|01|10|01|01|01|10|01|01|01|10| 0.0

01|00|10|00|00|11|00|00|11|01|11|10|01|01|11|00| 0.0

00|11|01|00|10|10|01|10|01|01|01|10|01|01|01|10| 0.0

10|10|01|00|01|11|01|11|01|11|01|10|11|01|01|00| 0.0

Generation --> 191

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|00|10|01|11|01|01|00|11|01|10|01|11|01|00| 8.0

01|00|10|10|01|11|00|00|01|01|11|10|01|11|01|00| 1.0

11|00|10|00|00|11|00|00|11|01|11|10|01|11|01|00| 1.0

00|11|00|00|10|10|01|10|01|01|01|10|00|11|01|00| 1.0

00|10|01|00|01|01|01|11|01|11|01|10|11|11|01|00| 1.0

00|10|00|11|00|01|11|01|00|11|01|10|01|11|11|00| 0.0

10|11|10|10|00|11|01|11|00|01|11|10|01|10|01|00| 0.0

01|00|10|10|00|01|01|01|11|11|01|00|11|00|01|00| 0.0

11|11|11|01|10|11|01|10|01|01|01|11|01|01|01|10| 0.0

Generation --> 192

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|00|00|10|01|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|01|11|01|01|00|11|01|10|01|11|01|00| 8.0

01|00|10|10|10|01|01|10|01|01|01|10|01|11|01|00| 3.0

01|00|10|11|01|11|00|10|11|01|11|10|01|10|01|00| 1.0

11|00|10|00|00|11|00|00|11|01|11|10|01|11|01|00| 1.0

00|11|00|00|10|10|01|10|01|01|01|00|00|11|01|00| 1.0

00|10|01|00|01|01|01|11|01|11|01|10|10|11|01|00| 1.0

01|10|00|11|00|01|11|01|00|11|01|10|11|11|01|00| 1.0

11|11|11|01|10|11|01|10|01|01|01|11|01|01|01|10| 0.0

Generation --> 193

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|01|11|01|01|11|01|01|10|01|11|01|00| 8.0

01|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|00|10|00|00|11|01|00|11|01|11|10|01|11|01|00| 1.0

10|11|00|00|00|11|01|10|01|01|01|10|01|11|01|00| 1.0

00|10|01|00|11|01|01|11|01|11|01|10|10|11|01|00| 1.0

01|11|00|11|00|11|11|01|00|11|01|10|00|11|01|00| 1.0

11|11|11|01|10|11|01|10|11|01|11|10|01|10|01|00| 1.0

01|00|00|10|01|10|01|10|01|01|00|10|01|01|00|00| 0.0

01|00|11|11|01|11|00|10|11|11|11|00|11|10|01|00| 0.0

Generation --> 194

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|00|00|10|01|10|01|10|01|01|01|10|01|11|01|00| 3.0

11|10|10|00|00|10|01|00|11|01|11|10|01|11|01|00| 1.0

01|11|00|11|00|11|11|01|00|11|01|10|01|11|01|00| 1.0

01|00|11|11|01|11|00|10|11|11|11|10|01|11|01|00| 1.0

10|11|00|10|00|11|01|10|01|00|01|10|01|11|00|00| 0.0

00|10|01|00|11|01|01|11|01|11|01|10|10|11|00|00| 0.0

11|11|01|01|00|11|00|10|11|01|01|10|11|11|11|00| 0.0

10|10|00|10|00|11|01|01|11|01|01|10|01|10|01|00| 0.0

Generation --> 195

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|10|01|00|01|10|01|11|01|00| 8.0

11|11|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|00|00|10|00|00|01|10|01|01|01|10|01|11|01|00| 3.0

01|00|10|10|00|11|11|00|01|01|01|10|10|11|01|00| 2.0

01|10|00|00|00|11|01|10|01|01|01|10|01|11|01|00| 1.0

11|10|10|00|00|00|01|00|11|01|11|10|01|11|01|10| 1.0

11|11|00|11|00|11|11|10|01|01|01|10|01|11|01|00| 1.0

01|00|10|10|00|10|01|10|01|11|01|10|01|11|11|00| 0.0

10|10|00|10|00|11|01|01|10|01|01|10|01|10|01|00| 0.0

Generation --> 196

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|10|01|11|01|10|01|11|01|00| 8.0

11|11|00|10|00|11|01|10|01|00|01|10|01|11|01|00| 8.0

11|10|10|10|00|11|01|10|11|01|01|11|01|11|01|10| 8.0

01|11|00|10|00|10|01|10|01|01|01|10|01|11|01|00| 3.0

01|00|00|10|00|01|01|10|01|01|01|10|01|11|01|00| 3.0

01|00|10|00|00|10|01|00|01|11|01|10|11|11|01|00| 1.0

01|10|00|00|00|11|01|10|01|01|01|10|01|11|01|00| 1.0

11|11|00|11|00|10|11|10|01|01|01|10|01|11|01|00| 1.0

11|10|00|10|00|11|01|01|10|01|01|10|01|10|01|00| 0.0

Generation --> 197

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|10|01|11|01|10|01|11|01|00| 8.0

11|11|00|10|00|11|01|10|10|01|01|11|01|11|01|10| 8.0

01|00|00|10|00|01|01|10|01|01|01|10|01|11|01|00| 3.0

01|11|00|11|00|11|01|10|01|01|01|10|01|11|01|00| 1.0

01|00|10|00|00|10|00|00|01|11|01|10|01|11|01|00| 1.0

11|10|00|01|00|10|01|10|11|01|01|11|01|11|01|10| 1.0

10|10|10|10|01|11|01|10|11|01|01|11|01|10|01|00| 0.0

11|11|00|11|00|10|11|10|01|01|01|10|01|11|11|00| 0.0

11|10|00|10|00|11|01|01|10|01|01|11|01|00|01|10| 0.0

Generation --> 198

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|10|01|11|01|10|11|11|01|00| 3.0

01|00|00|10|10|11|01|10|01|01|00|10|01|11|01|00| 1.0

10|10|00|11|00|11|01|10|01|01|01|11|01|11|01|00| 1.0

01|11|00|11|00|11|01|10|01|01|01|11|01|11|01|10| 1.0

01|00|10|00|00|11|01|10|01|11|01|10|01|11|01|00| 1.0

11|11|00|01|00|10|01|10|10|01|01|01|01|11|01|00| 1.0

11|11|00|11|00|10|11|10|01|01|01|10|01|11|01|00| 1.0

01|11|00|10|00|11|00|10|10|01|01|11|01|01|01|00| 0.0

01|10|00|10|00|11|01|01|10|01|01|11|01|00|01|10| 0.0

Generation --> 199

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|10|10|00|11|01|10|00|11|01|10|11|11|01|00| 3.0

01|00|00|10|10|11|00|10|01|11|01|10|11|11|01|00| 2.0

10|11|00|11|00|10|01|10|10|01|01|01|01|11|01|00| 1.0

01|11|00|11|00|11|01|10|01|01|01|10|01|11|01|00| 1.0

01|00|00|00|00|11|01|10|01|11|01|10|01|11|01|00| 1.0

11|10|10|00|00|11|01|10|01|11|01|00|01|11|01|01| 1.0

11|11|00|10|00|01|01|10|01|01|01|10|01|11|11|00| 0.0

01|10|00|10|00|11|01|01|10|01|01|10|01|10|01|00| 0.0

01|11|00|10|01|11|00|10|10|01|01|11|01|01|01|00| 0.0

Generation --> 200

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|00|10|00|11|01|01|10|01|01|10|01|11|01|00| 8.0

00|10|10|11|00|11|01|10|00|11|01|10|11|11|01|00| 3.0

11|01|00|10|00|01|01|10|01|11|01|10|01|11|01|00| 3.0

01|00|00|10|10|11|00|10|01|11|01|10|01|11|01|00| 2.0

01|11|00|10|01|11|01|10|01|01|00|10|01|11|01|00| 1.0

10|11|00|11|00|00|11|10|00|01|01|10|11|11|01|00| 1.0

01|00|00|01|00|11|01|10|00|10|01|10|11|11|01|00| 1.0

11|11|10|00|00|11|11|10|01|11|00|00|01|11|01|00| 1.0

01|10|10|10|00|11|01|10|00|11|01|10|01|11|11|00| 0.0

Generation --> 201

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|10|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|01|00|10|00|01|11|10|01|01|01|10|01|11|01|00| 2.0

01|00|10|10|10|11|00|10|01|11|01|10|01|11|01|00| 2.0

01|10|00|10|00|11|01|01|00|01|00|10|01|11|01|01| 1.0

00|10|10|11|00|11|01|10|01|01|01|10|01|11|01|00| 1.0

01|01|00|11|00|00|11|00|00|01|01|10|11|11|01|00| 1.0

10|11|00|11|00|00|11|10|00|01|01|10|11|11|01|00| 1.0

01|00|00|01|00|11|01|10|00|10|01|10|11|11|01|01| 1.0

11|11|00|00|00|11|01|01|10|01|01|10|01|11|01|00| 1.0

Generation --> 202

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|10|10|00|11|01|10|01|01|01|00|01|11|01|00| 8.0

11|11|00|10|01|01|01|10|01|01|01|10|01|11|01|00| 3.0

10|10|00|10|00|11|00|10|01|01|01|10|01|10|01|01| 2.0

01|10|10|10|00|11|11|10|01|00|01|10|01|11|01|00| 2.0

01|00|10|10|10|11|00|10|01|11|01|10|01|11|01|00| 2.0

00|10|11|10|00|01|11|10|00|01|01|11|01|11|01|00| 2.0

10|11|00|11|00|11|01|00|01|11|01|11|01|11|01|00| 1.0

11|11|10|00|00|11|01|10|01|01|01|01|01|11|01|00| 1.0

01|00|00|10|00|11|01|01|01|01|01|10|10|11|00|01| 0.0

Generation --> 203

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|11|10|00|01|01|10|01|01|01|10|01|11|01|00| 3.0

01|00|10|10|10|11|00|10|01|01|01|10|01|11|01|00| 2.0

11|11|10|11|01|01|01|11|01|00|01|10|01|11|01|00| 1.0

11|10|00|10|00|11|00|10|01|00|00|10|01|11|01|00| 1.0

00|11|00|11|00|11|01|10|01|01|01|10|01|11|01|00| 1.0

01|11|10|00|01|01|01|10|01|01|01|10|01|11|00|00| 0.0

10|10|00|00|00|11|00|10|01|01|01|00|01|10|01|01| 0.0

11|11|10|00|00|11|01|10|01|11|01|11|01|11|00|00| 0.0

Generation --> 204

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|00|10|01|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|00|10|10|10|01|00|10|01|01|01|11|01|11|01|00| 2.0

10|00|10|10|10|11|10|11|01|01|01|10|01|11|01|00| 2.0

00|11|00|11|00|11|01|10|01|01|01|10|01|11|01|00| 1.0

01|11|10|00|01|01|01|11|01|01|01|10|01|11|01|00| 1.0

10|11|00|11|00|11|01|10|01|01|01|10|01|11|01|01| 1.0

01|10|11|10|11|01|01|10|01|01|01|10|01|01|01|00| 0.0

11|11|10|11|01|01|01|10|01|01|01|10|01|01|01|00| 0.0

Generation --> 205

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|10| 8.0

00|00|10|10|10|10|01|10|01|01|01|10|01|11|01|00| 3.0

01|00|10|10|10|01|00|10|01|01|01|10|01|11|01|01| 2.0

01|11|10|00|01|01|01|11|01|01|01|00|01|11|01|10| 1.0

10|11|00|11|00|11|01|10|01|01|01|10|01|10|01|00| 1.0

11|11|10|11|00|11|01|10|11|01|01|10|01|11|01|10| 1.0

01|11|11|10|01|01|01|10|00|01|01|10|01|11|11|00| 0.0

00|11|00|11|10|11|01|11|01|01|01|10|01|01|00|00| 0.0

Generation --> 206

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|00|10|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|11|10|10|10|10|01|10|01|01|01|10|01|11|01|00| 3.0

01|00|10|10|10|01|00|10|01|01|01|00|01|11|01|00| 2.0

01|11|10|00|01|01|01|11|00|01|01|01|01|11|01|10| 1.0

10|11|10|11|00|11|00|10|01|01|01|11|01|11|01|00| 1.0

11|11|10|11|00|11|01|10|11|01|01|00|01|11|01|10| 1.0

00|10|00|11|00|11|01|10|01|01|01|00|01|11|00|00| 0.0

10|10|00|10|00|11|01|10|01|01|01|10|01|11|00|00| 0.0

00|11|00|11|10|11|01|11|01|01|01|10|01|01|01|00| 0.0

Generation --> 207

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|10|00|11|01|10|01|10|01|00| 8.0

00|10|00|10|10|11|01|10|01|01|01|10|11|11|01|00| 3.0

01|00|10|10|10|01|00|10|01|01|01|00|01|11|01|00| 2.0

00|01|10|11|00|11|01|10|01|01|01|10|01|11|01|00| 1.0

11|00|10|11|10|01|00|10|01|01|01|00|01|11|01|00| 1.0

10|10|10|11|01|11|00|10|01|01|01|10|01|11|01|00| 1.0

00|10|00|10|00|11|01|10|00|01|11|10|00|11|01|00| 1.0

00|11|00|11|10|11|01|11|01|01|01|10|01|01|01|10| 0.0

Generation --> 208

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|00|00|10|00|11|01|10|01|01|01|00|01|11|01|10| 8.0

00|00|10|10|10|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|10|11|01|10|01|01|01|10|11|11|01|00| 3.0

01|10|00|10|01|11|01|10|00|11|01|10|01|10|11|01| 0.0

00|10|00|10|10|11|01|10|00|11|01|00|01|10|00|00| 0.0

00|00|00|00|00|10|01|10|01|01|01|10|01|01|01|00| 0.0

11|00|10|11|10|01|00|10|01|01|01|00|00|10|01|01| 0.0

10|10|10|11|01|11|00|10|01|01|01|10|01|11|00|00| 0.0

01|01|10|11|10|11|01|11|01|01|01|11|01|01|01|10| 0.0

Generation --> 209

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|00|10|10|10|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|10|10|10|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|00|10|01|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|00|10|10|00|11|00|00|01|01|01|00|01|11|01|00| 2.0

00|10|00|00|10|11|01|11|01|01|01|10|11|11|01|00| 1.0

11|00|00|11|10|01|01|10|01|01|01|00|00|11|01|10| 1.0

01|01|10|11|10|11|01|11|01|01|01|10|01|11|01|00| 1.0

00|10|00|10|10|11|01|00|00|10|01|00|01|01|01|10| 0.0

10|10|10|11|11|11|00|10|01|01|01|10|01|11|00|00| 0.0

Generation --> 210

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|01|10|10|10|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|01|10|10|10|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|00|10|10|11|01|00|00|10|01|00|01|11|01|00| 8.0

10|00|10|10|11|11|10|10|01|01|01|10|01|11|01|00| 2.0

01|10|00|10|01|01|01|10|01|01|00|00|01|11|01|10| 1.0

00|10|00|00|10|11|01|11|01|00|00|10|11|11|01|00| 1.0

01|00|10|11|10|11|01|11|01|01|01|10|01|11|01|00| 1.0

10|10|10|10|11|11|01|10|01|01|01|10|01|01|01|00| 0.0

11|00|00|11|10|01|01|10|01|01|01|10|01|01|01|00| 0.0

Generation --> 211

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|01|10|10|10|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|00|10|10|11|01|00|00|00|01|00|01|11|01|00| 8.0

10|10|11|10|11|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|01|10|10|10|10|01|10|00|01|01|10|01|11|01|00| 3.0

00|10|10|10|01|01|01|10|01|01|00|00|01|11|01|10| 1.0

01|00|10|11|10|11|01|11|01|01|00|00|01|11|01|10| 1.0

00|10|00|10|10|01|01|10|01|01|01|10|01|11|11|00| 0.0

10|00|10|10|10|11|01|10|01|01|00|10|00|11|00|00| 0.0

11|01|00|11|10|01|01|10|01|01|01|10|01|01|01|00| 0.0

Generation --> 212

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|11|10|11|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|10|10|10|11|01|00|00|00|01|00|01|11|01|00| 8.0

10|01|10|10|10|11|01|10|01|01|11|10|01|11|01|00| 1.0

01|00|10|11|10|11|01|11|01|01|01|10|01|11|01|00| 1.0

10|10|00|10|10|11|01|10|01|01|00|10|01|11|01|00| 1.0

11|01|00|11|10|01|01|00|01|01|01|10|01|11|01|00| 1.0

00|10|00|10|10|11|01|00|00|00|01|10|01|01|01|00| 0.0

10|01|10|10|10|00|01|10|00|01|01|10|01|11|00|00| 0.0

00|10|00|10|10|01|01|10|01|01|01|00|01|11|11|00| 0.0

Generation --> 213

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|01|10|10|10|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|11|10|10|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|10|10|10|00|01|11|00|00|01|00|01|11|01|00| 3.0

10|10|00|10|00|11|11|11|01|01|01|10|01|11|01|00| 2.0

01|00|00|11|10|11|01|10|01|01|01|10|01|11|01|00| 1.0

11|01|00|11|10|01|01|00|01|01|01|10|00|11|01|01| 1.0

00|10|00|11|10|11|01|00|00|01|00|10|01|11|01|00| 1.0

10|10|10|10|10|11|01|00|00|00|01|01|01|11|11|00| 0.0

00|10|10|10|10|01|01|00|00|00|01|00|01|11|00|00| 0.0

Generation --> 214

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|01|10|10|10|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|11|10|10|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|00|10|10|10|01|01|00|00|01|01|10|01|11|01|00| 3.0

10|10|10|10|00|11|11|10|01|01|01|10|01|11|01|00| 2.0

10|10|00|10|00|11|11|11|01|01|01|10|01|11|01|10| 2.0

01|00|00|11|11|10|01|10|00|01|01|10|01|11|01|01| 1.0

11|01|00|11|10|01|00|00|01|01|01|11|00|11|01|00| 1.0

00|10|00|11|10|11|01|00|01|01|01|10|00|11|01|11| 1.0

10|11|00|10|10|00|01|10|00|00|11|00|01|01|01|00| 0.0

Generation --> 215

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|01|10|10|10|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|00|10|10|00|11|11|10|01|01|01|10|01|11|01|00| 2.0

10|10|10|10|00|11|11|10|01|00|01|10|01|11|01|00| 2.0

10|11|11|00|11|11|01|10|01|01|01|10|01|11|01|00| 1.0

01|00|00|11|11|10|01|10|00|01|01|10|00|11|01|01| 1.0

00|10|00|11|10|11|01|00|01|01|01|10|00|11|01|01| 1.0

11|10|00|10|10|11|01|10|01|01|01|10|01|11|11|00| 0.0

11|01|00|11|10|01|00|00|01|01|01|10|01|10|01|00| 0.0

00|11|00|10|10|00|11|10|00|00|11|00|01|01|01|00| 0.0

Generation --> 216

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|01|10|10|10|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|00|10|00|11|01|10|11|01|01|11|01|11|01|00| 8.0

10|01|10|10|10|01|01|10|01|01|01|10|01|11|01|00| 3.0

00|10|00|11|00|11|01|11|01|01|01|10|11|11|01|00| 3.0

00|00|10|10|10|11|11|10|00|00|01|10|01|11|01|00| 2.0

00|10|10|10|00|11|11|10|01|00|01|10|01|11|01|10| 2.0

11|01|10|10|01|11|11|10|01|01|01|10|01|11|01|00| 2.0

11|11|11|00|10|11|01|10|01|01|01|10|01|11|01|00| 1.0

00|11|00|10|10|00|11|10|00|00|11|10|01|11|01|00| 1.0

Generation --> 217

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|01|10|10|10|11|01|10|01|01|01|00|01|11|01|00| 8.0

00|11|10|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|01|10|10|00|11|01|11|01|01|01|00|01|11|01|00| 8.0

00|00|00|11|00|11|01|11|01|01|01|10|11|11|01|00| 3.0

00|00|11|10|10|11|11|10|00|00|01|00|01|11|01|00| 2.0

11|10|10|10|11|11|01|10|00|00|11|10|01|11|01|11| 1.0

11|11|00|00|10|11|01|10|01|01|01|10|01|11|01|00| 1.0

00|11|00|10|10|00|11|10|10|00|11|10|01|11|01|00| 1.0

10|00|10|10|10|01|01|10|11|01|01|11|01|11|00|00| 0.0

Generation --> 218

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|01|10|10|10|11|01|11|00|01|01|10|01|11|01|00| 8.0

00|01|10|10|00|11|01|10|01|01|01|10|01|11|01|01| 8.0

00|01|10|00|00|11|01|10|01|11|01|00|01|11|01|00| 1.0

10|00|10|11|10|11|01|11|01|01|01|01|01|11|01|00| 1.0

00|00|00|11|00|01|01|11|01|01|01|10|11|11|01|00| 1.0

11|10|11|10|11|11|01|10|00|00|11|10|01|11|01|00| 1.0

00|11|00|11|10|00|11|10|10|00|11|10|01|11|01|00| 1.0

01|01|10|10|00|11|00|10|01|01|01|10|01|11|00|00| 0.0

10|10|00|10|00|11|01|10|01|01|01|00|01|11|00|00| 0.0

Generation --> 219

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|01|11|10|00|11|01|10|01|01|01|10|01|11|01|01| 8.0

11|10|11|10|11|11|01|10|01|01|01|10|01|11|01|01| 8.0

00|01|11|10|00|11|01|10|01|11|01|10|01|11|01|00| 8.0

10|00|10|11|10|11|01|11|01|11|01|10|01|11|01|01| 1.0

00|00|00|11|00|01|01|11|01|01|01|10|01|11|01|01| 1.0

10|01|10|10|10|11|01|10|01|11|11|10|01|01|01|01| 0.0

00|11|00|11|11|00|10|10|10|00|11|10|01|10|11|00| 0.0

01|01|11|10|00|11|00|10|01|01|01|10|00|11|00|00| 0.0

00|10|00|10|00|11|01|10|01|01|00|00|01|10|00|00| 0.0

Generation --> 220

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|01|11|10|00|11|01|11|01|01|01|11|01|11|01|00| 8.0

11|10|11|10|11|11|01|10|11|10|01|10|01|11|01|01| 8.0

10|00|11|10|00|11|01|10|01|00|01|10|01|11|01|01| 8.0

11|10|11|10|11|11|01|10|01|01|01|10|01|11|01|01| 8.0

00|01|11|00|00|11|01|10|01|01|01|10|01|11|01|11| 1.0

00|00|01|11|00|01|01|11|01|00|01|00|01|11|01|00| 1.0

00|11|00|11|11|00|10|11|11|11|01|10|01|11|01|00| 1.0

00|10|00|00|00|11|01|10|00|01|10|00|01|11|01|01| 1.0

10|01|10|10|10|11|11|10|01|01|01|10|11|01|01|01| 0.0

Generation --> 221

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|11|11|10|11|11|01|10|11|10|01|11|01|11|01|00| 8.0

00|01|11|10|11|11|01|00|01|01|01|10|01|11|01|01| 8.0

00|00|01|10|01|11|01|10|01|01|01|10|01|11|01|01| 8.0

00|01|11|10|11|11|11|10|01|01|01|10|01|10|01|01| 2.0

11|10|11|10|11|11|01|10|01|01|11|10|01|11|01|01| 1.0

10|00|01|11|00|01|11|11|01|00|01|00|01|11|01|00| 1.0

00|11|00|11|11|00|10|11|11|11|01|10|01|11|01|00| 1.0

00|00|00|00|01|11|01|11|00|11|01|11|01|11|01|00| 1.0

10|01|11|10|10|11|11|10|01|01|01|10|11|01|01|00| 0.0

Generation --> 222

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|00|01|10|01|11|01|10|01|01|01|10|01|11|01|01| 8.0

10|01|11|10|11|11|00|10|10|11|01|11|00|11|01|00| 2.0

00|01|11|10|11|11|01|00|01|01|00|10|01|11|01|01| 1.0

11|10|10|00|11|11|01|00|01|01|01|11|01|11|01|01| 1.0

10|01|11|10|01|11|01|10|01|01|11|10|01|11|01|01| 1.0

10|00|01|11|00|01|11|11|01|01|01|00|01|11|01|01| 1.0

00|11|00|11|11|00|10|11|01|11|01|10|01|11|01|00| 1.0

00|00|01|00|01|11|01|00|01|01|01|10|01|11|01|01| 1.0

11|11|01|10|11|11|01|10|11|10|01|01|01|10|01|00| 0.0

Generation --> 223

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|00|11|10|11|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|01|11|10|01|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|00|01|10|01|11|01|11|01|10|01|00|11|11|01|00| 3.0

11|11|01|10|11|11|00|10|11|11|01|10|01|11|01|01| 2.0

00|01|11|10|11|11|01|00|01|01|10|10|01|11|01|01| 1.0

11|10|10|00|11|11|01|10|01|00|01|10|01|11|01|00| 1.0

11|00|01|11|00|01|11|11|01|11|01|00|01|11|01|00| 1.0

00|11|00|11|10|00|01|10|00|01|01|10|01|11|01|00| 1.0

00|00|01|00|10|11|01|00|01|01|01|11|01|11|01|10| 1.0

Generation --> 224

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|00|11|10|11|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|01|11|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|00|01|10|01|11|01|11|01|10|01|00|01|11|01|01| 8.0

10|01|11|10|11|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|00|11|10|11|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|01|10|01|11|01|11|01|10|01|00|11|11|01|00| 3.0

11|11|10|10|01|11|01|10|01|10|01|00|11|11|01|00| 3.0

00|11|01|11|10|00|01|10|01|01|01|10|01|11|01|00| 1.0

00|00|01|00|10|11|01|00|01|00|01|11|01|11|01|00| 1.0

Generation --> 225

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|00|11|10|11|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|01|11|10|10|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|00|01|10|01|11|01|11|01|10|01|00|01|11|01|00| 8.0

11|00|11|10|11|11|01|10|01|01|01|10|01|11|01|01| 8.0

11|10|01|10|01|11|01|11|01|10|01|11|01|11|01|00| 8.0

00|11|01|10|11|11|00|11|01|01|01|10|01|11|01|00| 2.0

11|11|10|10|01|11|01|10|11|10|00|00|11|11|01|00| 1.0

00|00|01|00|10|11|01|10|01|01|01|10|01|11|01|00| 1.0

10|01|11|10|11|11|01|10|01|01|01|10|01|11|11|00| 0.0

Generation --> 226

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|00|11|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|01|00|10|11|11|01|10|01|00|01|10|01|11|01|10| 8.0

11|00|11|10|11|11|01|10|01|01|01|10|01|10|01|01| 8.0

11|11|10|10|01|11|01|10|11|01|01|10|01|11|01|00| 8.0

00|11|01|10|11|11|01|11|01|10|01|10|11|11|01|00| 3.0

00|00|00|10|00|01|01|11|01|10|11|00|01|11|01|00| 1.0

01|00|01|00|10|11|01|10|01|01|11|00|01|11|01|00| 1.0

11|10|01|10|01|11|01|11|01|10|01|10|01|11|00|00| 0.0

10|01|11|10|11|11|01|10|01|01|01|00|01|11|11|00| 0.0

Generation --> 227

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|00|11|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|00|11|10|11|11|01|10|01|01|01|10|01|10|01|00| 8.0

11|11|10|10|01|01|01|10|01|01|01|00|01|11|01|10| 3.0

00|11|01|10|11|11|01|11|01|10|01|10|11|11|01|00| 3.0

00|00|00|11|00|11|01|00|01|01|11|10|01|11|01|00| 1.0

11|10|01|00|01|11|01|11|01|11|01|10|01|11|01|00| 1.0

01|00|01|00|10|11|01|10|01|01|01|10|01|10|01|01| 1.0

10|01|00|10|11|11|01|10|01|01|01|10|01|10|00|00| 0.0

10|01|11|10|11|11|01|10|01|01|01|00|01|11|10|00| 0.0

Generation --> 228

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|00|11|10|11|11|01|10|11|01|01|10|01|10|01|00| 8.0

00|11|01|10|11|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|01|00|10|11|11|01|10|01|01|01|10|11|11|01|10| 3.0

11|11|10|10|01|01|01|10|01|01|01|10|01|10|01|00| 3.0

00|00|11|00|00|11|01|10|01|01|01|10|01|11|01|00| 1.0

00|00|00|11|00|11|01|10|01|01|01|10|01|11|01|00| 1.0

11|10|11|00|01|11|01|11|01|11|01|10|01|11|01|00| 1.0

01|00|01|00|10|11|00|10|01|01|01|10|01|10|01|11| 1.0

10|01|11|10|11|11|00|11|01|01|01|00|01|10|01|00| 0.0

Generation --> 229

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|00|11|10|11|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|01|00|10|11|11|01|10|01|11|01|10|01|11|01|00| 8.0

11|11|11|10|11|11|01|10|11|01|01|10|01|10|01|00| 8.0

00|11|00|10|11|00|01|10|01|01|01|10|01|11|01|00| 3.0

00|00|11|00|00|11|01|10|01|01|01|10|01|11|01|00| 1.0

01|00|01|00|10|11|10|10|01|01|01|10|01|10|01|11| 1.0

11|10|11|00|01|11|00|11|11|01|01|10|01|11|01|00| 1.0

10|01|11|10|11|11|00|11|01|01|01|10|01|01|01|00| 0.0

00|00|00|11|00|11|01|10|01|01|01|10|01|01|01|00| 0.0

Generation --> 230

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|01|00|10|11|11|01|10|01|11|01|10|01|11|01|00| 8.0

11|11|11|10|11|11|01|00|01|11|01|10|01|11|01|00| 8.0

00|01|00|10|11|00|01|10|01|01|01|10|01|11|01|00| 3.0

10|11|11|10|10|11|00|10|01|01|01|10|01|11|01|00| 2.0

00|00|10|00|00|11|01|10|01|01|01|10|01|10|01|00| 1.0

01|00|01|00|10|11|10|10|01|01|01|10|00|11|01|00| 1.0

00|00|00|11|00|01|01|10|01|01|01|10|01|11|01|00| 1.0

11|00|11|10|10|11|11|00|01|01|01|10|01|01|01|00| 0.0

11|00|11|10|10|11|01|10|01|01|01|10|01|11|11|00| 0.0

Generation --> 231

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|01|00|10|11|11|01|10|01|01|01|01|01|11|01|00| 8.0

00|00|00|10|11|11|01|10|00|11|01|00|01|11|01|00| 8.0

11|00|01|10|11|11|01|00|01|11|01|10|01|11|01|00| 8.0

11|10|11|10|11|10|01|10|01|11|01|10|01|11|01|10| 3.0

10|11|11|10|11|00|01|10|01|01|01|10|01|11|01|00| 3.0

00|11|00|11|11|00|01|10|01|01|01|10|01|11|01|00| 1.0

01|00|01|00|10|11|10|10|01|01|01|10|00|11|01|00| 1.0

11|11|11|10|11|11|01|00|11|11|01|10|00|11|11|00| 0.0

00|00|00|10|11|01|01|11|01|01|01|10|01|00|00|00| 0.0

Generation --> 232

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|01|00|10|11|11|01|10|01|01|01|01|01|11|01|00| 8.0

00|00|00|10|11|11|01|10|01|11|01|00|11|11|01|00| 3.0

00|11|00|10|11|10|01|11|00|11|01|00|01|11|01|10| 3.0

11|10|11|10|11|10|01|10|00|11|01|00|01|11|01|00| 3.0

00|00|10|10|10|01|01|11|01|01|01|10|01|11|01|00| 3.0

01|00|01|00|10|11|01|00|01|01|01|01|01|11|01|00| 1.0

11|01|01|00|11|10|01|00|11|01|01|10|01|11|11|00| 0.0

10|11|11|10|11|00|01|10|01|01|00|00|01|11|11|00| 0.0

11|11|11|10|11|11|01|10|11|11|01|10|00|11|11|10| 0.0

Generation --> 233

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|01|00|10|11|11|01|10|01|01|01|11|01|11|01|00| 8.0

00|00|00|10|11|11|01|10|01|11|01|00|11|11|01|00| 3.0

00|11|00|10|01|10|01|11|00|11|01|01|01|11|01|00| 3.0

11|10|11|10|10|10|01|10|00|11|01|00|01|11|01|00| 3.0

00|00|10|10|11|00|01|11|00|10|01|00|01|11|01|10| 3.0

01|11|11|10|11|10|01|10|00|11|01|00|01|11|01|00| 3.0

01|00|01|00|00|11|11|10|11|01|01|10|01|11|01|00| 1.0

11|01|01|00|11|10|01|00|01|01|01|10|01|01|11|00| 0.0

10|11|11|10|11|00|00|10|01|01|00|00|01|11|11|00| 0.0

Generation --> 234

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|11|10|11|11|01|10|01|01|01|11|01|11|01|00| 8.0

10|01|00|10|11|11|01|10|01|01|01|11|01|11|01|00| 8.0

00|10|00|10|01|01|01|10|01|11|01|11|01|11|01|00| 3.0

00|00|10|10|11|10|01|01|00|01|01|11|01|11|01|00| 3.0

01|11|11|10|11|10|00|10|00|11|01|00|01|11|01|00| 2.0

01|00|11|00|00|11|11|10|01|01|01|10|01|10|01|00| 1.0

11|01|01|00|11|11|01|10|01|01|01|11|01|11|01|00| 1.0

00|00|00|10|11|01|01|11|01|01|01|10|01|11|11|00| 0.0

01|10|10|10|11|00|01|11|00|10|01|00|01|11|11|10| 0.0

Generation --> 235

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|11|10|11|11|01|10|01|01|01|11|01|11|01|01| 8.0

00|00|10|10|11|10|01|01|00|01|01|11|00|11|01|00| 3.0

01|10|10|10|11|00|01|11|00|00|01|10|01|11|01|00| 3.0

01|00|11|00|00|11|11|10|01|01|11|10|01|10|01|00| 1.0

11|01|01|00|11|11|01|10|01|01|01|11|01|11|01|00| 1.0

10|01|00|10|11|11|01|10|01|01|01|11|01|10|01|00| 0.0

00|01|00|10|11|11|01|10|01|01|01|11|01|11|00|10| 0.0

00|00|00|10|11|01|01|11|01|01|01|10|01|01|01|00| 0.0

01|11|11|10|11|10|00|00|00|11|01|10|01|01|01|00| 0.0

Generation --> 236

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|11|10|11|11|01|10|11|01|01|10|01|11|01|00| 8.0

10|01|00|10|11|11|01|10|01|01|01|11|01|11|01|00| 8.0

00|00|00|10|11|01|01|10|00|00|01|10|01|11|01|00| 3.0

01|00|10|10|11|11|01|01|00|01|01|11|00|11|01|00| 3.0

00|01|00|11|11|11|01|00|01|01|01|10|01|11|01|00| 1.0

01|10|10|11|11|00|01|11|00|00|00|01|01|11|01|01| 1.0

11|01|01|00|11|11|01|10|01|01|01|11|01|11|01|00| 1.0

01|00|11|10|00|11|01|10|11|01|01|10|01|11|00|00| 0.0

00|00|10|10|11|10|01|11|01|01|01|11|01|10|01|01| 0.0

Generation --> 237

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|01|10|10|11|11|01|01|00|11|01|10|01|11|01|00| 8.0

00|00|00|10|11|01|01|10|00|10|01|10|01|11|01|00| 3.0

01|00|11|10|01|11|01|10|11|01|00|10|01|11|01|00| 1.0

11|10|11|00|11|11|01|00|01|00|01|11|01|11|01|00| 1.0

00|01|00|11|11|11|01|00|01|01|00|10|01|11|01|00| 1.0

11|01|01|00|11|11|01|10|11|01|01|10|01|11|01|00| 1.0

10|01|00|10|11|11|01|11|01|01|01|11|01|01|01|00| 0.0

01|10|10|11|11|00|01|11|00|00|00|01|00|10|01|00| 0.0

00|00|10|10|11|10|01|10|01|01|01|11|01|10|01|00| 0.0

Generation --> 238

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|01|10|00|11|01|10|01|01|01|11|01|11|01|00| 8.0

00|00|00|10|11|01|01|00|00|10|01|10|01|11|01|00| 3.0

01|01|10|10|11|11|00|10|01|01|01|10|01|11|01|00| 2.0

11|01|01|00|11|11|01|10|11|01|00|10|01|11|01|00| 1.0

01|10|11|11|11|10|01|11|00|00|00|01|11|11|01|00| 1.0

01|00|11|10|01|11|01|01|00|11|01|10|01|10|01|00| 0.0

11|10|11|00|11|11|01|10|01|01|01|10|01|01|01|00| 0.0

01|01|00|11|11|11|01|00|01|01|00|10|01|10|01|00| 0.0

10|01|00|10|11|11|01|11|01|01|01|11|01|01|01|00| 0.0

Generation --> 239

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|00|11|10|01|11|01|01|00|11|01|00|01|11|01|00| 8.0

11|01|00|10|10|11|01|11|01|01|01|10|01|11|01|00| 8.0

00|00|00|10|00|01|01|10|01|01|01|10|01|11|01|00| 3.0

00|10|01|10|00|11|11|10|01|01|01|10|01|11|01|00| 2.0

01|01|00|10|11|11|00|10|01|01|01|10|00|11|01|00| 2.0

11|11|01|00|11|11|01|10|11|01|01|11|01|11|01|00| 1.0

01|10|11|11|11|11|01|10|01|01|01|01|01|11|01|00| 1.0

11|11|11|00|11|11|01|10|11|01|00|10|01|11|01|00| 1.0

00|01|00|11|11|11|01|00|01|01|00|10|11|10|01|00| 0.0

Generation --> 240

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|00|00|10|10|11|01|11|01|01|01|11|01|11|01|00| 8.0

01|00|11|10|01|11|01|01|00|11|01|00|01|11|01|00| 8.0

11|11|10|10|00|11|01|10|01|01|01|10|10|11|01|00| 3.0

10|00|00|10|00|01|01|10|01|01|01|10|01|11|01|00| 3.0

00|10|01|10|01|11|11|10|01|01|01|10|01|11|01|00| 2.0

01|01|00|10|11|11|00|10|00|01|01|10|00|11|01|00| 2.0

11|10|01|00|10|11|01|10|00|01|01|10|01|11|01|00| 1.0

01|10|11|11|11|11|01|10|01|01|00|01|01|11|01|00| 1.0

11|01|01|10|11|11|01|01|00|11|01|00|01|11|11|00| 0.0

Generation --> 241

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|00|00|10|10|11|01|10|00|01|01|10|01|11|01|00| 8.0

11|11|10|10|00|11|01|11|01|01|01|11|01|11|01|00| 8.0

01|11|10|11|00|11|01|10|01|01|01|10|11|11|01|00| 3.0

00|11|01|10|01|11|11|10|01|01|01|10|01|11|01|00| 2.0

11|11|10|10|00|11|01|10|01|01|00|10|10|11|01|00| 1.0

01|00|10|11|11|11|01|10|01|01|01|10|01|11|01|00| 1.0

10|00|00|00|01|01|01|10|01|01|01|10|01|11|11|00| 0.0

01|01|01|10|11|11|00|10|00|01|01|00|00|11|11|00| 0.0

11|10|01|00|10|11|01|10|00|00|01|10|01|01|01|00| 0.0

Generation --> 242

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|00|00|10|10|11|01|10|00|01|01|10|01|11|01|01| 8.0

11|11|10|10|10|11|00|11|01|01|01|11|01|11|01|00| 2.0

00|10|01|10|01|11|11|10|01|01|01|10|01|11|01|10| 2.0

01|01|01|10|11|11|00|11|01|01|01|11|01|11|01|00| 2.0

00|11|00|11|00|11|01|11|01|01|11|11|01|11|01|00| 1.0

01|00|10|11|11|11|01|10|01|01|01|10|01|11|01|00| 1.0

10|00|00|00|00|11|01|10|01|01|01|10|11|11|01|00| 1.0

11|11|10|10|00|11|01|10|01|01|01|10|01|11|10|00| 0.0

11|10|01|00|10|11|01|10|00|00|01|10|01|01|01|01| 0.0

Generation --> 243

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|00|00|10|00|11|01|10|00|01|01|10|01|11|01|00| 8.0

01|10|00|10|10|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|11|10|10|00|11|01|10|00|01|01|10|01|11|01|01| 8.0

10|00|00|10|10|11|01|10|00|00|01|10|11|11|01|01| 3.0

11|11|10|10|10|11|00|11|01|01|11|11|01|11|01|00| 1.0

00|10|01|11|01|11|11|10|00|01|01|10|01|11|01|01| 1.0

00|11|00|11|00|11|01|11|01|01|11|11|01|11|01|00| 1.0

01|00|11|11|11|11|01|10|01|01|01|10|01|11|01|00| 1.0

11|10|01|00|10|11|01|10|00|01|01|00|01|01|01|01| 0.0

Generation --> 244

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|00|10|10|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|00|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|00|00|10|00|11|01|10|00|01|01|10|11|11|01|00| 3.0

01|11|10|10|00|11|01|10|00|01|10|10|01|11|01|01| 1.0

01|10|00|11|00|11|01|10|01|01|01|10|01|11|01|00| 1.0

01|00|11|11|11|11|01|10|01|01|00|10|01|11|01|00| 1.0

10|00|00|00|10|11|01|10|01|01|01|00|01|11|00|00| 0.0

01|11|00|11|00|11|01|10|01|01|01|10|01|11|11|00| 0.0

11|10|00|00|10|11|01|10|00|01|01|00|01|01|01|01| 0.0

Generation --> 245

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|00|00|10|00|11|01|10|01|01|01|10|01|10|01|00| 8.0

01|00|00|10|00|11|01|10|00|01|01|10|01|11|01|01| 8.0

11|10|10|10|00|11|01|10|01|01|01|10|01|11|01|01| 8.0

01|11|10|10|00|11|11|10|00|00|01|10|01|11|01|00| 2.0

01|10|00|10|10|11|01|10|01|01|00|10|01|11|01|00| 1.0

01|10|11|10|11|10|01|10|11|01|00|10|01|11|01|00| 1.0

01|11|00|11|00|11|01|10|01|01|01|10|01|11|01|00| 1.0

01|10|00|11|00|11|01|10|01|01|01|10|01|01|01|00| 0.0

10|00|00|00|10|11|01|10|01|01|01|00|01|11|00|00| 0.0

Generation --> 246

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|00|10|01|11|01|10|01|01|01|10|01|10|01|00| 8.0

01|10|11|10|11|10|01|00|01|01|01|10|01|11|01|01| 3.0

01|11|11|10|00|11|11|11|00|00|01|10|01|11|01|01| 2.0

01|01|00|00|00|11|01|10|00|11|01|10|01|11|01|01| 1.0

11|10|11|11|00|11|11|10|01|00|01|10|01|11|01|00| 1.0

01|11|00|11|01|11|01|10|01|01|01|10|01|11|01|01| 1.0

01|10|00|10|10|11|01|10|01|01|00|10|01|01|01|01| 0.0

01|10|00|01|00|11|01|10|01|01|01|10|01|01|11|00| 0.0

10|00|01|00|10|11|01|10|01|11|01|00|01|11|00|00| 0.0

Generation --> 247

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|00|10|01|11|01|11|00|00|01|10|01|11|01|01| 8.0

01|01|01|10|11|11|01|10|01|01|01|10|01|10|01|00| 8.0

10|00|00|10|01|11|01|10|01|00|01|10|01|10|01|00| 8.0

01|10|11|10|11|10|01|10|01|01|01|10|01|11|01|01| 3.0

11|10|11|10|01|10|01|00|11|01|01|10|01|11|01|01| 3.0

00|01|00|00|01|11|01|10|01|01|01|10|01|10|01|00| 1.0

00|11|00|11|01|11|01|10|01|01|01|10|01|10|01|00| 1.0

01|00|00|10|10|11|01|10|01|01|00|10|01|10|01|00| 1.0

01|00|00|01|00|11|11|10|00|00|01|10|01|11|01|01| 1.0

Generation --> 248

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|01|01|10|11|11|01|10|01|00|01|10|01|11|01|01| 8.0

10|00|00|10|11|11|01|10|01|00|01|10|01|10|01|01| 8.0

11|10|00|10|01|11|01|11|00|00|10|10|00|11|01|01| 1.0

01|10|11|11|11|10|01|10|01|01|01|10|01|11|01|00| 1.0

00|01|00|00|01|11|11|10|01|01|01|10|11|11|01|00| 1.0

00|10|00|11|01|11|11|10|01|00|01|10|01|11|01|01| 1.0

01|00|00|01|00|11|11|10|00|00|01|10|11|10|01|00| 1.0

01|00|00|10|11|11|01|10|01|01|01|10|01|10|11|00| 0.0

11|00|11|10|01|10|01|00|11|01|01|10|01|10|01|00| 0.0

Generation --> 249

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|00|00|10|11|01|01|10|01|00|01|10|01|10|01|01| 3.0

01|01|01|10|11|11|11|10|10|00|01|11|01|11|01|01| 2.0

01|10|11|11|11|10|00|10|01|00|10|10|00|11|01|01| 1.0

00|01|00|01|01|11|01|10|00|00|01|10|01|10|01|01| 1.0

10|10|01|11|11|11|11|10|01|01|01|10|01|11|01|01| 1.0

01|01|01|10|11|11|01|10|01|00|01|10|01|11|00|01| 0.0

11|10|00|10|01|11|00|10|01|00|01|10|01|11|00|01| 0.0

01|00|00|10|01|11|01|11|00|00|10|10|00|11|00|01| 0.0

11|00|10|10|01|10|01|00|11|01|01|11|01|10|01|00| 0.0

Generation --> 250

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|01|01|10|11|01|01|10|01|00|01|10|11|10|01|01| 3.0

00|00|00|10|01|01|01|10|01|00|01|10|01|11|01|01| 3.0

11|10|10|10|01|10|01|00|01|01|01|10|01|11|01|00| 3.0

10|00|01|11|11|01|01|10|01|00|01|11|01|11|01|01| 1.0

01|10|01|11|11|10|00|10|01|00|10|10|00|11|01|01| 1.0

00|11|00|01|11|11|01|10|01|01|01|10|01|10|01|00| 1.0

10|10|01|11|11|01|01|10|01|01|01|10|01|10|01|00| 1.0

11|10|11|11|01|10|00|10|01|00|10|10|00|11|01|01| 1.0

01|01|01|10|11|11|01|10|01|01|01|10|01|10|11|00| 0.0

Generation --> 251

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|01|01|10|11|11|01|10|01|00|01|10|11|10|01|01| 3.0

00|00|00|10|00|01|01|10|01|01|01|10|01|11|01|00| 3.0

11|10|11|10|01|10|01|10|01|00|01|10|11|10|01|01| 3.0

01|01|01|10|11|11|01|10|11|00|11|10|10|10|01|01| 1.0

10|00|01|11|11|01|01|10|01|00|01|11|10|11|01|01| 1.0

01|10|01|11|11|10|00|10|01|00|10|10|00|11|01|01| 1.0

00|11|00|01|11|11|01|10|01|01|01|10|01|11|01|00| 1.0

10|10|01|11|11|01|01|10|01|00|01|10|00|11|01|10| 1.0

11|10|11|11|01|10|00|10|01|00|10|10|00|11|01|00| 1.0

Generation --> 252

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|01|01|10|10|11|01|10|01|01|01|10|01|11|01|10| 8.0

01|00|00|10|00|01|01|10|01|01|01|10|01|10|01|01| 3.0

00|10|00|11|11|11|01|10|01|00|01|10|11|10|01|01| 3.0

00|01|10|00|10|01|01|00|01|01|01|10|01|11|01|00| 1.0

01|01|01|01|11|11|01|10|11|00|11|10|10|11|01|00| 1.0

10|00|01|11|11|01|01|10|01|00|01|10|11|11|01|00| 1.0

01|10|01|11|10|10|00|10|01|00|10|10|00|11|01|01| 1.0

10|10|01|11|11|01|01|10|11|00|11|10|10|11|01|01| 1.0

11|10|11|11|01|01|01|10|01|00|01|11|10|11|01|01| 1.0

Generation --> 253

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|00|00|10|10|11|01|10|01|01|01|10|01|10|01|01| 8.0

00|10|00|10|11|11|01|10|01|00|01|10|11|10|01|01| 3.0

10|10|01|11|01|11|01|10|01|00|01|10|11|10|01|01| 3.0

10|10|11|11|10|11|01|10|01|10|01|10|11|10|01|01| 3.0

01|01|00|00|00|11|01|10|01|01|01|10|00|11|01|00| 1.0

01|00|00|10|00|01|01|10|01|00|10|10|00|11|01|11| 1.0

00|01|10|00|10|11|01|00|01|01|01|00|01|11|01|10| 1.0

10|00|01|11|11|01|01|10|01|01|01|10|01|11|01|00| 1.0

01|10|11|11|10|10|00|11|01|01|10|10|00|11|11|01| 0.0

Generation --> 254

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|00|00|10|10|11|01|10|01|01|01|10|01|10|01|01| 8.0

10|10|00|10|00|11|01|10|01|01|01|00|01|11|01|00| 8.0

00|01|10|10|10|11|01|00|01|01|01|00|01|11|01|00| 8.0

10|10|01|11|01|11|01|10|01|01|01|10|01|11|01|00| 1.0

10|10|11|11|10|11|11|10|00|10|01|00|01|11|01|00| 1.0

01|00|00|10|00|01|01|10|10|10|10|10|00|11|01|00| 1.0

10|01|01|11|11|01|01|10|01|10|01|10|11|10|01|01| 1.0

00|10|00|10|11|11|01|10|01|00|01|00|11|10|01|01| 0.0

01|10|11|11|10|10|00|11|01|01|01|10|11|10|01|01| 0.0

Generation --> 255

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|00|10|11|11|01|11|01|01|01|00|01|11|01|00| 8.0

01|00|00|10|10|01|01|10|01|01|01|10|01|11|01|00| 3.0

10|10|00|10|10|11|11|10|01|11|01|10|01|10|01|01| 2.0

00|01|10|10|10|11|01|10|10|10|10|10|00|11|01|00| 1.0

10|10|01|01|01|11|01|00|00|01|01|00|01|11|01|10| 1.0

10|01|01|11|11|01|01|10|01|10|01|00|01|11|01|00| 1.0

01|10|01|11|01|11|01|10|11|11|01|10|01|11|01|00| 1.0

11|10|00|10|00|11|01|10|01|01|01|10|01|10|11|01| 0.0

01|00|00|10|00|01|01|10|10|10|10|10|00|11|11|00| 0.0

Generation --> 256

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|01|00|00|11|01|10|01|01|01|10|01|11|01|00| 1.0

01|00|00|10|01|01|01|10|01|11|00|10|01|11|01|01| 1.0

01|00|01|01|01|11|01|00|00|01|01|00|01|11|01|10| 1.0

00|01|10|10|10|11|11|10|11|11|10|10|00|11|01|00| 1.0

10|10|01|01|01|11|01|00|00|01|01|00|01|11|01|00| 1.0

10|01|01|01|11|01|01|10|01|10|01|00|01|11|01|00| 1.0

00|10|00|10|11|01|01|11|01|00|01|01|01|11|11|00| 0.0

10|10|00|10|10|11|10|10|01|11|01|10|01|00|01|10| 0.0

11|10|00|10|00|11|01|10|01|01|01|10|01|10|11|00| 0.0

Generation --> 257

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|00|10|11|01|01|11|00|01|01|10|00|11|01|00| 3.0

01|10|01|00|00|11|01|10|01|01|01|10|01|11|01|00| 1.0

00|00|01|01|01|11|01|00|00|01|01|00|01|11|01|10| 1.0

01|00|00|10|01|01|01|10|01|11|00|10|01|11|01|01| 1.0

10|10|00|10|01|11|10|11|11|11|10|10|00|11|01|00| 1.0

00|11|10|10|10|11|11|10|11|11|10|10|00|01|01|00| 0.0

10|10|01|01|01|11|01|00|00|01|01|00|01|10|11|01| 0.0

11|10|01|10|00|11|01|10|01|01|01|00|01|10|11|00| 0.0

Generation --> 258

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|11|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|10|10|00|01|01|10|01|01|01|10|00|11|01|00| 3.0

10|10|01|10|00|11|00|10|01|01|01|10|01|11|01|00| 2.0

00|10|00|10|11|00|01|11|00|01|11|10|00|11|01|00| 1.0

01|10|00|10|01|11|10|11|11|11|10|10|00|11|01|00| 1.0

10|10|00|11|00|11|10|11|11|11|10|10|01|11|01|00| 1.0

00|00|01|01|01|11|01|00|00|01|01|00|01|10|01|00| 0.0

00|01|10|10|10|11|11|10|11|11|00|10|00|01|01|00| 0.0

Generation --> 259

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|01|00|10|00|11|01|10|01|01|01|10|00|10|01|00| 3.0

01|10|10|10|00|01|01|10|01|01|01|10|00|11|01|01| 3.0

00|10|00|10|11|00|01|10|01|01|01|10|00|11|01|00| 3.0

01|10|10|10|00|01|00|11|01|01|01|11|00|11|01|00| 2.0

10|10|01|10|00|11|00|10|00|01|01|11|01|11|01|00| 2.0

10|10|00|11|00|10|10|11|11|11|11|10|01|11|01|00| 1.0

00|00|01|01|01|11|01|00|00|01|01|10|01|11|01|00| 1.0

00|10|00|10|01|11|01|00|01|01|01|10|00|11|00|00| 0.0

01|10|10|10|10|01|01|10|00|01|01|00|01|11|00|00| 0.0

Generation --> 260

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|11|00|10|01|11|01|00|01|01|01|10|01|11|01|00| 8.0

10|01|01|10|01|11|01|10|01|01|01|10|00|11|01|01| 3.0

00|10|00|10|11|00|01|10|01|01|01|10|00|11|01|00| 3.0

10|10|00|10|00|01|11|10|01|01|01|10|00|11|01|01| 2.0

10|10|01|10|00|11|00|10|00|01|01|11|01|11|01|01| 2.0

01|10|10|10|10|11|01|00|01|01|01|10|01|11|00|10| 0.0

01|10|10|10|00|01|01|10|01|01|01|10|01|11|00|00| 0.0

01|11|10|10|00|01|00|11|01|01|01|11|00|11|00|00| 0.0

00|00|01|01|01|11|01|00|00|01|11|01|01|10|01|00| 0.0

Generation --> 261

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|00|10|11|00|01|10|01|01|01|10|01|11|01|00| 3.0

01|11|10|10|00|01|01|11|01|01|01|11|00|11|01|01| 3.0

10|10|00|10|00|01|11|10|01|11|01|10|01|11|01|00| 2.0

00|10|01|10|00|11|00|10|00|01|01|11|00|11|01|01| 2.0

01|10|10|10|10|11|01|00|01|01|11|10|01|11|01|00| 1.0

11|01|01|00|01|11|01|10|01|01|01|10|00|11|01|01| 1.0

00|00|01|01|01|11|11|10|01|01|01|10|00|11|01|00| 1.0

00|11|00|10|01|11|01|00|01|01|01|10|01|11|11|00| 0.0

01|10|10|10|00|11|01|10|01|01|01|10|01|11|00|00| 0.0

Generation --> 262

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|10|10|10|11|01|11|01|01|01|11|01|11|01|01| 8.0

00|10|00|10|11|00|01|10|01|01|01|10|00|10|01|00| 3.0

00|10|01|10|00|11|00|10|00|01|01|10|01|11|01|00| 2.0

10|10|00|11|00|11|01|10|11|01|01|10|01|11|01|00| 1.0

01|11|10|00|00|01|01|10|01|11|01|10|00|11|01|01| 1.0

11|01|01|00|01|11|01|10|01|01|01|10|01|11|01|00| 1.0

00|00|01|01|01|11|11|10|01|01|01|10|01|11|01|00| 1.0

00|11|00|10|11|11|01|00|01|01|01|10|00|11|11|00| 0.0

01|10|10|10|00|11|01|10|01|01|01|10|01|11|00|00| 0.0

Generation --> 263

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|10|10|10|11|01|11|11|01|01|11|01|11|01|01| 8.0

01|00|11|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|11|00|10|11|11|01|00|01|01|01|10|00|11|01|11| 3.0

00|10|01|10|11|00|01|10|01|01|11|10|00|10|01|00| 1.0

10|10|00|11|00|10|01|10|10|01|01|11|01|11|01|00| 1.0

01|11|10|01|00|01|11|10|01|11|01|10|00|11|01|01| 1.0

11|01|01|00|01|11|01|10|01|01|11|10|01|11|01|01| 1.0

00|00|01|01|01|11|01|10|01|01|01|10|00|10|01|00| 1.0

00|10|00|10|11|11|01|11|01|01|01|11|00|01|01|01| 0.0

Generation --> 264

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|10|10|10|11|01|11|01|01|01|10|01|11|01|00| 8.0

00|11|00|10|11|11|00|11|01|01|01|10|01|11|01|00| 2.0

00|10|00|10|11|00|00|10|00|01|01|10|01|11|01|00| 2.0

10|10|00|11|00|10|01|10|10|01|00|11|01|11|01|00| 1.0

01|11|10|01|00|01|11|10|01|11|01|10|01|11|01|00| 1.0

11|01|01|00|01|11|01|00|01|01|01|10|01|11|01|00| 1.0

00|00|01|01|00|11|01|10|01|01|01|10|00|10|01|00| 1.0

01|00|11|10|00|11|01|10|00|00|01|10|01|10|11|10| 0.0

00|10|00|10|11|11|01|11|01|01|01|11|00|01|01|11| 0.0

Generation --> 265

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|10|01|01|01|11|01|11|01|00| 8.0

10|10|00|10|00|10|01|10|01|01|01|10|11|11|01|00| 3.0

00|11|00|10|11|10|00|10|01|01|01|10|01|11|01|00| 2.0

00|10|00|10|11|01|00|10|00|01|01|10|00|11|01|01| 2.0

10|10|00|01|01|11|00|11|01|01|01|10|01|11|01|00| 1.0

01|11|01|00|00|01|01|10|01|11|01|10|00|10|01|00| 1.0

11|01|01|00|01|11|01|00|01|01|01|10|00|11|01|00| 1.0

00|00|01|01|00|11|01|10|01|01|01|10|01|11|01|00| 1.0

01|10|10|10|10|11|01|11|01|11|01|10|01|10|01|00| 0.0

Generation --> 266

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|10|01|01|01|11|01|11|01|00| 8.0

10|00|00|10|10|11|01|00|01|01|01|10|00|11|01|00| 3.0

10|10|00|10|00|10|01|10|01|00|01|10|11|11|01|00| 3.0

00|10|01|00|11|01|00|10|00|01|01|10|00|11|01|00| 1.0

10|10|00|00|01|11|00|11|01|01|01|11|01|11|01|00| 1.0

01|01|01|00|00|01|01|10|01|11|01|10|00|11|01|00| 1.0

11|01|01|00|01|11|01|00|01|01|01|10|00|11|01|00| 1.0

00|00|01|01|00|11|01|10|01|01|01|10|01|11|01|00| 1.0

00|11|00|10|01|00|00|10|00|01|01|10|11|01|01|00| 0.0

Generation --> 267

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|00|10|00|11|01|10|01|01|01|11|01|11|01|00| 8.0

10|10|00|10|01|10|01|10|01|11|01|11|01|11|01|00| 3.0

10|00|00|10|00|10|00|00|01|01|01|10|00|11|01|00| 2.0

10|10|00|10|00|11|01|10|01|00|00|10|11|11|01|00| 1.0

00|10|01|00|11|01|00|10|00|01|01|10|00|11|01|00| 1.0

10|10|00|00|01|11|00|11|01|01|01|11|01|11|01|00| 1.0

01|01|01|00|00|01|01|10|01|11|01|00|00|11|01|00| 1.0

00|00|01|11|00|11|01|10|01|01|01|11|01|11|01|00| 1.0

00|11|10|10|01|00|00|10|00|01|11|10|11|00|01|00| 0.0

Generation --> 268

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|01|10|00|11|01|10|00|01|01|10|01|11|01|00| 8.0

01|10|01|10|00|11|01|11|01|01|01|10|11|11|01|00| 3.0

10|00|00|10|00|10|00|10|00|01|01|10|00|11|01|00| 2.0

10|10|00|10|01|10|00|00|01|01|11|10|00|11|01|00| 1.0

00|10|00|10|01|00|00|10|01|01|11|11|01|11|01|00| 1.0

10|10|01|10|00|01|01|11|00|00|00|10|11|11|01|01| 1.0

00|10|01|00|10|01|00|10|00|01|01|10|00|11|01|00| 1.0

10|10|00|00|01|11|00|11|01|01|01|11|01|11|01|00| 1.0

00|00|01|11|00|11|01|10|01|01|01|00|01|11|01|10| 1.0

Generation --> 269

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|01|10|00|11|01|11|01|01|01|10|11|11|01|00| 3.0

10|10|00|10|11|10|01|11|01|00|01|10|11|11|01|10| 3.0

10|00|00|10|00|10|00|10|00|01|01|00|00|11|01|00| 2.0

00|10|00|11|01|00|00|10|01|01|01|10|01|11|01|00| 1.0

11|10|01|11|00|10|00|10|01|00|11|01|01|11|01|00| 1.0

10|00|10|11|00|10|01|10|00|00|00|00|11|11|01|01| 1.0

10|10|01|00|10|01|00|10|01|01|11|10|11|11|01|00| 1.0

10|10|00|00|01|11|01|10|00|11|11|10|01|11|01|00| 1.0

10|10|01|10|00|01|01|11|00|01|01|00|01|11|00|00| 0.0

Generation --> 270

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|00|10|00|11|01|11|01|01|01|10|11|11|01|00| 3.0

10|10|00|10|11|10|01|11|01|00|01|10|11|11|01|00| 3.0

10|10|00|10|11|00|01|01|11|00|01|11|11|11|01|10| 3.0

10|00|00|10|00|10|00|00|00|01|11|00|00|11|01|00| 1.0

00|10|00|11|01|00|00|00|00|01|01|10|01|11|01|00| 1.0

10|00|10|11|01|10|01|11|01|00|01|00|11|11|01|10| 1.0

10|10|01|00|10|01|00|11|11|01|11|10|11|11|01|00| 1.0

00|10|01|00|01|11|01|10|00|11|11|10|01|11|01|00| 1.0

10|11|01|10|00|01|01|11|00|01|01|00|01|11|00|00| 0.0

Generation --> 271

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|00|11|00|11|01|01|01|00|01|11|11|11|01|00| 3.0

10|00|00|10|11|10|01|11|01|00|01|10|11|11|01|00| 3.0

11|11|01|10|00|01|01|11|01|00|01|11|11|11|01|10| 3.0

10|10|00|10|11|10|00|11|01|00|01|10|11|11|01|00| 2.0

10|10|00|00|11|10|01|11|01|00|01|10|11|11|01|00| 1.0

10|00|00|10|10|10|00|00|00|01|11|00|00|11|01|00| 1.0

10|10|01|00|10|01|00|11|11|01|11|10|11|11|01|00| 1.0

00|10|00|11|01|00|00|00|00|00|01|10|01|10|01|10| 0.0

10|10|10|11|00|11|01|10|01|01|01|10|01|11|00|00| 0.0

Generation --> 272

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|11|01|10|00|01|01|10|01|01|01|11|01|11|01|00| 3.0

10|00|00|10|10|11|01|01|01|00|01|11|11|11|01|00| 3.0

10|10|00|10|11|10|00|11|11|00|01|11|11|11|01|00| 2.0

11|11|00|11|00|01|11|00|11|00|01|11|11|11|01|00| 1.0

10|01|00|10|11|10|01|10|01|01|00|10|01|11|01|00| 1.0

10|00|00|00|11|10|01|11|01|00|01|10|11|11|01|00| 1.0

00|10|00|11|01|01|00|11|01|01|11|11|11|11|01|00| 1.0

10|10|10|11|00|11|01|10|01|01|01|10|01|11|01|00| 1.0

10|10|01|00|10|11|00|11|11|01|11|10|11|01|01|00| 0.0

Generation --> 273

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|11|01|10|00|01|01|10|01|01|01|11|01|11|01|00| 3.0

10|00|01|10|00|01|01|10|01|01|01|11|01|11|01|00| 3.0

10|01|00|10|11|11|01|01|01|00|01|11|11|11|01|01| 3.0

10|10|00|10|10|11|01|01|01|00|01|11|11|11|01|00| 3.0

00|10|00|01|11|10|00|11|11|00|01|11|11|11|01|00| 1.0

11|11|00|11|00|00|11|00|11|00|01|11|11|11|01|00| 1.0

10|00|00|00|00|01|01|10|01|01|01|11|01|11|01|00| 1.0

00|10|00|11|01|01|01|10|11|01|01|11|11|11|01|00| 1.0

10|10|10|11|00|11|01|10|01|01|01|10|01|11|01|00| 1.0

Generation --> 274

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|11|01|10|00|01|01|10|01|01|01|11|01|11|01|10| 3.0

10|10|01|10|00|01|01|10|01|00|01|11|01|11|01|00| 3.0

10|00|00|10|10|11|01|01|01|00|01|11|11|11|01|00| 3.0

10|10|00|10|10|11|01|01|00|00|01|11|11|11|01|01| 3.0

11|11|00|11|00|00|11|00|11|00|01|11|11|11|01|01| 1.0

11|00|00|00|00|01|01|11|01|01|01|11|11|11|01|00| 1.0

00|10|00|11|01|01|00|11|11|00|01|11|11|11|01|00| 1.0

11|10|10|11|00|01|01|10|01|00|01|10|01|11|01|10| 1.0

00|10|00|01|11|00|00|11|11|01|01|11|11|10|00|00| 0.0

Generation --> 275

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|01|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|00|10|00|11|01|10|01|01|01|00|00|11|01|00| 3.0

11|11|00|10|00|01|00|10|01|11|01|11|01|11|01|10| 2.0

10|00|00|11|00|11|01|10|01|01|01|10|01|11|01|00| 1.0

11|11|00|11|00|00|11|00|11|00|01|11|11|11|01|00| 1.0

11|00|10|11|00|01|01|10|01|10|01|11|11|11|01|01| 1.0

10|10|01|10|10|11|01|01|00|00|01|11|11|01|11|01| 0.0

11|00|00|00|00|00|01|10|01|00|01|01|01|10|01|10| 0.0

00|10|00|01|00|01|01|10|01|00|01|11|01|10|01|00| 0.0

Generation --> 276

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|00|10|10|00|01|01|10|01|01|01|10|00|11|01|00| 3.0

10|10|01|10|10|11|00|10|01|01|01|10|01|10|01|00| 2.0

11|11|00|11|00|01|00|10|01|11|01|11|01|11|01|10| 1.0

10|00|01|11|00|11|01|10|01|01|01|10|01|11|01|10| 1.0

11|11|00|11|00|00|11|00|11|00|01|11|01|11|01|10| 1.0

00|10|00|01|00|01|01|10|01|01|01|10|01|11|01|00| 1.0

11|10|01|10|00|11|01|10|01|00|01|00|00|11|00|00| 0.0

01|10|00|11|00|11|01|10|01|01|00|00|00|01|01|10| 0.0

11|00|00|00|00|01|00|10|01|01|01|10|00|11|11|00| 0.0

Generation --> 277

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|00|10|10|00|01|01|10|01|00|01|10|00|11|01|10| 3.0

10|10|01|10|10|11|00|10|01|01|01|10|11|10|01|00| 2.0

11|11|00|11|00|01|00|10|01|11|01|11|01|11|01|10| 1.0

10|00|01|11|01|01|01|00|11|00|01|11|01|11|01|10| 1.0

11|11|00|11|00|00|11|00|11|00|00|11|01|11|01|11| 1.0

01|10|00|01|00|11|01|10|01|01|01|10|01|11|01|10| 1.0

01|10|00|11|00|11|00|10|01|11|01|11|01|11|01|10| 1.0

11|10|01|10|00|11|01|10|01|00|01|00|00|11|00|01| 0.0

11|00|00|00|00|01|10|10|01|01|01|01|00|11|11|00| 0.0

Generation --> 278

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|11|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|00|10|10|00|11|01|10|01|01|01|10|00|11|01|00| 3.0

11|00|11|10|00|01|01|10|01|00|01|10|01|11|01|10| 3.0

11|10|10|10|00|01|01|10|01|00|01|10|00|11|01|11| 3.0

11|00|00|10|00|01|01|10|01|00|01|10|00|11|01|10| 3.0

10|10|01|10|10|11|00|10|01|01|01|00|01|11|01|00| 2.0

11|10|01|00|00|11|00|10|11|01|01|10|01|11|01|00| 1.0

11|11|00|11|00|11|01|10|01|01|01|10|01|11|01|00| 1.0

11|11|01|11|00|11|00|00|01|11|01|11|01|11|01|10| 1.0

Generation --> 279

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|11|00|10|00|11|01|10|01|01|01|10|11|11|01|00| 3.0

11|00|11|10|00|01|01|10|01|10|01|10|01|11|01|00| 3.0

11|10|10|11|00|01|01|10|01|00|01|10|00|11|01|10| 1.0

11|00|00|10|00|01|01|10|01|00|11|10|00|11|01|10| 1.0

00|10|01|11|10|11|00|10|01|01|01|00|01|11|01|00| 1.0

11|10|01|00|00|01|11|10|01|01|11|11|01|11|01|10| 1.0

11|11|00|11|00|11|01|10|01|01|01|10|01|11|01|00| 1.0

11|11|11|11|01|01|00|00|01|10|01|10|01|11|01|00| 1.0

10|00|11|10|00|01|01|10|00|00|01|10|11|11|00|10| 0.0

Generation --> 280

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|11|00|10|00|11|01|00|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|10|01|00|01|10|01|11|01|00| 8.0

11|00|11|10|00|01|01|10|01|10|01|10|01|11|01|10| 3.0

10|00|11|10|00|01|01|10|00|00|01|10|00|11|01|10| 3.0

11|00|00|10|00|01|00|10|01|10|01|10|01|11|01|00| 2.0

11|10|10|11|00|01|01|10|01|00|01|10|00|11|01|00| 1.0

00|10|01|11|10|11|00|10|01|01|01|00|00|11|01|00| 1.0

11|10|01|11|01|01|00|00|11|10|01|10|01|11|01|00| 1.0

11|10|01|10|00|11|01|10|01|01|01|10|00|00|01|00| 0.0

Generation --> 281

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|11|00|10|00|11|01|00|01|01|01|10|01|11|01|00| 8.0

00|11|00|10|00|11|01|00|01|01|01|10|01|11|01|00| 8.0

11|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|00|00|10|01|11|01|10|01|00|01|10|01|11|01|00| 8.0

10|00|11|10|10|01|01|11|00|00|01|00|00|11|01|10| 3.0

11|00|00|10|00|01|00|10|01|10|01|11|01|11|01|00| 2.0

00|10|00|10|00|11|01|00|01|01|00|10|01|11|01|01| 1.0

11|00|11|00|00|01|01|10|01|10|01|10|01|10|01|00| 1.0

11|10|10|11|00|01|01|10|01|00|01|11|00|11|01|00| 1.0

Generation --> 282

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|00|10|00|11|01|10|01|10|01|11|01|11|01|00| 8.0

00|00|00|10|01|11|01|10|01|00|01|10|01|11|01|00| 8.0

10|11|00|10|00|11|11|00|01|01|01|10|01|11|01|00| 2.0

10|00|00|10|00|01|00|10|01|01|01|10|01|11|01|00| 2.0

11|10|10|11|00|10|01|10|01|01|01|10|00|11|01|00| 1.0

00|11|00|00|00|11|01|00|01|01|01|10|01|10|01|10| 0.0

10|11|00|10|00|10|01|00|01|01|01|10|01|01|01|10| 0.0

11|10|00|11|00|11|01|10|01|01|01|10|01|01|01|00| 0.0

10|00|11|00|00|01|01|10|01|10|01|10|01|01|01|00| 0.0

Generation --> 283

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|10|01|10|01|11|01|11|01|00| 8.0

11|10|00|10|00|01|01|10|01|10|01|11|01|11|01|00| 3.0

01|10|00|10|00|01|01|10|11|00|01|01|01|11|01|10| 3.0

00|11|00|10|01|11|11|10|01|00|01|10|01|10|01|00| 2.0

10|11|00|10|00|11|11|00|01|10|01|11|01|11|01|00| 2.0

10|11|00|10|00|11|11|00|01|01|01|10|01|11|01|00| 2.0

00|00|00|10|01|11|01|10|01|00|00|10|00|11|01|00| 1.0

10|00|11|00|00|01|01|10|01|01|01|10|01|11|01|00| 1.0

11|10|00|11|00|11|01|10|01|00|01|10|01|11|11|00| 0.0

Generation --> 284

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|11|00|10|01|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|11|00|10|00|11|11|10|01|10|01|11|01|11|01|00| 2.0

11|10|00|11|00|11|01|01|11|11|01|11|01|11|01|00| 1.0

00|00|01|10|01|11|01|10|01|00|00|10|01|11|01|10| 1.0

10|00|11|00|00|01|01|10|01|10|01|11|01|11|01|00| 1.0

11|10|00|11|00|11|10|10|01|00|01|10|01|11|01|00| 1.0

10|10|00|10|10|11|01|10|01|10|00|11|01|10|01|00| 0.0

01|10|00|10|00|01|01|10|11|00|01|01|00|01|01|00| 0.0

10|11|00|10|00|11|11|10|01|01|01|10|01|11|00|00| 0.0

Generation --> 285

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|10|00|01|01|10|01|11|01|00| 8.0

10|11|00|10|01|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|11|00|10|01|01|01|10|01|01|01|10|01|11|01|00| 3.0

00|11|00|10|01|11|00|10|01|01|01|10|01|11|01|00| 2.0

00|00|01|10|11|11|11|10|01|00|01|10|01|11|01|00| 2.0

10|10|11|00|00|01|01|10|01|10|00|11|01|11|01|00| 1.0

11|10|00|11|00|11|10|10|01|11|01|10|01|11|01|00| 1.0

00|11|00|10|01|11|01|00|01|01|01|10|01|11|00|00| 0.0

01|10|00|11|00|00|01|10|11|00|01|01|00|01|01|00| 0.0

Generation --> 286

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|10|00|01|01|10|01|11|01|10| 8.0

10|11|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|00|10|10|01|11|01|10|01|01|01|10|01|11|01|10| 8.0

10|11|00|10|01|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|11|00|10|01|11|00|10|01|01|01|10|01|11|01|00| 2.0

00|11|00|10|01|11|01|01|11|01|00|10|01|11|01|00| 1.0

00|10|11|00|00|01|01|10|00|10|00|01|01|11|01|00| 1.0

11|10|01|11|00|11|10|10|00|01|01|10|01|11|01|00| 1.0

01|00|00|11|10|00|01|10|11|00|01|01|00|01|01|00| 0.0

Generation --> 287

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|01|11|01|10|01|01|01|10|01|11|01|10| 8.0

00|00|10|10|01|11|01|10|01|01|01|10|01|11|01|10| 8.0

00|00|10|10|01|10|01|10|01|01|01|10|01|11|01|00| 3.0

10|11|00|10|01|11|00|10|01|01|01|00|01|11|01|00| 2.0

10|11|00|00|00|11|01|10|01|01|01|10|01|11|01|10| 1.0

11|10|00|11|00|11|01|10|01|01|01|10|01|11|01|00| 1.0

00|11|00|10|01|11|01|01|11|01|00|10|01|11|01|00| 1.0

00|11|11|00|01|01|01|10|00|10|00|01|01|11|01|00| 1.0

10|10|00|10|00|11|00|10|00|01|01|10|01|00|01|10| 0.0

Generation --> 288

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|00|10|01|11|01|10|01|01|01|10|01|11|01|10| 8.0

10|00|10|10|01|00|01|10|01|01|01|10|01|11|01|00| 3.0

00|11|10|10|00|11|00|10|01|01|01|10|01|11|01|10| 2.0

10|11|00|10|01|11|00|10|01|01|01|00|01|11|01|00| 2.0

00|00|10|10|01|11|01|10|01|01|11|10|01|11|01|10| 1.0

00|00|10|11|01|10|00|00|01|01|01|10|01|11|01|00| 1.0

10|11|00|00|00|10|01|10|01|01|01|10|00|11|01|00| 1.0

00|11|11|00|00|01|01|11|00|10|01|10|00|11|01|00| 1.0

11|10|00|11|01|10|01|10|01|01|01|10|11|00|01|00| 0.0

Generation --> 289

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|00|10|10|00|10|01|11|01|01|01|10|00|11|01|00| 3.0

00|11|10|10|00|11|00|10|11|01|01|00|01|11|01|00| 2.0

00|11|00|10|01|10|00|10|01|01|01|00|01|11|01|00| 2.0

00|00|10|10|01|11|00|10|01|01|01|00|01|11|01|00| 2.0

00|10|00|10|01|11|01|00|01|01|00|10|01|11|01|01| 1.0

00|00|10|10|01|11|00|10|01|01|11|10|01|11|01|00| 1.0

11|11|01|00|00|11|01|10|01|01|01|11|00|11|01|00| 1.0

00|11|11|00|01|11|01|10|01|01|01|10|01|11|01|10| 1.0

11|10|00|11|01|10|01|10|11|01|01|11|11|00|01|00| 0.0

Generation --> 290

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|11|00|10|00|10|01|11|01|01|01|11|00|11|01|00| 3.0

00|11|00|10|01|10|00|10|01|01|01|00|01|11|01|00| 2.0

00|00|10|10|01|11|00|10|01|01|01|00|01|11|01|00| 2.0

10|00|10|11|00|10|01|10|01|01|01|11|01|11|01|00| 1.0

00|00|10|00|01|11|01|11|01|01|11|10|00|11|01|00| 1.0

00|10|00|11|01|10|00|10|01|01|01|00|01|11|01|00| 1.0

11|11|01|00|00|01|01|10|01|01|01|11|00|11|01|00| 1.0

00|11|11|00|00|11|00|10|11|01|01|00|01|11|01|00| 1.0

Generation --> 291

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|10|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|00|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|11|00|10|00|10|01|11|01|01|01|00|01|11|01|00| 3.0

11|11|00|10|00|11|00|10|01|01|01|11|01|11|01|10| 2.0

10|10|00|10|00|10|00|11|01|01|01|11|00|11|01|00| 2.0

00|11|00|10|01|10|00|10|01|01|01|01|01|11|01|00| 2.0

11|11|01|00|00|11|01|10|01|01|01|00|01|11|01|00| 1.0

00|11|11|00|00|11|00|00|01|01|11|10|01|11|01|00| 1.0

00|00|10|11|01|11|00|10|01|01|11|11|00|11|00|00| 0.0

Generation --> 292

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|00|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|10|10|00|11|01|10|01|01|01|10|01|11|01|01| 8.0

10|10|10|10|00|10|01|10|01|01|01|10|01|11|01|00| 3.0

00|11|10|10|00|10|01|11|01|01|01|01|01|11|01|10| 3.0

01|11|11|00|00|11|10|00|01|01|01|10|01|11|01|00| 1.0

00|00|10|11|01|11|00|11|01|01|01|00|01|11|01|00| 1.0

11|11|00|10|00|11|00|10|01|01|00|10|00|11|00|00| 0.0

00|11|10|10|01|10|00|10|01|01|01|11|01|11|11|00| 0.0

11|11|01|00|00|11|01|10|01|01|01|00|00|10|01|00| 0.0

Generation --> 293

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|00|00|10|00|11|01|10|01|01|01|10|01|11|01|11| 8.0

10|10|11|10|00|01|01|10|01|01|01|10|01|11|01|00| 3.0

01|11|10|10|00|10|01|11|01|01|01|01|01|11|01|10| 3.0

10|00|00|10|00|11|01|10|01|01|11|10|01|11|01|00| 1.0

01|11|10|00|00|10|10|10|01|01|01|11|01|11|01|00| 1.0

00|00|00|10|00|11|01|10|01|01|01|10|00|01|01|01| 0.0

10|10|00|10|00|11|01|10|01|01|01|10|01|01|01|00| 0.0

11|11|00|10|00|11|00|10|01|01|10|00|00|11|00|10| 0.0

00|11|10|10|01|10|00|10|01|01|01|00|00|10|01|00| 0.0

Generation --> 294

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|10|01|01|01|11|01|11|01|10| 8.0

00|00|01|10|00|11|11|10|01|01|01|00|01|11|01|01| 2.0

10|00|01|00|00|11|01|10|01|01|11|10|01|11|01|00| 1.0

10|10|11|10|00|11|01|10|01|01|00|10|01|11|01|00| 1.0

01|10|01|00|00|01|01|10|01|01|11|10|00|11|01|00| 1.0

10|00|00|10|10|11|01|10|01|01|11|10|01|11|01|11| 1.0

11|10|00|10|00|11|10|10|01|01|10|00|00|11|01|11| 1.0

00|11|10|10|01|10|00|10|01|01|01|00|01|10|01|00| 0.0

01|11|10|10|01|10|00|10|00|01|01|00|00|10|01|00| 0.0

Generation --> 295

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|10|01|01|01|00|01|11|01|01| 8.0

10|10|01|10|00|11|01|10|01|01|01|10|01|11|01|10| 8.0

00|00|01|10|00|11|11|10|01|01|01|00|01|11|01|00| 2.0

00|11|10|10|01|00|00|10|01|00|01|10|01|11|01|00| 2.0

10|00|01|00|00|11|01|10|01|01|00|11|01|11|01|10| 1.0

10|10|11|10|01|11|01|10|01|01|00|10|01|11|01|11| 1.0

01|10|01|00|10|11|01|10|01|01|01|11|11|11|01|11| 1.0

11|10|00|10|00|11|10|10|01|01|00|00|00|11|01|11| 1.0

00|11|00|10|00|11|01|11|01|01|01|11|01|00|01|10| 0.0

Generation --> 296

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|01|10|00|11|01|10|01|01|01|00|01|11|01|10| 8.0

00|11|11|10|00|11|01|11|01|01|01|00|01|11|01|01| 8.0

10|00|01|10|00|11|11|10|01|00|01|10|01|11|01|00| 2.0

11|10|00|10|00|11|10|10|01|01|01|10|01|11|01|10| 2.0

10|10|00|11|00|11|01|10|00|11|01|00|01|11|01|00| 1.0

00|00|01|10|00|11|11|10|01|01|00|00|01|11|01|00| 1.0

10|10|11|10|00|11|01|10|01|01|00|10|01|11|01|11| 1.0

01|10|01|00|10|11|01|10|01|01|01|11|11|11|01|10| 1.0

10|10|00|10|00|11|01|10|01|01|01|00|01|10|01|11| 0.0

Generation --> 297

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|01|10|00|11|01|00|01|01|01|00|01|11|01|00| 8.0

00|10|10|10|00|11|01|10|01|01|01|00|01|11|01|10| 8.0

11|10|11|10|00|11|01|01|01|01|01|10|01|11|01|01| 8.0

10|10|01|10|00|11|01|10|01|01|01|00|01|11|01|10| 8.0

01|00|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|11|10|00|11|01|10|01|01|01|00|01|11|01|01| 8.0

11|00|00|10|00|11|11|10|01|00|01|10|01|11|01|01| 2.0

01|10|00|10|00|11|01|10|01|01|01|00|11|10|01|00| 0.0

10|10|00|10|00|11|01|11|01|01|01|10|01|11|00|10| 0.0

Generation --> 298

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|10|10|00|11|01|10|00|01|01|00|01|11|01|10| 8.0

00|10|10|10|10|11|01|10|01|01|01|00|01|11|01|10| 8.0

01|00|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|11|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|00|10|01|11|01|10|01|01|01|00|01|11|01|01| 8.0

10|10|00|10|01|11|01|10|01|01|01|01|01|11|01|10| 8.0

00|10|01|10|00|01|01|10|01|01|01|00|01|11|01|00| 3.0

11|00|00|10|00|11|11|00|01|01|01|00|01|11|01|10| 2.0

10|10|01|10|00|11|01|10|01|01|00|00|01|11|01|10| 1.0

Generation --> 299

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|10|10|10|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|00|00|10|00|11|01|10|01|01|01|01|01|11|01|10| 8.0

11|10|00|10|01|11|01|10|01|01|01|01|01|11|01|10| 8.0

00|10|01|10|00|11|01|10|01|01|01|10|01|11|01|10| 8.0

00|10|00|10|00|01|01|11|01|01|01|10|01|11|01|00| 3.0

11|00|00|11|00|11|11|00|01|01|01|00|01|11|01|10| 1.0

00|10|10|10|01|11|11|10|00|01|00|00|01|11|11|00| 0.0

10|10|11|10|00|11|11|10|01|11|01|10|01|11|00|00| 0.0

11|10|00|10|01|11|01|00|01|01|01|00|01|01|01|00| 0.0

Generation --> 300

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|00|10|10|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|00|01|10|00|11|01|11|01|01|01|10|01|11|01|10| 8.0

10|10|11|10|01|11|01|10|01|01|01|01|01|11|01|10| 8.0

00|10|00|10|00|01|01|10|01|01|01|00|00|11|01|00| 3.0

00|10|01|10|00|11|11|01|01|01|01|00|01|11|01|11| 2.0

11|01|00|11|00|01|11|00|01|01|01|00|01|11|01|10| 1.0

11|10|01|10|00|11|01|10|01|01|01|10|01|11|11|11| 0.0

10|10|10|10|01|11|11|10|00|00|00|00|01|11|10|10| 0.0

11|10|11|10|00|11|11|10|01|11|01|10|01|11|00|10| 0.0

Generation --> 301

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|00|10|10|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|00|01|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|00|10|00|11|01|01|00|01|01|10|01|11|01|00| 8.0

11|10|01|10|10|10|01|10|01|01|01|10|01|11|01|00| 3.0

00|10|01|10|00|11|11|01|01|00|01|00|01|11|01|00| 2.0

11|10|11|10|10|11|11|11|01|00|01|10|01|11|01|10| 2.0

11|11|00|11|00|01|11|01|01|01|01|00|01|11|01|10| 1.0

10|10|11|10|01|11|01|10|01|01|01|10|01|11|10|10| 0.0

10|10|10|10|01|11|11|10|00|00|01|11|01|11|00|10| 0.0

Generation --> 302

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|11|00|10|10|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|11|10|01|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|01|10|00|11|01|01|01|00|01|00|01|11|01|00| 8.0

01|00|01|10|00|11|00|00|01|01|01|10|01|11|01|00| 2.0

00|10|00|10|00|11|01|01|00|01|11|10|01|11|01|00| 1.0

11|10|01|00|00|11|01|10|01|01|01|00|01|11|01|00| 1.0

10|10|00|00|00|11|01|10|01|01|01|10|01|11|01|00| 1.0

11|11|00|11|00|01|11|01|01|01|01|00|01|11|01|00| 1.0

11|10|11|10|00|11|01|00|01|01|01|10|01|01|01|00| 0.0

Generation --> 303

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|10|10|01|11|01|00|01|01|01|10|01|11|01|00| 8.0

01|10|01|10|00|11|01|01|01|00|01|00|01|11|01|00| 8.0

01|00|01|10|00|11|00|00|01|01|01|10|01|11|01|00| 2.0

00|11|11|10|11|11|01|10|01|01|00|10|01|11|01|00| 1.0

11|10|01|00|00|11|01|11|01|01|01|10|01|11|01|00| 1.0

10|10|00|00|00|11|01|10|01|01|01|10|01|11|01|01| 1.0

10|11|00|11|00|00|11|01|01|01|01|00|01|11|01|00| 1.0

10|10|11|10|11|11|01|10|01|00|01|10|01|11|00|00| 0.0

11|10|11|11|00|01|01|00|01|01|01|10|01|01|01|00| 0.0

Generation --> 304

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|10|10|01|11|01|10|01|01|01|10|01|11|01|01| 8.0

01|00|01|10|00|11|01|01|01|00|01|00|01|11|01|00| 8.0

10|10|00|10|00|11|01|01|01|00|01|00|01|11|01|10| 8.0

01|00|01|10|00|10|01|01|01|11|01|10|01|11|01|00| 3.0

10|11|00|10|00|11|01|10|01|01|11|10|01|11|01|00| 1.0

11|10|01|11|00|11|01|01|01|00|00|00|01|11|01|00| 1.0

10|10|00|01|00|11|01|11|01|11|01|10|01|11|01|00| 1.0

00|11|11|10|11|11|01|10|01|01|01|00|00|10|01|00| 0.0

10|10|11|11|11|01|01|10|01|00|00|10|01|11|00|00| 0.0

Generation --> 305

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|01|01|00|01|00|01|11|01|10| 8.0

01|00|01|10|00|11|01|01|01|00|01|00|01|11|01|10| 8.0

11|00|01|10|01|11|01|10|01|01|01|10|01|11|01|01| 8.0

10|10|10|10|01|10|01|10|01|01|01|10|01|11|01|00| 3.0

01|00|01|00|00|11|01|01|01|00|01|00|11|11|01|00| 1.0

10|00|00|10|00|10|01|10|01|01|00|01|01|11|01|00| 1.0

00|11|00|10|00|11|01|10|01|01|11|00|01|11|11|00| 0.0

00|10|00|01|00|11|01|01|01|00|11|00|01|11|11|00| 0.0

00|11|01|10|11|11|01|10|01|01|01|00|00|10|11|00| 0.0

Generation --> 306

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|00|01|10|11|11|01|10|01|01|01|10|01|11|01|11| 8.0

10|00|00|10|00|11|01|10|01|01|01|00|01|11|01|10| 8.0

00|10|00|10|00|11|01|01|01|00|01|00|11|11|01|10| 3.0

01|00|01|10|00|01|01|01|01|00|01|00|01|11|01|11| 3.0

10|10|11|10|01|00|01|10|01|01|01|10|01|11|01|00| 3.0

00|10|00|10|11|11|11|10|01|01|01|00|01|11|01|10| 2.0

01|00|00|00|00|11|01|10|01|01|01|10|01|11|01|00| 1.0

00|11|00|10|00|11|01|10|01|01|11|00|01|11|01|10| 1.0

00|10|01|01|00|11|00|01|01|00|01|10|01|11|01|01| 1.0

Generation --> 307

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|01|10|11|10|01|10|01|01|01|10|01|11|01|11| 3.0

10|10|11|10|01|00|01|10|00|00|01|00|11|11|01|00| 3.0

01|00|01|10|00|01|11|01|01|01|01|10|01|11|01|00| 2.0

11|00|01|10|11|11|01|10|01|01|11|10|01|11|01|11| 1.0

01|00|00|00|10|11|01|10|01|01|01|00|01|11|01|10| 1.0

10|00|10|10|00|11|01|10|01|01|11|00|01|10|01|10| 0.0

00|00|00|10|00|11|01|10|11|11|01|00|01|10|01|00| 0.0

00|10|00|10|01|11|01|10|01|01|01|10|01|10|00|11| 0.0

00|11|00|10|01|11|01|10|11|00|01|01|01|11|11|11| 0.0

Generation --> 308

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|10|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|11|00|10|01|11|01|11|11|11|01|11|01|11|01|00| 8.0

01|01|01|10|11|10|01|10|01|01|01|10|01|11|01|11| 3.0

00|10|00|10|01|11|01|10|00|00|01|00|11|11|01|00| 3.0

00|00|00|10|00|11|11|10|01|01|01|00|01|11|01|10| 2.0

00|11|01|10|10|10|00|10|01|00|01|10|01|11|01|00| 2.0

11|00|01|00|01|11|01|10|01|11|11|10|01|10|01|00| 1.0

01|00|00|10|00|11|01|10|01|01|11|10|01|11|01|00| 1.0

10|00|10|10|00|11|01|10|00|01|11|00|01|10|01|11| 0.0

Generation --> 309

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|10|10|00|11|01|10|01|11|01|10|01|11|01|11| 8.0

00|11|01|10|01|11|01|11|11|11|01|11|01|11|01|00| 8.0

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|00|10|00|01|01|10|01|01|01|10|01|11|01|00| 3.0

01|00|00|10|00|11|01|10|01|01|01|10|11|11|01|00| 3.0

01|11|01|10|11|10|01|10|01|00|00|10|01|11|01|00| 1.0

00|11|00|10|01|10|01|11|11|11|01|11|01|11|00|00| 0.0

00|11|00|10|01|11|01|11|11|01|01|11|01|11|11|00| 0.0

11|00|01|00|01|11|01|00|01|11|11|10|01|10|01|00| 0.0

Generation --> 310

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|00|10|00|11|01|11|01|01|01|10|01|11|01|00| 8.0

01|00|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|11|00|10|01|11|01|11|11|01|01|10|01|11|01|00| 8.0

00|10|00|10|00|10|01|10|01|01|01|10|01|11|01|10| 3.0

00|11|00|10|11|10|01|10|00|01|01|10|01|11|01|00| 3.0

10|10|00|10|10|11|00|10|01|01|00|10|01|11|01|00| 1.0

11|00|01|00|01|11|01|00|01|11|01|10|01|11|01|10| 1.0

00|10|00|10|00|01|01|10|01|10|01|10|01|11|00|11| 0.0

00|11|00|10|01|10|01|11|11|11|01|11|01|11|11|11| 0.0

Generation --> 311

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|11|00|10|01|11|01|11|10|01|01|00|01|11|01|00| 8.0

01|00|01|10|00|11|01|10|01|01|01|00|01|11|01|00| 8.0

00|11|00|10|01|11|01|11|11|01|01|10|01|11|01|00| 8.0

11|00|01|10|00|11|01|10|00|01|01|10|01|11|01|00| 8.0

00|11|00|10|11|10|01|10|11|01|01|10|01|11|01|00| 3.0

00|10|00|10|00|10|01|10|01|00|01|10|01|11|01|10| 3.0

00|10|00|10|00|10|11|11|00|01|01|10|01|11|01|00| 2.0

10|10|00|10|10|11|10|10|01|01|00|10|11|11|01|10| 1.0

00|11|00|10|00|10|01|11|11|11|01|11|01|11|11|11| 0.0

Generation --> 312

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|11|00|10|01|11|01|11|10|01|01|00|01|11|01|00| 8.0

00|11|00|10|01|11|01|11|11|01|01|00|01|11|01|00| 8.0

11|00|01|10|00|11|01|10|01|01|01|00|01|11|01|00| 8.0

00|11|00|10|10|11|01|11|11|01|01|10|01|11|01|00| 8.0

00|11|00|10|01|11|01|10|11|01|01|10|11|11|01|00| 3.0

00|11|00|10|11|10|01|10|11|01|01|10|01|11|01|00| 3.0

00|10|01|10|00|10|01|11|00|01|01|10|01|11|01|00| 3.0

00|11|00|11|01|11|11|11|10|01|01|10|01|11|00|00| 0.0

10|10|00|11|10|11|10|00|01|01|00|10|01|10|01|00| 0.0

Generation --> 313

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|11|10|10|01|11|01|11|10|01|01|00|01|11|01|00| 8.0

00|11|00|10|10|11|01|10|11|01|01|10|01|11|01|00| 8.0

00|11|01|10|10|11|01|11|11|01|01|10|01|11|01|00| 8.0

00|11|01|10|01|11|01|11|10|01|01|10|01|11|01|00| 8.0

00|11|00|10|01|11|01|10|11|01|01|10|11|11|01|00| 3.0

00|10|00|10|11|10|01|10|11|01|01|10|01|11|01|00| 3.0

11|00|00|10|01|11|00|11|11|10|01|00|01|11|01|00| 2.0

10|10|00|11|10|11|01|10|11|00|01|00|01|11|01|00| 1.0

00|10|01|10|00|10|01|11|00|01|01|10|01|11|00|00| 0.0

Generation --> 314

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|11|01|10|01|11|01|11|10|00|01|10|01|11|01|00| 8.0

00|11|01|10|10|11|01|10|11|01|01|11|01|11|01|00| 8.0

00|11|00|10|01|11|01|11|10|00|01|10|01|11|01|00| 8.0

00|10|00|10|00|11|01|10|01|01|01|10|01|11|01|10| 8.0

11|10|00|10|01|11|00|11|01|00|01|10|01|11|01|00| 2.0

00|11|00|11|11|11|01|11|10|01|01|10|01|11|01|00| 1.0

01|10|00|10|11|10|01|10|11|01|00|10|01|11|01|00| 1.0

00|11|00|10|10|11|01|10|11|01|01|10|01|01|01|00| 0.0

10|10|00|11|10|10|01|10|11|00|01|00|11|01|01|00| 0.0

Generation --> 315

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|11|01|10|01|11|01|11|10|00|01|10|01|11|01|00| 8.0

00|11|01|10|10|11|01|11|10|00|01|10|01|11|01|00| 8.0

00|11|01|10|10|11|01|10|11|01|01|11|01|11|01|00| 8.0

11|10|00|10|00|11|01|10|01|00|01|10|01|11|01|00| 8.0

01|10|00|10|10|11|01|11|10|00|01|10|01|11|01|00| 8.0

10|10|01|10|01|01|01|11|01|00|01|10|01|11|01|00| 3.0

00|10|01|00|00|11|01|10|01|01|01|10|01|11|01|00| 1.0

00|11|10|11|11|11|01|11|11|01|01|10|01|11|01|00| 1.0

00|11|00|11|10|11|01|00|10|01|01|10|01|01|01|10| 0.0

Generation --> 316

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|11|01|10|01|11|01|11|00|00|01|10|01|11|01|00| 8.0

11|10|00|10|00|11|01|10|01|00|01|10|01|11|01|00| 8.0

00|11|01|10|00|11|01|10|11|01|01|11|01|11|01|00| 8.0

10|10|01|10|01|01|01|11|01|10|01|10|01|11|01|00| 3.0

01|10|00|10|10|11|11|11|00|00|01|10|01|11|01|00| 2.0

00|01|01|01|10|11|01|11|00|01|01|10|01|11|01|00| 1.0

00|11|01|10|10|11|01|10|11|01|00|10|01|11|01|00| 1.0

10|11|01|00|00|11|01|10|01|01|01|10|01|11|01|00| 1.0

00|10|10|10|11|11|01|11|10|00|01|10|01|10|01|00| 0.0

Generation --> 317

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|11|01|10|01|11|01|11|10|00|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|10|01|00|01|10|01|11|01|00| 8.0

00|11|01|10|00|11|01|01|00|00|01|10|01|11|01|00| 8.0

11|10|00|10|00|10|01|10|01|00|01|10|11|11|01|00| 3.0

01|10|00|10|11|11|11|11|00|00|01|10|01|11|01|00| 2.0

00|11|01|10|10|11|01|10|00|01|11|10|01|11|01|00| 1.0

11|11|00|00|00|01|01|10|01|00|01|10|01|11|01|00| 1.0

00|01|01|01|10|11|01|10|01|01|01|10|01|11|01|00| 1.0

10|11|00|10|00|11|01|10|11|11|01|11|01|10|01|00| 0.0

Generation --> 318

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|10|01|00|01|00|01|11|01|00| 8.0

00|11|01|10|00|10|01|01|00|00|01|10|01|11|01|00| 3.0

11|10|00|10|00|10|01|11|10|00|01|10|01|11|01|00| 3.0

10|10|00|10|00|10|11|10|11|00|01|10|01|11|01|00| 2.0

00|00|00|10|11|11|11|11|00|00|01|10|01|11|01|00| 2.0

00|11|01|00|10|11|01|10|00|01|11|10|01|11|01|00| 1.0

11|10|00|00|00|01|01|00|00|01|01|00|01|11|01|00| 1.0

10|01|01|01|00|11|01|01|00|00|01|10|01|11|01|00| 1.0

00|11|01|10|01|11|11|11|10|00|01|10|11|01|01|00| 0.0

Generation --> 319

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|01|10|00|10|01|01|00|00|01|10|01|11|01|01| 3.0

11|10|10|10|00|10|01|11|00|00|01|10|01|11|01|00| 3.0

10|10|00|10|00|10|11|10|11|00|01|00|01|11|01|00| 2.0

00|00|00|10|01|11|11|11|10|00|01|10|01|11|01|00| 2.0

00|11|01|10|01|11|11|11|10|00|01|10|01|11|01|01| 2.0

10|10|00|00|00|11|11|10|00|00|01|00|01|11|01|00| 1.0

00|11|01|00|10|11|01|10|00|01|11|10|01|11|01|00| 1.0

10|01|01|00|00|11|11|10|01|01|01|10|01|11|01|00| 1.0

11|10|00|00|00|11|01|10|10|00|01|01|11|11|11|00| 0.0

Generation --> 320

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|01|10|01|10|01|10|01|01|01|10|01|11|01|00| 3.0

11|10|10|10|00|10|01|01|01|00|01|10|01|11|01|01| 3.0

10|10|00|10|00|10|01|10|10|00|01|10|01|11|01|01| 3.0

00|11|01|10|00|10|11|10|11|00|01|00|01|11|01|00| 2.0

10|10|00|10|01|11|01|10|00|01|00|10|01|11|01|00| 1.0

00|11|01|00|10|11|01|10|00|01|11|10|01|11|01|00| 1.0

10|01|01|00|00|01|11|10|01|00|01|10|01|11|01|10| 1.0

00|00|00|10|01|11|11|11|11|00|01|10|01|10|01|00| 0.0

11|10|00|00|00|11|11|10|10|00|01|01|11|11|11|00| 0.0

Generation --> 321

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|10|10|00|10|01|00|00|00|01|10|01|11|01|01| 3.0

10|10|00|10|00|10|01|11|10|00|01|10|01|11|01|01| 3.0

00|10|11|10|01|10|11|10|01|01|01|10|01|11|01|01| 2.0

00|11|01|10|10|10|11|10|11|00|01|00|01|11|01|01| 2.0

00|11|00|00|10|11|01|11|00|01|10|00|01|11|01|00| 1.0

10|01|01|00|00|01|11|10|01|00|01|10|01|11|01|00| 1.0

11|10|00|00|00|11|11|10|01|01|01|10|01|11|01|00| 1.0

00|00|00|10|01|11|11|11|11|00|01|10|00|10|01|00| 0.0

Generation --> 322

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|10|01|00|00|00|01|11|01|11|01|01| 3.0

00|10|10|10|01|10|01|10|01|01|01|10|01|11|01|00| 3.0

00|00|00|10|01|01|11|11|11|01|01|10|01|11|01|00| 2.0

00|11|00|11|00|10|01|00|00|00|00|10|11|11|01|01| 1.0

01|11|00|00|10|11|01|11|00|01|10|01|01|11|01|00| 1.0

10|01|01|00|00|01|11|10|01|10|01|11|01|11|01|01| 1.0

00|10|00|10|00|11|01|10|01|01|01|10|01|11|10|00| 0.0

01|10|10|10|00|10|01|00|00|01|01|10|01|11|00|00| 0.0

11|10|00|00|00|11|00|10|10|00|01|10|01|10|11|01| 0.0

Generation --> 323

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|00|10|10|11|01|01|00|00|01|11|01|11|01|01| 8.0

00|10|00|10|00|10|01|00|00|00|01|11|01|11|01|01| 3.0

00|10|10|10|01|10|01|10|01|01|01|10|01|11|01|00| 3.0

01|10|10|10|00|10|00|00|00|00|01|11|00|11|01|11| 2.0

00|11|00|11|00|10|01|00|00|01|10|01|01|11|01|00| 1.0

01|11|00|00|10|11|11|11|00|11|10|00|01|11|01|00| 1.0

00|00|10|10|01|01|10|11|11|00|01|10|11|11|11|00| 0.0

10|01|01|00|00|01|11|10|01|10|01|11|01|10|00|01| 0.0

11|10|00|00|00|11|00|10|10|00|00|10|01|10|11|01| 0.0

Generation --> 324

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|00|10|10|11|01|00|00|00|01|11|01|11|01|01| 8.0

01|10|00|10|10|01|01|01|00|10|01|11|01|11|01|00| 3.0

00|10|00|10|00|10|01|11|00|00|01|11|01|11|01|01| 3.0

00|10|00|10|00|10|01|10|01|01|11|10|01|11|01|01| 1.0

00|10|10|11|01|10|01|10|01|01|01|11|01|11|01|01| 1.0

00|11|00|11|00|10|01|00|00|00|01|11|01|11|01|01| 1.0

10|01|01|00|00|01|11|10|01|10|11|11|01|11|01|01| 1.0

01|11|00|00|10|10|01|10|01|01|01|10|00|01|01|00| 0.0

11|10|00|00|00|11|00|10|10|00|00|10|11|10|11|01| 0.0

Generation --> 325

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|10|10|11|11|01|00|01|01|01|10|01|11|01|00| 8.0

00|10|00|10|10|11|01|00|00|00|01|11|01|11|01|01| 8.0

00|11|00|10|00|11|01|10|00|01|01|10|01|11|01|00| 8.0

01|11|00|10|10|01|01|01|00|10|01|00|01|11|01|00| 3.0

01|11|00|10|10|10|01|11|00|00|01|01|01|11|01|01| 3.0

11|01|00|11|00|11|01|10|01|01|01|10|01|11|01|00| 1.0

00|10|00|10|00|10|01|10|01|01|11|10|01|11|01|01| 1.0

00|10|10|11|01|10|01|10|01|01|00|11|01|11|01|01| 1.0

11|10|10|00|00|11|00|10|10|00|00|10|11|10|11|01| 0.0

Generation --> 326

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|00|10|10|11|01|10|00|01|01|10|01|11|01|00| 8.0

00|11|00|10|00|11|01|10|00|01|01|10|01|10|01|00| 8.0

01|11|00|10|10|01|01|10|00|01|01|10|00|11|01|00| 3.0

01|10|00|10|10|10|01|11|00|01|01|00|11|11|01|00| 3.0

01|11|00|10|10|10|01|11|10|00|01|11|01|11|01|01| 3.0

01|10|10|10|11|11|00|00|01|01|01|11|01|11|01|00| 2.0

11|01|00|11|00|11|01|10|00|01|01|00|01|11|01|00| 1.0

00|10|00|10|00|10|11|11|01|11|11|10|00|11|01|01| 1.0

11|10|10|00|10|10|00|10|11|00|00|10|11|10|01|11| 1.0

Generation --> 327

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|00|10|10|11|01|10|00|01|01|10|00|11|01|00| 3.0

01|11|00|10|00|11|01|11|00|01|01|00|11|11|01|00| 3.0

01|11|00|10|10|11|01|10|00|01|01|10|00|11|01|00| 3.0

01|11|00|10|10|01|01|10|00|00|01|10|00|11|01|10| 3.0

11|10|00|10|00|11|00|10|01|00|01|10|01|11|01|00| 2.0

00|10|10|10|11|11|10|10|00|01|01|10|00|11|01|00| 2.0

00|10|00|00|10|11|01|10|00|01|01|10|01|10|01|00| 1.0

10|10|10|00|10|10|00|10|11|10|00|10|11|11|01|00| 1.0

00|10|10|10|00|10|01|11|01|11|01|10|01|10|01|00| 0.0

Generation --> 328

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|10|10|00|11|01|10|01|01|01|11|01|11|01|00| 8.0

00|10|01|10|10|10|01|10|01|01|01|10|01|11|01|00| 3.0

01|11|00|10|00|11|01|11|00|01|01|00|10|11|01|00| 3.0

00|10|00|10|00|11|00|11|00|01|01|00|11|11|01|00| 2.0

11|10|00|10|00|11|00|10|00|00|01|10|00|11|01|10| 2.0

10|10|10|00|10|00|00|10|11|10|00|10|11|11|01|00| 1.0

01|11|00|10|10|01|01|10|00|10|01|10|00|10|00|00| 0.0

01|11|00|10|11|11|10|10|00|01|01|10|00|01|01|10| 0.0

00|10|10|00|00|10|11|11|01|11|00|11|01|10|01|00| 0.0

Generation --> 329

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|11|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|11|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|00|10|00|01|01|10|01|01|01|10|01|11|01|00| 3.0

00|10|00|10|10|00|01|00|01|01|01|11|01|11|01|00| 3.0

11|10|00|10|00|11|00|10|00|01|01|10|01|11|01|10| 2.0

00|10|00|10|00|11|01|10|01|01|00|10|01|11|01|00| 1.0

10|10|10|01|10|00|00|11|10|01|01|01|10|11|01|00| 1.0

01|11|00|10|11|11|10|10|00|01|01|00|10|11|11|00| 0.0

00|10|10|00|00|10|11|10|01|11|00|11|01|10|01|00| 0.0

Generation --> 330

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|11|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|11|00|10|00|11|01|10|01|01|01|10|00|11|01|00| 3.0

00|10|00|10|10|00|01|00|01|01|01|11|01|11|01|10| 3.0

00|10|10|00|00|11|01|10|01|01|01|10|01|11|01|00| 1.0

00|10|00|10|00|01|01|10|01|01|01|10|01|11|11|00| 0.0

01|11|00|10|11|11|10|10|01|01|01|11|01|11|11|00| 0.0

00|10|10|00|10|00|00|11|10|01|01|01|10|11|00|00| 0.0

Generation --> 331

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|11|00|10|00|11|01|11|11|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|10|01|00|01|10|01|11|01|00| 8.0

01|11|00|10|00|11|01|10|01|01|01|11|01|11|01|00| 8.0

01|11|00|10|00|11|01|10|01|01|01|10|00|11|01|00| 3.0

10|10|00|00|00|01|01|10|11|01|01|10|01|11|01|00| 1.0

00|10|10|00|01|11|01|11|01|01|01|10|01|11|01|00| 1.0

11|10|00|10|00|11|01|10|01|01|01|10|11|11|00|00| 0.0

10|00|01|10|10|10|01|00|01|01|01|10|01|01|01|00| 0.0

00|10|11|00|10|00|00|11|10|01|01|10|01|01|01|00| 0.0

Generation --> 332

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|11|00|10|00|11|01|10|01|01|01|11|01|11|01|00| 8.0

01|11|00|10|01|11|01|10|01|01|01|00|01|11|01|00| 8.0

10|00|01|10|10|10|01|00|01|01|01|10|01|11|01|00| 3.0

10|10|01|10|00|11|01|10|01|10|11|10|00|10|01|01| 1.0

11|10|00|10|00|11|01|11|01|01|00|11|01|11|01|00| 1.0

10|10|00|00|00|01|01|10|01|11|01|11|01|11|01|00| 1.0

00|10|00|00|01|10|01|11|00|01|01|10|01|11|01|00| 1.0

01|11|00|10|00|10|01|11|11|01|01|10|01|11|00|00| 0.0

10|10|11|00|00|00|00|11|10|01|01|10|01|01|01|10| 0.0

Generation --> 333

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|00|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|01|00|10|01|11|01|10|01|01|01|00|01|11|01|00| 8.0

10|01|01|10|10|10|00|01|01|01|01|00|11|11|01|10| 2.0

11|11|00|10|00|11|01|10|01|01|00|10|01|11|01|00| 1.0

10|10|11|10|00|11|01|10|01|10|11|10|01|11|01|01| 1.0

10|10|00|10|00|11|01|11|01|00|00|11|01|11|01|00| 1.0

00|10|00|00|01|10|01|11|00|01|01|10|01|11|01|00| 1.0

10|10|11|00|00|00|00|11|11|01|01|10|01|11|01|00| 1.0

00|11|10|10|01|10|11|11|01|11|01|00|11|01|01|10| 0.0

Generation --> 334

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|00|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|01|00|10|01|11|01|10|01|01|01|00|01|11|01|00| 8.0

10|01|01|10|10|11|01|10|01|01|01|00|01|11|01|00| 8.0

10|10|00|10|00|11|01|10|01|01|01|00|01|11|01|00| 8.0

00|11|10|10|01|10|11|01|11|11|01|00|01|11|01|00| 2.0

00|10|11|10|00|00|10|11|11|01|01|10|01|11|01|00| 2.0

10|10|11|10|00|11|01|10|01|10|11|11|01|11|01|00| 1.0

10|10|00|00|11|10|01|11|00|01|01|10|01|11|01|01| 1.0

11|11|00|10|00|11|01|10|01|01|01|10|01|01|01|00| 0.0

Generation --> 335

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|00|01|10|10|11|01|10|01|01|01|00|01|11|01|00| 8.0

00|11|10|11|01|10|11|01|11|11|01|00|01|11|01|00| 1.0

00|11|10|00|00|00|11|11|11|00|01|10|01|11|01|00| 1.0

10|10|00|00|11|10|11|11|00|01|00|10|01|11|01|00| 1.0

11|00|00|10|11|11|01|11|11|11|01|00|01|11|00|00| 0.0

01|01|00|10|01|11|01|10|01|01|01|00|01|11|00|00| 0.0

00|01|01|10|10|11|01|10|01|01|01|00|01|01|11|00| 0.0

00|01|01|10|01|11|01|10|01|01|01|00|01|01|01|00| 0.0

11|11|00|10|00|11|01|10|01|01|01|10|01|01|01|10| 0.0

Generation --> 336

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|01|01|10|10|11|01|10|01|01|01|00|01|11|01|00| 8.0

00|00|01|10|10|11|01|10|01|01|01|00|01|11|01|00| 8.0

11|00|00|10|11|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|01|01|10|01|10|01|10|01|01|01|10|01|11|01|00| 3.0

01|00|01|10|10|11|11|10|01|01|01|00|01|11|01|00| 2.0

10|10|01|10|00|11|01|10|01|11|11|10|01|11|01|00| 1.0

01|11|10|00|00|00|11|10|11|00|01|01|01|11|01|00| 1.0

00|11|01|10|00|11|01|10|01|01|01|00|01|01|01|00| 0.0

11|11|01|10|00|11|01|10|11|01|01|10|01|01|01|10| 0.0

Generation --> 337

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|01|01|10|10|11|01|10|01|11|01|00|01|11|01|01| 8.0

00|00|01|10|00|11|01|10|11|01|01|00|01|11|01|01| 8.0

10|10|01|10|10|11|01|10|01|01|01|00|01|11|01|00| 8.0

00|01|01|10|11|11|01|10|01|01|01|10|01|11|01|01| 8.0

00|01|01|10|10|10|01|10|01|01|01|10|01|11|01|00| 3.0

11|00|01|10|10|11|11|10|01|01|01|10|01|11|01|00| 2.0

11|00|00|10|00|11|01|10|01|01|00|10|01|11|01|00| 1.0

01|11|10|00|10|11|01|10|01|01|01|00|01|11|01|00| 1.0

11|11|01|10|00|10|01|10|11|11|01|10|01|01|01|10| 0.0

Generation --> 338

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|11|01|10|10|11|01|10|01|11|01|10|01|11|01|01| 8.0

00|00|01|10|01|11|01|10|11|01|01|00|01|11|01|00| 8.0

11|00|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|11|01|10|11|11|01|10|11|01|01|10|01|11|01|01| 8.0

11|10|00|10|10|10|01|10|01|01|01|10|01|11|01|00| 3.0

00|01|01|10|10|10|01|10|01|01|01|10|01|11|01|00| 3.0

01|11|10|01|10|11|01|10|01|01|01|00|01|11|01|00| 1.0

10|10|01|10|10|11|01|10|01|01|01|00|01|01|01|00| 0.0

00|10|00|10|00|11|01|10|01|00|01|10|00|01|01|00| 0.0

Generation --> 339

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|11|01|10|11|11|01|10|11|01|01|00|01|11|01|00| 8.0

11|10|10|10|01|11|01|10|11|01|01|10|01|11|01|01| 8.0

10|10|01|10|10|11|01|10|01|01|01|00|01|11|01|00| 8.0

11|00|00|10|00|11|01|00|01|11|01|10|00|11|01|01| 3.0

01|00|01|11|01|11|01|10|11|01|01|00|01|11|01|01| 1.0

00|01|01|10|10|10|01|00|11|01|00|10|01|11|01|00| 1.0

11|11|10|01|10|11|01|10|11|01|01|10|01|11|01|01| 1.0

10|11|01|10|10|11|01|10|11|11|01|10|00|11|11|00| 0.0

10|10|00|10|00|01|11|10|01|00|01|10|01|01|01|00| 0.0

Generation --> 340

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|11|01|10|11|11|01|10|11|01|01|00|01|11|01|10| 8.0

10|10|10|10|10|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|11|10|10|11|01|10|01|01|01|10|01|10|01|01| 8.0

11|00|01|10|11|11|01|10|11|01|01|00|01|11|01|00| 8.0

10|11|01|10|00|11|01|00|01|11|01|10|00|11|01|01| 3.0

10|10|00|10|00|11|11|10|01|01|01|11|01|11|01|00| 2.0

10|10|00|10|00|01|11|10|01|01|01|10|00|11|01|01| 2.0

11|11|10|01|10|11|00|11|11|01|01|10|01|11|01|00| 1.0

00|01|01|10|10|10|01|00|11|01|01|00|01|11|00|00| 0.0

Generation --> 341

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|11|10|10|11|01|10|01|01|01|00|01|11|01|00| 8.0

11|00|01|10|11|11|01|10|11|01|01|00|01|11|01|10| 8.0

10|11|01|10|00|11|01|10|11|01|01|00|01|11|01|10| 8.0

10|10|01|10|11|11|01|10|01|00|01|00|01|11|01|00| 8.0

11|11|01|10|11|10|01|10|01|01|01|00|01|11|01|00| 3.0

10|10|10|10|10|01|01|10|01|01|01|10|01|10|01|10| 3.0

00|01|01|10|10|10|01|00|11|01|01|10|01|11|01|01| 3.0

10|11|10|00|11|11|01|10|11|01|01|00|01|11|01|10| 1.0

10|10|00|10|00|11|11|10|01|01|01|10|01|11|11|01| 0.0

Generation --> 342

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|11|01|10|00|11|01|10|11|01|01|00|01|11|01|00| 8.0

00|11|11|10|10|11|01|10|01|01|01|00|01|11|01|00| 8.0

00|10|00|10|00|11|01|11|11|01|01|10|01|11|01|00| 8.0

10|10|10|10|00|01|01|10|01|01|01|10|01|10|01|10| 3.0

00|01|01|10|10|10|01|00|11|01|01|10|01|11|01|10| 3.0

11|11|01|10|11|10|00|10|01|01|01|10|01|11|01|00| 2.0

11|00|01|10|11|11|01|00|01|01|11|00|01|11|01|00| 1.0

10|11|01|10|00|11|01|10|11|01|01|00|01|11|11|10| 0.0

10|11|10|00|10|11|01|10|01|01|11|10|01|11|11|00| 0.0

Generation --> 343

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|00|10|00|11|01|11|11|01|01|10|01|11|01|00| 8.0

10|11|01|10|00|11|01|10|11|01|01|00|01|11|01|00| 8.0

10|11|01|10|10|10|01|00|01|01|01|10|01|11|01|10| 3.0

00|01|01|10|10|10|01|00|11|01|01|10|01|11|01|00| 3.0

11|11|01|10|11|10|00|10|11|01|01|00|01|11|01|00| 2.0

11|00|01|10|11|11|01|00|01|01|11|00|01|11|01|00| 1.0

11|11|10|00|10|11|01|10|11|01|11|00|01|11|01|00| 1.0

00|01|11|10|10|11|01|10|11|01|01|10|01|01|01|00| 0.0

10|11|01|10|00|11|01|10|11|01|01|00|01|11|11|10| 0.0

Generation --> 344

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|00|10|00|11|01|11|11|01|01|10|01|11|01|00| 8.0

10|11|01|10|00|11|01|10|11|00|01|10|01|11|01|10| 8.0

11|00|01|10|11|11|01|00|01|01|01|10|01|11|01|10| 8.0

00|01|11|10|10|11|01|11|11|11|01|10|01|11|01|00| 8.0

10|11|01|10|00|11|11|10|11|01|01|00|01|11|01|00| 2.0

11|11|01|10|11|10|00|10|11|01|01|00|01|11|01|00| 2.0

10|11|01|11|00|11|01|10|11|01|01|00|01|11|01|00| 1.0

11|11|10|00|10|11|01|10|11|01|11|00|01|11|01|00| 1.0

00|01|01|10|00|11|01|11|11|01|01|10|01|11|00|01| 0.0

Generation --> 345

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|00|01|10|10|11|00|10|01|01|01|10|01|11|01|00| 2.0

00|00|11|00|10|11|11|11|11|11|01|10|01|11|01|00| 1.0

10|11|01|10|00|11|11|10|11|01|11|00|01|11|01|10| 1.0

10|11|01|11|01|11|01|00|01|11|01|10|01|11|01|11| 1.0

11|11|10|00|00|11|01|11|11|01|01|10|01|11|01|10| 1.0

00|10|00|00|00|11|01|11|11|01|01|10|01|11|00|00| 0.0

10|11|01|10|00|11|01|10|11|00|01|10|01|01|11|00| 0.0

11|01|01|00|11|10|00|11|11|01|11|10|01|11|11|10| 0.0

00|01|01|00|00|01|01|11|11|01|01|10|01|10|00|01| 0.0

Generation --> 346

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|11|01|10|00|11|01|10|11|01|01|10|11|11|01|00| 3.0

10|01|01|10|00|11|10|10|11|11|11|01|01|11|01|10| 1.0

10|11|01|11|01|11|01|00|01|01|01|10|01|11|01|10| 1.0

11|11|10|01|01|11|01|11|11|01|01|10|00|11|01|10| 1.0

00|10|01|00|00|11|01|11|11|01|01|10|01|11|01|11| 1.0

00|01|01|00|00|01|01|10|01|01|01|10|01|11|01|00| 1.0

10|00|01|10|00|11|00|10|01|01|01|10|01|01|00|00| 0.0

00|00|11|00|10|11|01|10|00|01|00|10|01|11|00|01| 0.0

11|01|01|00|11|10|00|11|11|01|01|10|01|10|00|00| 0.0

Generation --> 347

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|00|01|10|00|11|01|10|11|01|01|10|11|11|01|00| 3.0

10|11|01|11|00|11|01|10|11|01|01|10|10|11|01|00| 1.0

10|01|11|10|00|11|10|10|11|11|11|01|01|11|01|00| 1.0

01|11|10|01|01|11|01|10|00|01|01|10|11|11|01|00| 1.0

00|01|01|00|00|01|01|10|01|01|11|10|01|11|01|00| 1.0

00|00|11|00|10|11|01|10|00|01|00|10|01|11|01|00| 1.0

11|01|11|00|00|11|01|10|01|01|01|10|01|11|01|00| 1.0

10|11|01|11|01|11|01|01|01|01|01|10|00|01|01|01| 0.0

01|10|01|00|00|11|01|11|11|01|01|10|11|10|01|00| 0.0

Generation --> 348

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|00|01|10|00|11|01|10|01|00|01|10|01|11|01|00| 8.0

11|01|11|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|00|01|11|00|11|01|10|11|11|01|10|11|11|01|00| 3.0

10|11|01|11|01|11|01|10|01|01|01|10|11|11|01|00| 3.0

10|11|01|11|00|11|00|00|11|01|01|10|11|11|01|00| 2.0

10|01|11|10|00|11|10|10|11|11|01|01|01|11|01|00| 2.0

01|11|10|01|00|11|01|00|01|01|01|10|01|11|01|01| 1.0

00|01|01|00|00|01|01|10|01|01|11|10|01|11|01|00| 1.0

01|01|01|00|00|01|01|10|01|01|10|10|01|11|01|00| 1.0

Generation --> 349

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|00|01|10|00|11|01|10|01|00|01|10|01|10|01|00| 8.0

01|01|10|10|00|10|01|10|01|01|01|10|01|11|01|00| 3.0

11|01|11|10|00|11|00|10|01|01|01|10|01|11|01|00| 2.0

10|00|01|11|00|11|01|10|01|00|01|10|01|11|01|00| 1.0

00|01|01|11|00|11|01|10|01|00|01|10|01|11|01|00| 1.0

10|10|01|11|01|11|01|10|01|00|01|10|01|11|01|00| 1.0

01|11|10|01|00|11|01|00|01|01|01|10|11|11|01|00| 1.0

00|01|01|00|00|01|01|10|01|01|11|00|01|11|01|00| 1.0

10|01|11|10|01|11|10|00|11|11|01|01|01|11|11|00| 0.0

Generation --> 350

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|00|01|10|01|11|01|10|01|00|01|10|01|10|01|00| 8.0

01|01|10|10|00|10|01|10|01|01|01|10|01|11|01|00| 3.0

10|01|11|11|01|11|10|00|11|11|01|01|01|11|01|00| 1.0

00|01|00|11|00|01|01|10|01|01|10|00|01|11|01|00| 1.0

10|10|01|11|01|10|01|10|11|01|01|10|01|11|01|00| 1.0

10|01|01|00|00|01|01|10|01|01|11|10|01|11|01|00| 1.0

10|00|01|10|00|11|01|10|01|00|01|10|01|10|00|00| 0.0

10|00|10|10|00|10|10|10|01|01|01|10|01|10|00|00| 0.0

11|11|10|01|00|11|01|00|01|00|01|10|01|00|01|00| 0.0

Generation --> 351

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|01|10|10|00|10|01|10|01|01|01|10|01|11|01|00| 3.0

10|00|00|10|00|00|01|10|00|01|01|10|01|11|01|00| 3.0

00|01|00|10|01|11|00|10|01|00|01|10|01|10|01|00| 2.0

10|00|01|10|00|11|01|10|00|00|11|10|01|10|01|00| 1.0

10|10|01|11|01|10|01|10|11|01|01|10|01|11|01|10| 1.0

10|01|01|00|00|01|01|10|01|01|01|10|01|11|01|00| 1.0

10|00|10|10|00|00|10|10|00|01|10|00|01|11|01|00| 1.0

11|11|10|01|10|11|01|10|01|01|01|10|01|11|01|00| 1.0

10|01|11|11|01|11|10|00|11|11|01|10|01|10|01|00| 0.0

Generation --> 352

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|01|00|10|00|11|00|10|01|00|00|10|01|11|01|00| 1.0

10|01|01|10|10|11|01|10|00|00|11|10|01|11|01|00| 1.0

10|01|01|00|00|11|00|11|01|01|01|10|00|11|01|00| 1.0

10|00|10|10|00|00|10|10|10|01|10|00|01|11|01|00| 1.0

11|11|10|01|10|11|01|10|01|01|01|10|01|11|01|00| 1.0

10|01|11|11|01|11|00|10|11|11|01|10|01|11|01|01| 1.0

10|10|00|10|00|11|00|10|01|00|01|10|11|01|01|00| 0.0

10|00|00|10|00|10|01|10|00|01|01|10|01|01|01|00| 0.0

11|01|10|11|00|00|10|10|00|01|10|01|11|11|11|00| 0.0

Generation --> 353

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|00|00|10|10|10|01|10|01|11|01|10|01|11|01|01| 3.0

00|01|00|10|10|11|01|10|00|00|11|10|01|11|01|00| 1.0

10|00|10|10|00|00|10|10|10|11|10|00|01|11|01|00| 1.0

11|11|10|01|00|11|01|10|01|01|01|00|01|11|01|00| 1.0

10|01|10|00|00|11|00|11|11|01|00|10|00|11|01|10| 1.0

10|01|01|10|10|11|11|10|00|00|11|10|00|00|01|00| 0.0

10|00|01|00|00|11|10|11|01|01|11|10|00|11|11|10| 0.0

10|01|11|11|01|11|00|10|11|11|01|10|00|11|00|00| 0.0

10|00|00|10|00|11|00|10|01|00|01|10|01|01|01|10| 0.0

Generation --> 354

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|11|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|00|00|10|10|10|01|00|01|11|01|10|01|11|01|01| 3.0

10|00|00|10|01|11|00|10|01|00|01|10|01|11|01|00| 2.0

10|00|00|10|10|10|01|11|11|01|00|10|01|11|01|10| 1.0

00|11|00|10|10|11|01|10|10|00|10|10|01|11|01|00| 1.0

10|00|11|10|00|00|10|10|10|11|10|00|01|11|01|00| 1.0

10|00|01|00|00|11|10|11|11|01|10|00|01|11|01|00| 1.0

11|01|10|10|00|01|01|11|11|01|00|10|00|11|01|10| 1.0

10|01|01|10|10|11|11|11|00|00|11|10|00|00|01|00| 0.0

Generation --> 355

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|11|10|10|10|11|01|10|00|00|01|10|01|11|01|00| 8.0

10|00|00|10|01|11|00|10|01|00|01|10|01|11|01|00| 2.0

10|00|00|10|10|10|01|11|11|01|00|10|01|11|01|10| 1.0

10|00|10|10|10|11|01|10|10|00|10|10|01|11|01|00| 1.0

11|11|10|10|00|01|00|11|11|01|10|10|01|11|01|00| 1.0

00|11|00|10|00|11|11|10|01|01|01|00|01|10|01|01| 0.0

10|00|00|10|10|10|01|00|01|11|01|10|01|11|00|00| 0.0

10|00|10|10|10|10|01|00|01|11|01|10|01|10|01|01| 0.0

00|01|01|10|10|11|11|11|00|00|11|00|00|10|01|00| 0.0

Generation --> 356

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|11|10|10|10|11|01|10|00|01|01|10|01|11|01|00| 8.0

10|00|10|10|10|01|01|10|00|00|01|10|00|11|01|00| 3.0

10|00|00|10|01|10|00|10|01|00|01|10|01|11|01|00| 2.0

10|00|00|10|00|11|01|00|00|00|11|11|11|11|01|00| 1.0

11|11|10|10|00|01|00|11|11|01|10|10|01|11|01|00| 1.0

00|01|11|10|10|10|11|11|00|00|11|00|10|11|01|00| 1.0

00|11|00|10|00|11|01|10|01|01|01|00|00|10|01|00| 0.0

10|00|10|10|10|10|01|01|01|10|01|10|00|01|01|10| 0.0

10|00|00|10|10|10|01|11|10|00|10|10|11|10|01|00| 0.0

Generation --> 357

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|11|11|10|10|11|01|10|00|01|01|10|01|11|01|00| 8.0

00|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|00|00|10|10|11|01|10|00|01|01|10|01|11|01|00| 8.0

11|00|10|10|10|10|01|10|00|01|01|10|01|10|01|00| 3.0

10|00|10|10|01|10|00|11|01|00|01|10|00|11|01|00| 2.0

00|01|11|10|10|10|10|10|01|00|01|10|01|10|01|00| 2.0

10|00|00|10|00|11|01|00|00|00|10|01|11|11|01|00| 1.0

11|11|10|10|10|00|00|11|11|00|10|10|11|11|01|00| 1.0

10|00|10|10|10|00|01|10|00|10|01|10|00|11|00|00| 0.0

Generation --> 358

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|00|10|10|10|10|01|10|00|01|01|10|01|10|01|00| 3.0

10|00|10|10|10|10|01|10|00|01|01|10|01|11|01|00| 3.0

11|11|10|10|10|01|01|10|01|01|01|10|01|11|01|00| 3.0

10|00|10|10|00|10|00|11|11|00|01|10|10|11|01|00| 2.0

00|00|00|10|00|11|01|10|01|01|11|10|01|10|01|00| 1.0

00|11|11|10|11|11|01|10|00|01|01|10|01|01|01|00| 0.0

10|00|00|10|00|11|00|11|01|11|01|10|01|11|00|00| 0.0

10|10|00|10|00|11|01|10|01|01|01|10|00|11|00|00| 0.0

10|00|10|10|10|10|01|10|01|01|01|10|01|11|00|00| 0.0

Generation --> 359

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|00|10|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|11|10|10|10|01|01|10|01|01|01|10|01|11|01|00| 3.0

10|00|10|10|10|00|01|10|01|01|01|10|01|11|01|01| 3.0

11|00|10|10|11|10|11|10|00|01|11|10|01|10|01|00| 1.0

10|10|00|11|10|10|01|10|00|01|01|10|01|10|01|00| 1.0

10|00|00|10|00|11|00|11|01|10|11|10|01|11|01|00| 1.0

10|00|10|10|10|10|01|10|00|01|11|10|01|10|01|00| 1.0

00|00|00|10|01|11|01|10|00|01|11|10|10|10|01|00| 1.0

00|11|11|00|11|11|01|10|00|01|00|10|01|01|01|00| 0.0

Generation --> 360

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|00|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|00|10|10|10|00|01|10|01|01|01|10|01|11|01|01| 3.0

10|00|10|10|10|00|01|10|00|01|01|10|01|11|01|01| 3.0

10|00|00|10|00|11|00|10|01|01|01|10|01|11|01|00| 2.0

10|11|10|10|10|01|00|10|01|01|01|10|01|11|01|10| 2.0

11|10|10|10|10|00|01|11|01|11|00|10|00|11|01|01| 1.0

00|00|00|10|01|11|01|10|01|01|01|10|01|11|11|00| 0.0

10|11|10|10|10|01|01|10|01|11|01|10|01|11|00|00| 0.0

10|10|00|11|10|10|11|10|00|01|01|10|01|10|00|00| 0.0

Generation --> 361

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|00|10|10|00|11|01|11|01|01|01|10|01|11|01|00| 8.0

10|11|10|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|00|01|10|00|11|01|10|01|01|01|10|00|11|01|00| 3.0

10|10|10|10|00|01|01|10|01|01|01|10|01|11|01|00| 3.0

10|00|00|10|10|00|01|10|01|01|01|10|01|11|01|01| 3.0

00|00|00|10|00|11|00|10|01|01|01|10|01|11|01|00| 2.0

10|11|10|10|10|01|00|10|01|01|01|10|01|11|01|10| 2.0

11|10|10|10|10|00|01|11|01|11|00|10|00|11|01|00| 1.0

10|10|00|11|10|10|11|10|00|01|01|10|01|11|01|00| 1.0

Generation --> 362

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|00|10|10|10|11|01|10|01|01|01|10|01|10|01|00| 8.0

11|00|01|10|00|01|01|10|01|01|01|10|01|11|01|00| 3.0

10|00|00|10|10|00|01|10|01|01|01|11|01|11|01|00| 3.0

00|00|00|10|00|11|00|10|01|01|01|10|01|11|01|00| 2.0

10|11|10|11|00|11|11|10|01|01|01|10|01|11|01|00| 1.0

10|10|10|10|00|01|01|11|01|01|11|10|01|11|01|00| 1.0

10|10|00|11|10|11|01|11|01|01|01|10|00|11|01|00| 1.0

10|00|00|10|00|11|01|11|01|01|01|10|01|00|01|00| 0.0

10|11|10|10|10|01|00|10|01|01|01|11|01|01|00|00| 0.0

Generation --> 363

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|00|00|10|00|11|01|10|01|01|01|10|00|11|01|00| 3.0

00|11|10|11|00|11|01|10|01|01|01|10|11|10|01|00| 3.0

10|11|01|10|00|11|11|10|01|01|01|10|01|11|01|00| 2.0

10|11|10|10|10|01|00|11|11|01|01|10|01|11|01|00| 2.0

10|10|10|00|00|01|01|11|01|01|01|10|01|11|01|00| 1.0

00|00|00|11|10|11|00|11|00|01|01|10|00|11|01|00| 1.0

11|00|10|10|10|11|01|00|01|01|01|10|01|10|01|00| 0.0

10|10|00|11|10|11|01|11|01|01|01|10|01|10|01|00| 0.0

10|00|00|10|00|01|01|11|01|01|01|10|01|10|01|00| 0.0

Generation --> 364

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|00|00|10|00|11|01|10|01|01|01|11|00|11|01|00| 3.0

10|11|10|10|10|11|11|10|01|01|01|10|01|11|01|00| 2.0

00|11|10|11|00|11|00|10|01|01|01|10|00|11|01|00| 1.0

10|10|10|00|00|01|01|10|01|00|01|10|11|10|01|00| 1.0

10|11|01|11|00|11|01|10|01|01|01|10|01|00|01|00| 0.0

00|00|00|11|10|11|00|11|00|11|01|10|00|11|11|01| 0.0

11|00|10|10|10|01|01|00|01|01|01|10|11|10|01|00| 0.0

10|10|00|11|10|11|01|11|01|01|01|10|00|10|11|00| 0.0

10|00|00|00|00|01|01|11|01|01|01|10|01|10|01|00| 0.0

Generation --> 365

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|00|00|10|01|11|01|11|01|11|01|11|00|11|01|00| 3.0

10|00|11|10|10|01|01|00|01|01|01|10|01|11|01|00| 3.0

10|00|01|10|00|11|00|10|01|01|01|11|00|11|01|00| 2.0

00|11|10|11|10|11|00|10|01|01|01|10|10|11|01|00| 1.0

10|11|10|10|10|11|01|10|01|00|01|00|11|10|01|00| 0.0

10|11|10|10|00|01|11|10|01|01|00|10|01|11|00|00| 0.0

11|11|01|11|00|11|01|10|01|00|01|10|01|00|01|00| 0.0

10|10|00|11|10|11|01|11|01|01|01|10|00|10|11|00| 0.0

10|00|00|10|00|01|01|11|01|00|01|00|01|10|00|00| 0.0

Generation --> 366

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|00|00|10|00|11|01|11|01|01|01|10|01|11|01|00| 8.0

11|11|00|10|00|11|01|10|01|11|01|11|01|11|01|00| 8.0

10|00|00|10|00|01|11|11|01|11|01|11|00|11|01|00| 2.0

10|00|00|10|00|11|00|10|01|01|01|10|10|11|01|00| 2.0

00|11|10|11|10|11|11|10|01|01|00|10|01|11|01|00| 1.0

10|11|10|10|00|01|11|00|01|01|00|10|11|11|01|00| 1.0

10|10|00|11|00|11|00|10|00|01|01|11|10|11|01|00| 1.0

10|00|11|10|10|01|11|00|01|01|01|10|00|01|01|00| 0.0

10|11|10|10|10|11|01|10|01|00|01|10|01|00|01|00| 0.0

Generation --> 367

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|00|00|10|00|11|00|10|00|01|01|11|11|11|01|00| 2.0

10|10|00|10|00|11|00|10|01|01|01|10|00|11|01|00| 2.0

11|11|01|10|00|11|01|10|01|11|11|11|01|11|01|00| 1.0

10|00|00|10|00|11|01|10|01|01|00|10|01|11|01|10| 1.0

00|11|11|11|10|11|11|10|11|11|11|11|01|11|01|00| 1.0

10|11|10|10|10|01|11|00|01|01|00|10|01|11|01|00| 1.0

10|10|00|11|00|11|00|10|01|01|01|10|01|11|01|00| 1.0

10|00|11|10|10|01|11|00|10|01|01|10|01|11|00|00| 0.0

10|11|10|10|10|11|01|10|01|00|01|10|01|00|01|00| 0.0

Generation --> 368

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|11|00|11|01|10|10|01|01|11|11|11|01|10| 3.0

10|01|00|10|00|11|00|10|10|01|01|11|11|11|01|00| 2.0

10|10|00|10|01|11|00|10|01|01|01|10|00|11|01|00| 2.0

10|10|01|10|10|01|11|00|10|01|01|11|10|11|01|00| 2.0

10|10|00|11|00|11|00|10|00|01|00|10|01|10|01|00| 1.0

00|11|11|11|10|11|00|10|01|01|01|10|01|11|01|00| 1.0

10|11|10|10|10|11|11|00|01|01|00|10|11|11|01|00| 1.0

10|11|10|10|10|11|01|00|01|01|00|10|01|11|01|11| 1.0

11|11|01|10|00|11|01|10|01|11|11|11|01|11|11|00| 0.0

Generation --> 369

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|10|01|01|01|10|11|11|01|00| 3.0

10|10|00|10|00|01|01|10|11|01|01|10|01|11|01|00| 3.0

11|11|01|11|00|11|11|10|01|01|01|10|01|11|01|00| 1.0

10|10|00|11|00|01|01|10|10|01|00|10|01|11|01|00| 1.0

10|10|00|11|00|11|00|10|00|01|10|10|01|10|01|00| 1.0

10|11|10|00|10|11|11|00|01|01|10|10|11|11|01|00| 1.0

10|11|10|10|10|11|01|00|01|01|00|11|11|11|01|10| 1.0

10|01|01|10|00|11|00|10|10|01|01|11|11|10|01|10| 0.0

00|11|10|10|00|11|00|11|10|01|01|11|11|11|00|00| 0.0

Generation --> 370

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|11|01|01|10|11|01|01|10|01|11|01|00| 3.0

11|10|00|10|00|11|00|10|01|01|01|10|01|11|01|00| 2.0

00|11|10|10|00|11|01|10|01|01|00|10|01|11|01|00| 1.0

11|11|01|11|00|11|11|10|10|01|01|10|01|11|01|00| 1.0

10|11|10|10|10|11|01|00|01|01|00|11|01|11|01|11| 1.0

10|10|00|10|00|11|01|10|01|01|01|10|01|01|01|00| 0.0

10|10|00|11|00|01|01|10|11|01|01|10|01|11|00|00| 0.0

10|01|10|00|10|11|11|00|01|01|10|10|11|10|01|00| 0.0

10|01|01|10|00|11|01|10|10|01|01|11|11|10|01|11| 0.0

Generation --> 371

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|01|10|10|11|01|01|11|11|01|01|10|01|11|01|00| 3.0

11|00|00|10|01|01|00|10|11|01|01|10|01|11|01|01| 2.0

10|11|10|00|10|11|01|10|01|01|01|10|01|11|01|00| 1.0

11|11|01|10|00|11|01|00|01|01|00|01|11|11|01|11| 1.0

10|11|01|11|00|01|01|10|11|01|01|10|00|11|01|00| 1.0

11|10|00|10|01|10|00|10|01|01|01|10|01|11|11|00| 0.0

00|10|00|10|00|11|01|10|01|01|01|10|01|01|01|00| 0.0

10|11|01|10|00|11|01|10|10|01|01|11|11|10|01|00| 0.0

Generation --> 372

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|01|10|10|11|11|01|10|01|00|01|10|01|11|01|00| 8.0

00|10|00|10|01|01|00|10|11|01|01|10|01|11|01|01| 2.0

00|10|00|00|01|11|01|10|01|01|00|11|01|11|01|00| 1.0

10|11|10|00|10|11|01|10|01|01|11|10|01|11|01|00| 1.0

11|11|01|10|00|11|01|10|01|01|00|00|01|11|01|00| 1.0

10|11|01|11|00|11|01|10|01|01|01|10|01|11|01|00| 1.0

10|11|01|11|11|01|01|10|11|01|11|10|00|11|01|00| 1.0

11|00|00|00|01|01|00|10|11|01|01|10|01|11|11|00| 0.0

11|10|00|10|01|10|01|10|01|01|11|10|01|11|11|00| 0.0

Generation --> 373

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|00|10|00|10|01|10|01|01|01|00|01|11|01|00| 3.0

11|10|00|10|01|10|01|10|01|01|01|10|01|11|01|01| 3.0

11|10|01|10|10|11|00|10|01|00|01|10|01|11|01|00| 2.0

10|10|00|10|00|11|01|10|01|01|11|10|01|11|01|00| 1.0

00|10|00|00|01|11|01|00|01|01|00|10|01|11|01|00| 1.0

10|11|00|00|10|01|01|10|01|01|11|10|01|11|01|00| 1.0

10|11|01|11|01|11|01|10|01|00|01|10|01|11|01|00| 1.0

10|11|01|11|11|01|00|10|11|01|11|10|01|11|01|01| 1.0

11|00|00|00|11|11|01|10|01|00|01|10|01|11|01|00| 1.0

Generation --> 374

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|00|10|00|10|01|11|01|01|01|00|01|11|01|00| 3.0

11|00|01|10|10|11|10|10|01|00|01|10|01|11|01|00| 2.0

11|10|00|00|01|11|01|10|11|01|01|10|01|11|01|00| 1.0

10|10|00|10|00|11|01|10|00|01|11|10|01|11|01|00| 1.0

00|10|00|00|01|11|01|00|00|01|10|10|01|11|01|00| 1.0

10|11|00|00|10|11|01|10|01|01|11|10|01|11|01|00| 1.0

10|11|01|11|01|11|01|10|01|00|01|11|01|11|01|10| 1.0

11|00|00|00|11|11|01|10|01|11|11|10|01|11|01|00| 1.0

10|11|01|01|11|11|11|10|01|00|01|10|01|11|00|00| 0.0

Generation --> 375

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|10|01|10|01|10|01|11|01|10| 8.0

11|00|00|11|10|11|10|10|01|01|01|00|01|11|01|00| 1.0

11|00|01|11|00|11|10|10|01|00|00|10|00|11|01|00| 1.0

00|10|00|10|01|11|01|00|00|01|10|10|01|11|01|00| 1.0

10|10|00|10|10|10|01|10|00|01|11|10|01|11|01|00| 1.0

10|10|00|00|00|11|10|10|01|00|01|10|01|11|01|00| 1.0

10|10|00|10|00|11|01|10|00|01|11|10|01|11|01|00| 1.0

11|00|00|00|11|01|11|10|01|01|01|10|11|11|01|00| 1.0

10|11|01|01|01|11|11|10|01|00|01|10|01|11|00|00| 0.0

Generation --> 376

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|10|11|01|01|10|01|11|01|00| 8.0

01|10|01|10|00|01|01|10|00|10|01|10|01|11|01|10| 3.0

10|10|00|10|10|10|01|10|01|01|01|00|01|11|01|00| 3.0

10|10|00|10|00|11|11|10|01|00|01|10|01|11|01|10| 2.0

01|00|00|11|10|11|10|10|00|01|01|00|01|11|01|00| 1.0

00|10|00|10|01|11|01|00|00|01|10|10|01|11|01|00| 1.0

10|10|00|00|10|11|01|10|00|01|11|10|01|11|01|00| 1.0

11|00|00|00|00|01|11|10|01|00|01|10|11|01|01|00| 0.0

10|11|01|01|01|11|11|10|01|00|00|10|01|11|10|00| 0.0

Generation --> 377

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|01|11|01|10|01|01|01|10|00|11|01|01| 3.0

10|10|00|10|00|11|01|10|01|01|01|10|00|11|01|00| 3.0

00|10|01|10|00|01|01|10|00|10|01|10|01|11|01|11| 3.0

01|10|00|10|00|11|01|10|11|01|11|10|01|11|01|00| 1.0

10|10|00|00|10|11|01|00|11|01|01|10|01|11|01|00| 1.0

01|00|10|11|10|11|10|10|00|01|01|00|01|11|01|00| 1.0

10|10|00|00|10|11|01|10|01|11|01|10|00|11|01|00| 1.0

11|00|00|00|00|01|11|10|01|00|01|00|01|11|01|00| 1.0

00|11|01|00|01|10|11|10|01|00|00|10|01|11|00|00| 0.0

Generation --> 378

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|00|10|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|01|10|00|01|01|10|00|10|01|10|01|11|01|11| 3.0

00|11|01|10|10|11|01|10|01|10|01|10|00|11|01|00| 3.0

01|10|00|10|00|11|01|10|01|01|11|10|01|11|01|01| 1.0

10|10|00|00|00|11|01|10|11|01|11|10|01|11|01|00| 1.0

10|10|00|11|10|11|10|10|00|01|01|00|01|11|01|00| 1.0

11|00|00|00|00|01|00|10|01|00|01|10|00|11|01|00| 1.0

10|10|00|10|00|11|00|10|01|01|01|10|01|01|01|00| 0.0

Generation --> 379

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|00|10|00|01|01|10|01|01|01|10|01|10|01|00| 3.0

01|00|10|10|00|01|01|00|00|10|01|10|01|11|01|11| 3.0

00|11|01|10|10|01|00|10|01|10|01|10|01|11|01|00| 2.0

00|10|01|10|00|11|01|10|00|01|11|10|01|11|01|00| 1.0

10|10|00|11|10|11|10|10|01|01|01|10|01|11|01|00| 1.0

11|00|00|00|00|11|01|10|01|01|01|10|01|11|01|00| 1.0

10|10|00|10|00|11|01|10|01|00|01|10|00|11|11|00| 0.0

10|10|00|10|00|11|00|10|00|00|01|10|01|11|00|10| 0.0

00|10|00|00|00|11|11|10|11|01|11|11|01|11|11|00| 0.0

Generation --> 380

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|11|10|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|00|10|10|00|01|01|00|00|10|01|10|00|11|01|11| 3.0

00|11|00|10|00|11|00|10|01|01|01|00|01|11|01|00| 2.0

00|10|01|10|00|01|00|10|01|01|01|10|01|10|01|00| 2.0

00|10|00|10|00|11|00|10|01|00|01|10|01|11|01|00| 2.0

11|00|00|00|00|11|01|10|00|10|01|10|01|11|01|11| 1.0

00|10|00|00|00|11|11|10|01|01|01|10|01|11|01|00| 1.0

11|10|00|10|00|01|00|10|00|00|01|10|01|11|00|11| 0.0

10|10|00|11|10|01|10|00|01|11|01|00|01|00|01|00| 0.0

Generation --> 381

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|11|10|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|11|10|10|00|11|01|10|01|01|01|00|01|11|01|00| 8.0

01|00|10|10|00|01|01|00|00|10|01|10|00|11|01|11| 3.0

00|11|00|11|00|11|00|10|01|01|01|10|11|10|01|00| 2.0

00|10|01|10|00|01|00|10|01|01|01|10|01|11|01|00| 2.0

00|10|00|10|00|11|10|10|01|00|01|10|00|11|01|11| 2.0

11|00|00|00|00|11|01|10|01|01|01|00|01|11|01|00| 1.0

00|10|00|00|00|11|11|10|01|01|01|10|00|11|01|00| 1.0

10|00|00|11|10|01|10|00|01|01|01|10|01|10|01|00| 0.0

Generation --> 382

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|11|10|10|00|11|01|10|01|01|01|00|01|11|01|01| 8.0

11|11|10|10|00|11|01|10|01|01|01|00|01|11|01|01| 8.0

00|11|10|10|00|11|01|10|01|01|01|10|01|11|01|10| 8.0

10|10|00|10|00|10|01|10|01|01|01|10|01|11|01|00| 3.0

10|10|00|10|00|10|11|10|01|00|01|10|01|11|01|00| 2.0

00|11|00|11|00|11|01|10|01|01|00|10|01|11|01|00| 1.0

01|00|10|10|00|01|01|00|00|10|01|10|01|01|01|00| 0.0

11|00|00|00|00|10|01|10|01|01|01|10|01|11|11|00| 0.0

10|10|00|01|10|00|10|00|01|11|01|10|01|10|11|00| 0.0

Generation --> 383

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|11|10|10|00|11|01|10|01|01|01|10|01|11|01|01| 8.0

10|10|00|10|00|11|01|10|01|01|01|00|01|11|01|01| 8.0

01|01|10|10|00|11|01|00|00|10|01|00|01|11|01|01| 8.0

10|10|00|10|10|10|11|10|01|00|01|00|01|11|01|01| 2.0

01|10|10|00|00|11|01|10|01|01|01|00|01|11|01|01| 1.0

00|11|10|11|00|11|01|10|01|00|01|10|01|11|01|00| 1.0

00|11|00|11|00|11|01|10|01|01|01|10|01|11|01|11| 1.0

11|00|00|00|00|10|01|10|01|01|01|10|01|11|00|10| 0.0

10|10|00|01|10|00|10|10|00|11|01|10|01|10|11|01| 0.0

Generation --> 384

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|11|10|10|00|11|01|11|00|11|01|10|01|11|01|00| 8.0

10|10|00|10|10|11|01|10|01|01|01|00|01|11|01|01| 8.0

01|01|00|10|00|11|01|00|00|10|01|00|01|11|01|11| 8.0

00|11|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|10|01|00|00|00|01|00|01|11|01|01| 3.0

01|10|10|00|00|11|01|10|01|01|11|10|01|11|01|01| 1.0

00|11|10|11|00|11|01|10|01|00|01|00|01|11|01|11| 1.0

10|10|00|10|00|11|00|11|01|01|01|00|01|10|01|01| 0.0

11|00|00|00|00|10|01|11|01|01|01|10|00|01|01|01| 0.0

Generation --> 385

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|11|10|10|00|11|01|11|00|11|01|10|01|11|01|01| 8.0

10|00|00|10|10|11|01|10|01|01|01|00|01|11|01|01| 8.0

01|01|00|10|00|10|01|00|01|01|01|10|01|11|01|00| 3.0

10|10|01|11|00|11|01|10|01|01|01|10|01|11|01|10| 1.0

00|11|00|00|00|11|00|11|01|01|01|10|00|11|01|00| 1.0

10|00|00|10|00|11|01|00|00|10|00|00|11|11|01|11| 1.0

00|11|10|11|00|11|01|10|01|01|01|10|01|11|01|00| 1.0

11|00|00|00|00|10|01|11|01|01|01|10|01|11|01|00| 1.0

01|11|00|10|00|11|01|00|01|01|00|10|00|11|11|00| 0.0

Generation --> 386

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|11|10|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|01|00|10|00|10|01|00|01|01|01|10|00|11|01|01| 3.0

10|10|01|11|00|11|01|10|01|01|01|10|01|11|01|00| 1.0

00|11|00|00|00|11|01|10|01|01|01|00|00|11|01|01| 1.0

10|00|01|10|00|11|01|00|00|00|00|00|11|11|01|01| 1.0

00|11|10|11|00|11|01|10|00|01|01|10|01|11|01|00| 1.0

11|00|00|00|00|11|01|00|00|10|00|00|10|11|01|11| 1.0

01|11|00|10|00|11|01|00|01|01|00|10|01|11|01|01| 1.0

10|00|00|10|00|01|01|10|01|01|01|00|00|11|11|01| 0.0

Generation --> 387

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|11|10|10|00|11|01|10|00|01|01|10|01|11|01|00| 8.0

10|10|01|10|00|11|01|01|00|00|01|10|01|11|01|00| 8.0

01|01|00|10|00|10|00|00|00|01|01|10|00|11|01|01| 2.0

01|11|00|10|00|11|01|00|01|01|10|10|01|11|01|01| 1.0

00|11|00|00|00|11|01|10|01|01|01|00|01|11|01|00| 1.0

00|11|11|11|00|11|01|10|00|01|01|10|01|10|01|01| 1.0

01|11|00|10|00|11|01|00|01|01|00|10|01|11|01|01| 1.0

11|00|01|01|00|11|01|00|00|10|00|00|10|10|11|11| 0.0

00|01|00|10|00|01|01|00|00|10|00|00|00|11|00|11| 0.0

Generation --> 388

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|01|10|00|11|01|01|00|00|01|10|01|11|01|00| 8.0

00|01|00|10|00|01|01|01|00|00|01|10|11|11|01|00| 3.0

01|01|00|10|00|11|11|01|00|00|01|10|01|11|01|00| 2.0

01|11|01|10|01|11|11|00|01|01|01|00|01|11|01|00| 2.0

11|11|10|00|00|11|01|10|00|01|11|10|01|11|01|01| 1.0

11|10|01|11|00|11|01|01|10|00|01|10|01|11|01|00| 1.0

01|10|00|10|00|11|01|00|01|01|10|10|01|11|01|00| 1.0

00|11|00|00|10|11|01|11|01|01|01|10|01|11|01|00| 1.0

00|11|11|11|00|11|01|10|00|01|00|10|01|00|01|01| 0.0

Generation --> 389

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|11|11|00|11|01|01|00|11|01|10|11|11|01|00| 3.0

00|11|00|10|10|01|01|11|01|01|01|10|01|11|01|00| 3.0

01|01|01|10|10|11|11|11|01|01|01|10|00|11|01|00| 2.0

10|11|01|10|00|11|11|00|01|01|01|10|01|11|01|00| 2.0

01|01|00|10|00|10|11|01|00|00|01|10|01|11|01|00| 2.0

11|10|01|11|00|11|01|01|10|00|01|10|01|11|01|00| 1.0

01|10|00|10|00|11|01|00|01|00|11|10|01|11|01|00| 1.0

00|01|00|10|00|01|01|10|01|01|01|10|01|11|00|00| 0.0

11|01|10|00|10|11|01|10|00|01|11|10|01|01|01|00| 0.0

Generation --> 390

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|11|00|10|10|01|01|11|00|00|01|10|01|11|01|00| 3.0

10|01|00|10|00|01|01|11|01|01|01|10|01|11|01|00| 3.0

00|11|00|10|10|11|01|11|01|01|01|10|00|11|01|00| 3.0

10|11|01|10|00|11|11|01|01|00|01|10|01|11|01|00| 2.0

10|10|11|11|00|00|01|01|00|11|01|10|11|11|01|00| 1.0

01|01|01|00|10|11|11|11|01|01|01|10|01|11|01|00| 1.0

10|10|11|01|00|11|01|01|00|00|01|10|01|11|01|00| 1.0

11|10|11|11|00|10|01|01|10|00|01|10|01|11|01|00| 1.0

11|10|10|00|10|01|01|11|01|01|01|10|01|11|01|00| 1.0

Generation --> 391

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|01|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|11|00|10|10|01|01|11|00|01|01|10|01|11|01|01| 3.0

00|11|00|10|10|11|01|11|01|01|01|10|00|11|01|00| 3.0

10|10|00|10|11|01|01|11|00|00|01|10|01|11|01|00| 3.0

01|01|11|00|10|11|00|11|01|01|01|00|01|11|01|00| 1.0

11|10|11|11|00|10|01|01|10|00|01|00|11|11|01|00| 1.0

11|10|10|00|10|01|01|11|01|11|01|10|00|11|01|00| 1.0

10|11|01|10|11|11|11|01|01|00|01|10|01|10|00|00| 0.0

00|10|11|11|00|00|11|01|00|11|01|10|01|10|11|00| 0.0

Generation --> 392

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|01|00|10|00|11|01|11|01|01|01|10|01|11|01|00| 8.0

10|11|01|10|00|11|01|10|01|00|01|10|01|11|01|00| 8.0

00|11|00|11|11|01|01|01|00|01|11|10|01|11|01|00| 1.0

01|01|11|00|10|11|11|10|01|01|01|10|01|11|01|00| 1.0

11|10|11|11|00|10|01|01|10|00|00|10|01|11|01|00| 1.0

00|10|00|10|10|11|01|10|01|01|01|10|01|11|00|00| 0.0

10|10|00|00|11|01|01|11|00|01|01|10|01|11|00|00| 0.0

11|10|10|00|10|00|01|11|01|11|01|10|01|00|01|00| 0.0

00|10|11|11|00|00|11|01|00|11|01|10|01|10|10|00| 0.0

Generation --> 393

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|10|10|00|11|01|11|01|01|01|10|01|11|01|00| 8.0

01|01|10|10|00|11|01|01|01|01|01|10|01|11|01|00| 8.0

11|01|00|10|00|11|01|10|01|00|01|10|11|11|01|00| 3.0

01|10|10|10|10|11|01|10|01|01|01|10|11|11|01|00| 3.0

10|10|00|00|11|01|01|10|01|00|00|10|01|11|01|00| 1.0

11|10|10|00|10|01|11|11|01|01|01|10|01|11|01|00| 1.0

10|11|01|10|01|11|01|10|01|00|01|10|01|11|00|00| 0.0

00|11|10|11|11|01|01|01|00|01|11|11|01|10|01|00| 0.0

00|10|11|11|00|00|11|01|00|10|01|10|01|10|11|00| 0.0

Generation --> 394

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|11|00|10|00|11|01|10|01|00|01|10|11|11|01|00| 3.0

01|10|10|10|10|11|01|10|11|01|01|10|11|11|01|00| 3.0

00|11|00|10|00|11|11|10|01|01|01|10|01|11|01|00| 2.0

11|11|10|11|00|01|11|11|01|01|01|10|01|11|01|00| 1.0

10|00|00|00|11|11|01|10|01|00|00|10|01|11|01|00| 1.0

01|10|00|00|10|11|01|01|01|01|01|10|11|11|01|00| 1.0

00|10|11|11|00|00|11|01|11|01|01|10|11|11|01|00| 1.0

01|01|10|10|00|11|01|11|01|11|01|10|01|10|01|00| 0.0

10|11|01|10|11|01|01|10|01|00|00|10|01|01|01|00| 0.0

Generation --> 395

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|10|10|10|11|01|10|01|01|01|10|11|11|01|00| 3.0

00|10|11|10|10|11|01|10|11|01|01|10|11|11|01|00| 3.0

10|11|01|10|11|01|01|10|01|00|01|10|01|11|01|00| 3.0

01|01|10|10|00|11|11|11|11|01|01|10|01|11|01|10| 2.0

11|11|00|10|00|11|11|10|01|01|01|10|01|11|01|01| 2.0

00|11|00|10|00|11|10|10|01|01|01|10|01|11|01|00| 2.0

11|11|10|10|01|01|11|11|01|11|01|10|01|11|01|01| 2.0

10|00|00|00|11|11|01|10|01|01|01|10|01|11|01|00| 1.0

01|00|00|00|00|11|01|10|01|00|01|10|11|01|01|00| 0.0

Generation --> 396

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|10|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|11|01|10|11|01|01|10|01|01|01|00|01|11|01|00| 3.0

11|11|00|10|00|11|11|10|01|01|01|10|01|11|01|00| 2.0

11|11|10|10|01|01|11|10|01|01|01|11|01|11|01|00| 2.0

10|00|00|00|01|11|01|10|01|01|01|10|11|11|01|00| 1.0

00|00|11|10|10|11|01|10|01|01|01|10|01|01|01|00| 0.0

01|11|10|10|00|11|11|11|11|01|01|10|01|11|00|10| 0.0

00|11|00|10|00|01|10|10|01|01|01|10|10|11|00|00| 0.0

01|00|10|00|00|11|01|10|01|00|01|10|11|01|01|10| 0.0

Generation --> 397

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|10|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|11|00|10|00|11|11|10|01|01|01|10|01|11|01|00| 2.0

01|11|10|10|00|11|11|10|11|01|01|10|01|11|01|00| 2.0

00|11|00|10|00|01|10|11|01|01|11|10|01|11|01|00| 1.0

10|00|00|00|01|11|00|10|01|01|01|10|01|11|01|00| 1.0

01|00|10|00|00|11|01|10|01|00|01|10|01|11|01|00| 1.0

10|11|01|10|11|00|01|00|01|01|01|00|01|11|11|00| 0.0

01|10|10|10|01|01|11|10|01|01|01|11|01|01|01|00| 0.0

00|01|10|10|10|11|01|10|01|01|01|11|01|01|01|00| 0.0

Generation --> 398

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|10|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|01|01|10|10|10|01|10|01|00|01|10|01|11|01|00| 3.0

11|11|00|10|00|11|10|10|01|01|01|10|01|11|01|00| 2.0

01|11|10|10|00|11|11|10|11|01|01|10|11|11|01|00| 2.0

00|11|01|10|00|01|10|11|01|01|01|10|01|11|01|00| 2.0

01|10|10|10|01|01|11|10|01|11|01|10|01|11|01|10| 2.0

10|00|00|00|01|11|00|10|01|01|01|10|01|11|01|00| 1.0

01|00|10|00|00|11|01|10|01|01|01|10|01|11|01|00| 1.0

10|11|01|00|01|11|01|10|01|01|01|10|01|10|01|00| 1.0

Generation --> 399

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|11|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|11|00|10|00|11|01|11|01|01|01|10|00|11|01|00| 3.0

00|01|01|10|10|10|01|10|01|00|01|10|01|11|01|00| 3.0

01|11|10|10|00|11|11|10|11|01|01|10|11|11|01|00| 2.0

00|11|01|10|00|01|10|10|01|01|01|10|11|11|01|00| 2.0

01|10|11|10|01|01|11|10|01|11|01|10|00|11|01|10| 2.0

10|00|01|10|00|11|11|10|01|01|01|10|11|11|01|00| 2.0

01|00|10|00|00|11|01|10|01|01|01|10|00|11|01|00| 1.0

10|11|00|00|01|11|01|10|01|01|01|10|01|11|01|00| 1.0

Generation --> 400

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|11|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|11|00|10|00|11|01|11|01|01|01|10|00|11|01|00| 3.0

11|10|11|10|01|01|11|10|00|11|01|10|00|11|01|10| 2.0

00|11|01|10|00|01|10|00|11|01|01|10|01|11|01|00| 2.0

01|10|10|11|01|01|01|10|01|00|01|10|01|11|01|00| 1.0

01|00|11|00|00|11|01|11|01|01|01|10|00|11|01|00| 1.0

10|11|00|00|01|11|01|10|01|01|01|10|01|11|01|01| 1.0

10|10|00|10|00|10|01|11|01|00|01|10|01|10|00|01| 0.0

00|01|01|00|10|10|01|10|01|01|01|10|01|11|11|00| 0.0

Generation --> 401

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|11|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|11|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|11|00|10|00|11|11|10|01|01|01|10|01|11|01|00| 2.0

00|11|01|10|01|01|10|00|11|01|01|11|01|11|01|00| 2.0

01|10|10|11|01|01|11|11|01|01|01|10|01|11|01|00| 1.0

01|00|01|00|00|11|01|00|11|01|01|10|01|11|01|00| 1.0

10|11|00|00|01|10|01|10|01|01|01|10|01|11|01|00| 1.0

00|01|01|00|10|10|01|11|01|01|01|10|00|01|11|01| 0.0

10|10|01|10|00|10|01|01|01|00|00|00|01|10|00|00| 0.0

Generation --> 402

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|11|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|11|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|10|01|01|01|11|01|11|01|00| 8.0

01|11|00|10|00|11|11|10|01|01|01|10|00|11|01|00| 2.0

01|10|10|11|01|01|10|11|01|01|01|11|01|11|01|00| 1.0

10|11|00|00|01|10|01|10|01|01|01|10|01|11|01|00| 1.0

00|01|01|00|10|10|01|10|01|01|01|10|01|11|01|00| 1.0

00|11|01|10|10|11|01|10|01|01|00|10|01|11|00|00| 0.0

01|00|01|00|10|11|01|00|11|01|01|10|01|10|01|00| 0.0

Generation --> 403

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|11|10|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|11|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|11|00|10|00|11|01|10|01|01|01|10|01|11|01|10| 8.0

00|11|01|10|10|11|01|11|01|01|01|10|01|11|01|00| 8.0

10|10|00|00|00|10|01|10|01|01|01|10|01|11|01|00| 1.0

10|01|01|00|01|10|01|10|01|01|01|10|01|11|01|00| 1.0

01|00|01|00|10|11|01|00|11|01|11|10|01|11|01|00| 1.0

01|10|00|10|00|11|01|10|01|01|01|10|01|11|00|00| 0.0

Generation --> 404

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|11|00|10|00|11|01|10|01|01|01|10|01|11|01|10| 8.0

01|10|00|10|01|11|01|00|01|01|01|10|01|11|01|00| 8.0

00|11|01|10|10|10|01|10|00|01|01|10|11|11|01|00| 3.0

10|10|00|10|01|11|11|10|01|01|01|10|01|11|01|00| 2.0

00|10|00|10|00|11|10|10|01|01|01|10|01|11|01|00| 2.0

11|10|01|00|00|00|01|10|01|00|01|10|01|11|01|00| 1.0

01|00|01|00|10|11|01|00|11|01|01|10|01|11|01|00| 1.0

01|11|10|10|01|11|01|10|01|01|01|10|01|00|01|10| 0.0

10|10|00|11|00|11|01|10|01|11|01|10|01|11|11|00| 0.0

Generation --> 405

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|11|00|10|00|11|01|10|01|01|01|10|01|11|01|10| 8.0

00|11|01|10|10|10|01|10|00|01|01|10|11|11|01|00| 3.0

01|10|00|10|01|01|11|00|01|01|01|10|01|11|01|01| 2.0

10|10|00|10|00|11|11|10|01|01|01|10|01|11|01|00| 2.0

10|10|00|10|00|11|10|00|01|01|01|10|01|11|01|00| 2.0

01|11|10|11|00|11|01|10|01|01|01|10|01|11|01|10| 1.0

11|10|01|00|00|01|01|10|01|01|01|10|01|10|01|00| 1.0

01|00|01|00|10|11|01|00|11|01|01|10|01|11|01|00| 1.0

10|10|00|11|00|10|01|10|01|11|01|10|01|11|11|00| 0.0

Generation --> 406

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|00|10|10|11|01|10|01|00|01|10|01|11|01|00| 8.0

00|11|01|10|10|10|01|10|00|01|01|10|11|11|01|00| 3.0

11|10|00|10|00|10|10|00|01|01|01|10|01|11|01|00| 2.0

10|11|00|10|00|11|01|10|01|01|00|10|11|11|01|00| 1.0

01|10|00|11|01|01|01|10|01|01|01|11|01|11|01|10| 1.0

10|10|01|10|00|11|11|10|00|01|00|10|01|11|01|00| 1.0

11|10|00|00|00|01|01|10|01|01|01|10|01|11|01|10| 1.0

10|10|00|11|00|10|01|10|01|11|01|10|01|11|01|00| 1.0

01|11|10|11|00|11|01|11|01|01|01|10|00|10|01|00| 0.0

Generation --> 407

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|11|00|10|10|11|01|10|01|00|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|00|10|00|11|11|10|01|00|01|10|01|10|01|00| 2.0

10|11|00|10|00|11|01|10|01|01|00|10|01|11|01|00| 1.0

01|10|01|11|01|01|01|10|01|01|01|11|01|11|01|10| 1.0

10|10|01|10|00|11|11|10|00|01|00|10|01|11|01|00| 1.0

11|10|00|00|10|10|01|10|00|01|01|10|11|11|01|00| 1.0

01|11|10|11|00|11|01|11|01|01|01|10|01|11|01|00| 1.0

00|10|00|10|10|11|01|10|01|00|01|10|01|11|00|00| 0.0

Generation --> 408

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|00|01|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|00|10|00|11|01|10|01|01|01|10|01|11|01|10| 8.0

10|10|01|10|00|11|10|10|01|00|01|10|01|10|01|00| 2.0

00|11|00|01|11|11|01|10|01|01|00|10|01|11|01|00| 1.0

10|10|00|10|00|11|01|10|01|01|11|10|01|11|01|00| 1.0

11|10|00|00|10|11|11|10|01|00|01|10|01|10|01|00| 1.0

01|11|10|11|00|11|01|11|01|01|01|10|01|11|01|00| 1.0

01|10|01|11|01|01|01|10|00|01|01|10|01|10|01|00| 1.0

00|10|01|10|10|11|01|10|01|01|01|01|01|11|00|00| 0.0

Generation --> 409

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|00|10|00|11|01|10|01|01|01|11|01|11|01|00| 8.0

11|00|01|00|00|11|01|10|01|01|01|10|01|11|01|00| 1.0

10|10|01|00|00|11|01|10|01|01|01|10|01|11|01|00| 1.0

00|11|00|01|11|11|01|10|01|01|00|10|11|11|01|00| 1.0

11|10|00|00|10|11|11|10|01|01|00|10|01|11|01|00| 1.0

01|11|10|11|00|11|01|11|01|01|01|10|01|11|01|00| 1.0

10|10|01|10|00|11|10|11|01|00|01|10|01|10|01|00| 0.0

00|10|01|10|00|10|10|10|11|00|01|10|01|10|00|01| 0.0

01|10|01|11|01|01|00|10|11|01|01|10|01|11|10|10| 0.0

Generation --> 410

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|00|10|00|11|01|00|01|01|01|10|01|11|01|00| 8.0

11|10|00|10|00|11|01|10|01|01|01|11|01|11|01|00| 8.0

00|01|00|01|11|11|01|10|01|01|00|10|11|11|01|00| 1.0

00|11|00|01|11|11|00|10|01|01|01|00|11|11|01|10| 1.0

01|00|01|00|00|11|01|10|00|01|01|10|01|11|00|00| 0.0

01|11|10|11|00|11|01|11|01|01|01|11|01|11|11|10| 0.0

00|10|00|01|11|11|01|10|01|01|00|10|11|01|01|00| 0.0

01|10|01|11|01|01|00|10|11|01|01|11|01|11|00|00| 0.0

10|10|01|10|00|11|10|11|01|00|01|11|01|10|01|00| 0.0

Generation --> 411

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|00|10|00|11|01|10|00|01|01|10|01|11|01|01| 8.0

11|10|00|10|10|11|00|10|01|01|01|00|11|11|01|10| 2.0

01|10|01|11|11|11|00|10|00|01|01|00|11|11|01|10| 2.0

00|11|00|11|11|11|00|10|01|01|01|00|11|11|01|10| 2.0

00|01|00|01|11|11|01|10|01|01|00|10|11|11|01|00| 1.0

01|11|10|11|00|11|01|10|01|01|01|10|01|11|01|10| 1.0

10|11|00|01|11|11|01|10|01|01|00|10|11|11|01|00| 1.0

00|10|00|01|11|11|01|10|01|01|00|10|10|11|00|00| 0.0

01|00|01|01|00|11|01|10|01|01|01|10|01|11|00|00| 0.0

Generation --> 412

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|00|10|00|11|01|10|00|01|01|10|01|11|01|01| 8.0

00|11|00|01|11|11|00|10|01|01|01|00|11|11|01|10| 1.0

00|01|01|11|11|11|01|10|11|01|00|00|11|11|01|00| 1.0

00|11|10|11|00|11|01|11|00|01|01|10|01|11|01|00| 1.0

10|01|00|01|11|11|01|10|01|01|00|10|01|10|01|00| 1.0

00|10|00|01|10|11|01|10|01|01|01|10|01|11|01|00| 1.0

01|01|01|01|00|11|01|10|01|01|01|10|01|11|01|01| 1.0

11|10|00|10|10|11|01|10|01|01|01|10|01|11|00|00| 0.0

01|10|01|11|11|11|00|00|00|01|00|00|11|10|01|10| 0.0

Generation --> 413

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|00|10|00|11|01|10|00|01|01|00|01|11|01|01| 8.0

01|11|01|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|10|01|11|01|10|01|11|01|00| 8.0

01|01|01|10|00|11|01|10|00|01|01|10|01|11|01|01| 8.0

11|00|00|10|10|11|01|10|01|01|01|11|01|11|01|01| 8.0

00|11|00|01|11|11|00|10|01|01|01|10|01|11|01|01| 1.0

01|10|01|11|11|11|00|00|00|01|00|00|11|11|01|00| 1.0

00|11|10|10|01|11|01|10|01|01|01|00|01|11|00|00| 0.0

00|01|01|11|11|11|11|10|11|01|00|01|11|11|11|00| 0.0

Generation --> 414

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|01|01|10|00|11|01|10|00|01|01|10|01|11|01|01| 8.0

11|00|00|10|10|11|01|10|01|01|01|11|01|11|01|01| 8.0

10|00|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|00|10|00|11|01|10|00|01|01|00|01|11|01|01| 8.0

01|10|01|11|11|11|00|00|00|01|00|00|11|11|01|00| 1.0

00|01|01|11|11|11|11|10|11|01|00|01|11|11|01|00| 1.0

01|11|01|10|00|11|11|10|00|01|01|11|01|01|01|01| 0.0

01|10|00|10|00|11|00|10|00|01|01|00|01|11|00|00| 0.0

Generation --> 415

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|10|00|01|01|00|01|11|01|01| 8.0

10|10|00|10|00|11|01|10|01|00|01|10|01|11|01|00| 8.0

11|00|00|10|10|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|00|10|00|11|01|10|00|01|01|00|01|11|01|01| 8.0

01|10|01|10|00|10|11|10|00|01|01|10|01|11|01|00| 2.0

01|10|00|10|00|11|00|10|00|01|01|00|01|11|01|00| 2.0

10|00|10|11|00|11|01|10|01|11|01|10|01|11|01|00| 1.0

01|10|01|11|11|11|00|00|00|01|00|00|11|11|01|00| 1.0

00|01|01|11|11|11|11|10|11|01|11|11|01|11|01|01| 1.0

Generation --> 416

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|00|00|10|00|11|01|10|01|00|01|10|01|11|01|01| 8.0

11|00|00|10|10|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|00|10|00|11|01|10|00|01|01|00|01|11|01|00| 8.0

10|00|00|10|01|11|11|10|00|01|01|00|01|11|01|01| 2.0

01|10|01|10|00|10|11|10|00|01|01|11|01|11|01|01| 2.0

10|00|00|11|00|11|01|10|00|00|01|10|00|11|01|10| 1.0

10|00|10|11|00|01|01|10|00|01|01|10|01|11|01|10| 1.0

00|10|00|10|10|11|01|10|01|01|01|00|01|11|00|11| 0.0

00|10|01|11|10|10|01|10|01|00|01|10|00|11|11|00| 0.0

Generation --> 417

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|00|00|10|00|11|01|10|11|00|01|10|01|11|01|01| 8.0

00|10|00|10|00|11|01|10|00|01|01|00|01|11|01|00| 8.0

11|00|00|10|10|11|01|10|01|01|01|10|00|11|01|01| 3.0

00|10|00|10|10|01|01|11|01|00|01|00|00|11|01|01| 3.0

01|11|01|10|00|10|01|10|01|01|01|10|01|11|01|00| 3.0

10|00|00|11|00|11|01|10|01|01|01|10|01|11|01|00| 1.0

10|00|10|11|00|01|01|10|01|01|01|10|01|11|01|00| 1.0

00|10|01|11|10|10|01|10|01|00|01|10|01|11|01|01| 1.0

10|00|01|10|01|11|11|10|01|01|01|00|01|10|01|11| 0.0

Generation --> 418

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|00|10|00|11|01|10|00|01|01|00|01|11|01|00| 8.0

10|10|10|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|00|00|10|00|11|01|10|11|00|01|10|11|11|01|11| 3.0

00|10|00|10|10|01|01|11|01|10|01|00|00|11|01|01| 3.0

01|11|11|11|00|11|01|00|01|11|01|10|01|11|01|00| 1.0

11|00|01|10|01|11|11|10|01|01|00|00|00|11|01|00| 1.0

10|00|00|11|00|11|01|10|11|01|11|10|01|11|01|00| 1.0

10|00|10|01|00|10|01|10|01|01|01|10|01|11|01|00| 1.0

00|10|00|10|10|11|01|10|00|01|01|00|01|11|00|00| 0.0

Generation --> 419

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|10|10|00|11|01|10|11|01|01|10|01|11|01|01| 8.0

10|00|00|10|00|11|01|10|00|01|01|00|01|11|01|00| 8.0

11|00|00|10|00|10|01|10|11|01|01|10|01|11|01|00| 3.0

00|10|00|10|10|01|01|10|01|10|01|00|00|11|01|01| 3.0

01|10|00|10|00|11|11|10|00|01|01|00|11|11|01|00| 2.0

01|11|10|11|00|11|01|00|01|11|01|10|01|11|01|00| 1.0

10|00|00|11|00|11|01|10|11|01|01|10|01|11|01|10| 1.0

00|00|10|01|00|11|01|11|11|00|01|10|11|11|01|11| 1.0

00|10|00|10|10|11|01|10|00|01|01|00|01|11|00|00| 0.0

Generation --> 420

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|10|10|00|11|01|10|11|01|01|00|01|11|01|11| 8.0

10|10|10|10|00|11|01|10|11|01|01|10|01|11|01|01| 8.0

00|00|10|10|00|11|01|10|00|01|01|00|01|11|01|00| 8.0

11|00|00|10|00|10|01|10|11|01|01|10|01|11|01|10| 3.0

00|00|00|10|10|01|01|10|01|10|01|00|00|11|01|01| 3.0

01|10|00|10|00|11|11|10|00|01|01|00|10|11|01|01| 2.0

10|00|00|11|10|11|01|10|10|01|01|10|01|11|01|01| 1.0

01|11|10|11|00|00|01|10|11|01|01|10|01|11|01|00| 1.0

01|10|00|10|10|11|11|10|00|11|01|00|01|11|00|00| 0.0

Generation --> 421

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|10|10|01|11|01|10|11|01|01|10|01|11|01|01| 8.0

10|00|10|10|00|11|01|10|00|01|01|00|01|11|01|00| 8.0

00|00|00|10|00|11|01|00|01|11|01|10|01|11|01|00| 8.0

11|00|00|10|00|10|01|10|11|01|01|10|01|11|01|10| 3.0

00|00|00|10|10|01|01|10|00|01|01|00|01|11|01|00| 3.0

11|00|00|10|00|10|01|10|11|01|01|00|01|11|01|10| 3.0

01|10|00|10|00|11|00|10|11|01|01|10|01|11|01|01| 2.0

11|11|10|11|00|00|11|10|11|01|01|10|01|10|01|01| 1.0

10|10|10|10|00|11|01|11|11|00|01|00|01|10|01|11| 0.0

Generation --> 422

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|00|10|10|00|11|01|10|00|01|01|01|01|11|01|00| 8.0

10|10|10|10|00|11|01|11|11|00|01|00|01|11|01|00| 8.0

00|10|10|10|00|10|01|10|00|01|01|00|01|11|01|10| 3.0

00|00|00|10|10|01|01|00|01|10|01|10|01|11|01|00| 3.0

11|11|11|10|11|01|01|10|00|01|01|00|01|11|01|00| 3.0

01|10|00|10|00|01|00|10|00|11|01|10|01|11|01|00| 2.0

11|00|00|11|00|10|01|10|11|01|01|10|01|11|01|00| 1.0

10|10|10|10|01|11|01|10|11|01|01|00|01|10|01|01| 0.0

01|01|00|10|00|11|01|10|11|01|01|10|01|11|11|00| 0.0

Generation --> 423

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|10|10|00|11|01|10|00|01|01|01|01|11|01|00| 8.0

10|10|10|10|01|11|01|11|11|00|01|00|01|11|01|00| 8.0

01|01|00|10|00|11|01|10|11|01|01|00|00|11|01|00| 3.0

00|00|00|10|10|01|01|00|01|10|01|10|01|11|01|00| 3.0

10|00|10|10|01|11|01|10|00|01|00|01|01|11|01|00| 1.0

00|10|10|11|00|10|01|10|00|01|11|00|01|11|01|00| 1.0

11|11|11|10|11|01|01|10|01|01|00|10|01|11|01|01| 1.0

11|10|00|00|00|01|00|10|11|00|01|00|01|11|01|00| 1.0

11|00|00|11|00|11|01|10|11|01|01|10|01|11|01|00| 1.0

Generation --> 424

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|01|00|10|00|11|01|10|00|11|01|01|01|11|01|00| 8.0

11|10|00|10|01|11|01|10|01|01|01|10|01|11|01|01| 8.0

11|00|10|10|01|01|01|11|11|00|01|00|01|11|01|00| 3.0

00|01|00|10|10|01|01|00|11|01|01|10|01|11|01|00| 3.0

10|10|10|00|00|11|01|10|00|01|01|01|01|11|01|00| 1.0

00|10|10|10|01|11|01|11|11|00|11|10|01|11|01|00| 1.0

11|10|00|00|00|11|01|10|01|01|01|10|01|11|01|00| 1.0

11|00|10|11|00|11|01|10|00|01|01|01|01|11|01|00| 1.0

00|10|10|11|00|00|01|10|00|00|01|00|01|01|01|00| 0.0

Generation --> 425

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|01|00|10|00|11|01|10|00|10|01|00|01|11|01|00| 8.0

11|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|00|10|10|01|00|01|10|00|11|01|01|01|11|01|00| 3.0

00|01|00|10|10|01|01|00|11|01|01|11|01|11|01|00| 3.0

10|10|01|00|00|11|01|10|00|01|01|01|01|11|01|01| 1.0

00|11|10|10|01|11|01|11|01|00|11|10|01|11|01|00| 1.0

11|10|00|00|00|11|01|10|01|01|01|10|01|11|01|01| 1.0

01|10|00|10|01|11|01|10|01|01|01|10|01|11|00|01| 0.0

00|10|10|11|00|00|01|00|10|00|01|00|01|01|01|00| 0.0

Generation --> 426

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|01|00|10|00|11|01|10|00|10|01|00|01|11|01|00| 8.0

11|10|00|10|00|11|01|10|00|10|01|00|01|11|01|00| 8.0

00|01|00|10|10|01|01|00|11|01|01|11|01|11|01|00| 3.0

00|11|10|10|10|01|01|00|11|01|01|11|01|11|01|00| 3.0

01|11|00|10|10|01|01|00|01|00|01|11|01|11|01|00| 3.0

10|00|11|00|00|11|01|10|00|01|01|10|01|11|01|00| 1.0

11|01|00|10|00|11|01|10|01|10|01|00|01|10|11|00| 0.0

11|00|11|10|01|00|01|10|10|11|01|01|01|10|01|00| 0.0

00|10|10|11|00|00|01|00|10|01|01|00|01|01|01|01| 0.0

Generation --> 427

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|01|01|10|00|11|01|10|00|01|01|10|01|11|01|00| 8.0

10|00|00|10|01|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|01|00|10|10|01|10|00|11|01|01|10|01|11|01|00| 2.0

00|11|10|00|10|11|01|10|01|01|01|10|01|11|01|00| 1.0

01|10|00|10|00|11|01|10|00|10|11|00|11|11|01|00| 1.0

11|01|00|00|00|11|00|10|01|01|01|10|01|11|01|00| 1.0

11|00|11|11|00|11|11|10|00|10|01|00|01|11|01|00| 1.0

00|10|10|11|00|00|01|00|11|01|01|00|01|11|01|00| 1.0

10|00|10|10|00|11|01|10|00|10|01|00|01|11|00|00| 0.0

Generation --> 428

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|00|00|10|01|11|01|10|00|01|01|10|01|11|01|00| 8.0

10|00|10|10|00|11|01|11|10|10|01|00|01|11|01|00| 8.0

01|10|00|10|00|11|01|10|00|01|01|10|00|10|01|00| 3.0

11|00|00|10|10|01|10|00|11|01|01|10|01|11|01|00| 2.0

00|01|00|10|10|01|10|00|11|11|11|10|01|11|01|00| 1.0

00|11|10|01|10|11|01|10|01|01|01|00|01|11|01|00| 1.0

11|01|00|00|00|10|00|10|01|01|01|10|01|11|01|00| 1.0

01|10|10|11|00|00|01|00|11|01|01|00|01|11|01|00| 1.0

11|01|01|10|00|11|01|00|00|01|01|10|01|01|01|00| 0.0

Generation --> 429

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|00|10|10|00|11|01|10|00|01|01|10|01|11|01|00| 8.0

01|10|00|10|00|11|01|10|00|01|01|00|01|11|01|00| 8.0

01|10|10|10|00|01|01|00|11|01|01|10|01|11|01|00| 3.0

11|00|00|10|10|01|10|00|11|01|01|10|01|11|01|00| 2.0

00|01|00|10|10|01|10|00|11|01|01|10|01|11|01|00| 2.0

00|11|10|01|10|11|01|10|00|11|01|10|01|11|01|00| 1.0

11|01|01|11|00|11|01|00|00|01|01|10|01|11|01|00| 1.0

10|00|10|10|01|11|01|10|01|01|01|10|01|11|11|00| 0.0

11|01|00|00|00|10|01|10|00|11|01|10|00|10|11|00| 0.0

Generation --> 430

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|10|10|00|11|01|10|00|01|01|10|01|11|01|00| 8.0

01|10|00|10|00|11|01|10|01|00|01|00|00|11|01|00| 3.0

11|00|00|10|10|01|10|00|11|01|01|10|01|11|01|00| 2.0

00|01|00|10|10|01|10|00|11|01|01|00|01|11|01|10| 2.0

10|00|10|00|00|11|01|10|00|01|01|00|01|11|01|00| 1.0

10|00|10|11|00|11|01|10|00|01|01|10|01|11|01|00| 1.0

00|11|10|01|11|11|01|11|00|11|01|10|01|11|01|00| 1.0

11|01|01|11|00|11|01|00|00|01|01|10|01|10|01|00| 0.0

11|01|00|00|00|10|01|10|00|11|00|10|00|10|11|00| 0.0

Generation --> 431

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|11|00|10|00|11|01|10|01|00|01|10|01|11|01|10| 8.0

10|10|10|10|00|10|01|10|00|01|01|11|00|11|01|00| 3.0

11|00|00|10|00|11|01|10|01|00|01|00|00|11|01|00| 3.0

00|01|00|10|11|01|10|00|11|01|01|00|01|11|01|10| 2.0

10|00|10|01|00|11|01|11|00|11|01|10|01|11|01|00| 1.0

11|00|10|01|00|11|01|10|00|01|01|10|01|11|01|00| 1.0

00|11|10|01|11|11|00|11|00|10|01|10|11|11|01|00| 1.0

10|01|01|11|00|11|01|10|01|01|01|10|01|11|01|00| 1.0

11|01|00|00|11|11|01|10|00|11|01|10|01|11|00|00| 0.0

Generation --> 432

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|11|00|10|00|11|01|10|01|00|01|10|01|11|01|10| 8.0

10|10|00|10|00|11|01|10|01|00|01|11|01|11|01|10| 8.0

00|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|00|00|10|01|11|01|11|00|10|01|10|11|11|01|00| 3.0

10|10|10|11|00|10|01|11|01|00|01|10|01|11|01|10| 1.0

10|01|00|10|11|01|11|00|11|01|11|00|01|11|01|00| 1.0

10|00|10|01|00|11|11|11|00|11|01|10|01|11|01|00| 1.0

00|11|10|01|11|11|00|11|00|10|01|10|10|11|01|00| 1.0

11|01|00|00|11|11|01|00|01|00|01|01|00|11|01|00| 1.0

Generation --> 433

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|11|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|10|01|00|01|11|01|11|01|10| 8.0

00|10|00|10|01|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|00|00|10|00|11|01|10|01|01|01|10|01|11|01|10| 8.0

11|00|00|10|00|11|01|10|01|00|01|11|01|11|01|10| 8.0

10|10|10|10|00|10|01|11|01|00|01|10|01|11|01|10| 3.0

10|01|00|10|11|01|10|00|11|01|01|10|01|11|01|00| 2.0

11|00|00|00|01|11|01|11|00|10|01|10|11|11|01|00| 1.0

00|11|10|01|11|11|00|11|00|11|01|10|10|11|01|10| 1.0

Generation --> 434

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|11|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|10|10|00|11|01|10|01|10|01|11|01|11|01|00| 8.0

00|10|00|10|01|11|01|10|01|01|01|11|01|11|01|10| 8.0

10|00|00|10|10|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|00|00|10|00|11|01|10|00|01|01|00|01|11|01|00| 8.0

01|10|10|10|00|10|01|10|01|01|01|11|01|11|01|00| 3.0

10|01|00|10|11|01|10|00|11|01|01|10|01|11|01|00| 2.0

11|00|00|01|01|11|01|11|00|10|01|10|11|11|01|10| 1.0

00|11|10|01|11|11|00|11|00|11|01|10|10|01|01|00| 0.0

Generation --> 435

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|11|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|11|00|10|10|11|01|10|01|01|01|10|01|10|01|00| 8.0

00|10|00|10|01|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|00|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|00|00|10|00|11|01|10|00|01|01|00|01|11|01|10| 8.0

00|10|10|10|00|10|01|10|01|01|01|11|01|11|01|00| 3.0

11|01|00|10|11|01|10|00|11|01|01|11|01|11|01|00| 2.0

11|01|00|01|00|11|01|10|01|10|01|10|01|11|01|00| 1.0

10|11|10|01|11|10|00|11|00|11|01|11|01|11|01|00| 1.0

Generation --> 436

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|11|00|10|10|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|00|10|01|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|11|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|00|00|00|00|11|00|10|00|01|01|00|01|11|01|10| 1.0

11|01|00|01|00|11|01|10|11|01|01|10|01|10|01|00| 1.0

11|11|00|10|00|10|01|11|01|01|01|10|01|10|01|01| 0.0

10|00|00|10|00|11|01|10|01|01|01|00|01|10|01|10| 0.0

10|00|00|10|00|11|01|10|01|01|01|10|01|01|01|00| 0.0

00|10|10|10|00|10|11|10|01|00|01|11|11|01|01|00| 0.0

Generation --> 437

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|00|10|01|11|01|10|01|11|01|00|01|11|01|00| 8.0

11|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|00|00|10|00|01|01|10|01|01|01|10|01|11|01|00| 3.0

00|11|00|10|10|11|00|10|01|01|01|00|01|11|01|10| 2.0

10|11|00|10|10|11|11|00|01|01|01|10|01|11|01|00| 2.0

00|10|10|10|00|10|11|00|01|01|01|11|11|11|01|00| 2.0

11|00|00|10|10|10|01|10|01|01|11|10|01|11|01|00| 1.0

11|01|00|00|00|11|01|10|10|01|01|10|01|11|01|00| 1.0

11|11|00|10|00|10|01|11|01|01|01|10|01|10|01|01| 0.0

Generation --> 438

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|00|10|01|11|01|10|01|11|01|00|01|11|01|00| 8.0

11|10|00|10|00|11|01|10|01|01|01|11|01|11|01|00| 8.0

00|10|00|10|00|10|01|10|01|01|01|10|01|11|01|01| 3.0

11|11|00|10|00|00|01|11|01|01|01|10|01|11|01|00| 3.0

11|10|00|10|10|10|01|10|01|01|01|11|01|11|01|00| 3.0

00|11|01|10|10|11|00|10|01|01|01|00|01|11|01|10| 2.0

10|11|00|10|10|11|11|00|01|01|01|10|00|11|01|00| 2.0

10|00|00|00|00|01|01|10|01|01|01|10|01|11|01|00| 1.0

11|01|00|00|00|11|11|10|11|01|01|10|00|11|01|00| 1.0

Generation --> 439

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|00|10|00|11|01|10|01|01|01|11|01|11|01|00| 8.0

00|10|00|10|01|11|01|00|01|11|01|00|00|11|01|00| 3.0

10|11|00|10|00|00|01|11|01|01|01|10|01|11|01|01| 3.0

11|10|00|10|11|10|01|10|11|00|01|00|01|11|01|00| 3.0

00|01|00|10|10|11|00|10|01|01|01|00|01|11|01|10| 2.0

10|11|10|10|10|11|11|00|01|11|01|00|01|11|01|00| 2.0

00|10|00|00|00|10|01|00|01|11|00|00|01|11|01|01| 1.0

10|00|00|01|00|01|01|10|01|01|01|00|01|11|01|00| 1.0

10|01|00|00|00|11|11|10|11|01|01|10|00|11|01|00| 1.0

Generation --> 440

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|00|10|00|11|01|10|00|01|01|11|01|11|01|00| 8.0

00|10|00|10|01|11|01|00|01|11|01|00|01|11|01|00| 8.0

10|11|00|10|01|00|01|11|11|00|01|00|01|11|01|00| 3.0

00|01|00|10|10|11|00|10|00|01|01|00|01|11|01|10| 2.0

10|10|10|10|10|11|11|00|01|11|01|11|11|11|01|00| 2.0

00|10|00|00|00|10|01|10|01|01|00|10|01|11|01|00| 1.0

10|01|00|00|00|11|10|10|01|01|01|10|01|11|01|00| 1.0

11|10|00|10|00|11|01|10|11|01|01|10|01|01|01|00| 0.0

10|00|00|01|00|01|01|10|01|01|01|00|01|10|00|00| 0.0

Generation --> 441

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|00|10|10|11|01|00|01|11|01|00|01|11|01|00| 8.0

00|10|00|10|01|11|01|00|01|11|01|01|01|11|01|00| 8.0

00|01|00|10|10|01|00|10|00|00|01|10|11|11|01|00| 2.0

10|10|10|10|10|11|11|00|01|11|01|11|11|11|01|01| 2.0

00|10|00|11|01|11|01|00|11|11|01|10|01|11|01|00| 1.0

10|00|00|01|00|01|01|10|01|01|01|00|01|11|01|00| 1.0

10|01|00|00|00|11|11|10|01|00|01|10|10|11|11|10| 0.0

10|11|00|10|01|00|01|11|11|00|01|00|01|10|10|00| 0.0

11|10|00|10|00|11|01|10|11|11|01|10|11|01|01|00| 0.0

Generation --> 442

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|01|10|00|11|01|10|01|01|01|10|01|10|01|00| 8.0

10|11|00|10|01|11|01|00|01|11|01|11|01|11|01|00| 8.0

00|01|00|10|10|01|00|10|00|00|01|10|11|11|01|00| 2.0

10|11|10|10|10|11|11|00|00|11|01|11|01|11|01|01| 2.0

00|10|00|11|01|11|01|00|11|00|00|10|11|11|01|00| 1.0

11|00|00|01|00|01|01|10|01|01|01|00|01|11|01|00| 1.0

00|01|00|10|10|01|00|10|00|00|01|00|01|11|11|00| 0.0

10|01|00|00|00|11|11|10|01|01|01|10|11|00|01|00| 0.0

11|10|00|10|00|11|01|10|10|11|01|10|11|01|01|00| 0.0

Generation --> 443

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|01|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|11|00|10|01|11|01|00|01|01|11|11|01|11|01|00| 1.0

00|10|00|11|01|01|01|00|00|00|01|10|11|11|01|00| 1.0

10|11|10|11|10|11|11|00|00|11|01|11|01|11|01|01| 1.0

00|01|00|10|10|01|10|10|11|00|00|10|11|11|01|00| 1.0

11|01|00|01|00|01|01|10|01|01|00|10|01|10|01|00| 1.0

10|01|00|00|00|11|11|10|01|00|00|10|11|11|01|00| 1.0

00|01|00|10|10|01|00|10|00|10|01|01|11|10|01|00| 0.0

11|10|00|10|00|11|01|10|10|11|01|10|10|01|01|00| 0.0

Generation --> 444

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|01|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|01|10|10|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|00|01|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|11|10|11|10|11|11|00|01|11|01|11|11|11|01|01| 2.0

10|11|10|10|01|11|01|00|01|01|11|10|00|11|01|00| 1.0

11|01|00|01|10|01|01|10|01|01|01|10|01|11|01|00| 1.0

00|10|01|10|00|11|01|00|11|01|01|10|01|10|01|00| 0.0

00|10|00|10|00|11|11|10|01|00|00|10|11|00|01|00| 0.0

10|11|10|11|10|11|11|00|00|11|01|11|01|10|01|00| 0.0

Generation --> 445

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|11|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|10|01|10|01|00|01|00|11|11|01|00| 3.0

11|11|11|11|10|11|11|00|01|10|01|11|11|11|01|01| 2.0

00|10|00|10|00|11|10|10|01|00|01|10|01|11|01|00| 2.0

10|11|10|10|01|11|01|00|01|01|11|10|01|11|01|00| 1.0

11|01|00|01|10|01|01|10|01|01|01|10|11|11|01|00| 1.0

00|10|01|10|10|10|01|10|01|01|01|10|01|01|01|00| 0.0

00|10|11|11|10|01|01|00|11|01|01|10|01|10|01|00| 0.0

10|11|10|11|10|11|11|00|00|11|01|11|01|00|01|00| 0.0

Generation --> 446

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|11|01|01|01|10|01|11|01|00| 8.0

11|10|00|10|00|11|01|10|01|01|01|10|01|11|01|10| 8.0

10|10|00|10|00|00|01|10|01|00|01|00|01|11|01|00| 3.0

00|10|01|10|10|10|01|10|01|01|01|10|01|11|01|00| 3.0

00|10|00|10|00|11|10|10|01|00|01|00|11|11|01|00| 2.0

11|11|00|10|01|11|01|10|01|01|11|10|01|11|01|00| 1.0

00|10|11|11|10|00|11|00|11|01|01|10|01|11|01|00| 1.0

11|11|11|11|10|11|11|00|01|10|01|01|11|10|01|01| 0.0

01|01|00|01|10|01|01|10|01|10|01|10|01|11|00|00| 0.0

Generation --> 447

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|11|00|10|00|11|01|11|01|01|01|11|01|11|01|10| 8.0

11|10|00|10|00|01|01|10|01|01|01|10|01|11|01|00| 3.0

10|10|00|10|00|00|01|00|01|00|01|00|00|11|01|10| 3.0

00|10|01|10|10|10|01|11|01|11|01|10|01|11|01|00| 3.0

11|10|00|10|00|11|01|10|01|01|11|10|01|11|01|00| 1.0

11|11|00|10|01|11|01|10|01|11|11|10|01|11|01|00| 1.0

01|01|00|01|10|11|01|10|01|01|01|10|01|11|01|00| 1.0

00|11|01|10|00|11|10|10|01|00|01|00|11|10|01|00| 0.0

00|10|11|11|10|10|11|00|11|01|01|10|01|11|11|00| 0.0

Generation --> 448

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|11|01|00|01|11|01|11|01|10| 8.0

00|10|11|10|00|11|01|11|01|01|01|11|01|11|01|10| 8.0

11|10|00|10|00|01|01|10|01|11|01|10|00|11|01|00| 3.0

00|10|01|10|10|00|01|10|01|01|01|10|01|11|01|00| 3.0

00|11|01|10|00|11|00|11|01|01|01|11|01|11|01|01| 2.0

10|10|00|10|00|00|11|00|01|00|01|00|00|11|01|10| 2.0

11|10|00|10|00|11|01|10|01|01|11|10|01|11|01|10| 1.0

11|11|00|10|11|11|01|11|01|01|01|11|01|01|01|10| 0.0

11|11|00|00|10|11|01|10|01|01|01|10|00|11|11|00| 0.0

Generation --> 449

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|11|10|00|11|01|11|01|00|01|11|01|11|01|10| 8.0

10|10|00|10|00|11|01|11|11|00|01|11|01|11|01|10| 8.0

00|11|01|10|00|11|01|11|01|01|01|11|01|11|01|10| 8.0

00|11|01|10|10|00|01|11|01|00|01|10|11|11|01|10| 3.0

11|10|00|10|10|10|01|10|01|01|01|11|01|11|01|00| 3.0

10|11|00|10|11|11|00|11|01|01|01|11|01|11|01|01| 2.0

11|11|00|00|10|11|01|10|01|01|00|11|01|11|01|10| 1.0

10|10|00|10|00|01|01|01|01|01|01|11|01|10|01|10| 0.0

10|10|00|10|00|00|11|00|01|00|01|11|01|11|00|10| 0.0

Generation --> 450

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|01|11|10|00|11|01|11|00|00|01|11|01|11|01|10| 8.0

00|11|01|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|00|00|10|00|10|01|11|11|00|01|01|01|11|01|10| 3.0

00|11|00|10|10|00|01|11|01|00|01|10|11|11|01|10| 3.0

10|10|00|10|00|10|01|10|01|00|01|11|00|11|01|00| 3.0

11|10|00|10|00|00|01|10|00|01|01|10|01|11|01|00| 3.0

10|11|00|10|11|11|00|11|01|01|11|10|01|11|01|00| 1.0

11|11|00|00|10|11|01|10|01|11|00|11|01|11|01|10| 1.0

11|11|00|10|01|11|01|10|01|01|01|10|01|01|01|00| 0.0

Generation --> 451

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|01|01|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|00|00|10|00|10|01|10|01|01|01|10|01|11|01|00| 3.0

00|11|00|10|10|00|01|11|01|00|01|10|11|11|01|10| 3.0

10|00|10|10|00|10|01|10|01|00|01|11|00|11|01|00| 3.0

10|00|00|10|00|11|11|10|11|00|01|10|01|11|01|00| 2.0

10|11|00|10|11|11|00|11|00|01|01|10|01|11|01|00| 2.0

10|11|00|11|01|11|01|10|01|00|01|11|01|11|01|10| 1.0

11|11|00|00|10|11|01|10|01|01|01|10|00|11|01|00| 1.0

00|01|11|10|00|11|01|11|00|00|01|11|01|01|01|10| 0.0

Generation --> 452

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|00|10|10|00|01|11|11|00|01|11|10|11|01|10| 3.0

10|00|10|10|00|10|01|10|01|00|01|11|00|11|01|00| 3.0

10|11|00|10|11|11|00|11|00|01|01|00|01|11|01|00| 2.0

10|11|00|01|10|11|01|11|01|01|01|10|10|11|01|10| 1.0

00|01|01|10|00|11|01|10|01|01|01|11|01|11|11|00| 0.0

11|01|10|10|00|11|01|10|01|01|01|10|01|01|01|00| 0.0

10|10|00|10|00|11|01|10|01|00|01|10|01|11|11|00| 0.0

10|11|00|11|11|11|01|10|00|00|01|11|01|11|11|10| 0.0

01|11|11|10|00|11|01|11|00|00|01|11|01|01|01|00| 0.0

Generation --> 453

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|00|10|00|00|01|10|01|01|01|10|01|11|01|00| 3.0

10|00|00|11|10|00|01|11|11|00|01|11|10|11|01|10| 1.0

10|11|00|01|10|11|01|11|01|01|01|10|10|11|01|00| 1.0

10|11|00|11|11|11|01|11|00|01|01|00|01|11|01|00| 1.0

10|11|00|10|11|11|00|10|00|00|01|00|01|10|01|00| 0.0

00|01|01|10|00|11|01|10|01|01|01|10|01|11|10|00| 0.0

11|01|10|10|00|11|01|10|01|01|01|10|01|01|01|10| 0.0

10|10|00|10|00|11|00|10|01|00|11|10|01|11|11|10| 0.0

01|10|01|10|01|11|01|11|00|00|01|11|01|01|01|00| 0.0

Generation --> 454

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|11|11|01|11|00|01|01|00|01|11|01|00| 8.0

00|01|11|10|00|11|01|10|11|01|01|10|10|11|01|10| 3.0

10|01|00|10|00|00|00|10|01|01|01|10|01|11|01|00| 2.0

11|01|10|10|00|11|01|10|01|01|11|10|01|11|01|00| 1.0

00|10|00|10|10|00|01|10|01|01|11|00|01|11|01|00| 1.0

10|00|00|11|10|11|11|11|01|01|01|10|10|11|01|00| 1.0

10|11|00|10|11|11|01|11|00|01|00|00|01|11|01|00| 1.0

10|11|00|10|11|10|00|10|00|00|01|00|01|10|01|00| 0.0

01|10|01|10|01|11|01|11|00|00|01|11|01|01|01|00| 0.0

Generation --> 455

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|11|11|01|11|00|01|01|00|01|11|01|00| 8.0

10|11|00|10|11|11|01|10|01|01|01|10|11|11|01|10| 3.0

00|01|11|01|00|11|01|10|11|01|01|10|10|11|01|10| 1.0

00|10|01|00|00|11|01|10|11|00|01|10|10|11|01|10| 1.0

11|01|10|10|00|11|01|10|01|01|11|00|11|11|01|10| 1.0

10|00|00|11|10|01|11|10|01|01|01|10|10|11|01|01| 1.0

10|11|00|10|11|11|01|11|00|11|11|00|00|10|01|00| 0.0

10|01|00|10|00|00|00|10|01|01|01|10|01|11|00|00| 0.0

11|10|01|10|01|11|01|01|00|00|01|11|01|01|01|00| 0.0

Generation --> 456

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|11|11|01|11|00|01|01|10|01|11|01|00| 8.0

10|10|00|10|01|11|01|11|01|01|01|00|01|11|01|00| 8.0

00|00|01|10|00|11|01|10|10|01|01|10|01|11|01|01| 8.0

10|11|00|10|11|11|01|10|11|00|01|10|10|11|01|00| 3.0

00|01|11|01|00|11|01|10|11|01|01|10|10|11|01|00| 1.0

11|11|10|00|00|11|01|10|00|01|11|00|11|11|01|00| 1.0

00|00|00|11|10|11|11|10|01|11|01|10|10|11|01|01| 1.0

11|10|01|10|01|11|01|01|00|00|01|10|10|10|01|10| 0.0

10|00|00|10|00|00|00|11|01|01|01|11|00|11|00|00| 0.0

Generation --> 457

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|11|11|01|11|00|01|01|10|01|11|01|00| 8.0

10|10|00|10|01|11|01|11|01|01|01|00|01|11|01|00| 8.0

11|10|01|10|11|11|01|10|11|00|01|10|10|11|01|00| 3.0

10|00|00|10|00|00|00|10|10|01|01|10|01|11|01|01| 2.0

00|10|01|11|00|10|01|10|10|01|01|10|01|11|01|01| 1.0

01|10|00|10|11|10|01|11|00|11|11|10|01|11|01|00| 1.0

10|11|00|10|11|11|01|10|00|01|11|00|11|11|01|00| 1.0

00|00|11|01|00|11|01|10|01|01|01|10|11|11|01|01| 1.0

11|11|11|00|01|11|01|11|01|10|01|00|01|11|01|00| 1.0

Generation --> 458

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|11|11|01|11|00|01|01|10|01|11|01|00| 8.0

11|10|01|10|11|11|01|10|11|00|01|00|01|11|01|01| 8.0

10|00|00|10|00|00|00|10|10|01|01|10|10|11|01|00| 2.0

01|10|01|11|00|11|01|11|01|01|01|00|01|11|01|00| 1.0

01|10|00|10|01|10|01|11|00|11|11|10|01|11|01|00| 1.0

10|11|00|10|11|11|01|10|00|01|11|00|10|11|01|00| 1.0

00|00|11|01|00|11|00|10|01|00|01|10|01|11|01|01| 1.0

11|11|11|00|01|11|01|11|01|01|01|00|11|11|01|00| 1.0

Generation --> 459

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|11|11|01|11|00|01|01|10|01|11|01|00| 8.0

10|11|00|10|00|10|01|10|01|01|01|10|01|11|01|00| 3.0

01|10|01|10|00|11|11|10|01|01|01|10|00|11|01|00| 2.0

10|00|00|10|00|00|00|10|00|01|01|10|01|11|01|00| 2.0

11|10|01|10|11|11|01|10|01|01|11|00|10|11|01|00| 1.0

01|10|00|10|01|10|01|11|00|11|11|10|01|11|01|00| 1.0

10|11|00|10|11|11|01|10|00|01|11|00|01|11|01|01| 1.0

00|00|11|01|00|11|00|10|01|10|01|10|01|11|01|00| 1.0

11|01|11|00|00|11|01|10|11|01|01|10|01|11|11|00| 0.0

Generation --> 460

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|11|01|01|11|00|01|01|10|01|11|01|00| 3.0

10|11|00|10|00|10|01|10|11|01|01|10|01|11|01|00| 3.0

01|10|00|10|01|10|01|11|01|01|01|10|00|11|01|00| 3.0

11|10|01|10|11|11|01|10|01|01|11|00|10|11|01|00| 1.0

00|00|11|01|10|11|00|10|01|01|01|10|01|11|01|00| 1.0

01|10|00|10|11|11|01|11|00|01|01|11|01|01|01|00| 0.0

10|11|00|10|11|11|01|11|00|01|01|10|01|10|01|00| 0.0

11|01|10|10|11|11|01|11|00|01|01|10|01|10|01|00| 0.0

10|00|00|10|00|11|01|01|00|01|00|11|01|11|00|00| 0.0

Generation --> 461

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|10|01|11|01|10|01|11|01|00| 8.0

10|11|00|10|00|11|01|10|01|10|01|10|01|11|01|10| 8.0

10|11|00|10|00|01|01|11|00|01|01|10|01|11|01|00| 3.0

01|10|01|10|01|10|01|10|01|01|01|10|01|11|01|00| 3.0

11|01|10|10|01|10|01|11|01|01|01|00|00|11|01|00| 3.0

10|10|01|10|11|11|01|10|01|01|11|00|10|11|01|00| 1.0

00|00|11|01|10|11|00|10|01|01|01|10|01|11|01|00| 1.0

11|10|00|10|11|11|01|11|00|01|00|11|01|11|00|00| 0.0

10|00|00|10|00|11|01|01|00|01|00|11|01|11|00|00| 0.0

Generation --> 462

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|11|00|10|00|11|01|10|01|11|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|00|10|01|10|01|10|01|11|01|10| 2.0

10|10|00|10|01|11|11|00|01|11|01|10|00|11|01|00| 2.0

11|01|10|11|01|10|01|10|01|01|11|10|01|11|01|00| 1.0

00|00|11|01|10|11|00|10|01|01|01|10|01|11|01|00| 1.0

11|00|00|10|00|11|01|11|00|01|00|11|01|11|01|00| 1.0

11|10|00|10|00|01|01|10|01|01|01|10|01|11|00|00| 0.0

10|11|00|10|00|01|01|11|00|01|01|10|01|10|01|00| 0.0

11|10|01|10|01|11|01|10|01|01|01|00|00|10|01|10| 0.0

Generation --> 463

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|11|11|11|00|11|11|01|10|00|11|01|00| 2.0

10|10|00|10|00|11|00|10|01|10|01|10|01|11|01|10| 2.0

10|10|00|10|01|11|11|00|01|11|01|10|10|11|01|00| 2.0

11|01|10|11|01|00|01|10|01|01|01|10|01|11|01|00| 1.0

11|01|10|11|01|10|01|10|01|01|11|10|11|11|01|00| 1.0

11|00|00|10|00|11|01|10|01|11|01|10|01|11|00|00| 0.0

11|10|00|10|00|01|01|10|01|01|01|10|00|11|11|00| 0.0

10|11|10|10|00|11|01|10|01|00|01|11|01|10|00|00| 0.0

00|10|00|10|01|11|11|10|01|11|00|10|01|11|00|00| 0.0

Generation --> 464

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|00|00|10|00|11|01|10|11|11|01|10|00|11|01|00| 3.0

10|10|00|10|10|11|11|00|11|11|01|10|01|11|01|00| 2.0

10|10|00|10|01|11|00|10|01|10|01|10|01|11|01|10| 2.0

10|10|00|10|01|11|11|00|01|11|01|10|10|11|01|00| 2.0

10|00|00|10|11|11|11|10|01|11|01|10|01|11|01|00| 2.0

10|10|00|10|00|10|00|10|01|10|11|10|01|11|01|10| 1.0

11|10|00|00|11|11|11|00|11|01|01|10|00|11|01|00| 1.0

11|01|10|10|00|11|00|10|01|10|01|10|01|01|01|10| 0.0

11|10|00|10|00|01|01|00|01|11|01|10|00|11|11|00| 0.0

Generation --> 465

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|01|10|10|00|10|01|00|01|01|01|10|11|11|01|00| 3.0

10|10|00|10|10|11|11|00|11|11|01|10|01|11|01|00| 2.0

10|10|00|10|01|01|00|10|01|01|01|10|01|11|01|00| 2.0

10|10|01|10|11|11|11|00|01|11|01|10|10|11|01|00| 2.0

10|00|01|10|11|11|11|11|01|11|01|10|01|11|01|10| 2.0

10|10|00|10|01|11|00|10|01|10|01|11|01|11|01|10| 2.0

11|00|00|11|00|11|00|00|11|11|01|10|01|11|01|00| 1.0

10|10|00|10|00|10|00|10|01|10|11|10|01|11|01|00| 1.0

11|10|00|10|00|11|01|00|01|11|01|10|00|11|11|00| 0.0

Generation --> 466

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|01|10|10|00|10|01|01|01|01|01|10|11|11|01|00| 3.0

10|00|00|10|00|11|11|00|11|11|01|10|01|11|01|10| 2.0

10|00|00|10|01|11|00|10|01|01|01|10|01|11|01|00| 2.0

10|10|00|10|01|01|00|10|01|01|01|10|01|11|01|00| 2.0

10|10|11|00|11|11|01|10|01|01|01|10|01|11|01|00| 1.0

01|10|00|10|00|11|01|00|01|11|00|10|11|11|01|00| 1.0

11|01|10|10|00|11|10|10|11|11|11|10|01|11|01|00| 1.0

10|10|00|10|01|00|00|10|01|11|00|10|10|11|11|00| 0.0

10|00|01|11|11|11|11|11|00|11|01|10|10|11|10|00| 0.0

Generation --> 467

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|01|10|00|11|01|10|01|01|01|10|01|11|01|10| 8.0

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|00|10|01|00|01|10|11|01|01|10|01|11|01|00| 3.0

01|10|00|10|00|01|00|10|01|01|01|10|01|11|01|00| 2.0

11|01|10|10|00|11|10|10|10|11|11|10|01|11|01|10| 1.0

10|00|01|11|11|11|11|11|00|01|01|10|01|11|01|00| 1.0

10|10|00|10|11|01|11|10|01|01|10|10|01|11|00|00| 0.0

10|10|01|10|00|11|10|10|11|11|11|00|01|10|01|00| 0.0

11|10|01|00|11|11|01|11|01|01|01|10|01|10|01|00| 0.0

Generation --> 468

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|01| 8.0

10|10|01|10|00|11|01|10|01|01|01|10|01|11|01|11| 8.0

01|10|00|10|00|11|01|10|01|00|01|10|00|11|01|00| 3.0

10|10|01|11|00|11|01|10|01|01|01|10|01|11|01|10| 1.0

10|00|01|11|11|11|10|11|01|01|11|10|11|11|01|00| 1.0

10|10|00|10|11|01|11|10|01|01|10|10|01|11|01|00| 1.0

11|10|01|00|11|11|01|10|11|01|01|10|01|11|01|00| 1.0

01|10|00|10|00|11|01|10|01|01|01|10|01|11|00|00| 0.0

11|01|10|10|00|11|10|10|10|11|00|10|01|11|00|00| 0.0

Generation --> 469

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|11|01|11|10|01|01|01|10|01|11|01|11| 2.0

10|10|01|00|00|11|01|10|01|01|01|10|00|11|01|11| 1.0

01|11|00|00|00|11|01|11|01|01|01|10|11|11|01|11| 1.0

10|10|01|11|00|11|01|10|01|01|01|10|00|11|01|11| 1.0

00|10|00|10|00|11|01|11|01|01|01|10|01|01|01|00| 0.0

10|00|01|11|11|11|10|11|01|01|11|10|10|10|01|11| 0.0

11|10|01|00|01|11|01|10|11|01|01|10|01|11|00|00| 0.0

01|10|00|10|00|11|01|10|01|01|01|10|01|11|00|00| 0.0

11|01|10|10|00|11|10|10|10|11|00|10|01|11|00|00| 0.0

Generation --> 470

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|11|10|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|10|01|01|01|10|11|11|01|11| 3.0

10|10|00|10|11|00|11|10|01|11|01|11|00|11|01|11| 2.0

00|10|00|00|00|11|01|10|01|01|01|10|01|11|01|00| 1.0

00|10|01|00|00|11|01|10|01|01|01|10|00|11|01|00| 1.0

10|10|01|11|00|11|01|10|01|01|01|10|00|10|01|11| 1.0

10|00|01|11|11|11|10|11|01|01|11|10|10|11|01|11| 1.0

11|00|01|10|01|11|01|10|01|01|11|10|01|11|01|00| 1.0

11|01|10|10|00|11|10|00|10|01|00|10|01|11|10|00| 0.0

Generation --> 471

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|01|10|00|11|01|11|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|11|00|11|10|01|11|01|00|00|11|01|00| 2.0

00|10|00|00|00|11|01|10|01|00|01|10|01|11|01|00| 1.0

10|10|01|11|00|11|01|10|00|01|11|10|11|11|01|00| 1.0

10|00|01|11|11|11|10|11|01|01|11|10|10|11|01|11| 1.0

11|00|10|10|00|11|10|00|10|01|00|10|01|11|01|00| 1.0

11|10|00|11|00|11|01|10|01|01|01|11|01|10|00|00| 0.0

10|11|00|00|00|11|01|10|01|01|11|10|01|11|00|00| 0.0

00|10|01|00|00|11|01|10|01|00|01|10|00|11|00|00| 0.0

Generation --> 472

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|01|10|00|11|01|00|01|00|01|10|01|11|01|00| 8.0

10|11|00|10|11|00|11|10|01|11|01|00|00|11|01|00| 2.0

11|00|10|10|00|11|10|01|01|01|01|10|01|11|01|00| 2.0

00|10|01|00|00|11|01|11|01|00|01|10|01|11|01|00| 1.0

11|10|01|11|00|11|01|10|00|01|01|10|01|11|01|10| 1.0

10|01|01|11|00|11|01|10|00|01|11|10|11|11|01|00| 1.0

11|10|00|11|00|11|01|11|00|01|01|10|01|11|01|00| 1.0

00|10|01|00|00|11|01|10|01|00|01|10|01|11|01|00| 1.0

10|11|00|00|00|10|11|10|01|01|01|10|01|11|00|00| 0.0

Generation --> 473

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|00|10|00|11|01|11|01|00|01|10|01|11|01|00| 8.0

10|11|00|10|11|01|00|10|01|01|01|00|01|11|01|00| 2.0

11|00|10|10|00|11|10|01|01|00|01|10|01|11|01|01| 2.0

00|10|01|00|00|11|01|11|00|00|01|10|01|11|01|00| 1.0

11|10|01|11|00|11|10|00|01|01|01|10|01|11|01|00| 1.0

10|01|11|11|00|11|01|10|00|01|11|10|11|11|01|00| 1.0

10|10|00|10|00|11|01|01|01|00|01|10|01|11|11|00| 0.0

11|00|01|11|00|11|01|11|00|01|00|10|01|01|01|00| 0.0

00|10|01|00|00|11|01|00|01|00|01|10|01|11|11|10| 0.0

Generation --> 474

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|10|01|00|01|10|01|11|01|00| 8.0

00|10|00|10|00|11|01|10|01|01|01|10|01|11|01|10| 8.0

11|00|10|10|00|11|01|11|10|00|01|10|11|11|01|00| 3.0

10|11|00|10|10|01|00|10|00|01|01|00|01|11|01|00| 2.0

00|11|01|00|00|11|01|11|00|00|01|10|01|11|01|00| 1.0

11|10|01|11|00|01|10|00|01|11|01|11|01|11|01|00| 1.0

11|00|01|11|00|11|01|11|01|00|11|10|01|11|01|00| 1.0

00|10|00|10|00|11|01|11|01|00|01|10|01|11|11|00| 0.0

10|01|11|11|00|11|10|01|01|00|01|10|01|11|11|01| 0.0

Generation --> 475

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|10|00|01|01|00|01|11|01|00| 8.0

11|10|00|10|00|11|01|10|01|00|01|10|01|11|01|00| 8.0

10|11|00|10|01|01|01|10|01|01|01|10|01|11|01|10| 3.0

00|10|00|10|10|01|00|10|00|00|01|00|01|11|01|00| 2.0

00|10|00|11|00|11|01|10|00|01|01|10|01|11|01|10| 1.0

00|11|00|00|00|11|01|10|01|01|01|10|01|11|01|10| 1.0

11|10|01|11|10|01|00|10|00|11|01|00|01|11|01|00| 1.0

10|10|00|00|00|11|01|10|01|01|01|10|01|11|00|00| 0.0

10|01|10|10|00|11|01|10|01|10|01|00|01|11|00|00| 0.0

Generation --> 476

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|10|01|01|01|00|01|11|01|00| 8.0

10|11|00|10|01|01|01|10|01|01|01|10|00|11|01|10| 3.0

00|10|01|10|00|01|00|10|01|00|01|00|01|11|01|00| 2.0

01|00|01|11|00|01|01|10|00|01|01|00|01|11|01|00| 1.0

00|11|00|00|00|11|01|10|01|00|01|10|01|11|01|00| 1.0

01|10|11|11|00|11|01|10|01|10|01|10|01|11|01|00| 1.0

10|10|00|00|00|11|01|10|01|01|01|10|11|11|01|00| 1.0

11|10|00|10|10|11|01|10|01|00|01|10|01|11|11|00| 0.0

10|01|10|10|00|11|01|00|01|10|01|00|01|11|00|01| 0.0

Generation --> 477

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|01|10|00|01|00|00|01|00|01|00|01|11|01|10| 2.0

00|10|01|10|00|01|00|10|01|01|01|10|00|11|01|10| 2.0

01|00|01|11|00|01|00|10|11|00|01|00|01|11|01|01| 1.0

01|10|11|11|00|01|01|10|01|01|01|10|00|11|01|10| 1.0

10|10|10|00|00|11|01|10|01|01|01|10|11|11|01|00| 1.0

10|11|00|10|00|11|01|10|00|01|01|00|01|11|00|01| 0.0

11|10|00|10|10|11|01|10|01|10|01|10|01|11|00|00| 0.0

10|01|10|10|00|11|01|10|01|10|01|00|01|01|01|00| 0.0

Generation --> 478

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|10| 8.0

10|11|00|10|00|11|01|10|00|11|01|10|01|11|01|00| 8.0

11|11|00|10|10|11|01|10|01|10|01|10|01|11|01|01| 8.0

10|10|01|10|10|11|00|00|01|00|01|00|01|11|01|10| 2.0

00|10|01|10|00|01|00|10|01|01|01|10|00|11|01|10| 2.0

10|10|01|10|00|01|00|00|11|00|01|10|01|11|01|10| 2.0

10|00|01|10|00|01|00|10|01|01|01|10|00|11|01|10| 2.0

01|10|01|11|00|01|10|01|01|00|01|00|01|11|01|10| 1.0

01|10|11|11|00|01|01|10|01|01|01|10|00|11|01|01| 1.0

Generation --> 479

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|01|00|10|00|11|01|10|01|10|01|10|01|11|01|01| 8.0

11|00|10|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|11|00|10|10|11|01|10|01|10|01|10|01|11|01|01| 8.0

10|00|01|10|00|01|01|10|01|01|01|10|00|11|01|00| 3.0

10|10|00|10|00|11|11|10|00|01|01|10|01|11|01|01| 2.0

00|10|01|10|00|01|00|11|00|11|01|10|01|11|01|01| 2.0

01|10|11|11|00|01|01|10|01|01|01|10|00|11|01|01| 1.0

10|10|01|10|10|11|00|00|01|00|01|00|01|10|01|01| 0.0

10|10|01|10|00|01|00|00|11|00|01|10|01|10|00|10| 0.0

Generation --> 480

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|11|00|10|10|11|01|10|01|10|01|10|01|11|01|01| 8.0

10|10|00|10|00|11|01|10|00|10|01|10|01|11|01|01| 8.0

00|10|00|10|00|11|01|10|01|01|01|10|01|11|01|01| 8.0

10|00|01|10|00|11|01|10|01|10|01|10|00|11|01|01| 3.0

10|11|01|10|00|01|01|10|01|01|01|10|00|11|01|00| 3.0

10|00|00|10|00|11|11|10|01|10|01|10|01|10|01|01| 2.0

11|10|11|11|00|01|01|10|11|01|01|10|01|11|01|00| 1.0

11|00|10|10|00|11|01|10|01|01|01|10|00|11|00|01| 0.0

10|10|01|10|10|11|00|00|01|00|01|00|01|10|01|01| 0.0

Generation --> 481

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|00|01|10|00|11|01|11|01|01|01|10|01|11|01|01| 8.0

01|11|00|10|11|10|01|10|00|10|01|10|01|11|01|00| 3.0

00|10|00|10|00|01|01|10|01|01|01|10|01|11|01|01| 3.0

10|10|00|10|00|11|01|10|01|01|01|10|00|11|01|00| 3.0

10|00|00|10|01|11|11|10|11|10|01|10|01|11|01|01| 2.0

11|10|11|11|00|01|01|10|01|10|01|10|01|11|01|01| 1.0

10|11|11|10|00|01|01|10|00|10|01|10|01|11|11|01| 0.0

11|00|10|10|00|11|01|10|01|01|01|10|00|11|10|01| 0.0

10|10|01|10|10|01|00|00|01|00|01|01|01|10|01|01| 0.0

Generation --> 482

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|00|01|10|00|11|01|11|01|01|01|10|01|11|01|01| 8.0

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|00|10|10|00|11|01|11|01|11|01|10|01|11|01|01| 8.0

10|11|11|10|00|11|01|10|01|01|01|10|01|11|01|01| 8.0

01|11|00|10|01|10|01|10|01|01|01|10|01|11|01|00| 3.0

00|10|01|10|00|10|01|11|01|01|01|10|01|11|01|00| 3.0

11|10|10|10|10|01|01|10|01|01|01|10|01|11|01|01| 3.0

10|10|00|10|00|11|00|10|01|11|01|10|01|11|01|00| 2.0

10|00|00|10|00|01|01|10|01|01|10|00|01|11|01|01| 1.0

Generation --> 483

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|00|01|10|00|11|01|11|01|01|01|10|01|11|01|01| 8.0

01|01|00|10|01|10|01|10|01|01|01|10|11|11|01|00| 3.0

00|10|01|10|00|10|01|11|01|01|01|10|01|11|01|01| 3.0

11|10|10|10|10|00|01|10|11|01|01|10|01|11|01|01| 3.0

10|10|00|10|00|11|00|11|01|10|01|10|01|11|01|00| 2.0

10|00|00|10|00|01|01|00|01|01|10|00|01|11|01|01| 1.0

10|10|00|10|01|11|01|10|01|11|01|11|01|11|00|01| 0.0

11|00|10|10|00|11|01|11|01|01|01|10|01|11|00|01| 0.0

10|11|11|10|00|11|01|10|01|01|01|10|01|11|00|01| 0.0

Generation --> 484

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|00|01|10|00|11|01|11|01|01|01|10|01|11|01|01| 8.0

11|11|10|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|11|00|10|00|11|01|10|01|01|01|10|00|11|01|00| 3.0

00|10|01|10|00|10|01|11|01|01|01|11|01|11|01|00| 3.0

10|10|10|10|10|00|01|10|11|01|01|10|01|11|01|11| 3.0

10|01|00|10|10|01|01|00|01|01|10|00|01|11|01|10| 1.0

10|10|00|10|01|11|11|10|01|01|01|10|01|01|01|00| 0.0

11|11|01|11|01|10|01|11|01|01|01|10|11|10|01|00| 0.0

10|10|10|10|00|11|00|01|00|01|01|10|01|11|11|01| 0.0

Generation --> 485

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|11|10|10|00|11|01|10|01|11|01|10|01|11|01|00| 8.0

00|10|01|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|00|10|00|11|01|10|01|01|01|10|00|10|01|11| 3.0

10|10|10|10|10|00|01|10|11|01|01|10|01|11|01|11| 3.0

10|10|01|10|00|11|11|10|01|01|01|10|01|11|01|00| 2.0

10|00|00|00|00|11|01|10|01|01|01|10|01|11|01|10| 1.0

10|01|00|10|10|01|01|00|01|11|11|10|01|11|11|00| 0.0

11|11|00|11|01|10|01|11|01|01|01|10|11|10|01|00| 0.0

10|10|10|10|00|11|00|01|10|00|01|10|01|11|11|01| 0.0

Generation --> 486

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|11|10|10|00|11|01|10|01|11|01|10|01|11|01|11| 8.0

10|10|10|10|00|11|01|10|01|11|01|10|01|11|01|00| 8.0

00|00|00|10|00|11|01|10|01|01|01|10|01|11|01|10| 8.0

10|01|00|10|00|11|01|10|01|11|01|10|11|11|01|00| 3.0

10|10|10|10|00|00|01|10|01|01|00|10|01|10|01|00| 1.0

01|10|00|10|00|11|01|11|01|00|01|10|01|11|11|00| 0.0

00|10|01|00|00|11|01|11|01|01|01|10|00|10|01|11| 0.0

11|11|00|11|01|10|01|11|01|01|01|10|00|11|00|00| 0.0

10|10|10|10|01|11|00|01|10|00|01|10|01|11|11|11| 0.0

Generation --> 487

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|11|11|10|00|11|01|10|01|11|01|10|01|11|01|00| 8.0

10|01|00|10|00|11|01|10|00|01|01|10|10|11|01|00| 3.0

10|10|10|10|10|11|01|10|01|11|11|10|01|11|01|10| 1.0

00|00|00|10|00|11|00|00|01|11|00|10|01|11|01|11| 1.0

10|10|10|10|00|00|01|10|01|01|00|10|01|11|01|11| 1.0

01|10|01|00|00|11|01|11|01|01|01|10|01|11|01|00| 1.0

11|11|00|11|11|11|01|01|01|11|01|10|01|11|01|11| 1.0

01|10|00|10|00|11|11|11|01|00|01|00|01|01|01|00| 0.0

10|10|10|10|01|10|00|01|10|01|01|10|01|11|00|10| 0.0

Generation --> 488

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|11|00|10|00|11|01|10|01|11|01|10|01|11|01|00| 8.0

10|00|00|10|00|10|01|10|01|01|01|10|01|11|01|00| 3.0

11|11|11|10|00|11|01|10|01|01|01|10|10|11|01|00| 3.0

01|10|00|10|00|11|11|11|01|10|11|00|01|11|01|00| 1.0

00|00|00|10|00|11|00|00|01|11|00|10|01|11|01|00| 1.0

10|10|10|10|00|00|00|10|01|01|00|10|01|11|01|00| 1.0

01|10|01|00|00|11|01|11|01|01|01|10|00|11|01|00| 1.0

10|10|10|10|00|11|01|10|00|11|01|10|01|01|01|10| 0.0

10|10|10|10|00|10|00|01|10|01|01|10|01|11|00|00| 0.0

Generation --> 489

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|11|00|10|00|11|01|10|01|11|01|10|01|11|01|00| 8.0

10|10|10|10|00|10|00|00|01|11|01|10|01|11|01|00| 2.0

11|11|11|10|00|11|01|10|01|01|01|10|01|01|01|00| 0.0

10|00|00|10|00|10|01|10|01|01|01|10|01|00|01|00| 0.0

01|10|01|00|00|11|11|10|01|01|01|11|01|01|01|00| 0.0

00|00|00|10|00|11|00|00|01|11|00|10|01|01|01|00| 0.0

10|10|10|11|00|00|00|10|01|01|01|10|01|11|11|00| 0.0

01|10|01|00|00|11|01|11|01|00|01|10|10|11|11|00| 0.0

10|10|10|10|00|11|01|10|00|11|01|10|01|01|01|00| 0.0

Generation --> 490

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|00|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|00|00|10|00|11|00|00|01|11|01|10|01|11|01|00| 2.0

01|10|01|10|00|10|01|10|01|11|00|10|01|11|01|00| 1.0

11|10|10|00|00|11|01|10|01|01|01|11|01|11|01|00| 1.0

01|10|01|00|00|11|11|10|01|01|01|10|01|11|01|00| 1.0

10|10|10|01|10|00|00|10|01|01|01|10|01|11|01|00| 1.0

01|11|01|10|00|11|01|10|01|11|01|10|01|11|00|00| 0.0

11|00|01|00|00|11|11|10|01|01|01|11|01|00|01|00| 0.0

11|11|11|10|00|01|11|10|01|01|01|11|01|01|01|00| 0.0

Generation --> 491

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|11|01|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|00|00|10|00|11|01|10|10|01|01|10|11|11|01|00| 3.0

01|10|00|10|00|11|00|00|01|11|01|10|01|11|01|00| 2.0

01|11|11|10|00|01|10|10|01|01|01|11|01|11|01|01| 2.0

00|10|00|10|00|11|00|00|01|01|11|10|01|11|01|00| 1.0

01|10|01|10|00|10|01|10|01|11|00|10|01|11|01|01| 1.0

11|10|10|00|00|11|01|10|00|01|01|11|01|11|01|10| 1.0

10|10|10|01|10|00|01|00|01|01|01|10|01|11|01|00| 1.0

11|00|01|01|00|11|00|10|00|01|01|10|00|11|01|00| 1.0

Generation --> 492

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|00|00|10|00|11|01|00|11|11|01|00|11|11|01|00| 3.0

00|00|00|10|00|11|00|00|01|11|01|10|01|11|01|00| 2.0

01|10|00|10|00|11|00|00|01|11|01|10|01|11|01|00| 2.0

01|10|01|10|00|11|01|10|01|01|10|10|00|11|01|00| 1.0

00|10|00|10|00|11|00|00|01|01|11|10|01|11|01|00| 1.0

11|10|10|00|00|11|01|10|00|01|01|11|01|11|01|10| 1.0

10|00|10|01|00|11|00|00|01|11|01|10|11|11|01|00| 1.0

01|11|01|10|00|01|01|10|00|01|01|10|01|11|00|01| 0.0

11|00|01|01|00|11|01|10|01|01|01|10|01|01|01|00| 0.0

Generation --> 493

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|00|10|00|11|01|00|01|01|01|00|01|11|01|00| 8.0

10|00|00|10|00|01|00|00|01|10|01|10|01|11|01|00| 2.0

00|10|00|10|00|11|00|00|01|01|01|10|01|11|01|00| 2.0

01|11|01|10|00|01|01|00|11|11|11|00|11|11|01|00| 1.0

01|10|00|10|00|11|00|00|01|01|11|10|01|11|01|00| 1.0

01|10|01|10|00|11|01|10|00|01|10|10|01|11|01|00| 1.0

11|10|10|00|00|11|01|10|01|01|01|10|01|11|01|00| 1.0

10|00|10|01|00|11|00|00|01|11|01|10|11|11|01|00| 1.0

11|00|01|01|00|01|01|10|01|01|01|00|01|11|01|00| 1.0

Generation --> 494

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|11|01|10|00|01|01|00|01|01|01|00|01|11|01|00| 3.0

01|10|00|10|00|01|00|00|01|11|01|10|01|11|01|00| 2.0

10|00|01|01|00|01|01|10|01|01|01|00|01|11|01|00| 1.0

01|10|01|10|00|11|01|10|00|01|10|10|01|11|01|00| 1.0

10|00|10|01|00|11|00|00|01|11|01|00|01|11|01|10| 1.0

11|00|01|01|10|01|01|00|01|01|01|00|01|11|01|00| 1.0

10|10|00|10|00|11|00|00|01|01|01|00|01|11|00|00| 0.0

00|10|00|10|00|11|00|00|11|01|01|10|01|10|01|00| 0.0

11|11|10|00|00|10|00|10|01|01|01|10|01|11|11|00| 0.0

Generation --> 495

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|00|10|00|11|01|10|00|01|01|11|01|11|01|00| 8.0

00|10|00|10|00|11|01|10|01|11|01|10|01|11|01|00| 8.0

00|11|01|10|00|01|01|00|01|01|01|00|01|11|01|00| 3.0

10|10|00|10|00|11|00|00|01|11|01|10|01|11|01|00| 2.0

10|00|01|01|00|01|01|10|01|01|01|00|01|11|01|00| 1.0

00|10|10|01|00|11|00|00|01|11|01|00|01|11|01|01| 1.0

11|00|01|01|10|01|01|00|11|01|01|00|01|11|01|10| 1.0

11|11|00|00|00|10|00|10|01|01|01|10|01|11|01|00| 1.0

01|11|01|10|00|01|01|00|01|01|01|00|01|11|00|10| 0.0

Generation --> 496

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|00|10|00|11|01|10|01|11|01|10|01|11|01|00| 8.0

00|11|00|10|00|10|01|11|01|11|01|10|01|11|01|00| 3.0

11|01|00|10|10|01|01|00|00|01|01|00|01|11|01|00| 3.0

11|10|00|10|00|11|11|10|00|01|01|01|01|11|01|00| 2.0

10|00|01|00|00|11|01|10|00|01|01|11|11|11|01|00| 1.0

00|10|10|01|00|11|00|00|01|11|01|00|01|11|01|01| 1.0

11|00|01|01|10|01|01|00|10|01|01|00|01|11|01|10| 1.0

01|11|01|10|00|01|01|00|01|01|01|00|01|11|11|00| 0.0

10|10|00|10|00|11|01|00|01|01|01|00|01|00|01|00| 0.0

Generation --> 497

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|00|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|00|10|00|11|01|10|01|01|01|10|01|11|01|10| 8.0

10|10|00|10|00|11|01|00|01|01|01|00|01|11|01|00| 8.0

11|10|00|10|00|11|11|10|00|01|01|01|01|11|01|00| 2.0

11|10|00|10|00|11|10|10|00|01|01|10|01|11|01|00| 2.0

10|01|00|11|10|01|01|01|00|01|01|10|01|11|01|00| 1.0

01|11|00|10|00|10|01|11|01|01|11|10|01|11|01|00| 1.0

11|00|01|01|10|01|01|00|10|01|01|01|01|11|01|00| 1.0

00|11|00|10|10|10|01|11|01|11|01|10|01|01|01|00| 0.0

Generation --> 498

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|00|10|00|11|01|10|00|01|01|10|01|11|01|10| 8.0

00|11|00|10|10|10|01|11|01|01|01|00|11|11|01|00| 3.0

10|00|00|10|00|11|01|10|01|01|11|10|01|11|01|00| 1.0

01|11|00|10|00|11|01|10|01|01|00|10|11|11|01|10| 1.0

11|10|00|10|00|11|10|11|01|01|11|10|01|11|01|00| 1.0

11|10|00|10|00|11|10|10|00|01|11|10|01|11|01|00| 1.0

10|01|00|11|10|01|01|01|00|01|01|10|01|11|01|00| 1.0

11|00|01|01|10|01|01|00|10|11|01|01|01|11|01|10| 1.0

10|11|00|10|00|11|01|00|01|01|11|01|01|11|11|00| 0.0

Generation --> 499

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|00|10|10|10|01|11|01|01|01|10|11|11|01|10| 3.0

11|10|10|10|00|11|10|10|01|01|01|10|01|10|01|10| 2.0

11|10|00|10|00|11|10|10|00|01|01|10|01|11|01|10| 2.0

10|00|01|10|00|11|00|10|01|01|11|10|11|11|01|00| 1.0

01|11|00|10|00|11|01|10|01|01|00|10|11|11|01|10| 1.0

11|10|01|01|10|01|01|00|10|11|01|01|01|11|01|00| 1.0

10|11|00|10|01|11|10|10|00|01|11|10|01|11|01|00| 1.0

10|01|00|11|10|01|01|11|01|01|01|00|01|11|11|00| 0.0

Generation --> 500

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|11|00|10|00|11|01|10|01|01|01|00|01|11|01|00| 8.0

10|11|00|10|00|11|01|10|01|01|01|00|01|11|01|00| 8.0

11|10|10|10|00|11|10|10|01|01|01|10|01|11|01|00| 2.0

11|10|00|10|10|11|11|10|00|01|01|10|01|11|01|10| 2.0

10|00|01|10|00|11|00|10|01|01|11|10|11|11|01|00| 1.0

01|11|00|10|10|11|01|10|01|01|00|10|11|11|01|10| 1.0

11|10|01|01|10|01|01|10|01|01|01|10|01|11|01|00| 1.0

10|00|01|11|10|01|01|11|00|01|01|10|01|11|01|01| 1.0

00|10|00|10|00|11|10|10|00|01|01|10|01|11|11|10| 0.0

Generation --> 501

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|11|10|10|00|11|01|10|01|00|01|00|01|11|01|00| 8.0

11|10|10|10|00|11|01|10|01|01|01|00|01|11|01|00| 8.0

10|11|00|10|00|11|00|10|01|01|01|01|01|11|01|00| 2.0

10|11|00|10|00|11|00|10|01|01|01|00|01|11|01|00| 2.0

11|10|00|10|10|11|11|10|00|01|01|10|01|11|01|00| 2.0

10|10|00|10|00|01|01|10|01|01|00|10|01|11|01|10| 1.0

01|11|00|10|10|01|01|10|01|01|11|00|01|11|01|00| 1.0

10|00|01|11|10|01|01|11|10|01|11|10|01|11|01|01| 1.0

00|10|00|10|00|11|01|10|01|01|01|10|01|01|01|00| 0.0

Generation --> 502

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|00|10|00|11|11|10|01|01|01|10|01|11|01|00| 2.0

01|10|00|10|10|01|11|10|00|01|01|10|01|11|01|00| 2.0

10|11|00|10|00|11|00|10|01|01|01|01|01|11|01|00| 2.0

10|11|00|10|00|11|00|10|01|01|01|00|01|11|01|00| 2.0

11|10|01|10|00|11|11|10|00|01|01|10|01|11|01|00| 2.0

11|10|10|10|00|11|01|10|01|01|11|00|01|11|01|00| 1.0

10|10|00|11|00|01|01|10|01|00|11|00|01|11|01|00| 1.0

01|11|00|00|10|11|01|10|01|01|11|00|01|11|00|00| 0.0

10|00|01|11|10|01|00|11|10|01|11|10|01|10|01|00| 0.0

Generation --> 503

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|01|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|10|10|00|11|01|10|00|01|01|10|01|11|01|00| 8.0

00|10|00|10|00|11|11|10|01|01|01|10|01|11|01|00| 2.0

10|11|00|10|00|11|00|01|01|11|01|01|01|11|01|00| 2.0

10|11|00|10|00|10|00|10|01|01|01|00|01|11|01|00| 2.0

11|01|01|10|00|11|11|10|00|01|01|00|01|11|01|00| 2.0

01|11|10|00|10|11|01|00|01|01|11|00|01|11|01|00| 1.0

10|00|01|11|10|01|00|10|01|01|01|10|01|11|01|00| 1.0

10|10|00|11|00|01|11|10|01|01|01|10|01|11|00|00| 0.0

Generation --> 504

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|01|01|10|00|11|01|10|01|01|01|10|01|10|01|00| 8.0

10|10|01|10|00|11|01|10|01|01|01|10|11|11|01|00| 3.0

01|11|10|10|00|11|00|10|01|11|01|10|01|11|01|00| 2.0

00|10|00|10|00|11|11|10|01|01|01|10|01|11|01|00| 2.0

11|10|10|11|00|11|01|10|00|01|01|10|01|10|01|00| 1.0

11|10|00|10|00|10|00|10|01|01|00|00|01|11|01|00| 1.0

10|10|00|11|01|01|11|10|01|11|01|00|01|11|01|00| 1.0

10|11|00|10|00|10|00|10|01|01|11|00|01|10|01|00| 0.0

10|00|11|11|10|01|00|10|11|01|01|10|01|01|01|00| 0.0

Generation --> 505

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|01|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|01|10|10|00|01|00|10|01|10|01|10|01|11|01|10| 2.0

00|10|00|10|00|11|11|10|01|01|01|10|01|11|01|00| 2.0

10|11|10|10|00|01|00|10|01|11|01|10|01|10|01|00| 2.0

11|10|00|10|00|10|00|10|11|01|00|00|01|11|01|00| 1.0

10|01|00|10|00|11|10|10|01|01|11|10|01|11|01|00| 1.0

10|00|11|11|10|01|00|10|11|01|01|10|01|11|01|10| 1.0

10|10|01|10|00|10|01|10|01|01|01|11|11|10|01|00| 0.0

11|10|10|10|00|11|01|10|01|00|01|10|11|11|00|00| 0.0

Generation --> 506

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|01|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|00|10|00|11|01|10|01|01|01|00|01|11|01|01| 8.0

01|00|10|10|00|01|01|10|01|11|01|10|01|11|01|00| 3.0

11|10|10|10|00|11|01|10|00|00|01|10|11|11|01|00| 3.0

11|01|00|10|00|01|10|10|01|11|01|10|01|10|01|00| 2.0

10|00|11|10|00|01|00|10|01|11|01|10|01|11|01|10| 2.0

11|10|00|10|00|01|00|10|01|11|01|10|01|10|11|00| 0.0

10|01|00|10|00|11|10|10|01|01|01|10|01|11|00|00| 0.0

10|11|10|10|00|10|01|00|01|01|01|11|11|10|01|01| 0.0

Generation --> 507

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|01|00|10|00|11|01|10|01|11|01|10|01|11|01|00| 8.0

11|10|00|10|01|11|01|10|01|01|01|10|01|10|01|00| 8.0

10|00|11|10|00|11|01|10|01|01|01|00|01|11|01|01| 8.0

01|00|10|10|00|01|01|10|01|10|01|10|01|11|01|00| 3.0

01|10|10|10|00|11|01|10|00|00|01|00|11|11|01|01| 3.0

01|01|00|10|00|01|10|10|01|11|01|10|01|11|01|00| 2.0

10|11|00|10|00|11|11|10|01|01|01|00|11|11|01|00| 2.0

11|10|00|10|00|01|00|10|01|11|01|10|01|01|01|01| 0.0

10|11|10|10|00|10|01|00|01|01|00|11|10|10|00|01| 0.0

Generation --> 508

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|01|00|10|00|11|01|10|01|11|01|10|01|11|01|01| 8.0

01|00|01|10|00|11|01|10|01|01|01|00|01|11|01|01| 8.0

10|10|00|10|01|11|01|10|01|01|01|10|01|10|01|00| 8.0

11|10|00|10|01|11|01|10|01|01|01|10|11|11|01|00| 3.0

11|10|00|10|00|01|00|10|00|11|01|10|01|11|01|01| 2.0

10|00|11|10|00|11|01|10|00|01|00|00|01|11|01|01| 1.0

11|00|10|10|00|11|01|10|01|01|01|00|01|10|11|01| 0.0

01|01|10|10|00|01|10|10|01|01|01|10|01|11|00|00| 0.0

10|11|10|10|00|10|01|00|01|11|00|11|00|10|00|01| 0.0

Generation --> 509

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|01|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|00|10|00|11|01|10|01|01|01|00|01|11|01|01| 8.0

00|00|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|00|10|10|01|11|01|10|01|01|01|10|01|10|01|00| 8.0

01|01|00|10|00|10|01|10|01|11|01|11|01|11|01|01| 3.0

11|10|00|10|01|10|01|10|01|01|01|00|01|11|01|00| 3.0

10|11|11|10|00|10|01|00|01|11|01|10|01|11|01|01| 3.0

01|00|01|10|00|11|01|10|01|01|01|10|11|01|01|01| 0.0

01|01|00|10|01|11|01|10|01|01|01|10|01|10|00|10| 0.0

Generation --> 510

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|01|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|00|10|10|01|11|01|10|01|01|01|10|01|10|01|00| 8.0

01|01|00|10|00|10|01|10|01|11|01|10|01|11|01|00| 3.0

11|10|00|10|01|10|01|10|01|01|01|00|01|11|01|00| 3.0

01|10|00|10|00|11|00|10|01|01|01|01|01|11|01|01| 2.0

10|00|00|10|00|01|01|10|01|01|00|10|01|11|01|00| 1.0

10|11|11|10|10|10|01|00|01|01|11|10|01|11|01|00| 1.0

01|01|00|10|01|11|01|10|01|01|01|00|11|11|00|00| 0.0

01|00|01|10|10|01|01|10|01|01|01|10|11|01|01|01| 0.0

Generation --> 511

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|01|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|00|10|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|01|00|10|00|10|01|10|01|11|01|10|01|11|01|00| 3.0

01|10|00|10|00|10|01|10|01|11|01|10|01|11|01|00| 3.0

11|00|10|10|01|11|00|10|01|01|01|10|01|10|01|00| 2.0

01|01|00|00|00|11|01|10|01|00|01|00|11|11|01|00| 1.0

10|00|00|10|00|01|01|10|01|01|00|10|01|11|01|00| 1.0

10|11|11|10|10|10|01|00|01|00|01|10|01|11|11|00| 0.0

01|00|01|10|10|00|01|10|01|01|01|10|11|01|01|00| 0.0

Generation --> 512

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|01|10|10|01|01|10|01|01|01|10|01|11|01|00| 3.0

00|10|00|10|01|11|11|10|01|01|01|10|11|11|01|00| 2.0

11|00|10|10|01|11|00|10|01|01|01|10|01|10|01|00| 2.0

11|00|10|10|00|11|01|10|01|01|11|10|11|11|01|01| 1.0

01|01|00|11|00|11|01|10|01|01|01|11|01|11|01|00| 1.0

01|00|00|11|00|10|01|10|01|11|01|10|01|11|01|00| 1.0

10|10|00|10|00|11|01|10|00|01|01|00|01|11|00|00| 0.0

10|11|11|10|10|10|01|00|01|00|01|10|11|11|00|00| 0.0

10|00|00|10|00|01|11|10|01|01|00|10|01|01|01|00| 0.0

Generation --> 513

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|10|00|00|01|00|01|11|01|00| 8.0

01|01|01|10|10|01|01|10|01|01|01|10|00|11|01|00| 3.0

11|11|01|10|11|01|11|10|01|01|01|10|01|11|01|00| 2.0

01|10|00|10|01|01|11|10|01|01|01|10|11|11|01|00| 2.0

10|00|00|10|01|01|11|10|01|01|01|10|01|11|01|00| 2.0

11|00|10|11|00|11|01|10|01|11|01|10|01|11|01|00| 1.0

01|00|00|11|00|00|01|10|01|11|01|10|01|11|01|00| 1.0

01|10|00|10|10|01|01|10|01|01|01|10|01|11|00|00| 0.0

00|10|10|10|10|11|01|10|01|00|00|10|11|01|01|00| 0.0

Generation --> 514

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|00|10|00|11|01|10|00|00|01|00|01|11|01|00| 8.0

01|01|01|10|10|01|01|10|01|00|01|00|01|11|01|00| 3.0

11|11|01|10|11|01|11|10|01|01|01|10|11|11|01|00| 2.0

01|10|00|10|01|01|11|10|01|01|01|11|10|11|01|00| 2.0

10|10|00|00|00|11|01|10|00|00|01|00|01|11|01|00| 1.0

01|00|00|11|00|10|01|10|00|00|00|00|01|11|01|00| 1.0

10|00|00|10|00|11|01|10|00|00|01|00|01|10|01|00| 0.0

01|10|00|10|10|01|01|10|01|01|11|10|00|11|00|00| 0.0

11|00|10|11|00|11|01|00|01|01|01|10|01|11|00|00| 0.0

Generation --> 515

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|00|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|11|11|10|00|01|01|10|01|00|01|00|01|11|01|00| 3.0

01|00|01|10|10|01|01|00|01|00|01|00|01|11|01|10| 3.0

00|10|00|10|00|11|11|10|01|01|01|10|11|11|01|01| 2.0

11|00|01|10|11|01|11|10|01|01|01|10|11|11|01|01| 2.0

01|01|01|10|10|01|01|10|01|00|01|00|01|10|01|01| 0.0

11|11|01|11|11|01|11|10|01|01|01|10|11|01|01|00| 0.0

10|10|00|00|00|11|01|10|01|01|01|10|01|01|01|00| 0.0

01|10|00|10|10|01|01|10|01|01|11|10|01|01|01|00| 0.0

Generation --> 516

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|00|00|10|00|11|01|00|01|00|01|00|01|11|01|10| 8.0

11|00|01|10|10|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|11|11|10|00|11|01|00|01|00|01|00|01|11|01|10| 8.0

10|11|00|10|00|11|01|10|01|11|01|10|01|11|01|00| 8.0

00|01|01|10|10|00|01|10|01|10|01|10|01|11|01|00| 3.0

00|10|00|00|00|11|11|10|01|01|01|10|11|11|01|01| 1.0

11|11|00|11|11|01|01|10|01|00|01|00|00|11|01|00| 1.0

11|00|01|10|10|01|01|10|01|01|11|10|01|01|01|00| 0.0

01|00|00|10|10|01|01|10|11|01|11|10|01|01|01|00| 0.0

Generation --> 517

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|00|01|10|10|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|11|00|10|00|11|01|11|11|11|01|10|11|11|01|00| 3.0

00|01|01|10|10|00|01|10|01|10|01|10|01|11|01|00| 3.0

11|11|11|10|00|11|11|00|01|00|01|00|00|11|01|10| 2.0

10|11|00|00|00|11|11|10|01|01|01|10|11|11|01|00| 1.0

11|11|00|11|11|00|01|10|01|00|01|00|01|11|01|10| 1.0

01|00|11|10|10|01|01|11|01|01|01|10|01|10|01|00| 0.0

01|00|00|10|10|01|01|10|01|00|01|00|01|11|00|10| 0.0

11|00|01|10|10|01|01|10|11|00|11|10|01|01|01|00| 0.0

Generation --> 518

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|01|10|10|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|11|00|10|00|11|01|10|01|01|01|11|01|11|01|00| 8.0

10|11|00|10|00|10|11|11|10|11|01|10|01|11|01|00| 2.0

00|01|01|10|10|00|11|10|01|10|01|10|01|11|01|00| 2.0

01|00|11|11|10|01|01|11|01|01|01|10|01|11|01|10| 1.0

10|11|00|00|00|11|01|10|11|01|01|10|11|11|01|00| 1.0

11|11|00|11|11|00|01|10|11|00|01|00|01|11|01|00| 1.0

00|00|00|11|11|00|01|10|01|00|01|00|01|11|01|00| 1.0

11|00|01|10|10|01|01|10|11|10|11|10|01|11|01|00| 1.0

Generation --> 519

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|01|00|10|11|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|11|00|10|00|01|01|10|01|01|01|11|01|11|01|00| 3.0

10|11|00|10|00|10|11|11|10|11|01|10|01|11|01|00| 2.0

00|01|01|10|10|00|11|10|01|01|01|10|11|11|01|00| 2.0

11|00|01|10|10|11|01|10|11|10|11|10|01|11|01|00| 1.0

11|00|01|00|10|11|01|10|01|01|01|10|01|11|00|00| 0.0

01|10|11|11|10|01|01|11|01|01|01|10|01|10|01|01| 0.0

10|11|00|00|00|11|01|10|11|01|01|10|11|11|11|00| 0.0

11|11|00|11|10|00|01|10|11|10|01|00|00|01|01|00| 0.0

Generation --> 520

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|01|00|10|11|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|11|01|01|01|10|01|11|01|10| 8.0

01|11|00|10|00|01|01|10|01|01|01|10|11|11|01|00| 3.0

00|11|00|10|00|10|11|11|10|01|01|10|01|11|01|00| 2.0

00|01|01|10|10|00|11|10|01|01|01|00|11|11|01|00| 2.0

11|00|01|10|11|11|01|10|11|10|11|10|00|11|01|00| 1.0

11|11|00|11|10|10|01|10|01|01|11|10|11|01|01|00| 0.0

11|00|01|00|10|11|01|10|01|10|01|00|00|01|01|00| 0.0

Generation --> 521

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|01|00|10|11|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|00|10|11|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|00|01|10|11|11|01|11|01|01|01|10|01|11|01|11| 8.0

10|10|00|10|00|11|01|11|01|01|01|10|00|11|01|00| 3.0

01|10|00|10|00|01|01|10|01|01|01|10|11|11|01|00| 3.0

00|01|01|10|10|10|01|10|01|01|01|10|01|11|01|00| 3.0

00|11|00|10|01|10|10|11|11|01|01|10|01|11|01|00| 2.0

11|11|00|11|10|10|01|10|00|01|11|10|01|11|01|00| 1.0

11|00|01|00|10|11|01|10|00|10|01|00|00|11|01|00| 1.0

Generation --> 522

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|00|10|11|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|01|01|10|11|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|01|00|10|01|10|01|10|01|01|01|10|01|11|01|00| 3.0

00|11|00|10|01|01|01|11|01|01|01|10|01|11|01|11| 3.0

10|10|00|10|00|11|01|11|01|01|01|10|00|11|01|00| 3.0

00|10|00|10|00|01|01|10|01|01|01|10|10|11|01|00| 3.0

00|01|01|10|00|10|01|11|01|01|01|10|01|11|01|10| 3.0

11|11|01|11|10|10|01|10|00|01|11|10|01|11|01|01| 1.0

11|00|01|00|10|11|01|10|00|01|01|10|01|11|01|00| 1.0

Generation --> 523

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|11|11|10|11|11|01|10|01|01|01|00|01|11|01|00| 8.0

00|01|00|10|11|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|01|00|10|11|01|01|11|01|01|01|10|01|11|01|11| 3.0

01|11|00|10|01|01|01|11|01|00|01|10|01|11|01|00| 3.0

00|11|00|10|11|11|11|10|01|01|01|10|01|11|01|00| 2.0

10|10|00|11|10|11|01|11|01|01|01|10|01|11|01|00| 1.0

00|10|00|11|00|01|01|11|01|01|01|10|01|11|01|00| 1.0

11|11|01|11|11|10|01|10|00|01|11|10|01|10|01|00| 1.0

11|00|01|00|10|01|01|10|00|01|01|10|01|11|01|00| 1.0

Generation --> 524

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|11|11|10|11|11|01|10|00|01|01|00|01|11|01|00| 8.0

01|11|00|10|11|11|01|10|01|01|01|10|01|11|01|01| 8.0

01|01|00|10|11|01|01|11|01|01|01|10|01|11|01|11| 3.0

01|11|00|10|01|01|01|11|01|00|01|10|01|11|01|00| 3.0

10|11|10|10|11|11|11|10|00|01|01|10|01|11|01|00| 2.0

10|01|00|11|11|01|01|11|11|01|11|10|11|11|01|00| 1.0

10|10|00|11|10|11|01|11|00|01|01|10|01|11|01|11| 1.0

11|00|01|00|10|01|11|10|00|01|01|10|01|11|01|00| 1.0

00|01|01|10|11|11|01|10|10|00|11|11|01|10|01|00| 0.0

Generation --> 525

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|11|11|01|10|00|01|01|00|01|11|01|00| 8.0

00|11|10|10|11|11|00|10|00|01|01|01|01|11|01|00| 2.0

11|00|01|10|11|11|11|10|01|11|01|10|01|11|01|00| 2.0

10|11|10|10|11|01|11|10|00|01|01|10|01|11|01|00| 2.0

00|11|11|10|11|11|01|10|00|01|00|00|01|11|01|01| 1.0

10|01|00|11|11|01|01|11|11|01|01|10|01|11|01|11| 1.0

01|11|00|10|01|11|01|10|01|01|01|10|01|11|11|00| 0.0

01|01|00|10|11|11|11|10|00|01|01|10|01|11|11|01| 0.0

00|01|01|10|11|11|01|10|10|00|11|11|01|10|01|00| 0.0

Generation --> 526

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|10|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|00|00|10|11|11|01|10|01|01|01|00|01|11|01|00| 8.0

01|11|00|10|01|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|01|01|10|11|11|00|10|00|01|01|01|01|11|01|00| 2.0

00|11|00|00|00|11|11|10|11|01|01|10|01|11|01|00| 1.0

00|11|10|10|11|11|00|10|00|01|11|01|01|11|01|00| 1.0

00|01|00|11|01|01|01|10|00|01|01|11|01|11|01|00| 1.0

11|01|00|11|11|01|01|11|01|11|01|11|01|11|01|00| 1.0

11|00|01|10|11|11|11|10|01|11|01|10|01|11|00|00| 0.0

Generation --> 527

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|10|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|00|00|10|11|11|01|10|01|01|01|01|01|11|01|00| 8.0

01|10|00|10|01|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|01|00|10|11|11|01|10|11|00|01|10|01|11|01|00| 8.0

00|11|10|10|10|11|00|10|00|01|01|00|01|11|01|00| 2.0

01|00|01|10|11|11|11|10|00|01|01|00|01|11|01|00| 2.0

00|11|00|00|00|10|11|10|01|01|11|10|01|11|00|00| 0.0

11|01|00|11|11|11|01|10|01|01|01|10|01|00|01|00| 0.0

Generation --> 528

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|00|00|10|11|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|00|10|10|11|01|10|01|01|01|11|01|11|01|00| 8.0

10|10|00|10|10|01|01|10|01|01|01|00|01|11|01|01| 3.0

00|11|10|10|11|10|00|10|11|00|01|00|01|11|01|00| 2.0

01|00|01|10|11|11|11|10|00|01|01|10|11|11|01|00| 2.0

00|01|01|11|11|11|01|10|11|00|11|10|01|11|01|00| 1.0

11|01|00|11|10|11|01|10|01|01|01|10|01|11|01|00| 1.0

Generation --> 529

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|11|11|01|10|01|01|01|10|01|10|01|00| 8.0

00|11|10|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|00|00|10|11|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|00|00|10|10|11|11|10|01|01|01|11|01|11|01|00| 2.0

01|00|01|10|11|11|11|10|01|11|01|10|01|11|01|01| 2.0

00|10|01|00|10|11|01|10|11|01|01|11|01|11|01|00| 1.0

11|01|00|11|10|11|01|10|01|01|01|10|01|11|01|00| 1.0

00|00|00|10|11|11|11|10|01|01|01|10|01|11|11|00| 0.0

01|00|01|11|00|11|01|10|01|00|01|10|01|11|11|00| 0.0

Generation --> 530

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|00|00|10|11|11|01|10|01|11|01|10|01|11|01|00| 8.0

11|10|00|00|11|11|01|10|01|01|01|10|11|10|01|00| 1.0

00|11|10|11|00|11|01|10|01|01|01|10|01|11|01|00| 1.0

10|01|00|00|00|11|01|00|11|01|01|10|01|11|01|00| 1.0

11|01|00|01|10|11|01|10|01|01|01|10|01|11|01|00| 1.0

01|00|01|11|00|11|01|11|01|01|11|11|00|11|01|00| 1.0

01|00|10|10|00|11|11|10|01|01|01|10|00|01|01|00| 0.0

00|00|00|10|11|11|11|10|01|00|01|10|01|11|00|10| 0.0

00|10|01|10|10|11|01|10|01|01|01|10|01|11|00|00| 0.0

Generation --> 531

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|10|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|00|00|10|00|00|01|10|01|01|01|10|11|10|01|00| 3.0

00|10|00|10|01|11|11|10|01|00|01|10|11|10|01|00| 2.0

00|11|00|00|11|11|01|10|01|01|01|10|11|11|01|00| 1.0

10|01|00|00|11|11|01|10|01|01|01|10|11|10|01|00| 1.0

11|01|00|01|10|11|01|10|01|01|01|11|01|11|01|01| 1.0

01|00|01|11|00|11|01|11|01|01|01|10|01|11|01|00| 1.0

11|00|10|10|00|11|11|11|00|01|11|11|00|11|01|00| 1.0

11|10|00|00|11|11|01|11|01|01|01|00|01|10|01|00| 0.0

Generation --> 532

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|10|10|00|11|01|10|01|01|01|10|00|11|01|00| 3.0

00|01|01|10|00|11|00|10|01|01|01|10|01|11|01|00| 2.0

00|10|00|11|00|00|01|10|11|01|01|10|11|10|01|00| 1.0

00|11|00|00|11|11|01|10|00|11|01|10|11|11|01|00| 1.0

11|01|00|01|00|00|01|10|01|01|01|10|10|10|01|00| 1.0

01|00|11|11|00|11|01|10|01|01|01|11|01|11|01|01| 1.0

11|00|00|10|10|11|11|11|01|01|11|10|00|11|01|10| 1.0

00|10|10|10|00|11|01|10|01|01|00|10|11|10|00|00| 0.0

10|01|00|00|11|11|11|00|11|00|01|10|11|10|01|01| 0.0

Generation --> 533

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|01|00|10|11|11|01|00|00|01|01|10|10|11|01|00| 3.0

00|10|00|11|00|00|01|10|11|01|01|11|11|11|01|00| 1.0

01|00|11|11|00|11|01|10|01|01|01|10|01|11|01|00| 1.0

11|00|00|10|10|01|11|11|01|01|11|10|00|11|01|00| 1.0

10|01|00|00|11|11|11|10|11|00|01|10|10|10|01|00| 1.0

00|10|10|10|01|11|01|10|01|01|00|10|01|01|00|00| 0.0

00|11|10|10|00|01|01|10|01|01|01|10|00|11|00|00| 0.0

00|11|01|00|11|11|01|10|00|11|01|10|11|11|00|00| 0.0

00|10|10|10|00|11|01|10|01|01|00|00|11|10|00|00| 0.0

Generation --> 534

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|10|10|00|11|01|00|01|01|01|11|01|11|01|11| 8.0

00|01|00|10|11|11|01|00|10|01|01|10|10|11|01|00| 3.0

00|10|00|11|00|00|01|11|01|01|11|10|00|11|01|00| 1.0

01|00|11|11|00|11|01|10|01|01|01|10|01|11|01|00| 1.0

11|00|00|10|00|01|10|11|01|01|11|10|00|11|01|00| 1.0

11|01|00|00|11|11|11|10|01|00|01|10|01|11|01|00| 1.0

00|10|10|10|11|11|01|10|01|01|00|10|01|11|01|00| 1.0

00|11|01|00|11|11|01|10|00|11|01|10|01|11|01|10| 1.0

00|11|10|10|00|01|01|00|00|01|01|10|10|11|11|00| 0.0

Generation --> 535

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|10|10|00|11|01|00|01|01|01|11|01|11|01|11| 8.0

00|01|00|10|11|11|01|10|01|00|01|10|01|11|01|00| 8.0

00|10|10|10|00|11|01|00|01|01|01|11|01|11|01|11| 8.0

01|01|00|10|11|11|01|00|10|01|01|10|10|11|01|00| 3.0

00|11|10|10|00|01|01|00|01|01|01|01|01|11|01|11| 3.0

00|10|00|11|00|00|01|11|01|01|11|10|00|11|01|00| 1.0

11|01|00|01|11|11|11|00|01|00|01|10|00|11|01|00| 1.0

00|10|11|10|11|11|01|10|01|01|00|10|01|10|01|00| 1.0

00|11|01|00|11|11|01|10|00|01|01|10|00|11|01|00| 1.0

Generation --> 536

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|10|10|00|11|01|00|01|01|01|11|01|11|01|00| 8.0

00|11|10|10|11|11|01|10|01|10|01|10|01|10|01|00| 8.0

00|10|10|10|00|11|01|10|01|01|01|10|01|10|01|00| 8.0

00|11|00|10|11|11|01|10|01|00|01|10|01|11|01|00| 8.0

00|10|11|10|11|11|00|00|01|01|01|11|01|11|01|11| 2.0

00|01|00|10|00|11|01|00|10|01|00|01|01|11|01|11| 1.0

00|11|11|00|11|11|01|10|00|00|01|10|00|11|01|01| 1.0

00|10|00|11|00|00|01|11|01|00|11|10|00|11|00|00| 0.0

11|01|00|01|11|11|11|00|01|00|00|10|00|11|11|00| 0.0

Generation --> 537

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|11|00|10|11|11|01|10|01|10|01|10|01|10|01|00| 8.0

00|10|00|10|11|11|01|10|01|00|01|10|01|11|01|00| 8.0

11|01|00|10|00|11|01|00|01|11|01|10|01|11|01|10| 8.0

00|10|10|10|00|10|01|00|01|01|01|11|01|11|01|11| 3.0

00|10|00|10|00|10|01|00|01|01|01|11|01|11|01|00| 3.0

00|10|10|10|00|11|00|10|01|01|01|10|01|10|01|00| 2.0

00|11|10|00|11|11|01|10|01|10|01|10|11|10|01|00| 1.0

00|11|11|00|11|11|11|10|00|00|01|10|00|11|01|00| 1.0

00|11|11|10|11|11|00|00|01|01|01|10|01|10|01|00| 0.0

Generation --> 538

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|10|10|00|11|01|00|01|11|01|10|01|11|01|00| 8.0

11|01|00|10|00|11|01|00|11|11|01|10|01|11|01|10| 8.0

00|10|10|10|01|11|01|00|01|01|00|01|01|11|01|10| 1.0

00|11|10|00|11|11|01|11|00|00|01|10|00|11|01|00| 1.0

00|11|01|10|11|11|01|11|01|10|01|10|01|10|01|00| 0.0

10|10|00|10|10|11|01|10|01|01|01|10|01|01|01|00| 0.0

00|10|10|10|00|11|00|10|01|01|01|10|01|10|11|00| 0.0

00|01|10|00|00|10|01|00|01|01|01|11|01|10|01|00| 0.0

00|11|11|10|11|11|00|00|01|01|01|10|01|10|01|10| 0.0

Generation --> 539

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|11|01|10|11|11|01|11|01|10|01|10|01|11|01|00| 8.0

00|10|00|10|00|11|01|00|11|01|01|10|01|11|01|10| 8.0

00|10|10|10|00|11|01|01|00|11|01|11|01|11|01|00| 8.0

10|10|10|10|00|11|01|00|01|11|01|01|01|11|01|00| 8.0

01|01|00|10|00|11|01|01|11|11|10|01|01|11|01|10| 1.0

00|10|10|10|01|11|11|00|00|01|00|01|01|11|01|10| 1.0

10|00|10|00|00|10|01|00|01|01|01|01|01|11|01|10| 1.0

10|11|10|00|11|11|01|11|00|00|00|10|00|11|11|00| 0.0

10|10|01|10|10|11|01|10|01|01|01|10|01|01|01|00| 0.0

Generation --> 540

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|01|10|11|11|01|11|00|11|01|11|01|11|01|00| 8.0

00|11|01|10|11|11|01|11|01|10|01|10|01|11|01|00| 8.0

00|10|00|10|00|11|01|01|00|11|01|01|01|11|01|00| 8.0

10|00|10|10|00|11|01|01|00|11|01|11|01|11|01|00| 8.0

10|10|01|10|00|11|01|01|00|11|01|11|01|11|01|00| 8.0

01|01|00|10|00|11|11|01|11|01|01|11|01|11|01|10| 2.0

00|00|00|10|01|11|11|00|00|01|00|01|01|11|01|10| 1.0

00|10|00|10|00|11|01|00|11|01|01|10|01|11|00|10| 0.0

10|01|10|00|11|11|01|01|01|11|01|01|01|11|00|00| 0.0

Generation --> 541

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|11|01|10|11|11|01|10|01|01|01|10|01|11|01|10| 8.0

10|00|10|10|00|11|01|01|00|11|01|11|01|11|01|00| 8.0

10|10|11|10|00|11|01|01|00|11|01|11|01|11|01|00| 8.0

00|10|10|10|00|11|01|00|00|11|01|01|01|11|01|00| 8.0

00|10|00|10|01|11|01|01|00|11|01|11|00|11|01|00| 3.0

00|11|01|10|00|11|11|00|11|11|01|11|01|11|01|00| 2.0

01|00|00|10|01|11|11|00|00|11|01|11|01|11|01|00| 2.0

10|01|10|00|11|11|01|01|01|11|01|01|01|11|01|00| 1.0

00|10|11|10|11|11|01|11|00|11|01|10|01|01|01|00| 0.0

Generation --> 542

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|11|01|10|10|11|01|00|00|01|01|01|01|11|01|00| 8.0

00|10|00|10|01|11|01|01|01|11|01|01|01|11|01|10| 8.0

00|10|10|10|00|11|01|00|00|11|01|11|00|11|01|00| 3.0

10|00|10|10|10|11|11|00|00|10|01|01|01|11|01|00| 2.0

10|10|11|10|00|11|01|01|00|11|01|11|01|10|01|00| 0.0

00|10|11|10|11|11|01|10|01|01|01|11|01|11|11|10| 0.0

00|11|01|10|00|11|11|10|11|11|11|01|01|11|11|00| 0.0

01|00|10|10|01|11|11|00|10|11|01|11|01|11|00|01| 0.0

10|01|10|00|11|11|01|01|01|11|01|01|01|10|01|00| 0.0

Generation --> 543

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|11|10|10|10|11|01|00|00|01|01|01|01|11|01|10| 8.0

01|10|00|10|01|11|01|01|01|11|01|01|01|11|01|10| 8.0

00|10|10|10|00|11|01|00|00|10|01|01|01|11|01|00| 8.0

01|00|10|10|10|11|01|00|00|11|01|11|00|11|01|00| 3.0

00|10|00|10|00|11|10|10|01|01|01|10|01|11|01|00| 2.0

10|10|10|10|10|10|11|00|00|10|01|01|01|11|01|00| 2.0

10|01|10|00|11|11|01|01|01|11|01|00|01|11|01|00| 1.0

10|10|10|10|10|11|01|11|01|11|01|01|01|10|01|00| 0.0

00|11|01|10|01|10|11|11|11|11|11|01|01|11|11|11| 0.0

Generation --> 544

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|10|10|10|11|01|00|00|01|01|01|01|11|01|00| 8.0

01|10|00|10|00|11|01|01|01|10|01|01|11|11|01|10| 3.0

00|10|10|10|01|01|01|00|00|10|01|01|01|11|01|00| 3.0

01|00|10|10|00|11|01|00|00|11|01|11|00|11|01|00| 3.0

10|10|10|10|10|11|11|11|01|11|01|11|01|11|01|00| 2.0

10|01|10|00|11|11|01|00|00|11|01|11|00|11|01|10| 1.0

00|11|10|10|10|11|11|01|00|01|01|01|01|01|01|10| 0.0

10|00|10|10|10|10|01|01|01|11|01|01|00|11|00|10| 0.0

00|11|01|10|01|10|11|11|11|11|11|01|01|11|11|10| 0.0

Generation --> 545

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|00|10|00|11|01|00|00|01|01|01|01|11|01|00| 8.0

00|10|10|10|01|01|01|00|00|10|01|11|01|11|01|00| 3.0

01|00|10|10|00|11|00|00|00|11|01|10|01|11|01|01| 2.0

10|10|10|10|10|11|11|01|01|11|01|11|01|11|01|00| 2.0

00|10|10|10|11|11|01|00|01|01|00|01|00|11|01|00| 1.0

10|01|10|01|11|11|01|00|00|11|01|11|01|11|01|00| 1.0

00|11|01|10|01|10|11|11|11|11|11|01|01|11|01|01| 1.0

10|00|10|10|10|10|01|01|01|11|11|01|00|11|00|00| 0.0

Generation --> 546

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|00|10|00|11|01|00|00|01|01|01|01|11|01|00| 8.0

00|10|11|10|11|11|01|01|00|01|01|01|00|11|01|00| 3.0

00|00|10|10|01|01|01|00|00|10|01|11|01|11|01|00| 3.0

01|00|01|10|01|11|00|10|01|01|01|10|01|11|01|00| 2.0

10|10|11|10|10|11|11|01|01|11|01|11|01|11|01|00| 2.0

10|11|01|10|01|10|11|11|11|01|11|01|01|11|01|00| 1.0

10|01|10|01|11|11|01|00|00|11|01|10|01|11|01|00| 1.0

10|00|10|10|10|10|01|01|01|11|11|01|00|11|01|00| 1.0

11|11|00|10|00|11|01|10|01|01|01|10|01|01|01|00| 0.0

Generation --> 547

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|00|10|00|11|01|00|10|01|01|01|01|11|01|00| 8.0

11|11|00|10|10|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|00|00|10|00|10|01|01|00|01|01|01|01|11|01|00| 3.0

00|10|11|10|11|11|01|01|00|01|01|01|00|11|01|00| 3.0

00|10|10|10|01|00|01|00|00|10|01|01|11|11|01|00| 3.0

01|10|10|10|01|01|01|00|00|10|01|11|01|11|01|00| 3.0

10|10|10|10|10|10|01|01|01|01|01|10|01|11|01|00| 3.0

00|10|11|10|10|11|11|11|01|11|01|01|01|11|01|00| 2.0

10|11|01|10|01|11|11|11|11|01|11|01|01|11|11|00| 0.0

Generation --> 548

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|11|00|10|10|11|01|11|00|11|01|01|01|11|01|00| 8.0

00|10|11|10|01|11|01|00|01|01|01|10|01|11|01|00| 8.0

00|10|00|10|01|00|01|00|00|00|01|10|01|11|01|00| 3.0

01|10|10|10|01|01|01|00|00|10|01|10|01|11|01|00| 3.0

10|10|10|10|10|10|01|01|01|01|01|10|01|11|01|00| 3.0

00|10|11|10|10|11|11|11|01|11|01|01|00|11|01|00| 2.0

01|00|00|10|00|11|01|00|10|01|00|01|01|11|01|00| 1.0

10|00|00|10|00|00|01|01|00|01|11|01|01|11|01|00| 1.0

10|11|01|00|01|11|11|11|10|01|01|01|00|11|01|00| 1.0

Generation --> 549

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|11|00|10|10|11|01|11|00|01|01|10|01|11|01|00| 8.0

00|10|11|10|01|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|00|00|10|00|11|01|10|01|11|01|10|01|11|01|00| 8.0

00|10|10|10|01|00|01|00|00|10|01|11|01|11|01|00| 3.0

01|10|10|10|11|01|01|00|00|10|01|10|01|11|01|00| 3.0

01|00|00|10|00|11|00|00|10|01|00|00|01|11|01|00| 1.0

10|11|11|00|01|11|11|11|10|01|01|00|01|11|01|00| 1.0

10|10|10|10|10|10|01|01|01|01|01|10|01|10|01|00| 0.0

00|10|11|10|00|11|11|10|01|01|01|11|01|01|01|00| 0.0

Generation --> 550

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|11|00|10|10|11|01|11|00|01|01|10|01|11|01|01| 8.0

01|10|11|10|01|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|00|00|10|00|11|01|11|01|11|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|10|10|11|01|01|00|01|11|01|10|01|11|01|01| 3.0

00|10|10|10|01|00|11|00|01|11|01|10|01|11|01|00| 2.0

10|10|00|10|00|11|01|10|01|00|11|10|01|11|01|00| 1.0

10|11|11|00|10|11|01|01|00|01|01|10|01|11|01|00| 1.0

10|10|10|10|10|10|01|10|01|11|01|10|01|11|00|00| 0.0

Generation --> 551

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|11|00|10|10|11|01|11|00|01|01|10|01|11|01|00| 8.0

10|00|01|10|00|11|01|11|01|11|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|01| 8.0

10|10|10|10|10|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|11|00|01|11|01|10|01|11|01|10|01|11|01|10| 1.0

10|10|10|11|10|11|01|11|00|01|01|10|01|11|01|01| 1.0

11|11|00|10|11|11|01|11|00|01|01|10|01|11|11|01| 0.0

01|00|00|10|00|11|01|11|01|11|01|10|01|01|01|00| 0.0

10|10|00|10|00|11|11|11|01|01|01|10|01|11|00|01| 0.0

Generation --> 552

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|01|10|00|11|01|11|01|11|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|11|11|01|01|01|10|01|11|01|00| 2.0

11|10|00|10|00|11|01|10|01|01|00|10|01|11|01|01| 1.0

11|11|00|10|10|10|11|11|00|01|01|10|01|11|11|00| 0.0

10|10|10|10|10|11|01|10|01|01|01|10|01|11|11|00| 0.0

01|10|11|10|10|11|11|10|01|01|01|10|01|11|00|00| 0.0

01|00|00|10|00|11|01|11|01|11|11|10|01|10|01|00| 0.0

10|10|10|11|10|11|01|01|00|01|01|10|01|11|11|00| 0.0

11|01|00|10|11|11|01|11|00|01|01|10|01|11|11|01| 0.0

Generation --> 553

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|11|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|01|10|00|11|11|11|01|01|01|10|01|11|01|00| 2.0

11|10|00|10|00|11|11|11|01|01|00|10|01|11|01|00| 1.0

11|10|00|10|01|11|01|10|01|01|00|10|01|11|01|01| 1.0

10|10|10|11|10|11|01|10|01|01|00|10|01|11|01|01| 1.0

11|01|10|10|00|01|01|11|01|11|01|10|01|11|11|00| 0.0

11|11|00|10|10|10|11|11|00|01|01|10|01|11|00|00| 0.0

01|00|00|10|01|11|01|11|01|11|11|10|11|01|01|00| 0.0

10|00|10|10|10|11|01|00|01|01|01|10|01|11|00|00| 0.0

Generation --> 554

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|11|10|00|11|01|10|01|01|01|00|01|11|01|00| 8.0

00|00|10|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|01|10|00|11|11|11|01|01|01|10|01|11|01|00| 2.0

11|11|00|10|10|10|11|10|01|01|01|10|01|11|01|00| 2.0

11|00|10|10|11|11|01|11|01|11|00|10|01|11|01|00| 1.0

11|01|10|00|00|01|01|10|01|01|01|10|01|11|01|00| 1.0

01|10|11|10|00|11|01|10|01|01|00|10|01|10|01|01| 1.0

11|11|01|10|00|11|11|10|01|01|00|11|11|11|01|00| 1.0

11|10|00|10|00|11|01|10|01|01|10|10|01|11|01|01| 1.0

Generation --> 555

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|01|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|11|00|10|10|10|11|00|01|11|01|10|01|11|01|00| 2.0

00|00|01|00|00|11|01|10|01|01|01|10|01|11|01|00| 1.0

10|10|01|10|00|11|01|10|01|01|00|10|01|11|01|00| 1.0

11|00|10|10|11|11|01|11|01|11|00|10|01|11|01|00| 1.0

11|10|00|10|00|01|01|10|11|01|10|10|01|11|01|01| 1.0

11|01|10|01|00|01|01|11|01|01|01|10|01|11|01|00| 1.0

11|11|01|10|00|11|11|10|01|01|00|11|11|11|01|00| 1.0

11|10|00|10|00|11|01|10|01|01|01|10|01|11|00|00| 0.0

Generation --> 556

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|01|10|00|11|01|10|01|01|01|10|01|11|01|01| 8.0

01|10|00|10|00|01|01|11|01|01|01|10|01|11|01|00| 3.0

11|10|00|10|00|11|01|11|01|01|01|10|11|11|01|00| 3.0

11|00|10|10|11|11|00|11|01|11|00|10|01|11|01|00| 1.0

11|00|10|01|00|01|01|11|01|01|01|10|01|11|01|00| 1.0

11|01|01|10|00|11|11|10|01|01|00|11|11|11|01|00| 1.0

00|10|01|10|00|11|01|10|01|01|01|11|11|11|00|00| 0.0

11|11|00|10|10|10|11|00|01|11|01|10|01|10|01|00| 0.0

00|00|01|00|00|11|01|10|01|01|01|10|01|01|01|00| 0.0

Generation --> 557

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|01|10|00|11|01|10|01|01|01|00|01|11|01|01| 8.0

11|10|00|10|00|11|01|11|01|01|01|10|01|11|01|00| 8.0

01|10|00|10|00|11|01|11|01|01|01|10|01|11|01|00| 8.0

11|00|10|10|11|11|00|10|01|01|01|10|01|11|01|00| 2.0

01|10|00|00|00|11|01|11|01|01|11|10|11|11|01|00| 1.0

11|01|00|11|00|11|11|10|01|01|01|10|00|11|01|00| 1.0

00|10|01|10|00|11|11|10|01|01|01|11|11|11|00|00| 0.0

11|10|00|10|10|10|11|00|01|11|01|10|01|10|01|00| 0.0

00|00|01|00|00|11|01|10|01|01|01|10|01|01|11|00| 0.0

Generation --> 558

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|11|01|10|00|11|01|10|01|01|01|00|01|11|01|01| 8.0

01|10|00|10|01|11|01|11|01|01|01|10|01|11|01|00| 8.0

01|10|00|10|10|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|00|10|10|11|11|00|10|01|01|01|10|01|11|01|00| 2.0

11|01|00|11|00|11|11|10|01|11|01|00|01|11|01|11| 1.0

11|10|00|10|01|10|01|11|01|01|01|10|01|11|00|00| 0.0

00|10|01|10|00|11|01|10|01|01|01|11|11|11|00|00| 0.0

11|10|00|10|10|10|11|00|01|11|01|10|01|10|00|00| 0.0

00|00|01|00|00|11|01|10|01|01|01|10|01|01|11|00| 0.0

Generation --> 559

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|11|00|10|00|11|01|10|00|01|01|00|01|11|01|01| 8.0

01|10|00|10|10|11|01|10|01|11|01|10|01|11|01|00| 8.0

11|10|10|10|11|11|00|10|01|01|01|10|01|11|01|00| 2.0

11|10|00|10|01|11|01|11|01|01|00|10|01|11|01|00| 1.0

11|00|00|10|11|11|01|11|01|01|01|10|01|01|01|00| 0.0

11|11|00|11|00|11|11|10|01|11|01|00|01|11|11|11| 0.0

11|01|00|10|00|11|01|00|01|00|01|11|11|11|00|01| 0.0

00|10|01|10|00|11|01|10|01|01|01|11|11|11|00|00| 0.0

00|00|01|00|00|11|01|10|00|01|00|10|01|01|11|01| 0.0

Generation --> 560

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|00|10|10|11|01|10|01|11|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|01|00|10|00|11|01|00|00|01|01|00|01|11|01|11| 8.0

11|10|00|10|11|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|10|10|11|11|00|00|11|01|01|10|01|11|01|00| 2.0

10|11|10|11|00|11|01|10|00|01|01|10|01|11|01|00| 1.0

00|10|01|10|00|11|01|10|01|01|11|11|01|11|01|00| 1.0

11|10|00|10|01|11|01|11|11|01|00|10|01|11|01|00| 1.0

00|00|00|00|00|11|01|10|01|01|01|10|01|11|01|00| 1.0

Generation --> 561

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|01|10|10|11|01|10|01|11|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|01|00|10|00|11|01|00|00|01|01|00|01|11|01|11| 8.0

11|10|01|10|00|11|01|11|01|01|01|11|01|11|01|00| 8.0

11|00|00|10|11|11|01|10|01|01|01|00|01|11|01|00| 8.0

10|11|10|10|10|01|01|10|01|01|01|11|01|11|01|00| 3.0

11|10|00|10|11|11|01|10|01|11|11|10|01|11|01|10| 1.0

11|10|00|10|01|11|01|11|11|01|00|10|01|11|01|00| 1.0

00|00|00|00|00|11|01|10|11|01|01|10|01|11|01|00| 1.0

Generation --> 562

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|01|10|10|11|01|10|00|01|01|01|01|11|01|11| 8.0

11|10|01|10|00|11|01|11|01|01|01|10|01|11|01|10| 8.0

11|01|00|10|00|01|01|00|00|01|01|11|01|11|01|00| 3.0

11|00|00|10|11|11|01|00|01|01|01|00|11|11|01|11| 3.0

00|10|01|10|00|11|11|11|01|01|01|11|01|11|01|00| 2.0

00|00|00|11|00|11|01|00|00|01|01|00|01|11|01|11| 1.0

11|10|10|10|01|11|01|11|11|01|00|10|01|11|01|00| 1.0

10|11|10|10|10|01|01|10|01|01|01|11|01|11|11|10| 0.0

11|10|00|10|11|11|01|10|01|11|11|00|01|10|01|11| 0.0

Generation --> 563

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|01|10|10|11|01|10|00|01|01|01|01|11|01|11| 8.0

01|01|00|10|00|01|01|00|00|01|01|11|01|11|01|00| 3.0

11|00|00|10|11|11|01|00|01|01|01|00|11|11|01|10| 3.0

10|10|00|10|00|11|11|10|01|01|01|10|00|11|01|00| 2.0

00|10|01|11|00|11|11|10|00|01|01|01|01|11|01|01| 1.0

11|10|10|10|01|11|01|11|11|01|00|10|00|11|01|11| 1.0

11|01|00|10|10|01|01|00|00|01|01|11|01|11|00|00| 0.0

11|10|00|10|11|01|01|00|01|01|01|00|11|11|00|11| 0.0

00|00|00|11|00|11|01|00|00|01|01|00|01|11|00|00| 0.0

Generation --> 564

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|01|10|10|11|01|10|00|01|01|01|01|11|01|11| 8.0

10|10|01|10|10|11|01|10|10|01|01|01|01|11|01|11| 8.0

10|01|00|10|10|11|01|10|00|01|01|01|01|11|01|11| 8.0

11|00|00|10|11|11|01|00|01|01|10|00|11|11|01|00| 1.0

00|00|01|11|00|11|01|00|00|01|01|00|01|11|01|00| 1.0

01|01|00|10|00|01|01|01|00|01|01|01|01|10|01|11| 0.0

00|10|01|11|00|11|11|10|00|01|01|01|01|11|00|01| 0.0

11|10|10|10|01|11|01|11|11|00|00|10|01|01|01|11| 0.0

11|10|00|10|11|01|01|00|01|01|01|00|11|11|00|10| 0.0

Generation --> 565

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|00|01|10|10|11|01|10|00|01|01|01|01|11|01|11| 8.0

10|10|01|10|10|11|01|10|10|01|01|01|01|11|01|11| 8.0

10|00|00|10|10|11|01|10|00|00|01|01|01|11|01|11| 8.0

10|10|01|10|10|11|01|10|11|01|01|01|01|11|01|11| 8.0

01|01|00|10|10|01|01|01|00|01|01|01|01|11|01|11| 3.0

11|00|00|10|11|11|01|00|01|01|10|00|11|11|01|00| 1.0

00|00|01|10|00|01|01|00|00|01|11|00|01|11|01|11| 1.0

00|10|01|11|00|11|11|10|00|01|01|01|01|11|01|11| 1.0

11|10|10|00|01|11|01|11|11|00|00|10|01|01|01|11| 0.0

Generation --> 566

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|00|01|10|10|11|01|10|00|01|01|01|01|11|01|11| 8.0

10|00|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|01|00|10|10|11|01|10|00|01|01|01|01|11|01|11| 8.0

11|10|01|10|10|01|01|10|10|01|01|01|01|11|01|11| 3.0

00|10|01|10|10|01|11|10|01|01|01|01|01|11|01|11| 2.0

11|00|00|10|11|11|01|00|01|01|10|00|11|11|01|00| 1.0

00|00|01|10|00|01|01|00|00|01|11|00|11|11|01|11| 1.0

00|10|01|11|00|11|11|10|00|01|01|01|01|11|01|11| 1.0

10|10|01|10|10|11|01|10|10|01|01|11|01|11|11|11| 0.0

Generation --> 567

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|00|01|10|10|11|01|10|10|01|01|01|01|11|01|10| 8.0

10|00|00|10|10|11|01|10|00|01|01|01|01|11|01|11| 8.0

10|10|01|10|10|11|01|10|10|01|01|11|01|11|01|11| 8.0

10|00|00|10|00|11|01|10|00|01|01|01|10|11|01|11| 3.0

00|10|01|10|10|01|11|10|01|01|01|10|01|11|01|00| 2.0

01|01|00|10|10|11|01|10|00|01|00|01|01|11|01|11| 1.0

00|00|01|10|00|01|01|01|00|01|11|00|11|11|01|10| 1.0

01|10|01|11|00|11|01|10|01|01|01|10|01|11|01|00| 1.0

11|01|00|10|10|10|01|10|00|01|01|00|01|01|01|11| 0.0

Generation --> 568

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|00|01|10|10|11|01|10|10|01|01|00|01|11|01|00| 8.0

10|10|01|10|10|11|01|10|10|00|01|11|01|11|01|01| 8.0

10|00|00|10|00|11|01|10|00|01|01|01|01|11|01|11| 8.0

00|00|01|10|00|01|01|01|10|01|01|01|01|11|01|10| 3.0

11|01|00|10|10|10|01|10|00|01|01|01|10|11|01|11| 3.0

00|10|01|10|10|01|11|10|01|01|01|10|11|11|01|00| 2.0

10|00|00|10|10|11|00|10|10|01|11|01|01|11|01|10| 1.0

01|01|10|10|10|11|01|10|00|01|00|00|01|11|01|11| 1.0

01|10|01|11|00|11|01|10|01|01|01|11|01|11|01|11| 1.0

Generation --> 569

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|00|01|10|10|11|01|10|10|00|01|11|01|11|01|01| 8.0

11|01|00|10|00|10|01|10|00|01|01|01|10|11|01|10| 3.0

01|01|00|10|10|10|01|10|00|01|01|01|10|11|01|11| 3.0

00|10|01|10|10|01|11|10|00|01|01|01|00|11|01|11| 2.0

10|10|01|10|10|11|01|10|10|00|11|11|11|11|01|11| 1.0

00|00|00|00|00|11|01|10|00|01|01|11|10|11|01|11| 1.0

10|00|00|10|10|11|00|10|10|01|11|01|01|11|01|11| 1.0

01|10|00|10|00|11|01|10|00|11|01|01|01|11|11|11| 0.0

01|10|01|11|00|11|01|10|01|01|00|11|11|01|01|11| 0.0

Generation --> 570

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|01|00|10|00|10|01|00|00|01|01|01|10|11|01|11| 3.0

01|11|00|10|10|10|01|10|00|01|01|10|01|11|01|00| 3.0

10|11|00|10|10|10|01|10|00|01|01|01|10|11|01|11| 3.0

00|10|01|10|10|01|11|10|00|01|01|01|00|11|01|11| 2.0

00|00|00|00|00|01|01|10|00|01|11|11|10|11|01|01| 1.0

01|10|01|11|00|11|01|10|01|01|01|01|01|11|01|11| 1.0

11|00|11|10|10|11|01|10|01|01|01|00|01|01|01|00| 0.0

11|00|00|10|10|01|01|10|00|01|01|01|10|11|11|10| 0.0

00|10|00|10|00|11|01|10|00|11|01|01|01|11|11|11| 0.0

Generation --> 571

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|00|00|10|01|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|11|00|10|10|10|01|10|00|01|01|10|01|11|01|00| 3.0

00|10|01|10|10|01|01|10|00|01|11|11|10|11|01|01| 1.0

00|00|01|01|00|11|01|10|01|01|01|00|01|11|01|11| 1.0

10|10|00|10|00|10|01|00|00|01|01|01|10|11|00|11| 0.0

01|10|01|11|00|01|01|10|01|01|01|01|11|10|01|00| 0.0

11|00|11|10|10|10|01|11|01|01|01|00|01|01|01|11| 0.0

11|00|00|10|10|01|01|10|00|01|01|01|10|11|11|10| 0.0

00|10|00|10|00|11|01|10|00|11|01|01|01|11|11|11| 0.0

Generation --> 572

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|11|00|10|10|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|11|10|00|11|01|10|00|01|01|10|01|11|01|00| 8.0

00|10|00|10|00|11|01|10|11|01|01|10|01|11|01|00| 8.0

11|00|00|10|10|01|01|10|00|01|01|10|01|11|01|00| 3.0

00|00|01|01|00|11|01|10|01|01|01|10|01|11|01|00| 1.0

01|10|01|11|00|01|00|11|01|01|01|01|11|11|01|00| 1.0

11|00|00|11|01|11|01|10|00|01|01|11|01|11|11|10| 0.0

10|10|00|10|01|10|01|10|00|00|01|01|10|11|00|11| 0.0

11|00|11|11|00|00|00|10|01|01|01|01|11|10|01|00| 0.0

Generation --> 573

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|11|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|00|10|01|11|01|10|11|01|01|10|01|11|01|00| 8.0

01|11|00|10|10|01|01|10|01|01|01|10|01|11|01|00| 3.0

11|00|01|10|10|01|01|10|00|01|01|10|01|11|01|01| 3.0

01|10|01|11|00|01|00|11|01|01|01|10|01|11|01|00| 1.0

11|00|00|11|01|11|01|10|00|01|01|10|01|11|01|00| 1.0

00|00|01|01|00|11|01|10|11|01|01|10|01|11|00|00| 0.0

10|10|00|10|01|10|01|10|00|01|01|01|10|11|00|01| 0.0

11|00|10|10|00|00|00|10|11|01|01|01|11|10|11|00| 0.0

Generation --> 574

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|11|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|00|00|10|00|11|01|00|01|01|01|10|01|11|01|00| 8.0

01|11|00|10|01|11|01|10|00|01|01|10|01|11|01|00| 8.0

11|00|11|10|00|01|01|10|01|10|01|10|01|11|01|00| 3.0

01|10|01|11|00|01|00|11|01|01|01|10|01|11|01|00| 1.0

11|00|00|11|01|11|01|10|00|01|01|10|01|11|01|01| 1.0

00|01|01|01|00|11|01|10|11|01|01|10|01|11|01|00| 1.0

00|10|00|00|01|10|01|10|11|01|01|10|11|11|11|00| 0.0

10|10|00|10|01|10|01|10|00|01|01|01|10|11|00|00| 0.0

Generation --> 575

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|01|00|10|00|11|01|10|01|00|01|10|01|11|01|00| 8.0

11|00|11|10|00|01|01|10|11|00|01|10|01|11|01|00| 3.0

00|11|00|00|01|11|01|00|01|01|01|10|01|11|01|00| 1.0

00|10|00|00|01|11|01|10|00|01|01|10|01|11|01|00| 1.0

11|00|00|11|00|01|00|11|01|01|01|10|01|11|01|00| 1.0

01|11|01|11|00|11|01|00|01|01|01|11|01|11|01|00| 1.0

11|00|00|01|00|11|01|10|11|01|10|10|01|11|01|10| 1.0

00|01|11|01|00|11|01|10|01|01|01|00|01|11|01|00| 1.0

00|00|00|10|00|11|01|00|01|01|01|10|01|11|10|00| 0.0

Generation --> 576

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|01|00|10|00|11|01|10|01|00|01|10|01|11|01|00| 8.0

11|00|11|10|00|11|01|10|01|01|01|10|01|10|01|00| 8.0

00|11|00|00|01|10|01|10|11|00|01|00|01|11|01|00| 1.0

00|11|00|00|01|11|01|10|00|01|01|10|01|10|01|00| 1.0

11|00|00|11|10|01|10|01|01|01|01|10|01|11|01|00| 1.0

01|01|11|00|00|11|01|10|11|01|01|00|01|11|01|00| 1.0

00|00|00|10|00|11|01|00|00|01|01|10|01|10|00|00| 0.0

01|11|01|11|00|11|01|10|01|00|01|10|01|11|00|00| 0.0

11|01|00|01|00|11|01|10|11|01|10|10|01|01|01|10| 0.0

Generation --> 577

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|01|00|10|00|11|01|10|01|00|01|10|01|11|01|00| 8.0

11|00|10|00|01|11|01|10|00|01|01|10|01|10|01|00| 1.0

00|11|00|00|01|11|01|10|00|01|01|10|01|11|01|00| 1.0

10|00|00|11|10|11|10|11|01|01|01|10|01|11|01|00| 1.0

11|01|00|01|00|01|01|10|11|01|10|10|01|10|01|00| 1.0

00|11|00|00|01|00|01|10|01|00|01|10|00|11|00|00| 0.0

11|01|11|00|00|11|01|11|11|01|01|00|01|01|01|00| 0.0

01|11|01|11|00|11|01|10|01|00|01|10|01|11|10|00| 0.0

00|00|00|10|00|11|01|01|00|01|01|10|01|10|01|00| 0.0

Generation --> 578

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|01|01|10|00|01|01|10|01|00|01|10|01|11|01|00| 3.0

11|00|10|00|01|11|00|10|01|01|01|10|01|11|01|00| 1.0

00|11|00|00|01|11|01|10|00|01|01|10|01|10|01|01| 1.0

00|00|00|00|01|11|00|10|01|01|01|10|01|11|01|00| 1.0

11|01|00|01|00|11|01|10|11|01|01|10|01|11|01|00| 1.0

11|01|11|00|00|11|01|11|11|00|01|10|01|11|01|00| 1.0

01|11|01|11|00|11|01|10|01|00|01|10|01|11|01|00| 1.0

10|01|00|10|00|11|01|10|01|00|01|10|01|11|11|00| 0.0

01|00|00|00|00|11|01|01|00|01|01|10|01|10|00|00| 0.0

Generation --> 579

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|01|01|10|00|11|01|11|11|01|01|10|01|11|01|00| 8.0

00|01|00|10|11|11|01|10|00|01|01|10|01|10|01|01| 8.0

11|00|10|00|01|11|11|10|01|00|01|00|01|11|01|00| 1.0

01|11|10|01|00|11|01|10|11|01|01|10|01|11|01|00| 1.0

00|11|00|00|01|01|01|00|00|01|01|10|11|10|10|00| 0.0

01|01|10|00|00|11|01|11|11|01|01|10|01|01|01|01| 0.0

11|01|00|01|00|11|01|10|10|10|01|10|01|01|01|00| 0.0

11|11|11|00|00|11|01|11|11|00|01|10|00|01|01|00| 0.0

01|00|01|00|00|11|01|01|00|01|01|10|01|10|00|01| 0.0

Generation --> 580

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|11|01|10|00|11|01|11|11|01|01|10|01|11|01|00| 8.0

00|01|00|10|11|11|01|10|00|00|01|10|01|10|01|01| 8.0

11|01|01|10|00|11|01|11|11|01|01|10|01|11|01|00| 8.0

01|01|10|00|00|11|01|11|11|01|11|10|01|11|01|00| 1.0

01|11|10|01|00|11|01|00|11|01|11|11|01|10|01|11| 0.0

00|00|00|00|01|01|01|01|00|01|01|10|01|10|01|01| 0.0

10|01|00|01|01|11|01|10|11|01|01|10|01|01|01|01| 0.0

11|11|10|00|00|11|01|11|11|00|01|10|00|01|01|01| 0.0

01|01|01|00|00|11|01|11|11|01|01|10|01|01|01|01| 0.0

Generation --> 581

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|01|00|10|11|11|01|10|00|00|01|10|01|10|01|01| 8.0

01|01|01|10|01|11|01|01|11|00|01|10|01|11|01|00| 8.0

00|11|01|11|00|11|01|11|11|01|01|00|00|11|01|00| 1.0

00|00|00|00|00|11|01|10|11|01|11|10|01|11|01|00| 1.0

11|11|10|00|00|11|01|11|11|10|01|11|00|11|01|00| 1.0

11|01|01|10|00|11|01|11|11|01|01|10|01|11|11|00| 0.0

01|11|10|10|00|11|00|11|00|01|11|00|01|11|00|00| 0.0

11|01|00|01|01|11|01|11|11|01|01|10|11|10|01|00| 0.0

01|01|10|00|01|11|01|11|11|01|11|10|01|10|01|01| 0.0

Generation --> 582

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|01|01|10|01|11|01|01|11|00|01|10|01|11|01|00| 8.0

00|01|00|10|11|01|01|10|00|00|11|10|01|10|01|01| 1.0

11|10|00|00|10|10|01|10|01|00|01|10|01|11|01|10| 1.0

00|01|01|11|00|11|01|11|11|01|11|00|00|11|01|00| 1.0

00|00|00|00|00|11|01|10|11|01|11|10|01|11|01|00| 1.0

01|01|01|00|01|01|01|10|11|00|01|10|01|11|11|00| 0.0

11|01|00|00|01|11|01|10|00|00|01|10|01|10|11|01| 0.0

01|11|01|10|10|11|01|11|10|01|11|10|01|11|11|00| 0.0

01|01|10|00|00|11|01|11|11|01|11|10|01|10|01|01| 0.0

Generation --> 583

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|00|00|10|00|11|01|10|01|01|00|10|01|11|01|00| 1.0

11|10|00|01|10|10|01|10|01|00|01|10|01|11|01|10| 1.0

01|01|01|01|01|01|01|10|11|00|01|10|01|11|01|00| 1.0

11|01|00|00|11|11|01|10|01|00|01|11|00|11|01|00| 1.0

10|01|01|10|11|01|00|10|00|00|11|10|01|10|11|01| 0.0

00|01|00|00|11|01|01|10|00|00|11|10|01|10|00|01| 0.0

00|01|00|10|11|01|01|00|00|00|11|10|01|10|01|01| 0.0

01|11|01|00|10|11|01|11|10|01|11|10|01|11|11|00| 0.0

01|01|10|00|00|11|01|11|01|01|10|10|01|10|01|01| 0.0

Generation --> 584

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|01|00|10|11|01|01|00|01|01|01|10|01|11|01|00| 3.0

10|10|00|00|00|11|01|10|01|01|01|10|01|11|01|00| 1.0

00|10|00|10|00|11|01|10|01|01|00|10|01|11|01|00| 1.0

10|10|00|01|10|10|01|10|11|01|01|10|01|11|01|10| 1.0

11|01|00|00|11|11|01|10|01|00|01|11|00|11|01|00| 1.0

00|01|00|01|10|10|01|10|01|00|01|10|01|11|01|10| 1.0

01|11|11|00|10|11|01|11|10|01|00|10|01|11|01|00| 1.0

01|01|00|00|11|11|01|10|00|00|11|11|00|01|01|00| 0.0

01|01|01|01|01|01|01|10|10|00|11|10|01|10|00|01| 0.0

Generation --> 585

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|10|01|11|01|10|01|11|01|00| 8.0

00|10|00|10|01|11|01|10|01|01|01|10|11|11|01|00| 3.0

00|10|00|10|00|11|01|10|01|01|00|10|01|11|01|00| 1.0

10|11|00|01|10|10|01|10|01|01|00|10|01|11|01|00| 1.0

11|01|00|00|11|11|01|10|01|00|00|11|00|11|01|00| 1.0

00|11|00|10|00|11|01|10|00|01|00|10|01|11|01|00| 1.0

01|11|11|00|10|11|01|11|10|01|00|10|01|11|01|00| 1.0

01|01|00|00|11|11|01|10|00|00|11|11|01|11|01|00| 1.0

01|01|11|01|01|01|01|10|10|00|11|10|01|10|01|00| 1.0

Generation --> 586

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|10|01|11|01|10|01|11|01|00| 8.0

00|10|00|10|01|01|01|10|01|01|01|10|01|11|01|00| 3.0

00|10|00|10|00|11|11|11|01|01|01|10|01|11|01|00| 2.0

10|11|00|01|10|10|01|10|01|01|00|10|01|11|01|00| 1.0

11|00|00|00|10|10|01|10|01|01|00|10|01|11|01|00| 1.0

00|11|00|10|00|11|00|10|01|01|00|10|00|11|01|00| 1.0

01|01|00|01|11|01|01|10|10|00|11|10|01|10|01|00| 1.0

01|11|11|01|01|01|01|10|10|00|11|10|01|11|01|00| 1.0

00|11|00|10|00|11|01|10|01|01|01|10|01|11|11|00| 0.0

Generation --> 587

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|11|11|11|01|10|01|11|01|00| 8.0

00|11|00|10|00|11|01|10|00|01|01|10|01|11|01|00| 8.0

11|00|00|10|00|10|01|10|01|01|01|10|01|11|01|00| 3.0

00|10|00|10|00|11|11|11|01|11|01|10|01|11|01|00| 2.0

01|11|11|01|01|11|01|00|01|01|01|10|01|11|01|00| 1.0

00|10|00|10|00|11|01|10|01|11|01|10|00|11|00|00| 0.0

00|11|00|10|01|01|01|10|01|01|01|10|01|11|00|00| 0.0

11|01|00|01|11|01|01|10|10|00|11|10|01|10|11|00| 0.0

00|11|00|10|00|11|01|10|01|01|01|10|01|01|11|00| 0.0

Generation --> 588

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|11|00|10|00|11|01|00|00|01|01|10|01|11|01|00| 8.0

11|00|00|10|00|11|01|11|00|01|01|10|01|11|01|00| 8.0

00|10|00|10|00|11|01|00|00|01|01|10|01|11|01|00| 8.0

00|11|01|10|00|11|01|11|11|11|01|10|01|11|01|10| 8.0

00|11|00|10|01|01|01|10|01|01|01|10|01|11|01|00| 3.0

11|00|00|10|01|10|00|10|11|01|01|10|01|11|01|00| 2.0

10|10|00|10|10|11|00|11|11|11|00|10|01|11|01|00| 1.0

11|01|00|00|11|01|01|10|10|01|11|10|01|10|01|00| 1.0

00|10|00|10|00|11|11|11|01|11|01|10|01|11|00|00| 0.0

Generation --> 589

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|11|00|10|00|11|01|10|11|11|01|10|01|11|01|10| 8.0

00|11|01|10|00|11|01|11|11|11|01|10|01|11|01|00| 8.0

00|10|00|10|01|01|01|10|01|01|01|10|01|11|01|00| 3.0

11|00|00|10|01|10|00|10|11|01|01|10|01|11|01|00| 2.0

00|11|00|11|00|11|01|00|00|01|01|10|01|11|01|10| 1.0

10|10|00|10|10|10|00|11|11|11|00|10|00|11|01|00| 1.0

11|00|00|00|11|01|01|10|11|01|01|10|01|11|01|00| 1.0

00|11|01|10|00|11|01|11|11|11|00|10|01|01|01|10| 0.0

00|10|01|10|00|11|01|11|00|01|01|10|01|11|11|01| 0.0

Generation --> 590

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|01|00|10|00|11|01|10|11|01|01|10|01|11|01|00| 8.0

10|10|10|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|01|01|10|00|11|01|11|11|11|01|10|01|11|01|00| 8.0

00|11|01|10|00|11|01|11|11|01|01|10|01|11|01|00| 8.0

00|10|01|10|00|11|01|11|00|01|01|10|11|11|01|00| 3.0

00|10|00|10|00|01|01|10|01|01|01|10|01|11|01|00| 3.0

11|10|00|10|00|10|01|10|11|11|01|10|01|11|01|10| 3.0

00|10|00|11|00|11|01|00|00|00|01|10|01|11|01|00| 1.0

00|11|01|10|00|11|01|10|01|01|01|10|01|11|00|00| 0.0

Generation --> 591

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|01|00|10|00|11|01|11|11|11|01|10|01|11|01|00| 8.0

10|10|10|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|01|01|10|00|11|01|11|11|00|01|10|01|11|01|00| 8.0

00|10|00|10|00|11|01|11|01|01|01|10|01|11|01|00| 8.0

11|10|00|10|00|10|01|10|11|10|01|10|01|11|01|00| 3.0

00|10|00|11|00|01|01|00|00|00|01|10|01|11|01|00| 1.0

00|11|01|10|00|11|01|11|11|01|01|10|01|11|11|10| 0.0

10|10|00|10|00|11|01|10|01|01|01|10|01|01|01|00| 0.0

00|11|01|00|00|11|01|10|01|01|01|10|01|11|00|00| 0.0

Generation --> 592

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|00|11|10|00|11|01|10|01|01|01|00|01|11|01|00| 8.0

00|11|01|10|01|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|11|00|10|10|01|01|11|11|11|01|10|01|11|01|00| 3.0

10|10|01|10|00|10|01|10|11|10|01|10|01|11|01|00| 3.0

11|01|01|10|00|10|01|11|11|00|01|10|01|10|01|00| 0.0

11|10|00|00|00|10|01|10|11|00|01|11|01|11|00|00| 0.0

00|11|01|10|00|11|01|11|11|01|01|10|01|11|11|10| 0.0

00|11|01|00|00|11|01|10|01|01|01|10|01|11|00|00| 0.0

Generation --> 593

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|00|10|00|11|01|10|11|01|01|10|01|11|01|00| 8.0

10|11|00|10|01|11|01|00|01|01|01|10|01|11|01|00| 8.0

10|00|11|10|00|10|01|11|11|11|01|10|01|11|01|00| 3.0

10|10|01|10|10|10|11|10|00|01|01|10|01|11|01|00| 2.0

10|10|00|10|00|11|01|10|11|10|11|10|01|11|01|00| 1.0

11|11|01|00|01|11|01|10|01|01|11|10|01|01|01|00| 0.0

11|01|01|10|00|10|01|11|01|00|01|10|01|10|01|00| 0.0

00|11|00|10|00|00|01|11|11|01|11|10|01|01|11|10| 0.0

10|11|01|00|00|11|01|10|01|01|11|00|01|11|10|00| 0.0

Generation --> 594

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|00|10|00|11|01|10|11|01|01|10|11|11|01|00| 3.0

10|11|00|10|01|10|01|10|11|01|01|10|01|11|01|00| 3.0

00|00|01|10|00|10|01|11|11|11|01|10|00|11|01|01| 3.0

11|00|01|10|00|10|01|11|11|11|01|10|01|11|01|00| 3.0

00|11|00|11|01|11|01|00|01|01|01|10|01|11|01|00| 1.0

10|10|01|10|10|11|01|10|11|10|11|10|11|11|01|00| 1.0

10|10|00|10|10|11|01|10|11|10|11|10|01|11|01|10| 1.0

11|11|01|00|01|11|01|10|01|01|01|10|01|11|01|10| 1.0

10|11|01|00|00|11|01|10|01|01|11|00|01|11|10|00| 0.0

Generation --> 595

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|11|01|10|01|11|01|10|01|01|01|10|01|10|01|00| 8.0

10|10|01|10|10|11|01|10|01|01|01|10|01|11|01|10| 8.0

10|10|00|10|01|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|00|10|00|01|01|10|11|01|01|10|01|11|01|00| 3.0

00|00|01|10|00|10|01|11|11|11|01|10|00|11|01|00| 3.0

00|11|00|01|01|11|01|00|01|01|01|00|01|11|01|00| 1.0

11|10|00|00|01|11|01|10|01|01|01|00|01|11|01|00| 1.0

11|00|01|10|00|10|11|11|11|11|01|10|01|10|01|00| 0.0

Generation --> 596

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|00|10|00|01|01|10|11|01|01|10|01|11|01|00| 3.0

11|00|01|10|00|10|11|11|11|11|01|10|01|11|01|00| 2.0

10|10|01|00|10|11|01|10|01|01|11|11|00|11|01|00| 1.0

10|10|00|10|01|10|01|10|01|01|00|10|01|11|01|00| 1.0

10|10|00|00|00|11|01|10|01|11|01|10|01|10|01|00| 1.0

00|10|00|10|01|11|01|10|01|01|00|10|01|11|01|00| 1.0

11|10|00|00|01|11|01|11|11|11|01|10|00|11|01|00| 1.0

10|11|01|10|01|11|01|10|01|01|01|10|01|01|01|10| 0.0

00|11|00|01|01|11|01|00|01|01|01|00|01|10|01|00| 0.0

Generation --> 597

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|00|10|00|10|11|10|01|00|01|10|01|11|01|00| 2.0

00|10|00|10|00|11|11|10|11|01|01|00|01|11|01|00| 2.0

10|10|01|00|10|11|01|10|01|01|11|11|00|11|01|00| 1.0

11|10|00|10|01|10|01|10|01|01|00|10|01|11|01|00| 1.0

10|10|00|00|00|11|11|10|01|11|00|11|01|11|01|00| 1.0

10|11|00|10|00|11|01|10|01|11|01|10|01|11|00|00| 0.0

11|00|01|11|00|10|11|11|11|11|01|10|01|10|01|00| 0.0

00|11|00|01|01|11|01|10|11|01|01|11|01|10|01|00| 0.0

Generation --> 598

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|00|10|00|10|00|10|01|01|01|10|01|10|01|00| 2.0

10|10|00|10|00|11|11|10|11|01|01|01|00|11|01|00| 2.0

10|10|01|00|10|11|01|10|01|01|01|10|00|11|01|00| 1.0

11|10|00|10|01|10|11|10|11|01|00|10|01|11|01|00| 1.0

11|00|01|11|00|11|01|10|01|01|01|10|01|11|01|00| 1.0

00|01|11|01|01|11|01|11|11|01|01|10|01|11|01|00| 1.0

10|10|00|00|00|10|01|10|01|01|01|10|01|11|00|00| 0.0

10|11|00|10|00|11|01|10|00|11|01|10|01|11|00|00| 0.0

Generation --> 599

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|00|11|01|01|10|01|11|01|10| 8.0

11|11|00|10|00|11|01|10|01|01|01|10|01|10|01|00| 8.0

11|10|00|10|00|10|00|10|01|01|01|10|11|10|01|00| 2.0

11|10|00|10|01|10|11|10|01|11|11|10|11|11|01|00| 1.0

10|10|01|01|11|11|01|10|01|01|11|10|01|11|01|00| 1.0

11|00|01|11|00|11|01|10|11|01|01|01|00|11|01|00| 1.0

00|01|11|01|01|11|01|11|11|01|01|10|01|11|01|00| 1.0

10|10|00|00|00|10|01|11|01|11|01|01|00|11|01|00| 1.0

Generation --> 600

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|00|10|01|11|01|01|11|11|01|10|01|11|01|10| 8.0

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|00|10|00|10|00|10|01|01|01|10|01|11|01|10| 2.0

00|11|00|10|00|11|00|10|01|01|00|10|01|11|01|00| 1.0

10|10|00|11|00|11|01|00|11|01|01|10|01|11|01|10| 1.0

11|00|01|11|01|11|01|10|11|01|00|10|01|11|01|00| 1.0

00|01|11|01|01|11|01|11|11|01|01|10|01|11|01|00| 1.0

10|10|00|00|00|10|01|11|01|11|00|01|00|11|01|00| 1.0

11|11|00|10|10|11|01|10|01|01|01|10|00|00|01|10| 0.0

Generation --> 601

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|00|00|10|00|11|01|10|01|01|01|10|01|11|01|10| 8.0

11|10|00|10|00|10|01|10|01|01|01|10|01|11|01|10| 3.0

00|11|00|10|00|11|00|11|01|01|00|10|11|11|01|00| 1.0

11|00|01|11|01|11|01|10|11|01|00|10|01|11|01|00| 1.0

10|10|00|00|00|10|01|11|01|11|00|01|01|11|01|00| 1.0

11|11|00|10|10|11|01|10|01|01|01|10|01|11|11|00| 0.0

11|10|00|10|00|10|00|10|01|01|01|10|11|01|01|10| 0.0

00|10|00|11|00|11|01|00|10|01|01|10|01|00|01|00| 0.0

Generation --> 602

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|10|11|01|01|10|01|11|01|00| 8.0

11|00|00|10|10|11|01|10|01|11|01|10|01|11|01|10| 8.0

11|11|00|10|10|11|11|10|01|01|01|00|01|11|01|10| 2.0

11|10|00|10|00|10|01|10|01|01|00|10|01|11|01|10| 1.0

00|11|00|10|00|11|00|11|01|01|00|10|11|11|01|01| 1.0

10|10|00|00|00|10|01|11|01|10|00|01|00|11|01|00| 1.0

10|10|11|10|00|11|01|10|01|01|01|11|01|10|01|00| 0.0

11|00|01|11|01|11|01|00|11|01|00|10|01|01|01|00| 0.0

00|10|00|10|00|10|00|00|10|01|00|10|01|00|01|00| 0.0

Generation --> 603

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|11|00|10|10|11|11|10|01|01|01|00|01|11|01|00| 2.0

10|10|11|10|00|11|10|11|01|01|01|10|11|11|01|01| 2.0

10|10|10|11|00|11|01|10|11|01|01|10|01|11|01|01| 1.0

11|10|00|10|00|10|01|10|01|01|00|10|01|11|01|10| 1.0

11|00|01|11|01|11|01|01|11|11|01|10|01|11|01|10| 1.0

11|10|10|10|00|11|01|10|01|01|01|10|01|11|11|00| 0.0

00|11|00|10|10|11|00|11|01|01|01|10|01|01|01|10| 0.0

10|10|00|00|10|10|01|11|01|10|00|01|00|11|11|00| 0.0

01|10|00|10|00|10|00|10|10|01|00|10|01|00|01|00| 0.0

Generation --> 604

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|10|10|00|11|01|00|01|01|01|10|01|11|01|00| 8.0

01|10|00|10|00|11|01|10|01|01|01|10|00|11|01|00| 3.0

11|11|01|10|00|11|10|10|11|01|01|10|11|11|01|01| 2.0

11|10|00|00|10|11|00|10|01|01|01|00|01|11|01|00| 1.0

10|10|10|11|01|11|01|10|01|10|01|00|01|11|01|00| 1.0

11|01|01|11|01|11|11|01|11|11|01|10|01|11|01|10| 1.0

00|11|00|10|00|11|00|10|01|01|01|10|11|01|01|01| 0.0

10|10|00|00|10|10|01|01|00|10|00|00|00|11|11|00| 0.0

Generation --> 605

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|10|10|00|11|01|00|01|01|01|10|01|11|01|00| 8.0

01|11|00|10|00|11|01|10|01|01|01|10|00|11|01|00| 3.0

10|10|10|11|01|11|01|11|01|11|01|10|11|11|01|00| 3.0

11|11|01|10|00|11|10|11|11|01|01|10|00|11|01|00| 2.0

11|10|00|00|10|11|00|10|01|01|01|00|01|11|01|00| 1.0

11|01|01|11|01|11|11|01|11|11|01|10|00|11|01|00| 1.0

10|00|00|00|10|10|10|10|11|01|01|10|11|11|01|01| 1.0

00|11|00|10|00|11|10|10|01|01|01|10|11|01|01|01| 0.0

Generation --> 606

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|00|00|10|00|11|01|00|01|00|01|10|01|11|01|00| 8.0

00|01|00|10|00|11|10|11|11|01|01|10|00|11|01|00| 2.0

11|10|00|00|00|11|01|10|01|01|01|10|01|11|01|00| 1.0

10|00|10|11|01|11|01|11|01|11|01|00|01|11|01|00| 1.0

11|01|01|11|01|11|11|11|01|11|00|10|11|11|01|00| 1.0

01|10|10|10|00|11|00|10|01|01|01|10|01|11|00|00| 0.0

01|11|01|10|00|11|01|10|01|01|01|10|01|11|11|00| 0.0

01|11|00|11|01|11|01|11|01|11|01|10|00|11|11|00| 0.0

11|10|01|00|10|11|00|10|00|01|01|00|01|10|01|00| 0.0

Generation --> 607

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|00|00|10|00|11|01|00|01|00|01|10|01|11|01|00| 8.0

00|00|00|10|00|01|10|11|11|01|01|11|00|11|01|00| 2.0

01|11|01|00|00|11|01|10|01|11|01|10|01|10|01|00| 1.0

11|10|00|11|00|11|01|10|01|01|01|10|01|11|01|10| 1.0

10|00|11|11|01|11|01|11|01|11|01|00|01|11|01|00| 1.0

11|01|01|11|00|11|01|10|01|01|01|10|01|11|01|10| 1.0

01|10|00|11|00|11|01|11|01|00|01|10|01|11|01|00| 1.0

11|10|11|00|10|11|00|10|00|01|01|00|01|11|01|00| 1.0

01|10|10|11|01|11|11|11|01|11|11|00|11|11|00|00| 0.0

Generation --> 608

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|00|00|10|00|11|01|00|01|00|01|10|01|11|01|01| 8.0

00|00|00|10|00|11|01|00|01|00|01|10|01|11|01|00| 8.0

11|01|00|10|00|11|01|01|01|00|01|10|00|11|01|00| 3.0

01|11|01|00|00|11|01|10|01|01|01|11|01|11|01|00| 1.0

10|00|11|11|01|11|01|11|01|11|01|10|01|11|01|00| 1.0

01|10|11|00|10|11|01|10|01|01|01|10|01|11|01|00| 1.0

01|10|10|11|01|01|11|11|11|01|01|11|00|11|01|00| 1.0

00|00|00|10|00|11|01|01|01|00|01|10|01|01|01|00| 0.0

01|10|00|11|00|11|01|11|01|00|01|10|01|11|00|00| 0.0

Generation --> 609

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|01|00|10|00|11|01|00|01|00|01|10|01|11|01|00| 8.0

00|00|00|10|10|10|01|00|01|00|01|10|01|11|01|01| 3.0

00|01|00|10|00|11|01|00|01|00|10|10|01|11|01|00| 1.0

01|11|01|00|00|11|01|10|01|01|01|10|01|11|01|00| 1.0

10|00|11|11|01|10|01|11|01|00|01|10|01|11|01|01| 1.0

01|10|11|01|10|11|11|10|01|01|01|10|01|11|01|00| 1.0

01|10|10|11|01|01|11|11|11|01|01|10|01|11|01|00| 1.0

11|01|00|10|10|11|01|00|01|00|01|11|01|10|01|00| 0.0

01|10|00|11|00|11|01|11|01|00|01|10|01|11|00|01| 0.0

Generation --> 610

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|11|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|10|10|00|11|01|00|01|00|01|10|01|11|01|10| 8.0

00|00|00|10|10|10|01|00|01|00|01|10|01|11|01|01| 3.0

00|11|00|10|00|11|01|00|01|00|10|10|01|11|01|00| 1.0

01|11|01|00|00|11|01|10|01|01|01|10|01|11|01|00| 1.0

01|10|00|11|00|11|11|11|01|00|01|10|01|11|01|01| 1.0

00|01|00|10|00|11|01|00|11|00|01|10|01|10|01|00| 0.0

10|00|00|10|00|11|01|10|01|11|00|10|01|11|11|00| 0.0

11|01|00|10|10|10|01|00|01|11|01|11|00|10|01|00| 0.0

Generation --> 611

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|11|10|00|11|01|10|01|01|01|10|01|11|01|10| 8.0

01|10|10|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|11|10|00|11|01|00|01|00|01|10|01|11|01|10| 8.0

00|01|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|00|00|10|10|10|01|10|01|01|01|10|01|11|01|00| 3.0

01|10|01|00|00|10|01|10|00|01|01|10|01|11|01|00| 1.0

11|01|00|10|10|11|01|10|01|01|01|10|11|11|00|00| 0.0

01|11|01|00|00|11|01|10|01|01|01|10|01|11|11|00| 0.0

10|00|00|10|00|11|01|10|01|11|00|10|01|11|11|00| 0.0

Generation --> 612

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|11|10|00|11|01|00|01|00|01|10|01|11|01|00| 8.0

00|01|00|10|00|11|01|00|01|00|01|10|01|11|01|11| 8.0

10|10|00|10|00|11|01|10|01|01|01|11|01|11|01|00| 8.0

01|10|10|10|00|11|01|10|11|01|11|10|01|11|01|00| 1.0

01|10|01|00|00|10|01|10|00|01|01|10|01|11|01|10| 1.0

01|11|01|00|00|11|01|00|01|01|01|10|01|11|01|00| 1.0

11|01|00|10|10|11|01|10|00|01|01|00|11|11|00|00| 0.0

10|00|00|10|00|11|01|10|01|11|10|00|01|11|11|00| 0.0

Generation --> 613

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|11|11|10|00|11|01|00|00|01|01|01|01|11|01|00| 8.0

10|00|00|10|00|11|01|00|01|00|01|10|01|11|01|11| 8.0

00|10|00|10|00|10|01|10|01|01|01|11|01|11|01|00| 3.0

01|10|10|10|00|01|01|10|11|01|01|10|01|11|01|11| 3.0

00|01|00|10|00|11|00|00|01|01|01|10|01|11|01|00| 2.0

11|10|00|11|00|11|01|10|01|10|01|11|01|11|01|11| 1.0

01|11|01|00|00|11|01|00|01|01|00|10|01|11|01|00| 1.0

01|10|11|10|00|11|01|00|01|10|01|10|00|11|11|10| 0.0

11|11|00|10|10|11|01|10|00|01|01|00|11|11|00|00| 0.0

Generation --> 614

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|11|10|00|11|01|00|00|01|01|01|01|11|01|00| 8.0

00|10|00|10|00|10|01|10|11|01|01|11|01|11|01|00| 3.0

00|01|00|10|00|11|00|00|01|01|01|10|01|11|01|00| 2.0

10|01|00|10|00|11|01|00|01|00|00|10|01|11|01|11| 1.0

00|11|00|10|00|10|01|01|01|00|00|10|01|11|01|11| 1.0

01|10|10|10|00|01|01|10|11|01|00|11|01|11|01|11| 1.0

01|11|11|10|00|11|01|00|01|01|00|10|01|11|01|00| 1.0

11|10|00|10|00|10|01|10|01|01|01|10|01|11|11|00| 0.0

01|11|00|10|00|11|00|00|01|01|11|10|01|01|01|00| 0.0

Generation --> 615

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|11|10|00|10|01|00|00|01|01|01|01|11|01|00| 3.0

00|10|00|10|00|10|01|11|11|01|01|11|01|11|01|00| 3.0

10|01|00|10|00|01|01|00|01|11|01|11|01|11|01|11| 3.0

01|11|00|10|00|11|00|00|00|01|01|01|01|11|01|00| 2.0

00|01|10|10|00|11|00|00|01|01|00|10|01|11|01|00| 1.0

00|11|00|10|00|10|01|01|00|00|00|10|01|11|01|11| 1.0

11|10|00|10|00|10|01|10|01|01|00|10|01|11|01|00| 1.0

01|10|11|10|00|11|01|00|00|01|01|10|01|11|00|00| 0.0

11|11|11|10|00|11|11|00|01|01|00|10|01|11|11|00| 0.0

Generation --> 616

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|00|10|00|11|01|10|11|01|01|10|01|11|01|00| 8.0

00|10|11|10|00|10|01|10|00|01|01|11|01|11|01|10| 3.0

10|01|00|10|00|01|01|00|00|01|01|01|01|11|01|10| 3.0

00|10|11|10|00|10|01|00|00|01|01|01|01|11|01|00| 3.0

01|11|00|00|10|10|01|10|01|01|00|00|01|11|01|00| 1.0

00|01|10|10|00|11|00|00|01|01|00|11|01|11|01|00| 1.0

11|10|00|10|00|10|01|10|01|01|00|10|01|11|01|00| 1.0

01|10|11|10|01|11|01|00|01|01|00|10|01|11|01|00| 1.0

11|11|01|10|00|11|10|00|01|01|01|10|01|11|11|00| 0.0

Generation --> 617

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|00|10|00|11|01|10|11|01|01|10|01|11|01|00| 8.0

00|01|10|10|01|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|00|00|10|11|11|01|00|00|01|01|01|01|11|01|10| 8.0

10|11|10|10|00|11|01|00|00|01|01|00|01|11|01|00| 8.0

00|00|00|10|00|11|01|10|10|01|00|10|01|11|01|00| 1.0

00|10|00|10|00|11|11|11|01|01|11|10|11|11|01|00| 1.0

01|11|00|00|00|11|01|10|11|01|01|10|00|11|01|00| 1.0

11|10|00|10|00|10|01|10|01|11|00|10|01|11|01|00| 1.0

11|11|01|10|00|10|10|00|01|01|01|10|01|11|11|00| 0.0

Generation --> 618

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|00|10|00|11|01|10|11|01|01|10|01|11|01|10| 8.0

01|00|00|10|10|11|01|00|00|01|01|01|01|11|01|10| 8.0

10|11|10|10|00|11|01|00|11|01|01|10|01|11|01|00| 8.0

00|00|00|10|00|11|01|10|11|01|01|10|01|11|01|00| 8.0

00|10|00|10|00|11|10|11|01|01|11|10|11|11|01|00| 1.0

01|11|00|00|00|11|01|10|11|01|01|10|00|11|01|00| 1.0

11|10|00|10|00|10|01|10|01|11|00|10|01|11|01|00| 1.0

00|01|10|10|01|11|01|10|01|01|01|10|01|11|11|00| 0.0

10|01|10|10|01|10|00|10|01|01|01|11|00|11|00|00| 0.0

Generation --> 619

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|01|10|10|00|11|01|00|11|01|01|10|01|11|01|00| 8.0

10|11|10|10|00|11|01|00|00|01|01|01|01|11|01|10| 8.0

00|01|10|10|00|11|01|10|01|01|01|10|01|11|01|11| 8.0

11|10|00|10|00|10|01|10|00|01|01|00|01|11|01|10| 3.0

00|01|10|10|01|10|00|00|01|01|01|11|00|11|01|10| 2.0

00|10|00|10|00|10|10|11|01|01|11|10|11|11|01|00| 1.0

00|00|00|10|00|11|01|10|11|01|01|10|01|11|11|00| 0.0

01|00|00|10|00|01|01|10|11|01|01|10|01|01|00|00| 0.0

Generation --> 620

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|00|00|10|00|11|01|10|11|01|01|10|01|11|01|11| 8.0

10|01|10|10|00|11|01|10|01|01|01|11|11|11|01|11| 3.0

00|00|10|10|00|01|01|10|01|01|01|10|01|11|01|11| 3.0

00|01|10|10|01|10|00|00|01|01|01|11|00|11|01|10| 2.0

10|01|10|10|00|11|01|10|01|01|11|10|01|11|01|11| 1.0

00|10|10|10|00|00|10|11|01|01|11|11|01|11|01|00| 1.0

00|10|00|10|00|11|01|10|01|01|11|10|11|01|01|00| 0.0

11|10|00|11|00|10|01|10|00|01|01|10|01|00|01|00| 0.0

01|00|00|10|00|01|01|00|11|01|01|11|01|01|10|10| 0.0

Generation --> 621

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|01|10|10|00|11|01|10|01|11|01|11|00|11|01|11| 3.0

10|01|10|10|00|11|01|10|01|01|01|01|11|11|01|01| 3.0

00|01|10|10|01|10|01|00|01|01|01|11|00|11|01|10| 3.0

00|00|10|10|00|11|00|10|01|01|01|10|11|11|01|00| 2.0

01|00|01|00|00|11|01|10|11|01|00|10|11|11|01|11| 1.0

10|10|00|11|00|11|01|10|01|01|01|10|01|11|01|00| 1.0

00|10|10|00|00|01|01|10|01|01|01|10|01|11|01|11| 1.0

11|10|00|11|00|11|01|10|01|11|01|10|01|11|01|10| 1.0

01|00|00|10|00|01|01|00|11|00|01|11|01|01|10|10| 0.0

Generation --> 622

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|00|01|10|00|11|01|10|01|10|01|10|01|11|01|00| 8.0

10|01|10|11|00|11|11|10|01|11|01|11|00|11|01|11| 1.0

00|01|10|00|01|10|01|00|01|01|01|11|00|11|01|00| 1.0

10|01|10|11|10|11|01|10|01|10|01|11|00|11|01|11| 1.0

10|01|10|11|00|11|01|10|11|01|00|00|11|11|01|11| 1.0

11|10|01|11|00|11|01|00|01|11|01|11|00|11|01|11| 1.0

00|10|10|10|01|11|00|10|01|11|01|10|11|01|01|01| 0.0

00|10|10|00|00|01|00|10|01|01|01|10|11|00|01|00| 0.0

01|00|00|10|00|01|01|10|11|00|01|11|01|01|10|01| 0.0

Generation --> 623

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|00|11|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|01|10|11|00|11|11|10|01|11|01|11|11|11|01|11| 2.0

11|00|00|10|00|01|01|10|11|00|11|10|01|11|01|00| 1.0

10|01|11|11|00|11|11|10|01|11|01|11|00|11|01|11| 1.0

00|01|11|00|01|11|11|10|01|11|01|11|00|11|01|11| 1.0

10|01|11|01|00|11|11|10|11|01|00|00|01|11|01|00| 1.0

11|10|01|11|00|01|01|00|01|11|01|11|00|11|01|00| 1.0

00|10|10|00|00|01|01|10|01|01|01|10|01|11|01|00| 1.0

00|10|11|10|01|11|00|10|01|11|01|10|11|01|01|01| 0.0

Generation --> 624

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|11|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|01|11|10|10|11|01|10|00|01|01|11|01|11|01|00| 8.0

11|10|01|10|00|10|01|10|01|01|01|10|00|11|01|00| 3.0

10|10|11|10|01|11|00|10|00|10|01|10|01|11|01|00| 2.0

10|01|00|11|00|11|01|10|01|01|01|10|00|11|01|00| 1.0

01|00|00|10|00|01|01|00|11|00|11|10|01|11|01|00| 1.0

10|01|10|11|00|11|01|10|01|11|01|11|00|11|01|11| 1.0

00|10|10|00|00|11|01|10|01|01|01|10|01|11|01|00| 1.0

00|10|10|00|00|01|01|10|01|01|01|10|01|10|01|00| 1.0

Generation --> 625

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|11|11|10|10|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|11|10|00|11|01|11|01|01|01|11|01|11|01|11| 8.0

10|10|11|10|10|11|01|10|00|01|01|11|01|11|01|00| 8.0

11|10|11|10|01|11|01|10|01|01|01|10|00|11|01|00| 3.0

01|00|00|00|00|11|01|10|00|01|01|11|01|11|01|00| 1.0

11|01|00|11|00|11|01|10|00|01|01|10|00|11|01|00| 1.0

10|01|10|11|00|11|01|00|01|11|01|11|00|11|01|10| 1.0

00|10|10|00|01|01|01|10|01|01|01|10|01|10|01|00| 1.0

00|10|10|00|00|11|01|10|01|01|01|11|01|11|00|10| 0.0

Generation --> 626

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|11|10|00|11|01|11|01|01|01|11|01|11|01|00| 8.0

00|10|10|10|10|11|01|10|00|00|01|11|01|11|01|00| 8.0

11|11|11|10|10|11|11|11|01|01|01|11|11|11|01|11| 2.0

01|00|00|00|00|11|01|10|00|11|01|11|01|11|01|11| 1.0

11|01|00|11|00|11|01|10|00|01|01|01|01|11|01|00| 1.0

10|01|10|11|00|11|01|00|01|11|01|11|00|11|01|10| 1.0

00|10|10|00|00|01|01|10|01|01|01|11|01|11|01|00| 1.0

10|10|11|10|00|11|01|11|01|01|01|11|01|11|11|11| 0.0

11|10|01|10|01|11|01|10|01|01|01|10|00|11|11|00| 0.0

Generation --> 627

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|10|10|10|11|01|10|00|00|01|11|01|11|01|00| 8.0

10|10|11|10|00|11|01|01|11|01|01|11|01|11|01|00| 8.0

10|10|01|10|01|11|01|11|01|01|01|11|11|11|01|11| 3.0

11|11|11|10|10|11|11|11|01|01|01|11|01|11|01|00| 2.0

01|00|00|00|00|11|01|11|00|11|01|11|01|11|01|00| 1.0

11|01|00|11|00|11|01|10|00|00|01|11|01|11|01|00| 1.0

10|01|10|11|00|11|01|00|01|11|01|11|00|11|01|10| 1.0

00|10|10|00|00|01|01|11|01|01|01|11|01|11|01|00| 1.0

11|11|01|10|01|11|01|10|01|01|01|10|00|11|11|00| 0.0

Generation --> 628

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|11|10|00|11|01|01|11|01|01|11|01|11|01|00| 8.0

10|10|01|10|10|11|01|10|00|00|01|11|01|11|01|00| 8.0

11|11|11|10|01|11|01|11|01|01|01|11|11|11|01|11| 3.0

10|10|01|10|00|11|11|01|11|01|01|11|01|11|01|00| 2.0

11|11|01|10|01|11|11|10|11|01|01|10|01|11|01|00| 2.0

01|00|00|00|00|11|01|11|00|11|01|11|11|11|01|11| 1.0

11|01|00|11|00|11|01|10|00|00|11|11|00|11|01|00| 1.0

10|01|10|11|01|11|01|10|10|00|01|11|01|11|01|00| 1.0

00|10|10|00|00|01|00|11|01|01|01|11|01|11|01|00| 1.0

Generation --> 629

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|11|10|00|11|01|01|11|01|01|11|01|11|01|00| 8.0

01|11|01|10|01|11|01|01|01|00|01|11|01|11|01|00| 8.0

00|10|01|10|01|11|01|01|01|00|01|11|11|11|01|11| 3.0

10|01|11|10|01|11|01|11|01|01|01|11|11|11|01|00| 3.0

10|10|01|10|00|11|11|01|11|01|01|11|01|11|01|00| 2.0

11|01|00|11|00|11|01|10|00|01|01|10|01|11|01|00| 1.0

10|01|10|11|01|11|01|10|01|01|01|10|01|11|01|00| 1.0

00|10|10|00|00|00|01|11|01|01|01|11|11|11|01|11| 1.0

00|11|11|10|01|11|01|11|01|01|01|11|11|11|00|11| 0.0

Generation --> 630

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|11|10|00|10|01|01|11|00|01|11|01|11|01|00| 3.0

10|01|11|10|01|10|01|11|01|00|01|11|01|11|01|00| 3.0

00|10|01|10|01|11|01|01|01|10|01|11|11|11|01|00| 3.0

10|10|01|10|00|11|11|01|11|01|01|11|01|11|01|00| 2.0

11|11|01|01|01|11|01|01|01|00|00|11|01|11|01|00| 1.0

10|10|10|10|00|11|01|00|11|01|11|11|01|11|01|00| 1.0

00|11|11|00|01|00|01|01|01|00|01|11|11|11|01|11| 1.0

00|00|11|00|00|00|01|11|01|00|01|11|11|11|01|00| 1.0

11|01|00|11|00|11|01|11|01|01|11|11|11|10|01|10| 0.0

Generation --> 631

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|11|10|10|10|01|01|11|01|01|11|00|11|01|00| 3.0

10|01|11|10|01|10|01|11|01|00|01|11|01|11|01|00| 3.0

00|10|10|11|00|11|11|10|01|01|01|00|01|11|01|00| 1.0

11|01|01|01|00|10|11|01|11|00|01|11|11|11|01|00| 1.0

00|10|11|10|10|11|01|10|11|01|11|10|01|11|01|00| 1.0

00|10|11|00|01|00|01|11|01|01|01|10|01|11|01|00| 1.0

01|01|00|11|00|11|01|11|01|01|11|11|11|11|01|00| 1.0

10|10|01|10|00|11|10|01|11|01|01|10|01|11|00|00| 0.0

00|00|11|00|00|00|01|11|01|00|01|11|11|01|01|00| 0.0

Generation --> 632

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|11|10|10|10|01|01|11|01|01|11|00|11|01|00| 3.0

10|10|01|10|00|11|10|01|11|00|01|01|11|11|01|00| 2.0

10|00|10|11|00|11|11|10|11|01|01|00|01|11|01|00| 1.0

01|01|11|01|00|10|10|01|01|01|11|01|11|11|01|00| 1.0

00|10|01|10|10|11|01|10|11|01|11|11|01|11|01|00| 1.0

01|01|00|10|00|11|01|10|01|01|11|11|11|11|01|00| 1.0

01|00|11|01|00|11|01|00|01|01|01|10|01|11|01|10| 1.0

10|01|01|10|01|10|01|11|01|01|01|11|01|10|01|00| 0.0

Generation --> 633

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|00|10|00|11|01|10|01|00|01|10|01|11|01|00| 8.0

00|10|00|10|00|11|01|10|11|01|01|11|01|11|01|00| 8.0

10|10|11|10|10|10|01|01|11|01|01|11|00|11|01|00| 3.0

01|00|10|00|00|11|01|10|01|01|01|10|01|11|01|00| 1.0

10|10|01|10|10|10|01|01|11|01|11|11|00|11|01|00| 1.0

01|01|11|01|10|10|10|01|01|01|11|11|11|11|01|00| 1.0

00|10|01|10|10|11|01|10|11|01|11|10|01|11|01|00| 1.0

10|00|10|11|00|11|11|10|11|01|01|00|01|11|11|00| 0.0

10|01|01|10|01|10|01|01|01|01|01|11|01|10|01|00| 0.0

Generation --> 634

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|11|10|10|11|01|01|10|01|01|10|01|11|01|00| 8.0

01|10|01|10|10|11|01|00|01|01|01|11|01|11|01|00| 8.0

10|10|01|10|10|10|01|11|11|01|01|10|01|11|01|00| 3.0

10|01|00|10|01|10|01|10|00|01|01|10|01|11|01|00| 3.0

00|10|11|10|10|10|00|01|11|01|01|11|00|11|01|00| 2.0

00|10|00|10|10|10|10|01|01|01|11|11|11|11|01|00| 1.0

01|00|10|00|00|11|01|10|01|01|01|10|11|11|01|00| 1.0

01|01|11|01|10|10|10|00|11|01|11|11|01|11|01|00| 1.0

10|00|10|11|00|11|01|10|01|01|01|10|01|11|01|00| 1.0

Generation --> 635

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|11|10|10|11|01|01|10|01|01|10|01|11|01|00| 8.0

11|11|11|10|10|11|01|01|10|01|01|10|00|11|01|00| 3.0

10|00|01|10|10|10|01|11|10|01|01|10|01|11|01|00| 3.0

10|01|00|10|01|10|01|10|00|01|01|10|01|11|01|00| 3.0

00|10|11|10|10|10|00|01|11|01|01|01|00|11|01|00| 2.0

00|10|00|10|10|10|10|01|01|01|01|11|01|11|01|00| 2.0

01|10|00|10|10|11|01|00|01|01|01|11|01|01|01|00| 0.0

01|01|11|01|00|10|10|00|11|01|11|11|01|11|00|01| 0.0

10|00|10|11|00|11|01|10|11|01|00|10|01|11|11|01| 0.0

Generation --> 636

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|11|10|10|11|01|01|10|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|00|11|10|10|11|01|01|10|01|01|10|01|11|01|00| 8.0

01|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|01|01|10|01|10|01|01|10|01|01|10|00|11|01|00| 3.0

00|10|00|11|00|11|01|10|10|01|01|10|01|11|01|00| 1.0

11|01|11|00|10|10|01|11|00|01|01|10|01|11|01|00| 1.0

10|00|01|10|10|10|01|10|01|01|01|10|01|01|01|00| 0.0

11|00|10|11|01|01|01|10|11|01|00|10|01|11|11|01| 0.0

Generation --> 637

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|10|10|10|11|01|01|10|11|01|10|01|11|01|00| 8.0

01|10|01|10|00|11|01|11|10|01|01|10|01|11|01|00| 8.0

01|01|11|10|10|11|01|01|10|01|01|10|01|11|01|00| 8.0

11|00|10|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|10|01|10|01|01|01|10|00|11|01|00| 3.0

10|10|01|10|10|10|01|10|01|01|01|10|01|11|01|00| 3.0

11|01|11|10|10|10|01|01|10|01|01|10|01|11|01|00| 3.0

00|00|01|10|10|11|01|01|10|01|00|10|01|11|01|01| 1.0

11|10|00|11|00|11|01|10|01|01|01|11|01|11|00|00| 0.0

Generation --> 638

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|01|10|00|11|01|11|10|00|01|10|01|11|01|00| 8.0

11|00|10|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|01|11|10|10|11|01|01|10|11|01|00|01|11|01|00| 8.0

01|00|11|10|10|11|01|01|10|01|01|00|01|11|01|00| 8.0

10|10|10|10|00|11|01|10|01|11|01|10|01|11|01|00| 8.0

10|10|00|10|00|10|01|10|01|01|01|10|11|11|01|00| 3.0

11|10|10|10|10|11|11|01|10|11|01|10|01|11|01|00| 2.0

00|01|11|11|10|11|01|01|10|01|01|10|01|11|01|00| 1.0

11|01|11|10|10|10|01|01|10|11|01|10|01|10|01|00| 0.0

Generation --> 639

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|01|10|00|11|01|11|00|01|01|11|01|11|01|00| 8.0

00|10|10|10|00|11|01|11|01|01|01|10|01|11|01|00| 8.0

11|11|11|10|10|10|01|00|01|11|01|10|01|11|01|00| 3.0

11|10|10|10|00|11|11|01|10|11|01|00|01|11|01|00| 2.0

11|01|11|11|10|11|01|01|10|11|01|00|01|11|01|00| 1.0

01|00|11|10|10|11|01|01|10|01|00|10|01|11|01|00| 1.0

10|10|00|10|00|11|01|11|10|00|00|10|01|11|01|10| 1.0

10|10|00|00|00|11|01|10|01|01|01|10|01|11|01|00| 1.0

11|00|10|10|10|11|01|01|10|11|01|00|01|11|11|10| 0.0

Generation --> 640

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|11|10|00|11|01|10|00|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|11|01|01|01|10|01|11|01|00| 8.0

01|10|11|10|10|10|01|00|11|01|01|10|00|11|01|00| 3.0

11|11|11|10|10|11|10|10|01|01|01|10|01|11|01|00| 2.0

01|00|01|11|10|11|00|11|00|01|01|11|11|11|01|00| 2.0

01|00|10|10|10|11|01|01|10|00|11|10|01|11|01|00| 1.0

10|10|00|10|10|11|01|10|01|01|01|10|01|11|11|00| 0.0

11|10|10|10|00|11|11|00|10|11|00|00|01|00|01|00| 0.0

11|01|11|10|11|11|01|00|10|11|01|00|01|11|11|00| 0.0

Generation --> 641

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|11|10|10|11|01|11|01|01|01|10|01|11|01|00| 8.0

01|00|11|10|10|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|10|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|00|11|10|11|11|01|00|10|01|01|10|01|11|01|00| 8.0

10|10|00|10|10|10|01|00|11|01|01|10|00|11|01|00| 3.0

11|11|11|10|10|11|10|11|00|01|01|11|11|11|01|00| 2.0

11|10|10|10|00|11|11|10|00|01|01|10|01|11|01|00| 2.0

01|10|11|10|00|11|01|11|01|01|11|10|01|11|01|00| 1.0

01|00|01|11|10|11|00|10|01|01|01|10|01|11|01|00| 1.0

Generation --> 642

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|11|10|10|11|01|11|01|01|01|10|01|11|01|00| 8.0

11|10|01|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|01|00|10|10|10|01|00|11|01|01|10|10|11|01|00| 3.0

01|00|11|10|10|11|10|10|01|01|01|10|01|11|01|00| 2.0

11|11|11|10|10|11|00|11|00|01|01|11|11|11|01|00| 2.0

11|00|10|10|00|11|11|10|00|11|01|10|01|11|01|00| 2.0

11|00|11|00|10|11|11|11|01|01|01|10|01|11|01|00| 1.0

01|10|11|00|00|10|01|11|01|00|11|10|01|11|01|00| 1.0

01|00|11|10|11|11|01|00|10|01|01|10|01|11|00|00| 0.0

Generation --> 643

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|11|10|11|11|01|11|01|01|01|10|01|11|01|00| 8.0

11|10|01|10|00|11|01|11|01|01|01|10|01|11|01|00| 8.0

01|10|11|10|10|11|01|11|01|01|01|10|01|11|01|01| 8.0

01|00|11|10|10|11|01|11|01|01|01|10|01|11|01|00| 8.0

11|00|11|10|00|01|01|00|01|01|01|10|00|11|01|00| 3.0

10|01|00|10|10|10|00|11|00|01|01|11|11|11|01|00| 2.0

11|11|11|10|10|11|00|11|00|01|01|10|01|11|01|00| 2.0

11|00|10|10|00|11|11|10|00|11|11|10|01|11|01|00| 1.0

11|11|11|10|10|11|00|11|00|11|01|11|11|11|00|00| 0.0

Generation --> 644

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|11|10|10|11|01|11|01|01|01|10|00|11|01|01| 3.0

10|00|11|10|00|01|01|00|01|01|01|10|01|11|01|00| 3.0

01|10|11|10|11|11|00|11|01|01|01|10|01|11|01|00| 2.0

10|01|00|10|10|10|00|11|00|01|01|10|01|11|01|00| 2.0

11|11|01|10|10|11|00|11|00|01|01|10|01|11|01|00| 2.0

10|01|00|10|10|11|00|11|01|01|01|11|11|11|01|00| 2.0

11|11|11|00|10|11|00|11|01|01|01|10|01|11|01|00| 1.0

01|00|10|10|00|11|01|10|01|01|01|10|01|11|00|00| 0.0

11|00|10|10|00|11|11|10|00|10|10|11|01|10|01|00| 0.0

Generation --> 645

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|00|11|10|00|01|01|00|01|01|01|10|01|11|01|00| 3.0

11|00|11|10|00|01|01|00|01|01|01|10|01|11|01|00| 3.0

01|10|11|10|10|10|00|11|00|01|01|10|01|11|01|00| 2.0

01|10|11|10|11|11|00|11|01|01|01|10|00|11|01|01| 2.0

11|01|11|00|11|11|00|11|01|01|01|10|01|11|01|01| 1.0

10|10|00|10|00|11|01|10|01|01|01|10|01|01|11|00| 0.0

01|10|10|10|00|01|01|00|01|01|01|10|01|01|01|00| 0.0

10|00|00|10|10|11|01|11|01|01|01|11|11|11|11|00| 0.0

11|00|10|10|00|11|11|11|00|10|10|11|11|11|00|00| 0.0

Generation --> 646

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|10|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|00|00|10|10|11|01|11|01|01|01|10|01|11|01|00| 8.0

11|00|11|10|00|01|01|00|00|00|01|10|01|11|01|00| 3.0

01|10|11|10|10|10|00|11|00|01|01|10|11|11|01|00| 2.0

11|00|10|10|00|11|11|11|00|01|01|10|01|11|01|10| 2.0

00|00|11|11|00|01|00|00|11|01|01|10|01|11|01|01| 1.0

01|00|11|10|10|10|00|11|00|01|00|10|00|11|01|00| 1.0

11|10|00|00|10|11|01|11|01|01|01|11|11|11|11|00| 0.0

01|11|10|10|00|01|01|00|01|01|01|10|01|01|01|00| 0.0

Generation --> 647

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|00|00|10|10|11|01|11|01|01|01|10|01|11|01|00| 8.0

01|11|10|10|00|11|01|10|01|01|01|10|11|11|01|00| 3.0

11|00|11|10|00|01|01|00|01|01|01|10|01|11|01|00| 3.0

10|10|00|10|00|11|00|10|01|01|01|10|01|11|01|00| 2.0

11|01|10|10|00|11|11|11|10|01|01|10|01|11|01|10| 2.0

01|00|11|10|10|10|10|11|00|01|01|00|01|11|01|01| 2.0

01|00|10|10|10|11|01|10|01|01|11|10|01|11|01|00| 1.0

00|10|10|11|00|11|01|10|01|01|01|10|01|11|01|00| 1.0

11|10|10|00|00|11|01|10|01|01|01|10|01|11|01|00| 1.0

Generation --> 648

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|11|10|10|00|11|01|01|11|01|01|10|11|11|01|10| 3.0

10|00|00|10|10|11|01|10|01|01|01|10|11|11|01|00| 3.0

11|01|10|10|01|11|11|11|10|01|01|10|01|11|01|10| 2.0

11|00|10|10|00|11|11|11|01|01|01|10|01|11|01|00| 2.0

01|00|01|10|10|10|10|11|00|01|01|00|01|11|01|00| 2.0

11|10|10|00|00|11|01|10|01|01|01|10|01|11|01|10| 1.0

10|10|01|10|00|11|01|10|01|01|01|10|01|11|11|00| 0.0

01|00|00|10|10|11|01|11|01|01|01|10|01|00|01|00| 0.0

10|10|00|11|00|11|01|11|01|01|01|10|01|10|01|00| 0.0

Generation --> 649

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|10|10|00|11|01|10|01|01|01|00|01|11|01|00| 8.0

10|10|01|10|00|11|01|10|01|01|01|10|11|11|01|00| 3.0

10|00|00|10|10|11|01|10|01|11|01|10|11|11|01|10| 3.0

10|00|00|10|10|11|01|10|01|01|01|10|11|11|01|00| 3.0

11|01|11|10|01|11|11|10|10|00|01|10|01|11|01|00| 2.0

11|00|10|10|01|11|10|10|10|01|01|10|01|11|01|10| 2.0

01|01|01|10|10|11|10|11|01|01|01|01|01|11|01|00| 2.0

01|00|00|00|01|11|01|01|11|01|01|10|11|11|01|11| 1.0

01|11|10|00|00|11|01|01|10|01|01|11|01|11|11|00| 0.0

Generation --> 650

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|10|10|00|11|01|10|01|01|01|00|01|11|01|00| 8.0

10|00|00|10|10|11|01|10|01|11|01|11|01|11|01|00| 8.0

10|10|00|10|00|11|00|10|01|00|01|10|01|10|01|00| 2.0

01|01|01|10|10|11|10|11|01|01|01|01|01|11|01|00| 2.0

10|00|00|10|10|11|01|11|01|01|11|10|11|11|01|00| 1.0

11|10|10|10|00|11|01|10|01|01|01|00|01|10|01|01| 0.0

10|10|01|10|00|11|11|10|01|01|01|10|11|10|00|00| 0.0

11|01|11|11|01|11|11|11|10|00|01|10|01|10|01|01| 0.0

01|11|10|00|00|11|01|01|10|01|01|11|01|11|11|00| 0.0

Generation --> 651

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|00|00|10|10|11|01|10|01|11|01|11|01|11|01|00| 8.0

01|01|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|00|00|10|10|11|01|10|01|11|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|10|10|01|00|01|10|01|11|01|00| 2.0

00|10|01|10|00|11|11|10|01|01|01|10|01|11|01|00| 2.0

11|10|10|10|00|11|01|00|01|01|01|00|01|10|01|00| 0.0

11|01|11|11|00|11|11|11|10|00|01|10|01|10|01|01| 0.0

01|11|10|00|00|10|01|01|10|01|01|11|00|10|11|00| 0.0

Generation --> 652

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|00|00|10|10|11|01|10|01|11|01|10|01|11|01|00| 8.0

01|01|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|00|00|10|10|11|01|10|01|11|01|10|01|11|01|00| 8.0

11|10|10|10|00|11|01|10|01|01|01|10|01|11|01|10| 8.0

10|00|00|10|10|01|01|10|01|11|01|11|11|11|01|00| 3.0

10|10|00|10|00|11|10|10|01|00|01|10|01|11|01|00| 2.0

11|01|11|11|01|11|11|11|10|00|01|10|01|11|01|00| 1.0

01|11|10|00|00|10|01|01|10|11|01|11|01|11|01|00| 1.0

10|00|00|10|10|11|01|10|01|11|01|10|01|01|01|00| 0.0

Generation --> 653

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|01|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|11|10|10|00|11|01|10|00|01|01|10|01|11|01|00| 8.0

10|10|00|10|11|11|01|10|01|11|01|11|01|11|01|00| 8.0

10|00|00|10|00|01|01|10|01|01|01|10|01|11|01|10| 3.0

10|00|00|10|10|11|11|10|01|11|01|10|01|11|01|00| 2.0

11|10|10|10|00|11|00|10|11|01|01|10|01|11|01|00| 2.0

10|10|00|10|00|11|10|10|01|00|11|10|01|11|01|10| 1.0

11|01|11|11|01|11|11|01|10|01|01|10|01|11|01|00| 1.0

10|00|10|10|10|11|01|10|01|11|01|10|01|11|11|00| 0.0

Generation --> 654

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|01|00|10|00|11|01|10|01|01|01|10|01|11|01|10| 8.0

10|00|00|10|11|11|01|10|01|11|01|11|01|11|01|00| 8.0

01|11|10|10|00|11|01|10|00|01|01|10|00|11|01|00| 3.0

10|10|00|10|00|01|01|10|01|01|01|10|01|11|01|00| 3.0

10|00|00|10|00|01|01|10|01|11|01|10|01|11|01|10| 3.0

10|10|00|00|00|11|01|10|01|01|01|10|00|11|01|00| 1.0

10|10|00|10|00|11|10|10|01|00|11|10|01|11|01|00| 1.0

01|01|11|11|01|11|11|01|10|01|01|10|01|11|01|01| 1.0

11|00|00|10|10|11|11|10|01|01|01|10|01|01|01|00| 0.0

Generation --> 655

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|01|00|10|00|11|01|10|01|11|01|10|01|11|01|00| 8.0

10|00|00|10|11|11|01|10|01|11|01|11|10|11|01|00| 3.0

10|00|00|10|00|01|01|10|01|11|01|10|01|11|01|10| 3.0

10|10|00|00|00|11|01|10|00|11|01|11|01|11|01|00| 1.0

10|10|00|10|00|11|10|10|00|00|11|10|01|11|01|10| 1.0

01|01|11|10|00|11|10|10|00|00|11|10|01|11|01|00| 1.0

10|00|00|10|00|11|01|10|01|01|01|10|01|01|01|11| 0.0

01|11|10|10|00|11|01|10|00|01|01|10|10|11|00|00| 0.0

11|00|00|10|10|10|11|10|01|01|01|10|01|01|01|00| 0.0

Generation --> 656

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|01|00|10|00|11|01|11|01|11|01|10|01|11|01|00| 8.0

01|01|00|10|01|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|00|00|10|00|11|01|00|01|11|01|10|01|11|01|00| 8.0

01|01|00|10|00|01|01|10|01|11|01|10|01|11|01|10| 3.0

10|00|00|10|11|11|11|10|01|11|01|11|10|11|01|00| 2.0

10|10|00|10|00|11|10|10|00|00|11|10|01|11|01|00| 1.0

10|00|01|10|00|01|10|10|00|00|11|10|01|11|01|10| 1.0

01|11|11|10|00|11|11|10|00|00|11|10|01|11|01|00| 1.0

01|11|10|10|00|11|11|10|00|01|00|10|10|11|00|00| 0.0

Generation --> 657

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|01|01|10|00|11|01|11|11|01|01|10|01|11|01|00| 8.0

10|00|01|10|00|11|01|00|01|11|01|10|01|11|01|00| 8.0

01|00|00|10|01|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|01|00|10|00|10|01|00|01|11|01|10|01|11|01|01| 3.0

10|00|00|10|11|11|11|10|01|11|11|11|10|11|01|00| 1.0

10|10|00|10|00|11|10|10|00|00|11|10|01|11|01|00| 1.0

10|00|01|10|00|01|10|10|00|00|11|10|01|11|01|10| 1.0

01|11|00|10|00|11|01|11|01|01|01|10|01|11|00|00| 0.0

01|10|10|10|00|11|11|10|00|01|00|10|10|11|00|00| 0.0

Generation --> 658

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|01|01|10|00|11|01|11|11|01|01|10|01|11|01|00| 8.0

10|00|01|10|00|11|01|00|01|01|01|10|01|11|01|00| 8.0

01|00|00|10|01|11|01|10|01|00|01|10|01|11|01|00| 8.0

01|11|00|10|01|11|01|10|01|01|01|11|01|11|01|00| 8.0

11|01|00|10|00|11|01|11|11|01|00|10|01|11|01|00| 1.0

01|01|00|10|00|10|01|00|01|11|00|10|01|11|01|01| 1.0

10|00|00|10|11|11|11|10|11|00|11|10|01|11|01|10| 1.0

10|00|01|10|00|01|11|10|00|00|11|10|01|11|01|01| 1.0

10|10|10|10|00|11|10|10|00|00|11|10|01|11|11|00| 0.0

Generation --> 659

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|00|01|10|00|11|01|00|01|01|01|10|01|11|01|01| 8.0

11|00|00|10|01|11|01|11|01|01|01|10|01|11|01|00| 8.0

11|01|11|10|01|11|01|11|11|01|01|10|01|11|01|00| 8.0

11|01|01|10|00|01|01|01|11|01|01|10|01|11|01|00| 3.0

10|10|10|10|00|10|10|10|01|00|01|10|01|11|01|00| 2.0

01|00|00|10|01|10|01|10|11|00|11|11|01|11|01|00| 1.0

01|01|00|10|00|10|01|00|01|11|00|10|01|11|01|01| 1.0

10|00|11|00|00|11|11|10|00|00|11|00|11|11|01|00| 1.0

01|11|01|10|00|01|01|00|01|01|01|10|01|11|00|00| 0.0

Generation --> 660

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|00|01|10|00|11|01|00|01|01|01|10|01|11|01|00| 8.0

11|01|11|10|01|11|01|11|11|01|01|10|01|11|01|10| 8.0

10|01|01|10|00|11|01|00|01|01|01|10|01|11|01|01| 8.0

01|00|00|10|01|10|01|10|11|01|01|10|01|11|01|01| 3.0

01|01|00|10|00|10|01|00|01|01|01|10|01|11|01|01| 3.0

01|01|01|10|00|11|11|10|01|01|01|10|01|11|01|10| 2.0

11|11|01|10|00|01|00|01|00|01|01|10|01|11|01|00| 2.0

10|10|10|10|00|11|01|00|01|01|01|11|01|11|00|01| 0.0

00|11|00|11|00|01|01|00|01|01|01|10|11|11|11|00| 0.0

Generation --> 661

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|01|11|10|01|11|01|11|11|01|01|10|01|11|01|10| 8.0

10|01|01|10|00|11|01|00|01|11|01|10|01|11|01|11| 8.0

01|01|00|10|01|11|01|11|11|01|01|10|01|11|01|10| 8.0

10|10|00|10|00|11|01|00|01|01|01|11|01|11|01|00| 8.0

00|11|01|10|00|11|01|00|01|00|01|10|01|11|01|01| 8.0

10|00|01|10|00|11|01|00|00|01|01|10|00|11|01|01| 3.0

01|01|01|10|01|11|00|00|01|01|01|10|01|11|01|01| 2.0

11|11|01|10|00|01|00|01|10|01|01|10|01|11|01|00| 2.0

01|01|11|10|01|11|01|11|11|01|01|10|01|01|11|10| 0.0

Generation --> 662

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|00|00|10|00|11|01|00|01|01|01|11|01|11|01|00| 8.0

01|01|00|10|01|11|01|11|11|01|01|10|01|11|01|10| 8.0

10|00|01|10|00|11|01|10|00|01|01|10|01|11|01|00| 8.0

01|01|11|10|00|11|01|00|01|00|01|10|01|11|01|00| 8.0

10|00|01|10|00|10|01|00|01|11|01|10|01|11|01|11| 3.0

10|10|00|10|00|11|01|01|01|01|01|11|01|00|01|00| 0.0

00|11|01|10|00|11|01|00|01|11|01|10|01|10|01|11| 0.0

11|11|01|10|00|11|01|00|01|01|01|10|01|11|11|00| 0.0

01|01|11|10|01|11|01|11|11|01|01|01|01|01|11|10| 0.0

Generation --> 663

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|00|00|10|01|11|01|11|11|01|01|10|01|11|01|10| 8.0

10|01|01|10|01|11|01|10|00|01|01|10|01|11|01|11| 8.0

01|01|10|10|00|11|01|00|01|00|01|10|01|11|01|00| 8.0

11|10|00|10|00|11|01|01|01|01|01|10|01|11|01|10| 8.0

01|01|00|10|01|01|01|11|11|00|01|10|01|11|01|10| 3.0

01|00|11|10|01|01|01|11|01|00|01|10|11|11|01|00| 3.0

00|00|00|10|00|11|10|00|01|01|01|11|01|11|01|00| 2.0

11|11|01|10|01|11|01|11|11|01|00|10|01|11|01|10| 1.0

00|11|01|10|00|10|01|00|01|10|01|10|00|10|00|11| 0.0

Generation --> 664

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|01|10|10|00|11|01|00|01|00|01|10|01|11|01|00| 8.0

01|01|10|10|00|11|01|00|01|00|01|10|01|11|01|11| 8.0

11|10|00|10|00|11|01|01|01|01|01|10|01|11|01|11| 8.0

00|00|00|10|00|11|01|00|01|00|01|10|01|11|01|00| 8.0

11|01|01|10|01|11|11|10|01|01|01|10|01|11|01|00| 2.0

01|00|00|00|00|11|01|10|01|01|01|10|01|11|01|00| 1.0

10|11|01|11|01|11|01|10|11|01|00|10|01|11|01|10| 1.0

00|11|01|10|00|11|01|01|01|01|01|10|01|10|01|10| 0.0

11|01|00|11|01|01|01|11|11|01|01|10|01|11|11|10| 0.0

Generation --> 665

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|00|10|10|00|11|01|00|01|00|01|10|01|11|01|00| 8.0

10|01|10|10|00|11|01|00|01|10|01|10|01|11|01|00| 8.0

11|00|01|10|01|01|11|10|01|01|01|10|01|11|01|11| 2.0

01|01|00|00|00|11|10|00|01|00|01|10|01|11|01|11| 1.0

11|10|00|10|00|11|01|01|01|00|11|10|00|11|01|11| 1.0

01|00|01|00|00|01|01|10|01|01|01|10|01|11|01|00| 1.0

11|01|00|11|00|11|01|00|00|00|01|10|01|11|01|00| 1.0

10|01|10|10|00|11|01|00|01|00|01|10|01|11|10|11| 0.0

01|11|01|10|00|11|01|01|01|01|01|00|01|01|01|11| 0.0

Generation --> 666

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|00|00|10|00|11|01|00|00|00|01|10|01|11|01|00| 8.0

11|00|01|11|01|01|01|00|01|10|01|10|01|11|01|01| 1.0

01|01|00|00|00|11|10|00|01|00|01|10|01|11|01|00| 1.0

11|10|00|10|00|11|01|00|01|00|11|10|00|11|01|11| 1.0

01|01|01|00|00|01|01|10|01|01|01|10|01|11|01|00| 1.0

10|01|10|10|00|11|11|00|01|10|01|10|01|11|11|00| 0.0

11|01|00|10|00|10|01|00|00|00|01|11|01|10|11|00| 0.0

10|01|10|10|00|11|01|00|01|00|01|10|01|11|10|11| 0.0

01|11|01|10|00|11|01|01|01|01|01|00|01|01|01|00| 0.0

Generation --> 667

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|01|01|10|00|11|01|00|00|01|01|10|01|11|01|00| 8.0

10|01|10|10|00|11|01|00|01|00|01|10|01|11|01|00| 8.0

01|00|00|10|00|10|01|10|01|01|01|10|01|11|01|00| 3.0

11|00|00|10|00|10|01|00|00|01|01|10|01|11|01|00| 3.0

11|10|00|10|00|11|11|00|00|00|01|10|11|11|01|00| 2.0

00|11|01|00|01|11|01|10|01|01|01|10|01|11|01|00| 1.0

10|00|01|11|00|01|01|00|01|00|01|10|01|11|01|00| 1.0

01|01|01|00|00|01|01|10|01|01|00|10|01|11|01|00| 1.0

10|01|10|10|00|11|10|00|01|10|01|10|01|11|11|00| 0.0

Generation --> 668

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|01|01|10|00|11|01|00|00|01|01|10|01|11|01|00| 8.0

10|11|10|10|00|11|01|10|01|00|01|10|01|11|01|00| 8.0

01|00|00|10|00|11|01|00|01|00|01|10|01|11|01|10| 8.0

11|00|00|10|01|10|01|00|00|01|01|10|01|11|01|00| 3.0

10|00|11|10|10|11|00|00|00|01|01|10|01|11|01|00| 2.0

11|00|00|10|01|11|11|00|00|00|01|10|01|11|01|00| 2.0

10|01|10|10|10|11|10|00|01|10|01|10|01|11|01|00| 2.0

00|11|01|00|01|11|00|10|01|01|01|10|01|11|01|00| 1.0

01|00|01|00|00|01|01|00|01|00|01|10|01|11|01|00| 1.0

Generation --> 669

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|11|10|10|00|11|01|10|11|01|01|10|01|11|01|00| 8.0

01|00|00|10|00|11|01|00|01|01|01|10|01|11|01|10| 8.0

00|10|00|10|00|11|01|10|01|01|01|10|00|11|01|00| 3.0

00|01|00|10|01|11|11|00|00|00|01|10|01|11|01|00| 2.0

10|00|11|10|10|11|00|00|00|01|01|10|01|11|01|01| 2.0

11|00|00|10|01|11|11|00|00|00|01|10|01|11|01|00| 2.0

10|01|10|10|00|01|01|00|01|01|11|10|01|11|01|00| 1.0

01|00|01|00|00|01|01|00|01|00|01|10|01|11|01|01| 1.0

11|00|00|10|01|10|01|00|00|01|01|10|01|10|01|00| 0.0

Generation --> 670

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|01|10|10|01|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|01|00|10|00|11|01|10|11|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|00|11|10|00|11|01|10|01|01|01|10|11|11|01|00| 3.0

00|10|00|10|00|11|01|10|01|01|01|10|00|11|01|00| 3.0

10|01|10|10|00|01|01|00|01|01|01|10|01|11|01|10| 3.0

01|00|01|00|00|01|01|00|01|00|01|10|01|11|01|00| 1.0

11|00|00|10|00|11|01|00|01|01|01|11|01|01|01|10| 0.0

01|01|00|10|01|11|11|00|00|00|01|10|01|11|00|00| 0.0

Generation --> 671

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|01|10|10|01|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|01|00|10|00|11|01|00|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|01|10|10|00|01|01|00|01|01|01|10|01|11|01|00| 3.0

11|00|11|10|00|11|11|10|01|01|01|10|01|11|01|10| 2.0

00|10|11|10|00|11|00|10|01|01|01|10|11|11|01|00| 2.0

01|00|01|00|00|01|01|00|11|00|01|10|01|11|01|01| 1.0

11|00|00|10|00|11|01|00|11|01|01|10|11|11|00|00| 0.0

01|01|00|10|00|11|01|10|11|01|01|11|01|11|11|00| 0.0

Generation --> 672

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|01|00|10|00|11|01|00|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|10|01|00|01|10|01|11|01|01| 8.0

11|00|00|10|10|11|01|10|00|01|01|10|01|11|01|00| 8.0

01|01|00|10|00|11|01|10|11|01|01|10|01|11|01|00| 8.0

00|10|11|11|00|11|00|10|01|01|01|10|11|11|01|00| 2.0

11|00|11|00|01|11|11|10|01|01|01|10|01|11|01|10| 1.0

10|01|10|10|00|01|01|00|00|01|01|10|11|10|01|00| 0.0

01|00|01|00|00|01|01|00|11|00|01|00|00|11|11|00| 0.0

Generation --> 673

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|01|00|10|00|11|01|10|01|01|01|10|01|11|01|10| 8.0

11|00|00|10|10|11|01|10|00|01|01|00|01|11|01|00| 8.0

01|01|10|10|00|11|01|10|01|00|01|10|01|11|01|01| 8.0

00|01|00|10|00|11|01|10|11|11|01|10|01|11|01|00| 8.0

01|01|00|10|00|11|01|10|11|01|01|10|01|11|01|00| 8.0

01|01|00|10|00|11|01|00|01|01|01|11|01|11|01|00| 8.0

10|01|10|10|00|01|11|10|11|01|01|00|01|11|01|10| 2.0

10|10|00|10|11|11|01|10|01|01|00|10|01|11|01|00| 1.0

10|10|00|10|00|11|01|10|00|00|01|10|01|01|01|00| 0.0

Generation --> 674

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|01|00|10|00|11|01|10|01|01|01|10|01|11|01|10| 8.0

00|01|00|10|00|11|01|10|11|11|01|10|01|11|01|00| 8.0

11|01|00|10|00|11|01|10|00|01|01|00|01|11|01|00| 8.0

10|10|00|10|00|11|01|10|00|00|01|10|01|11|01|10| 8.0

01|01|10|10|00|01|01|10|01|00|01|10|01|11|01|01| 3.0

01|01|00|10|00|10|01|00|01|01|01|10|01|11|01|00| 3.0

11|10|00|10|10|11|11|10|01|01|01|10|01|11|01|01| 2.0

10|01|10|10|00|01|11|10|11|01|01|00|01|11|01|10| 2.0

10|00|00|11|11|11|01|10|00|00|01|00|01|11|00|00| 0.0

Generation --> 675

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|11|00|10|00|11|01|10|11|11|01|10|01|10|01|00| 8.0

00|01|00|10|00|11|01|10|11|11|01|10|01|11|01|00| 8.0

00|01|00|10|00|11|01|10|01|11|01|10|01|11|01|00| 8.0

10|11|00|10|11|11|01|10|00|00|01|10|01|11|01|10| 8.0

11|10|00|10|10|11|11|10|01|01|01|10|01|11|01|11| 2.0

01|01|01|10|00|11|01|10|11|11|00|10|01|11|01|00| 1.0

00|01|00|10|00|11|01|10|11|11|00|10|01|11|01|00| 1.0

01|01|10|10|00|01|01|10|01|00|11|10|01|11|01|00| 1.0

10|01|10|10|00|01|11|10|11|01|11|00|01|01|11|10| 0.0

Generation --> 676

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|11|00|10|00|11|01|10|11|11|01|10|01|10|01|10| 8.0

00|01|00|10|11|11|01|10|00|00|01|10|01|11|01|10| 8.0

11|10|00|10|10|11|01|10|00|00|01|10|11|11|01|10| 3.0

01|01|01|10|00|11|01|10|11|11|00|10|01|11|01|00| 1.0

01|01|10|10|10|01|11|10|01|00|11|10|01|11|01|00| 1.0

00|01|00|10|00|11|01|10|11|11|01|10|01|01|01|00| 0.0

10|11|00|10|11|11|01|10|00|00|01|11|01|10|01|00| 0.0

00|01|00|10|10|11|01|00|11|11|01|10|01|10|11|00| 0.0

10|01|10|10|00|01|11|00|11|01|11|00|01|01|01|10| 0.0

Generation --> 677

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|11|00|10|00|11|01|10|11|11|01|10|01|10|01|10| 8.0

01|01|11|10|00|11|00|10|11|11|01|10|01|10|01|10| 2.0

01|01|10|10|10|01|11|10|01|00|11|11|01|11|01|10| 1.0

00|01|00|10|11|11|01|10|00|00|01|10|01|10|11|10| 0.0

11|10|00|10|10|11|01|00|00|00|01|10|01|11|11|01| 0.0

00|01|00|10|00|11|01|10|01|11|01|10|01|00|01|10| 0.0

10|11|01|10|00|11|01|10|10|11|00|10|01|01|01|00| 0.0

00|01|00|10|11|11|01|00|10|11|01|10|01|10|11|00| 0.0

10|01|10|10|00|01|11|00|11|11|01|10|01|10|01|10| 0.0

Generation --> 678

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|01|10|10|11|01|00|00|00|01|10|01|11|01|00| 8.0

10|11|01|10|00|11|01|10|11|11|01|10|01|11|01|00| 8.0

00|01|00|10|11|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|01|00|10|10|01|11|10|11|11|01|10|01|10|01|10| 2.0

10|11|00|00|00|11|01|10|11|11|00|10|01|10|00|10| 0.0

00|01|00|10|00|11|01|10|01|01|01|10|01|01|01|00| 0.0

01|01|11|10|00|11|01|10|00|00|11|10|01|10|11|10| 0.0

00|01|00|10|00|11|01|10|01|11|01|10|11|00|01|10| 0.0

10|11|10|10|11|11|01|00|10|11|01|10|01|10|11|00| 0.0

Generation --> 679

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|01|10|10|11|01|00|00|00|01|10|01|11|01|01| 8.0

10|01|00|10|11|11|01|10|01|11|01|00|01|11|01|00| 8.0

00|01|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|11|11|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|11|10|10|10|11|11|10|11|11|01|10|01|11|01|00| 2.0

11|01|00|10|00|01|10|10|10|00|01|10|01|11|01|00| 2.0

00|01|00|11|00|11|01|00|00|10|01|10|01|11|01|00| 1.0

10|10|00|00|00|11|11|10|10|11|11|10|01|10|01|00| 1.0

01|01|11|10|00|11|01|10|00|00|11|10|01|10|11|10| 0.0

Generation --> 680

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|11|01|10|10|11|01|00|00|00|01|10|01|11|01|01| 8.0

10|01|00|10|11|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|01|00|10|00|11|01|10|00|00|01|10|01|11|01|01| 8.0

10|11|10|10|10|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|01|11|10|00|11|01|11|00|01|01|00|01|11|01|00| 8.0

00|11|10|10|10|11|11|10|01|01|01|00|01|11|01|00| 2.0

11|01|00|10|00|01|10|10|10|00|01|10|01|11|01|10| 2.0

00|01|10|11|00|11|01|00|01|10|01|10|01|11|01|00| 1.0

00|10|00|00|00|11|11|10|10|11|11|10|01|11|01|00| 1.0

Generation --> 681

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|01|11|10|00|11|01|11|00|01|01|00|01|11|01|00| 8.0

11|10|11|10|10|11|01|00|00|00|01|10|01|11|01|01| 8.0

10|01|10|10|00|11|01|00|00|00|01|10|01|11|01|01| 8.0

10|01|00|00|11|11|01|00|00|00|01|10|01|11|01|01| 1.0

01|01|00|11|00|11|01|10|00|00|01|10|00|11|01|00| 1.0

00|10|00|00|01|11|11|10|10|11|11|10|01|11|01|00| 1.0

11|11|11|10|10|11|01|00|00|00|01|10|00|01|01|01| 0.0

11|11|01|11|10|11|01|00|00|00|01|10|01|11|11|01| 0.0

00|11|10|10|10|11|11|10|01|01|01|00|01|11|00|00| 0.0

Generation --> 682

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|01|11|10|00|11|01|11|00|01|01|00|01|11|01|00| 8.0

10|11|10|10|00|11|01|00|00|00|01|10|01|11|01|01| 8.0

11|11|11|10|10|11|01|00|10|00|01|10|01|11|01|01| 8.0

10|10|10|10|00|11|01|10|11|00|01|10|01|11|01|00| 8.0

11|10|11|10|10|01|01|00|00|00|01|10|01|11|01|01| 3.0

00|11|10|10|11|11|11|10|01|01|01|00|01|11|01|00| 2.0

10|01|01|00|11|11|11|00|00|00|01|10|01|11|01|00| 1.0

01|01|00|11|00|11|01|00|00|11|01|10|01|11|01|00| 1.0

00|10|00|00|01|11|11|11|10|10|01|10|01|11|01|01| 1.0

Generation --> 683

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|11|10|10|00|11|01|00|10|00|01|10|01|11|01|01| 8.0

10|01|11|10|00|10|01|00|10|00|01|10|01|11|01|01| 3.0

10|10|10|10|00|10|01|10|11|00|01|10|01|10|01|00| 3.0

11|10|11|10|10|00|01|00|00|00|01|10|01|11|01|01| 3.0

11|11|11|10|10|11|11|00|10|01|01|10|01|11|01|00| 2.0

01|01|11|10|00|11|01|11|00|01|00|00|01|11|01|10| 1.0

10|10|10|10|00|11|01|10|11|00|00|10|00|11|01|00| 1.0

10|01|01|00|11|11|11|00|01|00|01|10|01|11|01|00| 1.0

00|10|00|00|01|11|11|11|10|10|01|10|01|11|01|01| 1.0

Generation --> 684

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|11|10|10|00|11|01|00|10|00|01|10|01|11|01|01| 8.0

10|01|11|10|00|10|01|01|00|00|01|10|11|11|01|01| 3.0

11|10|11|10|11|00|01|01|00|00|01|10|11|11|01|01| 3.0

11|11|11|10|10|11|11|00|10|01|01|10|01|11|01|00| 2.0

01|01|11|10|00|11|01|11|00|01|00|00|01|11|01|10| 1.0

10|01|01|00|11|01|11|00|00|00|01|10|01|11|01|01| 1.0

01|10|00|00|01|11|11|10|01|10|01|10|01|11|01|00| 1.0

10|10|10|10|00|11|01|10|11|00|01|00|01|10|01|00| 0.0

10|10|10|10|01|10|01|00|11|00|01|10|01|10|01|00| 0.0

Generation --> 685

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|10|10|00|11|01|10|11|00|01|00|01|11|01|00| 8.0

01|01|11|10|00|10|01|10|01|01|01|10|01|11|01|01| 3.0

10|11|11|10|00|10|01|01|00|10|01|10|01|11|01|01| 3.0

10|10|10|10|01|10|01|00|11|01|01|10|11|11|01|01| 3.0

10|01|01|00|11|01|11|00|00|00|01|10|01|11|01|01| 1.0

01|10|00|00|01|11|11|10|01|10|01|10|01|11|01|00| 1.0

10|11|10|10|00|11|01|00|10|10|01|10|01|10|01|01| 0.0

11|11|11|10|10|11|11|00|11|01|01|10|01|01|01|01| 0.0

Generation --> 686

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|10|10|00|11|01|10|11|00|01|00|01|11|01|00| 8.0

10|10|10|10|00|10|01|10|11|00|01|10|11|11|01|00| 3.0

10|11|11|10|00|10|01|01|00|10|01|10|01|11|01|00| 3.0

11|11|10|10|01|10|01|00|11|01|01|10|11|11|01|00| 3.0

01|01|11|11|00|10|01|10|01|01|01|10|01|11|01|00| 1.0

11|10|11|10|10|11|11|01|01|01|11|10|01|11|01|00| 1.0

10|01|01|00|11|01|11|00|00|10|01|10|01|11|01|10| 1.0

01|10|00|00|01|11|01|10|01|10|01|10|01|11|01|00| 1.0

Generation --> 687

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|10|11|00|01|00|01|11|01|00| 8.0

10|10|10|10|00|11|01|10|11|00|01|00|00|11|01|00| 3.0

10|10|10|10|00|10|01|10|11|01|01|10|01|11|01|00| 3.0

00|11|11|10|00|10|00|01|00|10|01|10|01|11|01|01| 2.0

10|01|01|00|11|01|11|00|01|01|01|10|01|11|01|00| 1.0

01|10|01|00|01|11|01|10|00|10|01|10|11|11|01|00| 1.0

10|10|10|10|00|11|01|10|11|00|01|10|01|01|01|00| 0.0

11|00|11|00|00|11|01|10|01|01|01|10|01|11|00|00| 0.0

01|01|11|11|00|10|01|10|01|01|01|00|01|11|11|00| 0.0

Generation --> 688

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|11|10|10|00|11|01|10|11|00|01|00|00|11|01|00| 3.0

10|11|11|10|00|10|01|10|01|01|11|10|01|11|01|00| 1.0

01|01|11|01|00|10|01|10|11|01|01|10|11|11|01|00| 1.0

01|10|01|00|01|11|01|10|00|10|01|10|01|11|01|00| 1.0

11|00|11|00|00|11|11|10|01|01|01|10|01|11|01|00| 1.0

10|10|10|10|00|11|00|10|11|00|01|00|01|01|01|00| 0.0

10|10|10|11|00|11|01|10|11|00|01|10|11|01|01|00| 0.0

10|11|01|00|11|01|11|00|01|01|01|11|01|10|01|00| 0.0

Generation --> 689

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|00|00|01|01|11|01|11|01|00| 8.0

10|10|10|11|00|11|00|11|11|10|01|10|01|11|01|00| 1.0

01|10|01|00|01|11|01|11|00|11|01|00|01|11|01|00| 1.0

11|00|11|00|00|11|11|10|01|01|01|10|01|11|01|00| 1.0

10|10|10|11|00|11|01|10|00|00|01|00|00|11|01|00| 1.0

01|00|00|10|01|11|01|10|01|01|01|10|01|11|00|00| 0.0

00|11|10|10|00|11|01|10|11|00|01|00|00|11|00|00| 0.0

10|11|11|10|00|10|01|10|01|11|11|10|01|01|01|00| 0.0

10|11|01|00|11|01|11|00|01|01|01|11|01|10|01|00| 0.0

Generation --> 690

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|11|11|10|01|11|01|10|11|01|01|00|00|11|01|00| 3.0

10|10|00|10|00|11|00|10|00|01|01|10|01|11|01|00| 2.0

10|00|10|11|00|11|00|11|11|10|01|10|01|11|01|00| 1.0

00|10|01|00|01|11|11|10|01|01|01|10|01|11|01|10| 1.0

11|00|11|00|00|11|11|10|01|01|01|10|01|11|01|00| 1.0

10|11|11|10|00|10|01|10|01|11|11|10|01|11|01|00| 1.0

10|10|10|11|00|11|01|10|10|00|01|00|00|01|01|00| 0.0

00|11|01|00|11|01|11|00|01|01|01|11|01|00|01|00| 0.0

Generation --> 691

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|10|10|00|11|01|10|01|01|01|00|01|11|01|00| 8.0

10|11|11|10|01|10|11|10|01|01|01|10|11|11|01|10| 2.0

10|10|10|11|00|11|00|11|10|10|01|10|11|11|01|10| 2.0

00|10|01|00|11|11|11|10|01|01|01|00|01|11|01|10| 1.0

11|00|11|00|00|11|11|10|01|01|01|10|00|11|01|00| 1.0

10|10|10|11|01|11|01|10|11|11|00|10|00|11|01|00| 1.0

00|11|01|00|11|01|11|00|01|01|01|11|01|11|01|00| 1.0

00|11|11|10|00|11|01|10|11|01|01|00|00|11|00|01| 0.0

10|10|00|10|00|11|00|10|00|01|01|01|01|11|00|00| 0.0

Generation --> 692

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|10|10|00|11|01|10|01|01|01|00|01|11|01|00| 8.0

00|11|01|10|00|11|01|10|01|01|01|10|00|11|01|00| 3.0

10|11|11|10|01|10|11|10|01|01|01|10|11|11|01|10| 2.0

10|10|00|10|10|11|00|10|00|01|01|01|01|11|01|00| 2.0

10|10|10|11|10|11|01|10|01|01|01|10|01|11|01|00| 1.0

00|10|01|00|10|11|11|10|01|01|01|10|01|11|01|00| 1.0

11|00|11|00|00|11|11|10|01|01|01|00|00|11|01|10| 1.0

10|11|10|11|01|11|11|10|11|11|01|10|01|11|01|00| 1.0

10|11|11|10|00|11|11|10|01|01|01|00|00|11|00|01| 0.0

Generation --> 693

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|10|10|00|11|01|10|01|01|01|00|01|11|01|00| 8.0

00|11|01|10|00|11|01|10|01|01|01|10|00|11|01|10| 3.0

10|10|10|10|00|10|01|10|01|01|01|10|01|11|01|00| 3.0

10|11|10|10|01|10|11|10|00|01|01|00|11|11|01|00| 2.0

10|11|11|10|00|11|11|10|01|01|01|10|00|11|01|00| 2.0

10|10|11|11|10|11|01|10|01|01|01|10|00|11|01|00| 1.0

00|10|01|00|10|11|00|00|00|01|01|01|01|11|01|00| 1.0

11|00|01|00|00|11|01|10|01|01|11|00|00|11|01|10| 1.0

10|11|10|11|01|11|11|11|11|11|01|10|01|11|01|00| 1.0

Generation --> 694

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|11|10|10|00|10|11|10|00|01|01|10|01|11|01|00| 2.0

00|11|01|11|00|11|01|10|01|01|01|10|01|11|01|00| 1.0

10|10|10|10|00|00|01|10|11|01|00|10|01|11|01|00| 1.0

11|10|11|11|10|11|01|10|01|11|01|10|01|11|01|00| 1.0

00|10|01|00|10|11|00|00|00|01|01|01|01|11|01|01| 1.0

10|11|10|01|01|11|11|11|11|01|01|10|01|11|01|00| 1.0

00|10|10|10|00|11|01|10|01|01|01|00|01|10|01|00| 0.0

11|00|01|01|00|11|00|10|01|01|11|00|01|10|01|00| 0.0

Generation --> 695

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|10|10|01|11|01|11|00|01|01|00|01|11|01|00| 8.0

10|10|00|10|00|11|00|10|00|01|01|10|01|11|01|00| 2.0

10|10|00|10|00|11|00|10|01|01|01|10|01|11|01|01| 2.0

10|11|10|10|10|10|01|10|01|11|00|10|01|11|01|00| 1.0

00|11|10|10|01|10|11|11|00|01|11|10|01|11|01|00| 1.0

11|00|11|11|10|11|01|10|01|01|01|10|00|11|01|00| 1.0

00|10|01|00|10|10|11|10|00|01|01|01|01|11|01|00| 1.0

10|11|00|01|01|11|11|11|11|01|01|10|01|10|01|00| 0.0

01|00|00|00|00|11|00|10|01|01|01|00|01|10|01|00| 0.0

Generation --> 696

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|10|00|01|01|10|01|11|01|00| 8.0

00|10|10|10|01|11|01|11|00|01|01|00|11|11|01|00| 3.0

10|10|00|11|10|10|01|10|01|11|00|10|11|11|01|00| 1.0

10|11|10|10|00|10|01|10|01|01|00|10|01|10|01|00| 1.0

00|11|10|10|11|10|11|11|00|01|11|10|00|11|01|00| 1.0

00|10|01|00|10|10|11|10|00|01|01|01|01|11|01|00| 1.0

10|10|00|01|01|11|01|10|01|01|01|10|01|11|01|00| 1.0

01|00|10|00|00|11|00|10|01|01|11|10|01|11|01|00| 1.0

10|10|10|10|01|01|01|11|00|01|01|10|01|01|01|00| 0.0

Generation --> 697

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|11|10|10|00|11|10|10|00|01|01|10|01|11|01|00| 2.0

10|10|10|10|01|11|01|11|00|01|00|00|11|11|01|00| 1.0

00|11|10|10|11|10|11|10|00|01|11|11|00|11|01|00| 1.0

10|10|00|11|10|10|01|10|01|11|01|00|11|11|01|00| 1.0

00|10|01|00|10|10|11|10|00|01|01|10|00|11|01|00| 1.0

10|10|00|01|00|11|01|01|01|01|01|11|01|11|01|00| 1.0

01|00|10|00|00|11|00|10|01|01|01|10|01|11|01|00| 1.0

10|11|10|10|00|10|01|10|01|01|01|10|00|01|01|00| 0.0

10|10|10|10|01|01|01|11|00|01|11|10|01|01|01|00| 0.0

Generation --> 698

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|10|10|01|11|01|11|00|01|01|00|11|11|01|00| 3.0

10|01|10|10|00|10|01|00|01|01|01|10|01|11|01|00| 3.0

00|11|10|10|00|11|10|10|00|01|01|10|01|11|01|00| 2.0

00|10|00|00|00|11|10|10|00|01|01|10|01|11|01|00| 1.0

11|00|10|00|00|10|01|10|01|01|01|10|01|11|01|00| 1.0

01|00|10|00|00|11|00|10|01|01|01|10|01|11|01|00| 1.0

10|10|10|10|01|01|11|11|00|01|11|10|00|11|01|00| 1.0

00|11|10|10|11|10|11|10|00|01|11|11|00|01|01|00| 0.0

10|10|00|11|10|10|01|10|01|11|01|00|11|11|00|00| 0.0

Generation --> 699

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|11|10|10|01|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|00|10|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|11|01|11|01|11|00|01|01|00|11|11|01|10| 3.0

00|10|10|10|01|11|11|11|00|01|01|10|10|11|01|00| 2.0

00|10|10|10|10|10|11|11|00|01|01|00|11|11|01|00| 2.0

10|00|10|00|00|10|01|10|00|01|11|10|01|11|01|00| 1.0

00|10|00|00|00|11|10|10|10|01|01|10|01|10|01|00| 1.0

11|00|10|00|00|10|01|10|01|01|11|00|01|11|01|00| 1.0

10|10|10|10|01|01|11|11|00|00|11|11|01|01|01|00| 0.0

Generation --> 700

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|10|10|01|01|10|11|00|01|01|10|01|11|01|00| 2.0

00|10|10|00|00|11|01|10|01|01|01|10|01|11|01|00| 1.0

00|10|10|10|01|11|11|11|00|01|11|10|11|11|01|00| 1.0

00|10|00|11|00|11|01|10|01|01|01|10|01|11|01|00| 1.0

10|00|10|00|10|10|11|11|00|01|01|00|11|11|01|00| 1.0

00|10|10|00|00|11|01|10|11|01|01|10|01|11|01|00| 1.0

11|00|10|00|00|11|01|10|01|01|10|00|01|11|01|00| 1.0

00|11|10|10|01|01|01|10|01|11|01|11|01|01|00|00| 0.0

00|00|10|11|00|10|01|10|01|01|01|10|11|11|00|10| 0.0

Generation --> 701

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|00|10|01|11|01|10|01|00|01|00|01|11|01|00| 8.0

00|10|10|10|11|01|10|01|00|01|01|10|01|11|01|00| 2.0

00|10|10|00|00|11|01|10|11|00|01|10|01|11|01|00| 1.0

10|10|10|00|10|11|01|00|01|01|01|10|01|11|01|00| 1.0

00|10|10|00|00|11|01|10|11|01|01|00|11|11|01|01| 1.0

01|00|10|00|00|11|11|10|01|01|01|10|01|11|01|00| 1.0

00|00|10|10|01|01|01|11|01|01|10|00|00|11|01|00| 1.0

00|00|10|00|00|11|01|10|01|01|01|10|01|11|11|00| 0.0

00|11|10|10|01|01|01|10|11|11|01|11|01|01|01|00| 0.0

Generation --> 702

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|00|11|10|01|11|01|10|01|00|01|00|01|11|01|10| 8.0

00|11|10|10|01|01|01|10|01|00|01|01|01|11|01|00| 3.0

00|10|10|00|00|11|01|10|11|00|01|10|01|11|01|00| 1.0

10|10|10|00|10|11|01|00|01|01|01|10|01|11|01|10| 1.0

00|10|10|00|00|11|00|00|11|01|01|00|11|11|01|00| 1.0

01|00|10|00|10|11|11|10|00|11|01|10|01|11|01|00| 1.0

00|00|10|00|00|11|01|10|01|01|01|11|01|11|01|00| 1.0

11|10|00|10|01|11|01|10|01|00|01|00|01|11|11|10| 0.0

10|10|10|10|11|01|10|01|00|01|01|10|01|10|01|00| 0.0

Generation --> 703

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|00|11|10|11|11|01|10|01|00|00|00|01|11|01|10| 1.0

10|10|10|10|00|11|01|10|01|01|11|01|01|11|01|01| 1.0

11|10|00|00|00|11|01|10|01|01|01|00|00|11|01|00| 1.0

00|11|10|00|00|11|00|00|11|01|01|00|11|11|01|00| 1.0

00|10|10|00|00|11|01|10|11|00|01|10|01|11|01|00| 1.0

00|00|10|00|10|11|00|00|11|01|01|10|01|11|01|00| 1.0

01|00|10|00|11|11|11|10|00|11|11|10|01|11|01|00| 1.0

00|00|11|01|00|11|01|10|01|01|01|10|00|11|01|00| 1.0

10|10|11|10|11|01|10|01|00|01|01|10|01|10|01|00| 0.0

Generation --> 704

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|10|01|01|00|10|01|11|01|00| 1.0

00|10|11|10|11|11|01|10|01|00|00|00|11|11|01|10| 1.0

11|10|00|00|00|11|01|10|01|01|01|00|00|11|01|00| 1.0

00|01|10|00|00|11|00|00|01|01|00|01|00|11|01|00| 1.0

01|10|10|00|00|11|11|10|00|11|11|10|01|11|01|00| 1.0

00|00|10|00|10|11|10|00|01|01|01|00|01|11|01|00| 1.0

01|00|10|00|11|11|01|10|01|01|01|00|00|11|01|00| 1.0

00|00|11|01|00|11|01|10|01|01|01|10|01|11|11|00| 0.0

10|10|11|00|10|01|10|01|00|01|01|10|01|00|01|00| 0.0

Generation --> 705

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|00|10|10|10|11|10|00|11|01|01|00|01|11|01|00| 2.0

10|10|10|00|10|11|10|00|00|01|01|00|01|11|01|00| 1.0

11|00|00|00|00|11|01|10|01|01|01|00|00|11|01|00| 1.0

01|10|11|00|00|11|00|00|01|01|00|11|00|11|01|00| 1.0

01|00|10|00|11|11|01|10|01|01|01|10|00|11|01|00| 1.0

10|10|11|00|10|01|10|11|01|01|11|10|11|11|01|00| 1.0

00|10|11|10|11|11|01|11|01|01|10|10|01|11|00|00| 0.0

00|10|00|10|00|11|01|10|10|00|01|10|01|11|00|01| 0.0

00|00|11|01|00|11|00|10|01|01|11|00|01|11|11|00| 0.0

Generation --> 706

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|11|10|11|11|11|10|01|01|01|10|01|11|01|01| 2.0

00|00|11|10|00|01|10|00|11|01|01|00|01|11|01|00| 2.0

10|10|11|00|10|01|00|00|00|01|01|00|01|11|01|00| 1.0

11|00|00|00|00|11|01|10|01|01|01|00|00|11|01|00| 1.0

01|10|11|00|00|11|01|00|01|01|11|10|11|11|01|00| 1.0

10|00|11|01|11|01|10|11|01|01|11|10|01|11|01|00| 1.0

00|00|11|01|00|01|00|00|11|01|01|00|01|11|01|00| 1.0

00|10|00|10|00|11|01|10|10|00|01|00|01|11|11|00| 0.0

01|00|10|00|11|11|01|10|01|01|01|10|00|11|00|00| 0.0

Generation --> 707

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|00|10|00|11|01|10|10|00|01|10|01|11|01|00| 8.0

00|00|11|10|00|00|10|00|11|01|01|10|01|11|01|00| 2.0

00|10|11|10|11|11|11|10|01|01|11|10|01|11|01|01| 1.0

11|10|10|00|00|11|00|10|01|01|01|10|01|11|01|00| 1.0

11|00|10|00|00|11|01|10|01|01|01|00|00|11|01|00| 1.0

01|10|11|01|00|01|00|00|11|01|01|00|01|11|01|00| 1.0

10|00|10|01|11|11|11|10|01|01|01|10|01|10|01|01| 1.0

00|10|11|01|00|01|10|00|11|01|01|00|01|11|01|00| 1.0

01|00|10|00|11|01|10|11|01|01|11|10|01|11|01|00| 1.0

Generation --> 708

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|00|11|10|00|00|10|10|11|01|01|10|00|11|01|00| 2.0

10|00|10|10|01|11|01|10|00|00|11|10|01|11|01|10| 1.0

00|10|11|10|11|11|01|10|11|01|11|10|01|11|01|00| 1.0

11|10|10|00|00|11|00|10|01|01|01|10|01|11|01|00| 1.0

11|00|00|00|00|11|00|10|11|01|01|00|01|11|01|00| 1.0

01|00|10|00|01|01|10|10|10|00|01|10|11|11|01|00| 1.0

00|10|00|10|00|10|01|10|11|00|01|10|01|01|01|00| 0.0

01|10|11|01|00|01|00|00|11|01|01|10|01|10|01|11| 0.0

Generation --> 709

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|00|10|00|11|00|10|01|01|01|00|01|11|01|11| 2.0

00|10|00|10|00|11|00|10|01|01|01|10|01|11|01|00| 2.0

10|00|10|10|00|00|10|10|10|01|01|10|01|11|01|01| 2.0

10|00|11|00|00|11|01|10|01|01|01|10|01|11|01|00| 1.0

00|10|10|10|00|11|01|10|00|00|11|10|01|11|01|10| 1.0

11|10|10|00|00|11|00|10|01|01|01|10|01|11|01|00| 1.0

11|00|00|00|00|11|00|10|11|01|01|00|01|11|01|00| 1.0

00|00|10|00|11|01|10|10|10|00|01|10|11|11|01|00| 1.0

01|10|11|01|10|11|00|00|11|01|01|10|01|11|01|00| 1.0

Generation --> 710

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|00|10|00|10|01|10|01|01|01|10|01|11|01|10| 3.0

10|00|10|10|10|10|00|10|01|01|01|00|01|11|01|11| 2.0

00|10|00|10|00|11|00|10|01|01|00|10|01|11|01|00| 1.0

11|00|00|11|00|11|00|10|01|01|01|00|01|11|01|11| 1.0

11|00|11|01|00|11|01|10|01|01|01|10|01|11|01|00| 1.0

01|10|11|01|10|11|00|00|11|01|01|10|00|11|01|00| 1.0

11|10|10|00|00|11|00|10|01|01|01|10|01|11|01|00| 1.0

00|00|10|00|11|11|01|11|01|01|01|10|01|11|01|00| 1.0

11|10|11|01|10|11|00|00|11|01|00|10|01|11|11|00| 0.0

Generation --> 711

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|00|10|10|00|01|01|10|01|01|01|10|01|11|01|00| 3.0

00|10|00|10|00|10|01|10|01|01|01|10|11|11|01|10| 3.0

00|10|00|10|00|11|00|10|01|01|00|10|01|11|01|10| 1.0

11|00|00|11|00|11|10|10|01|01|01|10|00|11|01|01| 1.0

11|10|11|01|10|11|01|10|01|01|01|10|11|11|01|00| 1.0

11|10|10|00|00|11|00|10|01|01|01|10|01|11|01|00| 1.0

00|00|11|00|11|11|00|11|01|01|00|10|01|11|01|00| 1.0

11|00|11|01|00|11|01|10|01|01|01|11|01|11|11|00| 0.0

11|10|11|01|10|11|00|10|11|01|00|11|01|11|11|10| 0.0

Generation --> 712

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|10|01|11|01|10|11|11|01|00| 3.0

00|10|00|10|00|11|00|10|01|01|01|10|01|11|01|00| 2.0

11|00|10|10|00|01|01|10|01|01|00|10|01|11|01|00| 1.0

11|00|00|11|00|11|10|10|01|01|01|10|00|11|01|10| 1.0

11|10|11|01|10|11|01|10|01|01|01|10|10|11|01|00| 1.0

11|10|10|00|00|11|01|10|01|00|01|10|01|11|01|00| 1.0

00|00|11|00|11|11|00|11|01|11|00|10|01|11|01|00| 1.0

11|00|11|01|00|01|00|00|01|01|01|11|11|11|01|00| 1.0

11|10|10|01|10|10|00|10|11|01|00|11|01|11|11|10| 0.0

Generation --> 713

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|00|10|00|11|01|10|01|01|01|10|11|11|01|00| 3.0

10|10|00|10|10|11|11|10|01|01|01|10|01|11|01|00| 2.0

11|01|10|10|00|01|00|10|01|01|01|10|00|10|01|10| 2.0

11|00|00|11|00|11|10|10|01|01|00|10|00|11|01|00| 1.0

11|10|11|01|10|11|01|10|01|11|00|10|10|11|01|10| 1.0

11|10|10|00|00|11|01|00|01|00|01|10|01|11|01|00| 1.0

00|00|01|00|11|10|01|10|01|00|01|10|01|11|01|00| 1.0

11|00|11|01|00|10|01|10|01|01|01|10|10|11|01|00| 1.0

11|10|10|01|10|10|00|10|01|01|01|10|11|11|01|00| 1.0

Generation --> 714

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|00|10|00|00|11|10|01|01|01|10|10|11|01|00| 2.0

11|10|00|10|10|11|11|10|01|01|01|10|11|11|01|00| 2.0

11|01|11|10|00|01|00|10|01|01|01|10|00|10|01|10| 2.0

11|00|00|11|00|11|00|10|01|00|00|10|00|11|01|00| 1.0

11|00|10|00|00|11|11|10|01|01|01|10|01|11|01|00| 1.0

01|00|11|01|00|10|01|10|01|01|00|10|01|11|01|00| 1.0

11|01|10|11|00|01|00|10|01|01|01|10|00|10|11|00| 0.0

11|01|10|00|10|01|00|10|11|01|01|11|00|10|01|00| 0.0

00|01|01|10|11|10|01|00|01|01|01|10|00|10|01|10| 0.0

Generation --> 715

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|01|01|10|11|10|01|00|01|01|01|10|10|11|01|00| 3.0

00|10|00|10|00|00|11|00|01|01|01|10|11|11|01|00| 2.0

11|10|10|10|10|11|11|10|01|01|01|10|11|11|01|00| 2.0

11|01|11|10|00|01|00|10|01|01|01|10|00|10|01|10| 2.0

11|00|00|11|01|11|00|10|01|01|01|10|10|11|01|00| 1.0

11|10|10|00|00|11|11|10|01|01|01|10|00|10|01|10| 1.0

01|00|11|01|00|10|01|10|01|01|01|10|11|11|01|00| 1.0

11|01|10|00|10|01|00|10|11|01|01|00|11|11|01|00| 1.0

01|01|10|11|00|01|01|10|01|01|00|10|00|10|11|00| 0.0

Generation --> 716

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|00|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|01|01|10|11|10|01|00|01|01|01|10|10|11|01|00| 3.0

11|01|11|10|00|01|00|10|11|01|01|10|00|10|01|10| 2.0

11|01|11|10|00|01|00|10|01|01|01|10|00|11|01|10| 2.0

11|01|00|01|11|10|01|00|01|01|01|10|10|11|01|00| 1.0

11|10|10|10|11|11|11|10|01|01|01|10|01|11|11|00| 0.0

11|01|11|11|00|01|00|10|01|01|01|10|00|10|00|10| 0.0

11|10|10|00|00|11|11|10|01|01|01|10|00|10|00|11| 0.0

00|10|00|10|00|00|11|00|01|01|01|10|01|10|01|10| 0.0

Generation --> 717

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|00|10|10|00|11|01|10|01|01|01|10|01|10|01|10| 8.0

11|01|11|10|00|01|00|10|01|01|01|10|01|11|01|00| 2.0

00|10|00|10|00|00|11|10|01|01|01|10|01|11|01|00| 2.0

01|00|00|10|00|11|01|10|01|01|00|10|01|11|01|00| 1.0

11|11|11|11|00|01|01|00|01|01|11|10|10|11|01|00| 1.0

11|10|10|00|00|11|11|10|01|01|01|10|00|11|01|00| 1.0

01|10|10|10|11|11|11|10|01|01|01|10|01|11|11|01| 0.0

01|01|00|01|11|10|01|00|11|01|01|11|10|10|01|00| 0.0

01|01|01|10|11|10|01|00|01|01|01|10|01|10|00|00| 0.0

Generation --> 718

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|10|10|11|11|11|10|11|11|01|00|01|11|01|01| 2.0

01|00|00|11|00|11|01|10|01|01|01|10|01|11|01|00| 1.0

00|11|01|00|00|00|11|10|01|01|00|10|01|11|01|00| 1.0

11|01|11|10|00|01|00|10|01|01|00|10|01|11|01|10| 1.0

01|00|00|10|00|11|01|10|01|01|00|10|01|11|01|00| 1.0

11|10|10|00|10|11|11|10|01|01|01|10|01|11|01|00| 1.0

01|01|10|11|11|10|01|00|01|01|01|10|01|11|01|00| 1.0

00|10|00|11|00|00|11|10|01|01|01|10|01|01|01|00| 0.0

11|00|11|11|00|01|01|00|01|01|11|10|10|11|11|00| 0.0

Generation --> 719

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|10|10|11|11|11|10|01|11|01|00|01|11|01|01| 2.0

11|10|10|10|11|11|11|10|11|11|01|00|01|11|01|01| 2.0

00|10|00|10|11|11|11|10|11|11|00|00|01|11|01|01| 1.0

01|10|00|11|00|11|01|10|01|01|01|11|01|11|01|00| 1.0

10|11|01|00|10|10|11|10|01|01|01|10|01|11|01|00| 1.0

11|01|11|10|00|01|00|00|11|01|00|10|01|11|01|00| 1.0

01|01|10|11|11|10|01|00|01|11|01|00|01|11|01|01| 1.0

01|00|00|10|00|10|01|00|01|01|01|10|01|10|01|00| 0.0

01|00|11|11|00|01|01|00|01|01|11|10|10|11|11|00| 0.0

Generation --> 720

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|00|10|11|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|00|00|10|00|10|01|00|01|01|01|00|01|11|01|01| 3.0

00|10|10|10|11|11|11|10|10|11|01|00|11|11|01|11| 2.0

00|10|10|10|11|11|10|10|11|11|01|00|01|11|01|01| 2.0

01|10|00|01|00|11|01|10|10|11|01|11|01|11|01|01| 1.0

01|01|00|11|11|10|11|11|01|11|11|00|01|11|01|01| 1.0

11|10|10|10|11|11|01|10|01|01|11|10|01|11|11|00| 0.0

10|11|01|00|10|10|11|10|01|00|01|10|01|11|00|00| 0.0

01|00|11|11|00|11|01|00|01|01|11|10|11|10|01|00| 0.0

Generation --> 721

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|10|10|11|11|01|10|01|01|01|10|01|10|01|00| 8.0

11|00|00|10|00|10|01|10|01|01|01|11|01|11|01|00| 3.0

10|11|00|10|11|11|01|10|01|01|01|10|11|11|01|00| 3.0

00|10|10|10|01|11|10|10|10|11|01|00|11|11|01|11| 2.0

01|10|11|10|11|01|11|10|11|10|01|00|11|11|01|11| 2.0

00|10|00|10|11|11|01|10|01|01|00|10|01|11|01|00| 1.0

01|00|11|11|00|11|01|00|11|01|11|10|11|11|01|00| 1.0

00|10|10|10|11|11|11|11|00|11|11|00|01|11|11|01| 0.0

01|01|00|11|11|10|11|01|01|11|11|00|01|11|11|01| 0.0

Generation --> 722

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|10|10|11|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|00|00|10|00|10|01|10|01|01|01|11|01|11|01|00| 3.0

00|11|00|10|11|11|01|10|01|01|01|10|11|11|01|00| 3.0

00|10|00|10|11|11|01|10|01|01|01|10|11|11|01|00| 3.0

00|00|10|10|01|10|10|10|10|11|01|01|01|11|00|11| 0.0

01|10|11|11|00|11|01|00|11|01|01|10|01|11|11|00| 0.0

01|01|10|11|11|10|11|01|01|11|11|10|01|11|00|00| 0.0

00|11|10|11|01|11|11|11|00|11|11|00|01|11|11|01| 0.0

Generation --> 723

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|10|10|11|11|01|10|01|01|01|11|01|11|01|00| 8.0

00|10|10|10|01|11|01|10|01|01|00|00|01|11|01|00| 1.0

00|00|10|10|00|11|01|10|01|01|00|10|01|11|01|00| 1.0

00|01|11|11|01|10|11|01|01|01|01|01|01|11|01|00| 1.0

00|11|10|11|01|11|11|11|00|11|01|10|01|11|01|00| 1.0

00|11|10|10|11|11|01|10|01|01|01|10|01|11|11|00| 0.0

00|11|00|10|11|11|01|10|01|01|01|10|01|11|00|00| 0.0

00|10|00|00|11|11|01|10|11|01|01|10|01|01|01|00| 0.0

11|00|00|11|00|10|01|10|01|01|01|11|00|00|01|00| 0.0

Generation --> 724

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|11|10|11|11|01|10|01|01|01|11|01|11|01|01| 8.0

00|11|10|10|11|11|01|10|01|01|01|11|11|11|01|00| 3.0

00|10|10|00|01|10|01|10|01|01|00|10|01|11|01|00| 1.0

00|10|10|10|00|11|01|10|01|01|00|10|01|11|01|00| 1.0

00|01|11|11|01|10|11|01|01|01|01|01|01|11|01|00| 1.0

00|11|10|11|01|11|01|10|11|00|01|11|01|11|01|00| 1.0

00|10|00|00|11|11|01|10|01|00|01|11|01|11|01|00| 1.0

11|00|00|11|10|10|11|01|01|01|01|01|01|11|01|00| 1.0

00|11|00|11|11|11|01|10|01|01|01|10|01|11|00|00| 0.0

Generation --> 725

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|00|00|10|11|11|01|10|01|11|01|11|01|11|01|01| 8.0

00|10|11|10|11|11|00|10|01|01|01|11|01|11|01|01| 2.0

00|10|10|00|01|11|01|10|01|01|01|11|01|11|01|01| 1.0

00|00|11|11|01|11|11|01|01|01|01|11|01|11|01|01| 1.0

01|01|10|11|01|11|01|10|11|00|01|11|01|11|01|00| 1.0

00|10|00|00|11|11|01|00|01|00|01|11|11|11|01|00| 1.0

00|11|00|11|11|11|01|01|01|01|01|01|01|11|01|00| 1.0

00|11|10|11|11|11|11|10|01|01|01|11|11|11|11|00| 0.0

10|11|10|10|00|01|00|10|01|01|01|11|01|10|01|00| 0.0

Generation --> 726

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|00|00|10|11|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|11|10|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|11|00|00|01|11|11|10|01|01|01|11|01|11|01|01| 1.0

00|00|11|11|01|11|11|01|01|01|01|11|01|11|01|01| 1.0

01|01|10|11|01|11|01|10|11|00|01|11|01|11|01|01| 1.0

00|10|00|00|11|11|01|00|01|00|01|11|11|11|01|00| 1.0

00|11|10|11|11|11|11|10|01|01|01|10|01|11|01|10| 1.0

00|10|11|10|11|11|00|10|01|01|01|11|01|11|11|01| 0.0

00|11|00|11|11|11|01|01|01|01|01|11|01|11|11|01| 0.0

Generation --> 727

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|11|10|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|10|10|00|11|01|10|01|01|01|00|01|11|01|00| 8.0

00|10|00|00|01|11|11|01|00|01|01|11|01|11|01|00| 1.0

00|00|10|11|11|11|11|10|01|01|01|10|01|11|01|10| 1.0

01|01|10|11|01|11|01|10|11|00|00|01|01|11|01|01| 1.0

00|10|00|00|01|11|01|00|01|01|01|10|00|11|01|00| 1.0

00|11|00|11|10|10|01|10|01|01|11|10|01|11|01|00| 1.0

00|10|11|10|11|11|00|10|01|01|01|11|01|11|11|00| 0.0

Generation --> 728

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|10|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|00|10|00|11|01|10|01|01|01|10|01|11|01|01| 8.0

00|10|11|10|11|11|00|10|01|01|01|10|01|11|01|00| 2.0

01|00|00|00|01|11|11|01|00|01|01|11|01|11|01|00| 1.0

00|00|10|11|11|11|11|00|01|01|01|10|00|11|01|00| 1.0

01|01|10|11|01|11|01|10|11|01|01|10|01|11|01|01| 1.0

10|11|10|11|00|11|01|11|01|01|01|00|01|01|01|00| 0.0

00|10|00|00|01|01|01|00|01|01|01|00|01|11|00|00| 0.0

Generation --> 729

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|10|10|00|11|01|10|01|01|01|10|01|11|01|01| 8.0

01|10|00|10|00|11|01|10|01|01|01|10|01|10|01|00| 8.0

00|10|10|10|00|11|01|10|00|01|01|10|01|11|01|00| 8.0

00|10|10|10|00|11|01|00|01|01|01|10|01|11|01|00| 8.0

00|10|10|10|00|11|11|10|01|01|01|10|01|11|01|00| 2.0

01|00|00|00|01|11|11|01|00|01|01|11|01|11|01|00| 1.0

01|01|10|11|01|11|01|10|11|00|01|10|01|11|01|01| 1.0

00|10|01|00|01|01|01|00|01|00|01|00|01|11|01|10| 1.0

Generation --> 730

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|10|10|00|11|01|10|00|01|01|10|11|11|01|00| 3.0

01|10|00|10|00|11|00|00|01|01|01|10|01|11|01|01| 2.0

00|10|10|10|00|11|00|00|01|01|01|10|11|11|01|01| 2.0

00|10|10|10|00|11|11|10|01|01|01|10|01|11|01|00| 2.0

00|10|10|00|00|11|01|10|01|01|00|10|01|11|01|01| 1.0

00|01|10|11|00|11|00|10|11|00|01|10|01|11|01|01| 1.0

01|00|00|00|01|11|11|00|00|01|01|11|01|11|01|00| 1.0

01|01|10|11|00|11|01|10|01|01|01|11|01|11|01|00| 1.0

00|10|11|00|11|01|01|00|01|01|01|10|00|11|01|01| 1.0

Generation --> 731

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|00|10|10|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|10|10|00|01|01|10|01|01|01|10|01|11|01|00| 3.0

10|10|10|10|00|11|01|10|00|01|01|10|11|11|01|00| 3.0

01|10|00|00|00|11|00|00|00|01|01|10|01|11|01|00| 1.0

00|10|10|10|00|11|11|10|01|01|11|10|01|11|01|00| 1.0

00|10|10|00|00|11|01|10|01|01|00|10|11|11|01|01| 1.0

10|10|11|00|11|01|01|00|01|01|01|10|00|11|01|01| 1.0

00|00|10|11|00|11|00|10|11|00|01|10|01|01|01|01| 0.0

01|00|10|11|00|11|01|10|01|01|01|11|01|01|01|00| 0.0

Generation --> 732

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|11|00|10|10|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|00|10|11|11|01|11|01|01|01|10|01|11|01|00| 8.0

00|10|10|10|00|01|01|10|01|01|01|10|11|11|01|00| 3.0

01|00|10|11|00|11|01|10|01|01|01|10|11|11|01|00| 3.0

00|00|10|11|00|11|00|00|11|00|01|10|11|11|01|00| 2.0

10|10|10|10|00|11|01|10|00|01|11|10|11|11|01|01| 1.0

01|10|00|00|00|11|01|10|01|01|01|10|01|11|01|00| 1.0

00|10|10|10|00|11|10|10|01|01|11|10|01|11|01|00| 1.0

10|10|11|00|11|01|01|10|01|01|01|10|01|11|00|00| 0.0

Generation --> 733

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|11|00|10|10|11|01|10|11|01|01|10|01|11|01|00| 8.0

10|10|01|10|11|11|01|11|01|01|01|10|01|11|01|00| 8.0

00|10|00|10|11|00|01|11|01|01|01|10|00|11|01|00| 3.0

00|10|10|10|00|01|01|10|00|01|01|10|11|11|01|00| 3.0

10|10|10|10|00|11|01|00|00|01|01|10|11|11|01|10| 3.0

01|00|10|11|00|11|01|10|01|01|11|10|11|11|01|00| 1.0

01|10|10|10|00|11|11|10|01|01|11|10|11|11|01|00| 1.0

00|01|10|11|00|01|01|10|01|01|01|10|01|11|01|00| 1.0

01|10|00|00|00|11|01|10|01|11|01|10|01|11|01|00| 1.0

Generation --> 734

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|11|00|10|10|11|01|10|11|01|01|10|01|11|01|00| 8.0

00|10|10|10|00|11|01|00|00|01|01|10|11|11|01|10| 3.0

10|10|10|10|01|11|01|00|00|01|00|10|11|11|01|00| 1.0

01|00|10|11|00|11|01|10|01|00|11|10|01|11|01|00| 1.0

11|10|10|10|00|11|11|10|01|01|11|00|11|11|01|10| 1.0

01|10|00|00|00|01|01|11|01|01|01|10|01|11|01|00| 1.0

10|10|01|10|11|11|01|11|01|01|01|10|01|01|01|00| 0.0

00|10|10|10|00|00|01|10|00|01|01|10|00|11|00|00| 0.0

00|01|10|11|00|01|01|11|01|01|01|10|01|01|01|00| 0.0

Generation --> 735

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|11|00|10|10|11|01|10|11|01|01|10|11|11|01|00| 3.0

00|10|10|10|00|11|01|00|00|01|01|11|11|11|01|10| 3.0

10|10|00|10|00|11|00|00|01|01|01|10|01|11|01|00| 2.0

01|00|10|11|00|11|11|10|01|10|11|10|01|11|01|00| 1.0

01|10|00|00|00|01|01|11|00|01|01|10|11|11|01|10| 1.0

10|10|01|10|11|01|00|00|00|01|00|10|11|11|01|00| 1.0

00|01|10|11|00|01|01|11|01|01|01|11|01|11|01|00| 1.0

11|11|10|10|00|11|01|00|10|01|01|10|11|10|01|10| 0.0

00|10|10|10|00|00|01|10|00|01|01|10|00|01|00|00| 0.0

Generation --> 736

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|10|10|00|11|01|00|01|01|01|11|11|11|01|10| 3.0

01|00|10|10|01|11|11|10|01|10|01|10|01|11|01|00| 2.0

10|11|00|10|00|11|01|10|01|01|11|10|01|11|01|01| 1.0

10|10|00|00|00|11|11|10|01|01|01|10|01|11|01|00| 1.0

01|11|00|11|10|11|01|10|11|01|11|10|11|11|01|00| 1.0

00|01|10|10|00|11|01|10|01|01|01|10|01|11|11|01| 0.0

01|10|10|00|10|01|01|11|00|01|01|10|01|10|10|10| 0.0

11|11|10|10|00|10|01|00|10|00|01|10|11|10|01|10| 0.0

00|10|00|10|00|00|01|10|00|01|01|10|01|11|00|01| 0.0

Generation --> 737

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|10|10|00|11|01|10|01|01|01|10|11|11|01|00| 3.0

00|01|10|10|00|11|01|00|01|00|01|11|11|11|01|10| 3.0

01|10|10|10|10|11|01|00|01|00|01|11|11|11|01|10| 3.0

01|00|10|11|01|11|11|10|01|10|01|10|01|11|01|00| 1.0

10|11|00|10|00|11|01|10|01|01|11|10|01|11|01|00| 1.0

10|11|00|00|00|11|10|10|01|01|01|10|01|11|01|00| 1.0

10|11|00|11|10|11|01|10|11|01|11|10|01|11|01|00| 1.0

11|10|00|00|00|11|11|10|01|11|01|10|01|11|01|10| 1.0

10|00|00|10|00|00|01|10|00|01|01|10|01|11|00|10| 0.0

Generation --> 738

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|01|10|10|00|11|01|00|01|00|01|01|11|11|01|10| 3.0

01|10|10|10|10|11|01|00|01|00|01|01|11|11|01|10| 3.0

10|00|10|10|00|00|01|10|00|01|01|10|01|11|01|10| 3.0

10|01|00|11|00|11|00|00|01|00|01|11|11|11|01|10| 2.0

01|10|10|11|00|11|00|10|01|01|01|10|00|11|01|00| 1.0

00|11|00|11|10|11|01|10|11|01|10|10|01|11|01|00| 1.0

11|10|00|00|00|11|11|00|01|11|01|10|01|11|01|10| 1.0

00|10|11|10|00|11|01|00|01|11|01|10|11|10|00|00| 0.0

01|01|10|11|00|11|11|10|01|01|01|10|01|11|00|00| 0.0

Generation --> 739

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|01|10|10|00|11|01|00|01|00|01|01|11|11|01|10| 3.0

01|10|10|10|10|11|01|00|11|00|01|01|11|11|01|10| 3.0

10|10|10|10|00|00|01|10|00|01|01|11|01|11|01|10| 3.0

01|00|10|10|00|00|01|10|00|01|01|11|01|11|01|10| 3.0

10|01|00|11|00|11|00|00|01|00|01|01|11|11|01|00| 2.0

01|10|10|11|00|11|00|10|11|01|10|10|01|11|01|00| 1.0

11|11|00|11|10|11|01|10|11|01|10|10|01|11|01|10| 1.0

11|10|00|00|00|01|11|00|01|11|01|10|01|11|01|00| 1.0

10|10|11|10|00|11|01|00|01|00|01|01|11|01|01|10| 0.0

Generation --> 740

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|10|10|00|00|01|10|00|01|01|11|01|11|01|10| 3.0

01|00|10|10|00|00|01|10|00|01|01|11|01|11|01|10| 3.0

10|00|11|10|00|11|01|00|01|00|01|01|11|11|01|10| 3.0

00|01|10|10|00|00|01|10|00|01|11|11|01|11|01|10| 1.0

10|01|00|11|00|11|01|10|00|00|01|11|01|11|01|10| 1.0

11|11|00|11|10|11|01|10|11|01|01|11|01|11|01|10| 1.0

11|10|00|00|00|01|11|10|00|01|01|11|01|11|01|10| 1.0

01|10|00|10|10|11|11|00|11|00|01|00|01|01|01|10| 0.0

01|00|10|10|10|00|01|10|00|01|01|11|01|10|11|10| 0.0

Generation --> 741

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|00|11|10|10|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|10|10|00|00|01|10|00|01|01|10|11|11|01|00| 3.0

11|10|00|10|00|00|01|10|00|01|01|11|01|11|01|10| 3.0

11|00|10|11|00|00|01|10|00|01|01|11|01|11|01|10| 1.0

00|01|00|10|00|00|01|10|01|00|00|01|11|11|01|10| 1.0

10|01|00|11|00|11|01|10|00|00|01|11|01|11|01|00| 1.0

11|11|00|11|00|11|01|01|01|01|01|10|01|11|01|00| 1.0

11|00|10|10|10|00|01|10|00|01|00|10|01|11|00|00| 0.0

01|10|00|10|10|10|11|00|01|01|01|10|00|11|11|00| 0.0

Generation --> 742

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|00|11|10|10|11|01|10|11|01|01|10|01|11|01|00| 8.0

00|01|00|10|00|11|01|01|01|01|01|10|01|11|01|00| 8.0

00|00|11|10|00|11|01|11|01|11|01|10|11|11|01|01| 3.0

11|10|00|10|00|00|01|10|00|01|01|11|01|11|01|10| 3.0

11|00|10|10|10|00|00|10|00|01|01|10|11|11|01|00| 2.0

10|01|00|10|01|11|01|10|01|01|00|10|01|11|01|00| 1.0

10|01|00|11|00|11|01|10|01|00|01|11|01|11|01|00| 1.0

11|01|00|11|00|11|01|01|01|01|01|10|01|11|01|00| 1.0

01|10|01|10|10|10|11|00|01|01|01|10|00|11|11|00| 0.0

Generation --> 743

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|00|11|10|10|11|01|10|11|00|01|10|01|11|01|00| 8.0

00|01|00|10|00|11|01|01|01|01|01|10|01|11|01|00| 8.0

00|00|11|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|00|10|00|11|01|10|01|00|01|10|01|11|01|00| 8.0

11|10|00|10|00|01|01|10|01|01|01|10|01|11|01|00| 3.0

10|01|00|10|01|01|00|10|01|01|01|10|01|11|01|00| 2.0

11|10|10|10|10|00|00|10|01|11|01|10|11|11|01|01| 2.0

11|01|00|11|00|11|01|00|01|01|01|10|01|11|01|00| 1.0

10|01|00|11|00|11|01|10|00|00|01|10|01|11|11|00| 0.0

Generation --> 744

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|00|11|10|00|11|01|10|00|01|01|10|01|11|01|00| 8.0

00|01|00|10|00|11|01|01|01|01|01|10|01|11|01|00| 8.0

00|00|01|10|00|11|01|10|01|01|01|00|01|11|01|00| 8.0

10|00|11|10|11|11|01|10|11|01|01|10|01|11|01|10| 8.0

11|10|00|10|00|01|01|10|01|01|01|10|01|11|01|00| 3.0

11|10|10|10|10|10|01|10|01|11|01|10|01|11|01|00| 3.0

01|11|00|10|01|11|11|01|01|01|01|00|01|11|01|00| 2.0

11|00|00|11|00|11|00|00|01|11|01|00|01|11|01|00| 1.0

10|01|00|11|00|11|01|10|00|00|01|00|01|11|11|01| 0.0

Generation --> 745

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|00|01|10|00|11|01|10|00|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|01|01|10|01|01|01|10|01|11|01|10| 3.0

11|10|10|10|10|10|01|11|01|01|01|10|01|11|01|00| 3.0

01|00|11|00|00|11|01|10|00|01|01|10|11|11|01|00| 1.0

01|11|00|10|11|11|01|10|11|01|00|10|01|10|01|10| 1.0

10|11|00|11|10|11|01|10|01|01|01|10|01|11|01|11| 1.0

00|01|01|10|00|11|01|10|01|01|01|00|01|11|00|00| 0.0

10|00|01|10|00|11|01|10|01|01|01|00|01|11|11|00| 0.0

11|00|00|11|00|11|01|10|00|01|01|10|01|11|11|00| 0.0

Generation --> 746

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|01|01|10|00|11|01|10|01|01|01|00|01|11|01|10| 8.0

10|00|01|10|00|11|01|10|00|01|01|10|00|11|01|00| 3.0

10|10|00|10|00|01|01|10|01|01|01|10|01|11|01|00| 3.0

11|10|10|10|10|11|01|00|00|01|01|10|11|11|01|00| 3.0

00|00|01|10|00|10|01|10|01|01|11|10|01|11|01|00| 1.0

01|00|11|00|00|11|01|10|00|01|01|10|11|11|01|00| 1.0

01|11|00|10|01|11|01|10|11|01|00|10|01|10|01|10| 1.0

10|11|00|11|10|11|01|10|01|01|01|10|01|11|01|11| 1.0

11|00|00|11|00|01|01|10|00|01|01|10|01|11|11|00| 0.0

Generation --> 747

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|01|00|10|01|11|01|10|00|01|01|10|00|11|01|00| 3.0

11|10|10|10|10|11|01|00|00|11|01|11|11|11|01|10| 3.0

00|00|10|10|10|10|01|10|01|01|01|10|01|11|01|00| 3.0

11|00|00|10|00|01|01|10|00|01|01|10|01|11|01|10| 3.0

01|00|11|00|00|11|01|10|00|01|11|10|11|11|01|00| 1.0

01|11|00|10|01|11|01|10|11|01|00|10|01|11|01|10| 1.0

10|11|00|11|00|11|01|10|01|01|11|10|01|11|01|11| 1.0

10|00|01|00|00|11|01|10|00|01|01|10|01|11|11|10| 0.0

10|10|01|10|00|11|01|10|01|00|01|00|01|01|01|00| 0.0

Generation --> 748

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|10|10|10|11|01|10|01|11|01|10|01|11|01|00| 8.0

10|10|01|10|10|11|01|10|01|00|01|00|01|11|01|10| 8.0

00|01|00|10|01|10|01|10|00|01|01|10|00|10|01|00| 3.0

00|00|01|10|00|01|01|10|10|00|01|10|01|11|01|10| 3.0

10|00|00|10|00|00|01|10|01|00|01|10|01|11|01|00| 3.0

10|10|10|10|10|10|01|10|01|01|01|10|01|11|01|00| 3.0

01|10|00|00|10|11|01|10|01|01|01|10|01|11|01|00| 1.0

01|01|00|10|01|11|01|10|00|01|01|10|00|11|11|00| 0.0

10|00|01|00|00|11|01|10|00|01|00|10|00|11|11|01| 0.0

Generation --> 749

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|10|10|10|11|01|10|01|00|01|10|01|11|01|10| 8.0

10|10|01|10|10|11|01|10|01|00|01|00|01|11|01|00| 8.0

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|01|00|10|01|11|01|10|10|01|01|10|01|11|01|00| 8.0

00|00|00|10|01|10|01|10|00|01|01|10|01|11|01|00| 3.0

10|10|10|10|10|10|11|10|01|01|01|10|01|11|01|00| 2.0

01|00|10|00|00|01|01|10|01|00|01|00|01|11|01|10| 1.0

01|10|01|00|10|11|01|10|01|11|01|10|01|11|01|00| 1.0

11|10|10|11|10|10|11|10|01|01|01|10|01|11|11|00| 0.0

Generation --> 750

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|10|10|10|11|01|10|01|10|01|10|01|11|01|10| 8.0

00|00|00|10|01|11|01|10|01|01|01|10|11|11|01|01| 3.0

10|10|01|10|00|11|00|10|01|00|01|00|01|11|01|00| 2.0

10|10|10|10|10|10|11|10|11|00|01|10|01|11|01|00| 2.0

10|11|00|10|01|10|01|10|00|01|00|10|01|11|01|00| 1.0

01|00|10|00|00|01|01|11|01|10|01|00|00|11|01|00| 1.0

01|10|00|00|10|11|01|10|01|00|01|00|01|11|01|00| 1.0

11|10|10|11|10|10|11|10|00|01|01|10|01|11|01|00| 1.0

11|00|00|10|00|11|01|10|01|01|01|10|01|11|11|00| 0.0

Generation --> 751

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|01|10|10|11|01|10|00|11|01|10|01|11|01|10| 8.0

11|00|00|10|00|11|01|10|01|01|01|10|01|11|01|01| 8.0

00|00|00|10|01|11|01|10|01|01|01|10|11|11|01|01| 3.0

10|10|10|10|10|10|01|10|01|10|01|00|01|11|01|10| 3.0

11|10|10|10|10|11|01|10|01|10|00|10|01|11|01|00| 1.0

10|11|00|11|01|10|01|00|00|01|00|10|01|11|01|00| 1.0

01|00|10|00|00|01|01|11|01|10|01|10|00|11|01|00| 1.0

01|11|00|00|00|11|01|10|01|00|00|00|11|11|01|01| 1.0

11|10|10|11|10|10|01|11|01|10|01|00|00|11|01|00| 1.0

Generation --> 752

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|00|10|10|10|10|01|10|01|11|01|10|01|11|01|00| 3.0

10|10|10|10|10|10|01|10|01|10|01|10|00|11|01|00| 3.0

10|10|01|10|10|11|01|10|00|11|00|11|01|11|01|10| 1.0

10|11|00|11|01|11|01|10|00|01|00|10|01|11|01|01| 1.0

11|00|10|00|00|01|01|11|01|01|01|00|11|11|01|01| 1.0

01|10|10|11|10|10|01|11|01|10|01|00|00|11|01|00| 1.0

00|00|00|10|01|11|01|10|01|01|01|10|00|01|00|01| 0.0

11|00|00|10|00|01|00|10|01|01|01|10|11|11|11|01| 0.0

01|11|00|00|00|11|01|10|01|10|01|00|01|01|01|11| 0.0

Generation --> 753

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|00|11|10|10|10|01|10|00|10|01|10|01|11|01|00| 3.0

10|10|01|10|00|11|01|10|11|01|00|10|01|11|01|00| 1.0

11|00|10|11|10|10|01|10|11|11|01|10|01|11|01|00| 1.0

01|00|10|00|00|01|01|11|01|01|01|00|10|11|01|00| 1.0

00|00|00|01|10|10|01|11|01|10|01|00|00|11|01|00| 1.0

11|00|00|10|00|01|00|10|01|01|01|10|11|11|00|00| 0.0

10|11|00|11|01|11|01|10|00|00|11|11|01|11|11|00| 0.0

01|10|10|11|10|00|01|11|01|10|01|00|00|11|11|00| 0.0

01|11|00|00|00|11|01|10|01|10|01|00|01|01|11|11| 0.0

Generation --> 754

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|00|01|10|00|11|01|00|11|01|01|11|01|11|01|00| 8.0

10|00|11|10|10|10|01|11|01|10|01|00|00|11|01|00| 3.0

11|00|00|10|00|01|00|10|01|01|01|10|01|11|01|00| 2.0

10|10|01|10|00|11|01|10|11|00|00|10|01|11|01|00| 1.0

01|00|10|00|00|01|00|11|00|01|01|00|10|11|01|00| 1.0

00|00|00|00|10|10|01|11|01|10|01|00|01|11|01|00| 1.0

10|11|00|11|01|11|01|10|00|00|11|10|00|11|01|00| 1.0

01|10|10|01|10|10|01|11|01|11|00|00|00|11|01|00| 1.0

00|11|00|00|00|10|01|10|01|11|01|00|00|11|01|00| 1.0

Generation --> 755

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|11|10|10|00|11|01|10|01|01|01|10|01|10|01|00| 8.0

10|00|11|10|10|10|01|11|01|10|01|00|10|11|01|00| 3.0

11|00|00|10|00|11|01|10|11|00|00|10|01|11|01|00| 1.0

11|10|01|10|00|10|01|10|01|11|10|00|00|11|01|00| 1.0

00|00|00|00|10|10|01|10|01|10|01|00|00|11|01|00| 1.0

10|11|00|11|01|11|01|10|00|00|11|10|10|10|01|00| 1.0

00|11|00|00|10|10|01|10|01|11|01|00|00|11|01|00| 1.0

01|00|10|00|00|01|01|11|00|01|01|01|00|10|01|10| 0.0

01|10|10|00|10|10|01|11|01|11|00|00|00|11|00|00| 0.0

Generation --> 756

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|11|10|10|00|11|01|11|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|10|01|11|01|11|01|11|01|00| 8.0

00|11|10|10|10|11|01|10|01|01|01|10|01|10|01|01| 8.0

10|00|11|10|10|01|01|10|01|01|01|10|01|11|01|00| 3.0

10|11|00|10|10|10|01|11|01|10|01|00|10|11|01|00| 3.0

11|00|00|10|00|11|01|10|11|00|00|10|01|10|01|00| 1.0

11|10|11|10|00|10|01|10|01|11|10|10|00|11|01|00| 1.0

00|00|00|00|10|10|01|00|01|10|01|00|00|11|01|01| 1.0

01|11|10|00|10|10|01|11|11|11|00|10|01|10|01|00| 0.0

Generation --> 757

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|11|10|10|00|11|01|11|01|01|01|10|01|11|01|00| 8.0

00|11|10|10|10|11|01|10|01|00|01|10|01|10|01|01| 8.0

10|11|10|11|00|11|01|11|01|01|01|10|01|11|01|01| 1.0

10|10|00|10|00|11|01|10|01|01|00|10|01|11|01|00| 1.0

10|00|11|11|10|01|01|00|01|00|01|10|01|11|01|00| 1.0

11|00|00|10|00|01|01|00|11|00|00|10|01|11|01|00| 1.0

11|10|11|10|00|11|01|10|01|11|11|11|01|11|01|00| 1.0

00|00|00|00|10|10|01|00|01|10|01|00|00|11|01|00| 1.0

10|10|00|10|00|11|01|10|01|00|01|10|01|01|01|00| 0.0

Generation --> 758

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|10|10|01|11|01|11|01|01|01|10|01|11|01|00| 8.0

00|11|10|10|10|11|01|00|01|00|01|11|01|11|01|01| 8.0

10|11|10|10|10|11|01|10|01|00|01|11|01|11|01|01| 8.0

11|10|01|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|10|01|00|01|01|01|11|01|01| 8.0

10|11|11|11|00|11|01|11|01|01|01|10|01|11|01|01| 1.0

10|00|11|11|10|01|01|00|01|00|01|11|01|11|01|00| 1.0

00|00|00|00|10|10|01|00|01|10|01|00|00|11|01|00| 1.0

11|00|10|11|00|01|01|00|11|00|00|10|01|10|01|00| 0.0

Generation --> 759

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|10|10|01|11|01|11|01|01|01|10|01|11|01|00| 8.0

11|10|01|10|00|11|01|10|01|01|01|10|01|11|01|01| 8.0

10|10|00|10|00|11|01|10|01|10|01|01|01|11|01|01| 8.0

10|10|00|10|00|11|01|10|01|01|01|10|01|10|01|00| 8.0

10|11|10|10|10|11|00|10|11|00|01|11|01|11|01|01| 2.0

00|11|10|11|10|11|01|00|01|00|01|11|01|11|01|01| 1.0

10|11|11|11|00|11|01|10|01|01|01|10|01|11|01|00| 1.0

10|00|11|11|10|01|01|00|01|01|01|10|01|11|01|00| 1.0

00|01|00|00|10|10|01|00|01|10|01|10|01|11|01|01| 1.0

Generation --> 760

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|10|10|11|11|01|10|01|10|01|00|01|11|01|01| 8.0

11|10|01|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|11|10|01|11|01|11|01|01|01|11|01|11|01|00| 8.0

10|10|00|11|01|11|00|10|01|01|01|10|01|10|01|01| 1.0

00|11|10|11|10|11|01|00|11|00|01|10|01|11|01|00| 1.0

10|11|11|01|00|11|01|10|01|01|01|01|01|11|01|01| 1.0

00|11|00|00|10|10|01|10|01|10|01|10|01|11|01|00| 1.0

11|00|01|11|10|01|01|00|01|01|01|10|01|11|11|00| 0.0

10|10|00|10|00|11|01|10|01|10|01|01|00|10|11|00| 0.0

Generation --> 761

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|10|10|10|11|01|10|01|01|01|11|01|11|01|00| 8.0

10|10|11|10|01|11|01|10|01|11|01|10|01|11|01|00| 8.0

10|11|00|10|00|11|11|10|01|10|01|00|01|11|01|00| 2.0

11|10|01|00|00|11|11|10|01|01|01|10|01|11|01|00| 1.0

10|10|00|11|01|11|00|10|01|01|01|10|01|10|01|01| 1.0

00|11|00|11|10|11|01|00|11|01|01|10|01|11|01|01| 1.0

10|11|11|01|00|11|01|10|01|01|01|10|01|11|01|10| 1.0

00|11|00|00|10|11|11|10|01|01|01|10|01|10|01|01| 1.0

11|00|01|11|10|01|01|00|01|01|01|10|01|11|10|00| 0.0

Generation --> 762

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|11|10|01|11|01|10|01|11|01|10|01|10|01|00| 8.0

10|10|01|10|10|11|01|11|01|01|01|10|01|11|01|00| 8.0

00|10|10|10|10|10|01|10|01|01|01|10|01|11|01|10| 3.0

10|10|10|10|10|11|11|00|01|01|01|11|01|11|01|00| 2.0

10|10|00|10|00|11|11|00|01|01|01|10|01|11|01|00| 2.0

00|11|00|01|10|11|01|00|11|01|01|10|01|11|01|00| 1.0

11|00|01|11|10|01|01|00|01|01|01|10|01|11|01|00| 1.0

00|10|10|10|01|11|01|10|01|11|01|00|01|01|01|00| 0.0

11|10|00|00|00|11|11|10|01|11|01|10|01|01|01|00| 0.0

Generation --> 763

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|10|11|01|11|01|01|01|10|01|11|01|00| 8.0

00|10|10|10|10|10|01|10|01|01|01|10|00|11|01|00| 3.0

10|10|10|10|10|11|11|00|01|01|01|10|01|11|01|00| 2.0

10|10|00|10|00|11|11|00|01|00|01|10|01|11|01|00| 2.0

10|10|11|10|01|11|01|10|01|11|00|10|01|10|01|01| 1.0

00|11|00|01|10|11|01|00|01|01|01|10|01|11|01|10| 1.0

11|10|00|00|00|11|11|10|11|11|01|10|01|11|01|10| 1.0

11|00|01|11|10|01|01|00|01|01|01|10|01|11|00|00| 0.0

00|10|10|10|01|11|01|10|01|11|01|00|11|01|01|10| 0.0

Generation --> 764

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|00|10|10|11|01|11|01|01|01|10|01|11|01|00| 8.0

11|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|10|01|01|11|01|01|01|11|01|11|01|00| 3.0

00|10|10|10|10|10|01|10|01|01|01|10|00|11|01|00| 3.0

10|10|00|00|10|11|01|11|01|11|01|10|01|11|01|00| 1.0

10|10|00|10|00|11|01|10|01|00|00|10|11|11|01|01| 1.0

00|11|01|01|10|11|01|00|01|11|01|11|01|11|01|10| 1.0

00|10|11|10|01|11|01|10|00|11|00|11|01|10|01|01| 0.0

Generation --> 765

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|00|10|00|11|01|10|01|01|01|10|01|11|01|10| 8.0

10|10|00|10|10|01|01|00|01|11|01|11|01|11|01|10| 3.0

10|11|00|10|10|01|01|11|01|00|01|10|01|11|01|00| 3.0

10|10|00|10|00|11|00|10|01|01|01|10|01|11|01|00| 2.0

00|10|11|10|01|11|11|10|01|01|01|10|01|11|01|00| 2.0

00|10|00|10|10|11|01|11|01|01|00|00|01|11|01|00| 1.0

10|11|00|10|00|11|01|10|01|01|00|10|01|11|11|00| 0.0

00|11|00|10|11|10|01|11|01|01|01|10|11|11|00|00| 0.0

Generation --> 766

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|10|01|10|01|01|01|10|01|11|01|00| 3.0

00|11|01|10|10|11|01|10|01|01|01|10|11|11|01|10| 3.0

00|10|01|10|10|01|01|11|01|00|01|10|01|11|01|01| 3.0

10|10|00|10|01|10|00|10|01|01|01|10|01|11|01|00| 2.0

00|10|00|10|10|01|01|00|01|11|11|11|01|11|01|10| 1.0

00|10|11|00|01|01|11|10|01|01|01|11|01|11|01|00| 1.0

00|11|00|10|00|11|01|10|01|00|00|10|01|11|01|00| 1.0

00|10|11|10|01|11|01|10|01|01|01|10|01|11|00|10| 0.0

Generation --> 767

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|01|10|10|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|00|11|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|00|10|00|11|01|10|01|01|11|10|01|11|01|00| 1.0

10|10|00|11|00|10|01|10|01|01|01|10|01|11|01|10| 1.0

10|10|00|00|01|10|01|00|01|01|01|10|01|11|01|01| 1.0

00|10|00|10|10|01|01|00|01|11|11|11|01|11|01|10| 1.0

00|10|00|10|10|00|01|01|01|11|11|11|01|11|01|10| 1.0

00|10|11|00|01|01|11|10|01|01|01|11|01|11|01|00| 1.0

00|11|00|10|00|11|01|10|01|00|00|01|01|11|01|00| 1.0

Generation --> 768

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|01|10|10|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|01|10|10|11|01|10|01|01|01|11|01|11|01|00| 8.0

00|00|11|10|10|00|01|01|00|11|11|11|01|11|01|10| 1.0

11|10|00|10|00|11|01|10|01|01|11|10|01|10|01|00| 1.0

10|10|00|11|00|10|01|10|01|01|01|10|01|10|01|00| 1.0

00|10|11|00|01|01|11|00|11|01|01|11|01|11|01|10| 1.0

00|11|00|10|00|11|01|10|01|00|00|01|01|11|01|00| 1.0

00|10|10|10|11|00|01|01|01|01|01|10|01|11|11|00| 0.0

10|10|00|00|01|11|01|10|01|01|01|10|01|11|00|00| 0.0

Generation --> 769

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|01|10|10|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|11|10|10|11|01|10|01|01|01|11|01|11|01|10| 8.0

11|10|00|10|00|11|01|10|01|01|01|00|01|11|01|00| 8.0

00|10|01|10|10|10|01|10|01|01|01|10|01|11|01|00| 3.0

10|00|10|01|10|10|01|10|01|01|01|10|01|11|01|00| 1.0

00|10|10|00|01|01|11|00|11|01|11|00|01|11|01|00| 1.0

00|11|11|00|00|01|11|00|11|01|00|11|01|11|01|10| 1.0

10|10|01|00|01|11|00|10|01|01|01|10|01|01|01|00| 0.0

00|10|11|00|11|00|01|01|01|11|01|10|01|10|01|00| 0.0

Generation --> 770

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|01|10|10|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|00|10|00|11|01|10|01|01|01|00|01|11|01|00| 8.0

10|10|01|10|10|11|01|10|01|01|01|11|01|11|01|10| 8.0

00|10|10|10|10|01|01|10|01|01|01|11|01|11|01|10| 3.0

00|10|10|10|10|11|01|10|11|01|00|11|01|11|01|00| 1.0

10|01|10|01|11|10|01|10|01|01|01|01|01|11|01|10| 1.0

00|10|10|00|01|01|11|00|01|01|11|00|01|11|01|00| 1.0

00|11|11|01|00|01|11|00|11|01|00|11|01|11|01|10| 1.0

00|10|11|00|11|01|01|01|01|01|01|11|01|11|01|10| 1.0

Generation --> 771

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|00|10|00|11|01|10|01|01|01|00|01|11|01|01| 8.0

00|10|10|10|00|11|01|10|01|01|01|00|01|11|01|00| 8.0

01|10|10|10|10|01|01|10|01|01|01|10|01|11|01|00| 3.0

10|10|01|10|11|11|01|10|01|01|00|11|01|11|01|10| 1.0

00|10|01|00|10|01|01|11|01|01|01|11|01|11|01|10| 1.0

10|01|10|01|11|10|01|10|01|01|01|01|01|11|01|00| 1.0

00|10|11|00|11|01|01|10|01|01|01|10|01|11|01|00| 1.0

00|10|01|10|10|11|01|10|01|01|01|11|01|10|01|10| 0.0

00|11|11|01|00|01|11|00|11|01|00|10|01|10|01|00| 0.0

Generation --> 772

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|10|10|00|11|01|10|01|01|01|11|01|11|01|00| 8.0

10|10|10|10|01|11|01|10|01|01|01|00|01|11|01|00| 8.0

11|10|00|10|00|11|01|10|01|01|01|00|11|11|01|00| 3.0

00|00|11|10|00|01|01|10|01|01|01|00|01|11|01|01| 3.0

00|10|01|10|10|11|01|10|00|01|01|10|00|11|01|00| 3.0

10|00|01|10|00|11|01|10|01|01|11|00|01|11|01|00| 1.0

01|10|11|01|11|10|01|10|01|01|11|01|01|11|01|00| 1.0

00|10|01|00|10|01|01|11|01|01|01|10|01|11|01|00| 1.0

00|11|11|11|00|01|11|00|11|01|00|10|01|10|01|01| 0.0

Generation --> 773

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|10|10|00|11|01|10|01|01|01|11|01|11|01|00| 8.0

11|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|00|01|10|01|11|01|10|00|01|01|00|01|11|01|00| 8.0

10|10|10|10|01|11|01|10|11|01|01|00|01|11|01|00| 8.0

00|00|11|10|00|11|01|10|01|11|01|10|00|11|01|00| 3.0

00|11|01|10|10|11|01|10|00|01|01|10|00|11|01|00| 3.0

11|10|11|01|11|00|01|10|01|00|01|10|01|10|01|00| 1.0

00|11|11|11|00|01|11|00|01|01|01|10|01|11|01|00| 1.0

00|10|00|10|00|11|01|10|01|01|00|10|01|11|11|00| 0.0

Generation --> 774

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|10|10|00|11|01|10|11|01|01|10|01|11|01|00| 8.0

00|10|10|10|00|11|01|10|01|00|01|10|01|11|01|00| 8.0

10|10|10|10|01|11|01|10|11|01|01|00|11|11|01|00| 3.0

00|00|00|10|00|11|00|11|01|01|01|10|01|11|01|00| 2.0

10|00|01|00|11|11|01|10|00|01|01|00|01|11|01|00| 1.0

00|11|01|10|00|11|01|10|01|01|11|11|01|11|01|01| 1.0

11|10|11|01|11|00|01|10|01|00|01|10|00|10|01|00| 1.0

00|11|11|11|00|01|11|00|01|01|01|11|01|11|01|00| 1.0

11|10|10|11|00|11|01|10|01|01|01|10|01|11|11|00| 0.0

Generation --> 775

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|10|10|00|11|01|10|10|01|01|10|01|11|01|10| 8.0

00|10|10|10|00|11|01|10|01|00|01|10|01|11|01|00| 8.0

00|10|00|10|00|11|01|10|11|01|01|10|01|11|01|00| 8.0

00|00|00|10|00|11|00|11|01|01|01|10|11|11|01|10| 2.0

10|00|01|00|11|11|01|10|00|11|01|10|01|11|01|00| 1.0

11|10|11|11|11|01|01|10|01|00|01|10|00|10|01|00| 1.0

00|11|10|11|00|01|11|00|11|01|01|11|01|11|01|00| 1.0

10|10|11|10|01|11|01|10|01|01|01|11|01|11|00|00| 0.0

00|11|01|10|00|11|01|10|01|01|11|11|11|11|00|01| 0.0

Generation --> 776

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|11|10|00|11|01|10|10|01|01|10|01|11|01|00| 8.0

00|10|00|10|00|11|01|10|11|01|01|10|01|11|01|00| 8.0

00|00|00|10|00|11|01|10|10|01|01|11|01|11|01|11| 8.0

00|11|10|00|00|11|01|10|01|01|01|10|01|11|01|00| 1.0

10|00|01|00|00|11|01|10|01|01|01|10|11|11|01|00| 1.0

11|11|11|11|11|01|01|10|01|01|01|00|01|11|01|00| 1.0

00|11|01|10|00|11|01|10|01|01|10|11|11|11|01|00| 1.0

00|10|10|10|00|11|01|10|01|00|01|10|10|11|00|00| 0.0

10|10|11|10|01|11|01|10|10|01|01|10|01|11|00|10| 0.0

Generation --> 777

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|00|10|00|11|01|00|11|01|01|10|01|11|01|00| 8.0

00|00|00|10|00|11|01|10|10|01|01|11|01|11|01|11| 8.0

11|11|11|10|00|11|01|00|10|01|01|10|01|11|01|00| 8.0

00|10|10|10|00|11|01|11|00|01|01|11|01|11|01|01| 8.0

11|00|11|10|01|11|01|10|10|01|01|10|01|11|01|00| 8.0

00|10|11|10|01|01|01|10|01|01|01|11|01|11|01|00| 3.0

00|11|10|00|00|11|01|10|01|01|01|00|11|11|01|11| 1.0

10|00|01|00|00|11|01|10|01|01|01|11|11|11|01|10| 1.0

00|11|01|01|00|11|01|10|01|01|10|10|01|10|01|00| 1.0

Generation --> 778

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|01|00|10|00|11|01|10|11|11|01|11|01|11|01|00| 8.0

00|00|11|10|01|11|01|10|10|01|01|10|01|11|01|00| 8.0

00|10|00|10|00|11|00|10|00|00|01|11|11|11|01|11| 2.0

11|00|11|10|01|11|01|10|10|01|11|11|01|11|01|11| 1.0

10|00|01|00|00|11|01|10|01|01|01|11|11|11|01|10| 1.0

11|11|11|10|00|01|01|00|00|01|01|11|01|01|01|01| 0.0

00|00|10|10|00|11|01|11|00|01|01|10|01|01|01|00| 0.0

01|11|10|00|00|11|01|11|01|01|01|00|11|10|01|10| 0.0

00|11|01|00|10|11|01|10|01|01|01|00|01|11|00|00| 0.0

Generation --> 779

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|11|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|11|11|10|00|11|01|00|01|01|01|11|01|11|01|00| 8.0

00|10|10|10|00|10|01|00|10|11|01|10|01|11|01|00| 3.0

00|00|11|11|01|11|10|10|10|01|01|10|01|11|01|00| 1.0

11|00|11|10|01|10|01|00|10|01|11|11|01|11|01|10| 1.0

10|00|01|00|00|11|01|10|01|01|01|10|01|11|01|00| 1.0

00|11|01|00|10|01|01|10|11|11|01|11|01|11|01|00| 1.0

10|10|00|10|00|11|11|10|01|01|01|10|01|01|01|00| 0.0

01|11|10|00|00|11|01|11|01|00|01|00|11|10|01|00| 0.0

Generation --> 780

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|11|11|10|00|11|01|00|01|01|01|10|00|11|01|00| 3.0

00|10|10|10|00|10|01|00|10|11|01|11|01|11|01|00| 3.0

10|10|00|10|00|11|11|11|01|01|01|00|01|11|01|00| 2.0

11|00|11|10|01|10|01|01|10|01|11|11|01|11|01|00| 1.0

00|11|01|01|10|01|01|00|11|11|01|11|01|11|01|00| 1.0

00|00|01|00|00|01|01|00|01|01|00|10|11|11|01|00| 1.0

10|11|00|10|00|11|01|10|01|01|01|10|01|11|11|00| 0.0

00|00|11|10|01|10|01|00|10|01|11|11|01|11|00|10| 0.0

10|00|01|00|00|11|01|10|00|11|01|10|01|01|01|00| 0.0

Generation --> 781

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|01|10|01|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|10|10|00|10|01|00|10|11|01|11|01|11|01|00| 3.0

11|11|11|00|00|11|01|00|11|01|01|10|00|11|01|00| 1.0

10|10|00|11|01|11|11|11|01|01|01|10|00|11|01|01| 1.0

00|00|11|10|01|10|01|01|10|01|11|11|01|11|01|00| 1.0

01|00|01|00|00|01|01|01|01|01|00|10|11|11|01|00| 1.0

10|01|01|00|00|11|01|00|01|01|01|10|00|11|01|00| 1.0

10|11|00|10|00|11|01|10|01|01|01|10|01|11|11|00| 0.0

00|00|11|10|01|10|01|00|10|00|11|11|01|11|00|10| 0.0

Generation --> 782

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|10|10|00|10|01|00|10|01|01|11|01|11|01|00| 3.0

10|11|00|11|01|11|01|10|01|00|01|10|01|11|01|00| 1.0

01|11|11|00|00|11|01|00|11|01|01|10|01|11|01|00| 1.0

10|10|00|11|01|11|11|11|00|01|01|10|00|11|01|00| 1.0

00|00|11|10|01|10|01|01|10|01|11|11|01|11|01|00| 1.0

10|01|01|00|00|01|01|00|11|00|01|11|00|11|01|00| 1.0

00|00|11|10|01|10|01|01|10|00|11|11|01|11|01|00| 1.0

11|10|11|10|01|11|01|10|01|01|01|10|01|01|01|00| 0.0

11|00|01|00|00|01|01|01|01|01|00|10|11|11|00|00| 0.0

Generation --> 783

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|10|10|00|10|01|00|10|01|01|11|01|11|01|00| 3.0

10|11|00|11|01|01|01|11|01|00|01|10|01|11|01|00| 1.0

10|10|00|11|01|11|11|11|00|01|01|10|01|11|01|00| 1.0

10|01|01|00|00|11|01|00|01|01|01|10|01|11|01|00| 1.0

00|01|11|10|01|10|01|00|10|00|11|11|01|11|01|00| 1.0

11|00|01|00|00|11|01|10|00|01|01|11|00|11|01|00| 1.0

00|00|11|10|01|10|01|01|11|01|01|11|01|01|01|00| 0.0

01|11|11|00|00|01|01|00|11|01|01|10|01|01|01|00| 0.0

11|10|11|10|01|10|01|10|01|01|01|00|01|01|01|00| 0.0

Generation --> 784

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|00|10|10|00|10|01|00|10|01|01|11|01|11|01|00| 3.0

00|00|11|10|01|10|01|11|00|01|01|10|01|11|01|00| 3.0

10|11|00|11|01|01|01|11|01|00|01|10|01|11|01|00| 1.0

10|10|00|11|01|11|11|11|00|01|11|11|00|11|01|00| 1.0

11|00|01|10|01|10|01|00|10|00|11|01|01|11|01|00| 1.0

01|11|11|00|00|00|01|00|11|01|01|10|01|11|01|00| 1.0

10|01|01|00|00|11|01|10|01|01|01|10|01|11|00|00| 0.0

Generation --> 785

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|00|10|01|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|00|10|10|01|10|01|11|00|00|01|10|01|11|01|00| 3.0

01|01|01|10|01|10|01|00|01|01|01|10|01|11|01|00| 3.0

10|11|00|11|01|01|11|11|00|00|01|10|01|11|01|00| 1.0

01|11|11|00|00|00|01|10|11|01|01|10|01|11|01|00| 1.0

01|00|10|10|00|10|01|00|01|01|01|11|01|10|01|00| 0.0

10|10|00|11|01|11|11|11|00|01|01|10|01|01|01|00| 0.0

Generation --> 786

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|00|00|10|01|11|01|10|01|01|01|10|11|11|01|00| 3.0

10|10|00|10|00|11|11|10|01|01|01|10|01|11|01|00| 2.0

01|01|00|10|00|11|01|10|01|01|11|10|01|11|01|00| 1.0

10|10|00|10|00|10|01|01|00|00|00|10|01|11|01|00| 1.0

10|11|00|11|01|01|11|11|00|00|01|10|01|11|01|00| 1.0

11|11|11|00|00|01|00|11|01|01|01|10|01|11|01|00| 1.0

00|00|10|10|01|10|01|11|01|01|01|11|11|11|00|00| 0.0

01|00|10|10|10|00|01|01|01|01|01|11|01|10|01|00| 0.0

01|10|00|11|01|11|01|11|00|01|01|10|01|01|01|00| 0.0

Generation --> 787

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|00|10|00|10|01|10|01|01|01|10|01|11|01|00| 3.0

10|11|00|10|00|10|01|01|10|00|01|10|01|11|01|00| 3.0

10|10|00|10|00|11|11|10|01|01|01|00|11|11|01|01| 2.0

00|00|00|10|01|11|01|10|01|01|11|10|11|11|01|00| 1.0

01|00|01|11|10|00|01|01|01|01|01|10|11|11|01|00| 1.0

00|00|00|11|00|11|11|10|01|01|01|10|01|11|01|00| 1.0

10|11|01|11|01|11|11|01|00|00|01|10|01|11|01|00| 1.0

11|11|11|00|00|01|11|11|00|00|01|00|01|11|01|00| 1.0

01|01|00|10|00|01|01|10|01|01|10|10|01|11|00|00| 0.0

Generation --> 788

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|10|01|10|01|01|01|10|01|11|01|00| 3.0

01|10|00|10|00|10|01|10|01|00|01|10|01|11|01|00| 3.0

10|01|00|10|00|10|01|01|10|00|01|10|01|11|01|00| 3.0

01|10|00|10|00|11|00|11|01|01|01|10|01|11|01|00| 2.0

10|11|01|10|01|11|11|01|01|01|01|00|11|11|01|01| 2.0

00|10|01|11|10|00|01|01|01|01|01|10|11|11|01|00| 1.0

01|00|01|11|10|00|01|01|01|01|01|10|11|11|01|00| 1.0

00|00|00|11|00|11|11|10|01|01|01|10|01|11|01|00| 1.0

01|11|10|00|00|01|11|11|00|00|01|10|01|01|01|00| 0.0

Generation --> 789

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|00|10|00|11|01|11|01|01|01|10|01|11|01|00| 8.0

01|10|00|10|00|10|01|10|00|01|01|10|01|11|01|10| 3.0

10|01|00|10|10|11|10|01|01|01|01|00|11|11|01|01| 2.0

11|10|00|10|00|10|01|10|01|01|00|00|11|11|01|00| 1.0

00|00|00|11|00|11|11|10|00|01|01|10|01|11|01|00| 1.0

00|11|10|00|00|01|11|11|00|00|01|10|01|11|01|00| 1.0

10|11|01|10|01|10|01|10|01|00|01|10|11|11|00|00| 0.0

10|10|01|11|10|00|01|01|11|00|01|10|01|11|11|00| 0.0

01|00|01|01|10|00|01|01|01|01|01|10|11|11|11|00| 0.0

Generation --> 790

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|00|10|00|11|01|10|01|01|01|10|01|11|01|10| 8.0

10|11|00|10|00|11|01|11|01|01|01|10|01|11|01|01| 8.0

01|10|10|10|01|10|01|10|00|00|01|00|11|11|01|01| 3.0

10|01|00|10|11|11|10|01|00|01|01|10|11|11|01|00| 2.0

01|10|00|00|00|11|11|10|00|01|01|10|01|11|01|00| 1.0

00|00|01|11|01|11|11|10|00|01|01|10|01|11|01|00| 1.0

10|10|01|11|10|10|11|10|10|01|01|10|01|11|01|10| 1.0

10|11|01|10|00|11|01|10|01|01|01|10|01|11|11|00| 0.0

01|00|00|01|10|00|01|01|01|01|01|11|11|11|11|00| 0.0

Generation --> 791

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|11|00|10|00|11|01|01|01|01|01|10|01|11|01|01| 8.0

11|11|00|10|00|11|01|10|01|01|01|00|11|11|01|00| 3.0

10|01|00|10|11|11|10|01|00|01|01|10|11|11|01|00| 2.0

01|10|01|10|00|11|11|10|00|01|01|10|01|11|01|01| 2.0

10|11|00|11|00|11|01|11|01|01|01|11|01|11|01|01| 1.0

01|10|10|11|00|11|00|11|00|00|01|10|01|11|01|01| 1.0

00|00|01|11|01|11|11|10|00|01|01|10|00|11|01|00| 1.0

10|10|01|01|10|11|01|11|01|01|01|10|01|11|01|01| 1.0

01|00|00|01|10|00|01|01|01|11|00|10|11|11|11|01| 0.0

Generation --> 792

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|11|00|10|00|11|00|01|01|01|01|10|01|11|01|01| 2.0

10|11|00|11|00|10|01|01|01|01|00|10|01|11|01|01| 1.0

01|10|10|10|00|10|01|10|01|01|11|10|01|11|01|00| 1.0

10|11|00|11|00|11|01|10|01|01|01|10|01|11|01|00| 1.0

00|00|01|11|01|10|11|01|01|01|01|10|01|11|01|01| 1.0

10|10|01|01|10|11|01|11|00|01|01|10|01|11|01|01| 1.0

11|00|00|01|10|10|01|01|11|01|00|11|01|11|01|00| 1.0

11|11|00|10|00|11|01|10|01|01|01|00|11|10|01|01| 0.0

01|10|01|10|00|11|11|10|00|01|01|10|01|11|11|01| 0.0

Generation --> 793

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|11|00|10|00|11|01|01|01|11|01|00|01|11|01|00| 8.0

01|10|10|10|01|11|01|00|01|01|01|10|00|11|01|00| 3.0

11|11|00|11|01|10|10|01|01|01|01|10|01|11|01|01| 1.0

00|00|01|11|01|10|11|01|01|01|01|00|01|11|01|00| 1.0

10|10|01|01|10|11|01|11|00|01|01|10|01|11|01|01| 1.0

11|00|01|01|10|10|01|01|11|01|01|10|01|11|01|11| 1.0

11|11|00|10|00|11|01|10|01|00|00|11|01|11|01|00| 1.0

10|11|00|11|00|11|00|01|01|01|01|10|01|01|01|01| 0.0

Generation --> 794

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|10|10|01|11|01|00|01|01|01|10|00|11|01|00| 3.0

10|11|10|10|00|11|01|01|01|11|00|10|01|11|01|00| 1.0

10|11|00|10|00|11|01|10|01|00|00|11|01|11|01|00| 1.0

11|11|01|00|00|11|01|10|01|00|00|11|01|11|01|00| 1.0

00|10|00|11|00|11|01|10|01|11|01|00|01|11|00|00| 0.0

01|10|10|10|01|11|00|00|01|01|01|10|00|11|00|00| 0.0

00|00|01|11|01|10|11|01|01|01|01|00|01|11|00|00| 0.0

10|10|01|00|01|11|01|00|01|00|01|10|00|11|11|00| 0.0

11|11|00|11|00|11|00|01|01|01|01|10|01|01|01|01| 0.0

Generation --> 795

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|00|10|00|10|01|10|01|01|01|10|01|11|01|00| 3.0

11|10|10|10|01|11|01|00|01|01|00|10|01|11|01|00| 1.0

10|11|10|10|00|11|01|01|01|01|00|00|00|11|01|00| 1.0

10|11|00|10|00|11|01|10|01|00|00|11|01|11|01|10| 1.0

11|11|10|10|00|11|01|01|01|11|00|10|01|11|01|00| 1.0

01|10|10|10|11|01|00|00|01|11|10|10|11|11|01|00| 1.0

00|00|01|11|00|10|11|01|01|01|00|00|01|11|01|00| 1.0

10|10|01|10|01|11|01|10|01|00|00|11|01|11|01|00| 1.0

11|11|00|11|00|11|00|01|01|01|01|10|01|01|01|00| 0.0

Generation --> 796

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|11|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|11|00|10|00|10|01|10|01|01|01|10|11|11|01|00| 3.0

00|10|00|10|00|10|01|10|01|00|01|10|01|11|01|00| 3.0

10|10|01|10|01|10|01|10|01|01|01|10|01|11|01|00| 3.0

11|11|00|11|00|11|00|01|01|01|01|10|11|11|01|00| 2.0

11|10|10|11|11|01|00|00|01|01|01|10|01|11|01|00| 1.0

11|11|10|00|00|11|01|01|00|11|00|10|01|11|01|00| 1.0

11|10|10|10|01|11|01|00|01|01|00|10|11|10|01|00| 0.0

00|00|01|11|00|10|11|01|01|01|01|10|01|11|11|00| 0.0

Generation --> 797

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|11|00|10|00|11|01|10|01|11|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|00|10|10|00|01|10|01|00|01|10|01|11|01|00| 3.0

11|11|00|11|00|11|00|00|01|01|01|10|01|11|01|00| 1.0

11|10|10|11|11|01|01|10|01|01|01|10|01|11|01|00| 1.0

11|11|10|00|00|11|01|01|00|11|10|10|01|11|01|00| 1.0

00|00|01|01|01|10|01|10|01|01|01|10|01|11|01|00| 1.0

11|10|11|10|00|11|01|10|01|01|01|10|01|11|11|00| 0.0

10|10|01|10|01|10|01|10|11|01|01|11|01|11|11|00| 0.0

Generation --> 798

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|11|10|00|11|01|10|01|10|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|10|01|00|11|10|01|10|01|00| 1.0

00|10|00|11|10|11|01|10|00|01|11|00|01|11|01|10| 1.0

11|11|00|11|10|11|00|00|01|01|01|10|01|11|01|00| 1.0

11|10|10|11|11|01|00|10|01|01|01|10|01|11|01|10| 1.0

00|00|01|01|00|10|01|10|01|01|01|10|01|11|01|00| 1.0

10|11|00|10|00|10|00|10|01|01|01|10|01|01|01|00| 0.0

11|11|10|00|00|10|01|01|01|01|01|10|01|10|01|00| 0.0

10|10|01|10|00|10|01|10|11|01|01|11|01|11|11|00| 0.0

Generation --> 799

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|11|10|00|10|01|10|01|01|01|10|01|11|01|00| 3.0

10|11|01|10|00|10|01|10|01|01|01|11|01|11|01|00| 3.0

00|00|01|00|00|11|01|10|01|10|01|10|01|11|01|00| 1.0

10|11|10|11|00|10|00|10|01|01|00|10|01|10|01|00| 1.0

10|10|00|10|00|11|01|10|01|00|10|10|01|10|01|00| 1.0

00|10|00|10|00|11|01|10|01|00|11|10|01|10|01|00| 1.0

10|10|10|11|11|01|10|10|01|01|01|11|01|11|01|00| 1.0

11|11|01|11|10|10|10|00|01|01|01|10|01|10|01|00| 0.0

11|01|11|00|00|10|01|01|01|01|01|10|01|10|00|00| 0.0

Generation --> 800

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|11|10|00|11|01|10|01|01|01|11|01|11|01|01| 8.0

10|10|11|10|00|10|01|10|01|01|01|10|01|11|01|00| 3.0

10|10|01|10|00|10|01|10|01|01|01|00|01|11|01|00| 3.0

11|01|11|10|00|01|11|10|01|01|01|10|01|11|01|00| 2.0

10|11|01|00|10|10|01|10|01|01|01|10|01|11|01|00| 1.0

00|01|01|01|00|11|01|10|01|01|01|10|01|10|01|00| 1.0

11|10|10|01|11|01|10|10|01|01|01|11|01|11|01|10| 1.0

10|10|10|11|11|01|10|10|01|11|01|11|01|11|01|00| 1.0

11|11|01|11|10|11|01|10|01|01|01|10|01|11|01|00| 1.0

Generation --> 801

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|11|10|00|11|01|10|01|01|01|11|01|11|01|11| 8.0

10|10|00|10|00|11|01|10|11|01|01|10|01|11|01|01| 8.0

11|01|11|10|01|11|01|10|01|01|01|11|11|11|01|00| 3.0

10|10|10|10|00|01|11|10|01|01|01|10|01|11|01|00| 2.0

11|10|11|00|00|11|01|10|01|01|01|00|01|11|01|00| 1.0

10|10|01|00|10|10|01|10|01|01|01|10|01|11|01|00| 1.0

11|10|10|01|10|11|11|00|01|00|01|10|01|11|01|00| 1.0

11|11|01|11|10|11|01|10|01|01|01|10|01|11|01|00| 1.0

10|10|11|11|00|10|01|10|01|01|01|10|01|01|01|10| 0.0

Generation --> 802

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|10|11|11|01|11|01|11|01|11| 8.0

00|10|11|10|00|11|01|10|00|01|01|10|11|10|01|00| 3.0

11|01|11|10|00|01|11|10|11|01|01|10|01|11|01|01| 2.0

10|10|10|10|00|01|11|10|01|11|01|10|01|11|01|00| 2.0

10|10|11|10|00|11|01|10|01|01|00|11|01|11|01|11| 1.0

11|10|10|01|10|11|11|00|01|00|01|10|01|11|01|00| 1.0

11|11|00|11|10|11|01|10|11|01|01|10|01|11|01|00| 1.0

10|00|01|00|10|10|01|10|01|01|01|01|01|01|01|00| 0.0

10|10|11|11|00|10|01|10|01|01|01|10|01|01|11|00| 0.0

Generation --> 803

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|10|11|11|01|11|01|11|01|10| 8.0

10|10|00|10|00|11|01|10|11|11|01|11|01|11|01|11| 8.0

10|10|00|10|00|11|01|10|11|11|01|10|11|10|01|00| 3.0

00|10|11|10|10|11|01|10|00|01|01|10|11|10|01|00| 3.0

10|10|11|10|00|11|01|10|00|01|01|10|11|10|01|00| 3.0

11|01|11|10|00|01|11|10|11|01|01|00|01|11|01|01| 2.0

10|10|10|10|01|01|11|00|01|11|01|10|01|11|01|00| 2.0

10|10|11|10|00|11|01|10|01|01|10|11|01|11|01|01| 1.0

00|10|11|11|00|10|01|10|01|01|01|10|01|01|11|00| 0.0

Generation --> 804

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|01|10|00|11|01|10|01|11|01|11|01|11|01|11| 8.0

10|10|00|10|00|10|01|10|01|01|01|10|01|11|01|00| 3.0

10|10|11|10|01|11|11|10|11|11|01|11|01|11|01|10| 2.0

10|11|10|10|01|01|11|00|11|11|01|10|11|11|01|00| 2.0

10|10|00|10|00|11|01|10|01|11|00|10|01|11|01|00| 1.0

11|01|11|00|00|01|01|10|11|11|01|11|00|11|01|11| 1.0

00|10|01|10|11|11|01|11|00|11|01|11|01|11|00|11| 0.0

10|10|11|10|00|11|00|10|00|01|01|10|11|10|00|00| 0.0

00|10|11|11|00|10|11|00|01|01|01|00|01|01|01|11| 0.0

Generation --> 805

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|01|10|00|11|01|10|01|01|01|11|01|11|01|11| 8.0

11|10|00|10|00|11|01|10|01|11|01|11|10|11|01|11| 3.0

10|10|01|10|00|10|01|10|01|01|01|10|01|11|01|00| 3.0

10|00|11|10|00|10|01|10|01|00|01|10|01|11|01|00| 3.0

11|01|11|00|00|01|01|10|11|11|01|11|00|11|01|00| 1.0

00|10|11|11|00|11|01|10|01|11|01|11|01|11|01|11| 1.0

10|10|00|10|00|11|01|10|01|01|01|10|01|01|01|00| 0.0

10|10|00|10|00|10|01|10|01|01|01|11|01|11|11|00| 0.0

00|10|01|10|11|11|11|11|00|11|01|11|01|11|00|11| 0.0

Generation --> 806

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|01|10|00|11|01|00|01|01|01|11|01|11|01|11| 8.0

11|10|00|10|00|11|01|10|01|01|01|11|11|11|01|00| 3.0

10|10|01|10|00|10|01|10|01|01|01|10|01|10|01|00| 3.0

10|00|11|10|00|10|01|10|01|00|01|10|00|11|01|11| 3.0

10|10|00|10|00|11|01|10|01|11|01|11|11|11|01|11| 3.0

00|10|01|00|11|11|11|01|00|11|01|11|00|11|01|11| 1.0

00|10|11|11|00|11|01|10|01|11|01|11|01|11|01|00| 1.0

11|10|01|10|00|11|01|10|01|01|01|11|01|11|00|11| 0.0

11|10|00|10|00|11|01|10|01|01|01|10|01|01|01|00| 0.0

Generation --> 807

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|01|10|10|11|01|00|01|01|01|11|01|11|01|11| 8.0

10|00|11|10|00|10|01|10|01|00|01|10|00|11|01|10| 3.0

11|10|01|10|00|11|01|10|01|11|01|11|11|11|01|11| 3.0

11|00|01|10|00|11|01|00|01|01|01|11|00|01|01|00| 0.0

11|10|00|10|00|11|01|10|01|01|01|11|01|11|11|11| 0.0

10|10|01|10|00|10|01|10|01|01|01|11|01|11|11|11| 0.0

00|10|01|00|11|11|11|01|00|11|01|11|00|10|01|11| 0.0

00|10|10|11|00|11|01|10|01|11|01|11|01|10|01|00| 0.0

11|10|00|00|00|11|01|10|01|01|01|10|01|01|01|11| 0.0

Generation --> 808

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|01|10|10|11|01|01|01|01|01|11|01|11|01|11| 8.0

11|00|01|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|01|10|01|11|01|11|01|00|01|10|00|11|01|10| 3.0

10|00|11|10|00|10|01|11|01|00|00|10|00|11|01|10| 1.0

00|10|10|11|00|11|01|10|01|11|11|11|01|11|01|11| 1.0

11|10|00|11|00|11|01|10|01|01|01|11|01|01|11|11| 0.0

10|10|01|10|00|10|01|10|01|01|01|11|01|11|11|11| 0.0

00|10|01|10|00|11|01|00|00|01|01|11|10|01|01|00| 0.0

11|10|00|00|11|11|01|10|11|01|11|11|01|01|01|11| 0.0

Generation --> 809

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|01|10|01|11|01|11|00|00|01|10|01|11|01|00| 8.0

11|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|00|01|10|00|11|01|10|01|01|01|10|11|11|01|00| 3.0

10|10|00|10|10|11|01|01|01|00|01|10|00|11|01|00| 3.0

00|00|11|10|00|10|01|11|00|01|01|11|01|11|01|11| 3.0

10|10|01|10|00|10|01|11|01|00|01|10|00|11|01|10| 3.0

10|10|10|11|00|11|01|10|01|11|11|11|01|11|01|11| 1.0

11|10|00|00|11|11|01|11|01|01|01|10|01|11|00|00| 0.0

00|10|01|10|10|11|01|00|00|01|01|11|10|01|01|00| 0.0

Generation --> 810

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|00|01|10|01|11|01|11|00|00|01|10|01|11|01|00| 8.0

10|11|10|10|00|11|01|11|00|00|01|10|01|11|01|00| 8.0

11|10|00|10|10|10|01|11|01|00|01|10|00|11|01|00| 3.0

00|00|11|10|10|10|01|11|00|01|01|11|01|11|01|00| 3.0

11|10|00|10|00|11|11|10|01|01|01|10|01|11|01|00| 2.0

11|00|01|10|00|11|01|10|01|01|00|10|11|11|01|00| 1.0

10|10|00|10|00|11|01|10|01|01|01|10|01|01|01|00| 0.0

11|10|00|00|11|11|01|11|01|01|01|10|01|11|00|11| 0.0

00|10|01|10|10|11|00|00|00|01|01|11|10|01|01|11| 0.0

Generation --> 811

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|00|11|10|01|11|01|11|00|00|01|10|01|11|01|00| 8.0

11|00|01|10|01|11|01|11|01|00|01|10|11|11|01|00| 3.0

10|10|00|10|00|11|01|10|01|01|01|10|00|11|01|00| 3.0

11|10|00|10|00|11|11|10|01|01|01|10|01|11|01|01| 2.0

00|10|01|10|10|11|00|00|00|01|01|10|01|11|01|00| 2.0

11|10|00|10|10|10|01|11|10|00|00|10|01|11|01|00| 1.0

11|00|01|10|10|11|01|10|01|11|00|10|01|11|01|00| 1.0

11|10|00|00|11|11|01|11|01|01|01|00|01|11|01|00| 1.0

10|11|10|10|00|11|01|11|00|00|01|10|01|11|11|00| 0.0

Generation --> 812

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|00|11|10|01|11|01|11|00|10|01|10|01|11|01|00| 8.0

11|00|01|10|10|11|01|11|00|00|01|10|01|11|01|00| 8.0

00|10|01|10|10|11|01|11|00|00|01|10|01|11|01|00| 8.0

10|10|00|10|00|01|01|10|01|01|01|10|01|11|01|00| 3.0

10|10|00|10|10|10|01|11|11|00|01|10|10|11|01|00| 3.0

11|10|00|10|00|11|11|11|01|00|01|10|01|11|01|00| 2.0

10|10|00|11|00|11|01|10|01|01|01|10|00|11|01|00| 1.0

11|00|00|10|00|11|01|10|01|01|11|10|00|11|01|00| 1.0

11|01|00|00|11|11|01|11|01|01|01|00|01|11|01|00| 1.0

Generation --> 813

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|00|11|10|01|11|01|11|00|11|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|10|01|11|01|10|01|11|01|00| 8.0

00|10|01|10|10|11|01|11|00|00|01|10|01|11|01|00| 8.0

11|00|01|10|10|11|01|11|00|00|01|10|01|11|01|00| 8.0

11|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|11|00|10|01|10|00|11|01|00| 3.0

10|00|00|10|10|10|01|11|01|00|01|10|01|11|01|00| 3.0

11|10|00|10|00|11|11|11|00|10|01|10|01|11|01|00| 2.0

11|00|00|00|11|11|00|11|01|01|01|10|01|11|00|00| 0.0

Generation --> 814

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|00|11|10|01|11|01|11|00|11|01|10|01|11|01|00| 8.0

10|10|00|10|01|11|01|11|00|11|01|10|01|11|01|01| 8.0

01|10|01|10|10|11|01|11|01|11|01|10|01|11|01|00| 8.0

11|00|01|10|10|11|01|11|00|00|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|11|00|10|01|10|01|11|01|00| 8.0

10|00|00|10|10|10|01|11|01|00|01|10|01|11|01|00| 3.0

11|10|00|10|00|11|11|11|00|10|01|10|11|11|01|00| 2.0

11|10|00|10|00|11|01|10|11|01|01|00|01|10|11|00| 0.0

11|00|00|11|00|11|01|10|01|01|11|10|01|11|11|00| 0.0

Generation --> 815

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|11|10|01|11|01|10|00|11|01|10|01|11|01|01| 8.0

10|10|00|10|01|11|01|11|00|11|01|10|01|11|01|00| 8.0

01|10|01|10|11|11|01|11|00|01|01|10|01|11|01|01| 8.0

11|00|00|10|10|11|01|11|00|00|01|10|01|11|01|10| 8.0

10|10|00|10|00|11|01|11|00|11|01|10|01|11|01|00| 8.0

11|10|00|10|10|11|01|11|00|00|01|10|01|11|01|00| 8.0

11|10|01|10|10|11|01|10|00|00|01|10|01|11|01|00| 8.0

10|00|01|10|10|10|01|11|00|00|01|10|01|11|01|00| 3.0

11|10|00|10|00|11|01|00|00|00|00|10|01|11|00|00| 0.0

Generation --> 816

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|11|10|11|11|01|10|00|11|01|10|01|10|01|00| 8.0

11|10|00|10|11|11|01|01|00|00|01|10|01|11|01|00| 8.0

11|10|00|10|10|11|01|10|00|11|01|10|01|11|01|01| 8.0

10|00|01|10|10|11|01|11|00|11|01|10|01|11|01|01| 8.0

01|10|01|10|01|11|01|11|00|11|01|11|00|11|01|00| 3.0

11|00|00|00|10|11|01|11|00|01|01|10|01|11|01|00| 1.0

10|11|00|11|00|11|01|11|00|11|01|10|01|11|01|10| 1.0

11|10|00|10|00|11|01|00|00|00|00|10|01|11|01|00| 1.0

10|10|00|10|01|11|01|10|00|00|01|11|01|11|11|00| 0.0

Generation --> 817

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|11|10|11|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|00|10|10|11|01|10|00|11|01|10|01|11|01|10| 8.0

10|00|01|10|10|11|01|10|01|01|01|11|01|11|01|00| 8.0

11|11|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|00|00|10|11|10|01|01|10|00|01|11|01|11|01|00| 3.0

01|10|01|10|01|11|11|11|00|11|01|11|00|11|01|00| 2.0

11|10|11|10|01|11|01|11|00|11|11|11|01|11|01|01| 1.0

10|11|00|11|00|11|00|11|00|11|01|10|01|11|01|00| 1.0

11|10|00|10|10|01|01|10|00|00|01|10|01|11|11|01| 0.0

Generation --> 818

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|00|10|10|11|01|10|00|11|01|10|01|11|01|10| 8.0

11|11|00|10|00|11|01|00|01|01|01|10|01|11|01|10| 8.0

11|00|00|10|11|11|01|10|01|01|01|10|01|11|01|01| 8.0

11|10|11|10|01|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|00|10|10|01|01|10|00|11|01|00|01|11|01|10| 3.0

00|10|11|10|11|11|01|10|01|00|00|10|01|11|01|00| 1.0

10|00|01|11|10|11|01|10|01|01|01|11|01|11|01|00| 1.0

10|11|00|11|00|11|00|11|00|11|01|00|01|11|01|10| 1.0

01|00|01|10|01|11|01|11|00|11|11|10|01|11|00|11| 0.0

Generation --> 819

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|11|00|10|10|11|01|11|01|01|01|10|01|11|01|01| 8.0

01|11|00|10|00|11|01|00|01|01|01|10|01|11|01|10| 8.0

11|10|00|10|11|11|11|10|01|01|01|10|01|11|01|01| 2.0

00|10|11|11|11|11|01|10|01|00|00|10|01|11|01|10| 1.0

10|00|11|11|10|11|01|00|01|01|01|10|01|11|01|10| 1.0

10|11|00|11|01|11|01|10|01|01|01|10|01|10|01|01| 1.0

10|10|11|10|01|11|01|10|01|01|01|10|01|11|00|00| 0.0

11|10|00|11|10|01|01|10|00|11|01|00|01|00|01|10| 0.0

01|00|01|10|01|11|01|00|00|11|11|10|01|11|00|11| 0.0

Generation --> 820

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|11|11|10|01|11|00|10|01|01|01|10|01|11|01|01| 2.0

11|10|00|10|00|10|11|00|01|01|01|00|01|11|01|10| 2.0

11|10|00|10|11|11|11|10|01|11|01|11|01|11|01|10| 2.0

01|01|00|11|00|11|01|00|01|01|01|10|01|11|01|01| 1.0

11|11|00|11|11|11|11|10|01|01|01|10|01|11|01|01| 1.0

00|11|11|11|11|11|01|11|01|01|01|10|01|11|01|00| 1.0

11|00|11|11|10|01|01|00|01|01|01|10|01|11|01|10| 1.0

10|11|00|11|01|11|01|10|01|01|01|10|01|10|01|01| 1.0

01|00|01|10|01|11|01|00|00|11|11|10|01|11|00|11| 0.0

Generation --> 821

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|11|11|10|01|11|00|10|01|01|01|10|01|11|01|01| 2.0

11|10|00|10|00|11|11|10|01|01|01|10|01|11|01|01| 2.0

10|10|00|10|10|11|11|10|01|11|00|11|01|11|01|10| 1.0

01|01|00|11|00|11|01|00|01|01|01|10|01|11|01|10| 1.0

11|11|00|11|11|11|11|10|01|11|01|10|00|11|01|01| 1.0

01|11|11|11|11|11|01|11|01|01|01|10|01|11|01|00| 1.0

11|10|11|11|10|01|01|00|00|11|01|00|01|11|01|01| 1.0

10|11|00|11|01|11|01|10|01|01|01|10|01|11|01|00| 1.0

01|01|01|10|01|11|01|00|00|11|11|00|01|11|01|10| 1.0

Generation --> 822

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|11|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|00|10|00|11|11|10|01|01|01|10|01|11|01|01| 2.0

10|01|11|11|01|11|00|11|01|01|01|10|01|11|01|01| 1.0

01|01|00|11|00|11|01|00|00|11|11|00|01|11|01|00| 1.0

11|11|00|11|11|11|11|10|01|01|01|10|01|11|01|01| 1.0

01|11|10|11|11|11|01|11|01|01|01|10|01|11|01|11| 1.0

11|10|11|11|10|01|00|00|00|11|01|00|01|11|01|00| 1.0

10|10|00|10|10|11|11|10|01|11|00|11|01|10|01|10| 0.0

01|01|01|10|10|11|01|00|00|11|11|00|01|10|01|01| 0.0

Generation --> 823

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|11|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|11|00|10|00|11|00|10|01|01|01|10|01|11|01|00| 2.0

11|10|00|10|00|11|11|10|01|01|01|10|01|11|01|00| 2.0

10|00|01|11|01|11|00|11|01|01|01|10|01|11|01|00| 1.0

11|11|00|11|11|01|11|10|01|01|01|10|01|11|01|00| 1.0

01|01|01|11|00|10|01|10|00|11|11|00|01|01|01|01| 0.0

01|11|10|11|11|11|01|11|01|01|00|10|01|01|01|00| 0.0

10|11|00|10|10|11|11|10|01|11|00|11|01|10|01|10| 0.0

01|11|01|10|10|11|01|00|00|11|11|00|01|10|01|01| 0.0

Generation --> 824

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|11|01|10|10|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|11|00|10|00|11|10|10|01|01|01|10|01|11|01|00| 2.0

11|10|00|10|00|11|11|10|01|01|01|10|01|11|01|00| 2.0

01|11|00|10|00|11|00|10|01|01|01|10|01|10|01|00| 2.0

10|11|00|10|10|11|11|10|01|01|01|10|01|11|01|00| 2.0

10|11|00|10|00|11|01|10|01|01|01|10|01|11|11|00| 0.0

11|11|00|10|10|11|11|10|01|01|01|10|01|01|01|00| 0.0

00|01|01|11|01|10|01|10|00|11|11|00|01|01|01|01| 0.0

Generation --> 825

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|11|01|10|10|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|01|11|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|00|10|00|11|10|10|01|01|01|10|01|11|01|00| 2.0

11|10|00|10|00|11|10|10|01|01|01|10|01|11|01|00| 2.0

11|11|00|10|10|11|11|10|01|01|01|10|01|11|01|00| 2.0

00|11|00|00|00|11|10|10|01|01|01|10|01|11|01|00| 1.0

00|10|00|10|00|11|01|10|01|01|01|10|01|11|00|00| 0.0

10|11|00|10|10|01|11|10|01|01|01|11|01|10|01|00| 0.0

10|11|00|10|00|11|00|10|11|01|01|10|01|00|11|00| 0.0

Generation --> 826

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|01|10|10|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|11|11|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|11|01|10|10|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|01|11|10|00|01|01|10|11|01|01|10|01|11|01|00| 3.0

11|10|00|10|00|11|10|10|01|11|01|10|11|11|01|00| 2.0

10|11|00|10|11|01|11|10|01|01|01|10|01|11|01|00| 2.0

10|11|00|10|00|11|00|10|10|01|01|10|00|11|01|00| 2.0

00|10|00|11|00|11|10|00|01|01|01|10|01|11|01|00| 1.0

00|11|00|00|00|11|10|10|01|01|01|10|01|11|01|10| 1.0

Generation --> 827

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|01|10|10|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|11|01|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|11|01|10|00|11|01|10|01|11|01|11|11|11|01|00| 3.0

00|01|11|10|00|01|01|10|11|00|01|10|01|11|01|10| 3.0

10|11|00|10|00|11|00|10|10|01|01|10|01|11|01|00| 2.0

00|10|00|11|00|11|10|00|01|01|01|10|01|11|01|00| 1.0

10|11|10|00|00|11|10|10|01|01|11|10|01|11|01|11| 1.0

11|10|01|10|00|11|10|10|01|01|01|11|01|11|11|00| 0.0

10|11|00|10|11|01|11|10|01|11|01|10|01|01|01|00| 0.0

Generation --> 828

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|01|10|10|11|01|11|01|01|01|10|01|11|01|00| 8.0

00|11|01|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|01|01|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|01|11|10|00|01|01|10|11|01|01|10|01|11|01|00| 3.0

10|11|01|10|00|11|01|10|01|11|01|11|11|11|01|00| 3.0

00|11|00|11|00|11|00|00|01|01|01|10|01|11|01|00| 1.0

10|11|10|00|00|11|10|00|01|01|11|10|01|11|01|10| 1.0

11|10|11|10|00|10|10|10|01|11|01|11|01|11|11|10| 0.0

10|11|10|10|11|01|11|10|01|11|00|10|11|01|11|00| 0.0

Generation --> 829

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|01|10|00|01|01|10|11|01|01|10|01|11|01|00| 3.0

00|01|11|10|00|01|01|10|11|01|01|10|01|11|01|00| 3.0

00|11|01|10|00|11|00|11|01|01|01|10|01|11|01|10| 2.0

01|01|01|10|00|11|11|11|01|01|01|10|01|11|01|00| 2.0

10|11|10|00|00|11|10|00|01|01|11|10|01|11|01|00| 1.0

10|11|01|10|00|11|01|10|11|11|01|10|11|11|00|00| 0.0

01|11|01|11|00|11|00|10|00|01|01|10|01|10|00|00| 0.0

11|10|11|10|10|10|10|10|01|11|01|11|01|11|11|10| 0.0

10|11|10|11|11|01|11|10|01|11|00|10|11|01|11|00| 0.0

Generation --> 830

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|11|01|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|11|00|10|00|11|01|10|01|01|01|10|01|10|01|00| 8.0

01|11|01|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|01|11|10|00|01|01|10|01|01|01|10|01|11|01|00| 3.0

01|01|01|10|00|11|11|10|01|01|01|10|01|11|01|00| 2.0

11|10|11|10|10|10|10|10|01|11|01|11|01|11|01|00| 2.0

01|11|01|11|10|11|00|10|01|01|01|10|01|11|01|10| 1.0

00|11|11|10|00|11|01|10|11|11|01|11|11|11|11|00| 0.0

10|11|10|11|11|01|11|11|01|11|00|00|01|11|00|00| 0.0

Generation --> 831

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|11|00|10|00|11|01|10|01|01|01|10|01|10|01|00| 8.0

00|10|11|10|00|11|01|10|11|01|01|10|01|11|01|10| 8.0

00|11|01|10|10|10|01|10|01|01|01|10|00|11|01|00| 3.0

00|01|11|10|00|01|01|10|01|01|01|10|01|11|01|00| 3.0

01|01|01|10|00|11|11|10|01|01|01|10|01|11|01|00| 2.0

01|11|01|00|00|11|00|10|01|01|01|10|01|11|01|00| 1.0

01|10|01|11|10|11|00|10|01|01|01|10|01|10|01|00| 1.0

11|10|10|10|10|11|01|10|01|01|01|00|01|11|11|00| 0.0

10|11|10|11|11|01|11|01|01|11|00|00|01|11|00|00| 0.0

Generation --> 832

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|11|00|10|00|11|01|10|11|00|01|10|01|11|01|10| 8.0

00|10|10|10|00|11|01|10|11|01|01|10|01|11|01|00| 8.0

11|10|10|10|10|11|01|11|01|11|01|00|01|11|01|00| 8.0

00|01|11|10|00|01|01|10|01|00|01|10|01|11|01|00| 3.0

00|11|01|10|10|10|00|10|01|01|01|10|00|11|01|00| 2.0

01|01|01|10|00|11|11|10|01|01|01|10|01|11|01|10| 2.0

11|10|01|00|00|11|00|10|01|01|01|10|01|11|00|00| 0.0

01|10|01|11|10|11|00|10|01|01|01|10|01|11|11|00| 0.0

10|11|10|11|11|01|11|01|11|11|00|00|01|11|00|00| 0.0

Generation --> 833

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|01|00|10|00|11|01|10|10|00|01|10|01|11|01|00| 8.0

11|10|10|10|10|11|01|01|01|11|01|00|01|11|01|10| 8.0

10|11|10|10|00|11|01|10|11|01|01|10|01|11|01|00| 8.0

00|01|00|10|00|11|01|10|11|00|01|10|11|11|01|10| 3.0

00|11|01|10|10|10|00|11|01|01|01|10|00|11|01|00| 2.0

01|01|01|10|10|11|11|10|01|01|01|10|01|11|01|10| 2.0

11|10|01|00|00|11|01|10|01|01|01|11|01|11|01|00| 1.0

01|10|01|11|10|11|00|10|01|01|01|10|00|10|01|00| 1.0

00|10|10|00|01|11|01|11|01|01|01|00|01|11|11|00| 0.0

Generation --> 834

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|01|10|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|01|00|10|00|11|01|11|10|00|01|10|01|11|01|00| 8.0

00|01|00|10|00|11|01|10|11|00|01|10|11|10|01|10| 3.0

00|01|00|00|00|11|01|10|10|00|01|10|01|11|01|00| 1.0

11|11|01|11|11|11|00|10|01|01|01|10|01|11|01|00| 1.0

00|11|11|00|01|11|01|11|01|01|01|01|01|11|01|00| 1.0

10|01|00|10|00|11|01|10|10|00|01|10|01|01|01|00| 0.0

01|01|00|10|00|11|01|10|01|00|01|10|01|11|11|00| 0.0

00|01|01|10|10|11|01|00|11|01|01|10|11|11|11|10| 0.0

Generation --> 835

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|01|00|10|00|11|01|10|10|01|01|10|01|11|01|00| 8.0

01|10|00|10|00|11|01|10|01|01|01|11|01|11|01|00| 8.0

00|01|00|10|10|11|01|00|01|01|01|10|01|11|01|00| 8.0

10|01|10|10|00|11|00|10|01|01|01|10|01|11|01|10| 2.0

00|01|00|00|00|11|01|10|10|00|00|10|01|11|01|00| 1.0

01|11|01|11|11|11|00|10|01|01|01|10|01|11|01|00| 1.0

00|01|00|10|01|11|01|00|01|01|01|10|01|11|11|00| 0.0

00|01|00|10|00|11|01|10|10|00|00|00|11|10|01|10| 0.0

00|11|11|00|01|11|01|11|01|01|01|01|01|01|01|00| 0.0

Generation --> 836

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|01|00|10|00|11|01|10|10|01|01|10|01|11|01|00| 8.0

01|10|00|10|00|11|01|10|11|01|01|10|01|11|01|11| 8.0

00|01|00|10|01|11|01|00|01|01|01|10|01|11|01|00| 8.0

01|10|00|10|00|11|11|10|01|01|01|11|01|11|01|00| 2.0

10|01|10|10|00|11|00|10|01|01|01|10|01|11|01|00| 2.0

00|01|00|00|00|11|01|10|10|00|00|10|01|11|01|00| 1.0

01|11|01|11|11|11|00|10|01|01|01|10|01|11|01|00| 1.0

00|01|11|00|01|11|01|01|01|01|01|00|01|11|01|00| 1.0

00|01|00|11|11|01|01|00|01|01|01|10|01|11|00|00| 0.0

Generation --> 837

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|00|10|00|11|01|10|10|01|01|10|01|11|01|11| 8.0

10|10|00|10|10|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|01|00|10|10|01|01|10|01|01|01|10|01|11|01|00| 3.0

00|01|00|10|00|11|01|10|01|01|01|10|00|11|01|00| 3.0

01|10|00|10|00|11|11|10|01|00|00|11|00|11|01|00| 1.0

10|01|10|10|00|11|00|10|01|01|11|10|01|11|01|11| 1.0

00|01|00|11|11|01|01|00|01|00|01|10|01|11|01|00| 1.0

00|01|11|00|01|11|01|11|10|01|01|10|01|00|01|00| 0.0

Generation --> 838

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|10|11|01|10|01|01|01|10|01|11|01|11| 8.0

01|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|00|10|01|11|01|10|01|01|01|11|01|11|01|00| 8.0

10|11|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|00|10|00|11|01|10|11|01|01|10|11|11|01|00| 3.0

00|00|01|10|00|11|01|10|01|01|01|10|00|11|01|00| 3.0

01|10|10|00|10|11|00|10|10|00|01|10|01|11|01|11| 1.0

10|01|10|10|00|11|00|10|01|01|11|10|01|11|01|00| 1.0

00|01|00|11|11|01|01|00|01|00|01|10|11|11|01|00| 1.0

Generation --> 839

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|11|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|00|10|01|01|01|10|01|01|01|11|01|11|01|00| 3.0

00|00|01|10|00|11|01|10|01|11|01|10|00|11|01|01| 3.0

10|01|10|10|00|11|00|10|01|01|01|10|11|11|01|11| 2.0

10|10|00|10|10|11|01|10|01|01|11|10|01|11|01|00| 1.0

01|10|00|00|00|11|01|11|01|01|01|10|01|11|01|00| 1.0

01|10|10|00|10|11|00|10|11|00|01|10|01|11|01|00| 1.0

01|10|00|10|00|11|01|10|01|01|01|10|01|11|00|00| 0.0

11|10|00|10|00|11|01|10|11|01|01|10|11|01|01|00| 0.0

Generation --> 840

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|11|00|10|00|11|01|10|01|01|01|00|01|11|01|00| 8.0

11|10|10|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|01|10|00|11|01|10|01|01|01|10|00|11|01|00| 3.0

10|01|10|10|00|11|00|10|01|01|01|11|01|11|01|00| 2.0

00|10|00|10|01|01|01|00|01|00|00|11|01|11|01|00| 1.0

10|10|00|10|10|11|11|11|01|00|11|10|01|11|01|00| 1.0

01|00|00|00|01|01|01|10|01|01|01|11|01|11|01|00| 1.0

01|10|10|00|10|01|01|10|01|01|11|10|01|11|01|00| 1.0

11|11|00|10|00|11|01|10|10|01|01|10|11|01|01|00| 0.0

Generation --> 841

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|00|00|10|10|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|10|10|10|01|01|10|00|01|01|10|01|11|01|00| 3.0

00|10|01|10|00|01|01|10|01|01|01|10|01|11|01|00| 3.0

10|01|10|10|00|11|00|10|00|01|01|11|01|11|01|00| 2.0

10|10|00|11|00|11|01|10|01|01|00|10|01|11|01|00| 1.0

11|11|10|10|00|11|01|10|01|01|11|10|01|11|01|01| 1.0

11|10|00|10|11|11|11|11|01|00|11|10|01|11|01|00| 1.0

01|10|00|00|10|11|01|10|01|01|01|10|01|11|01|00| 1.0

01|01|00|00|01|01|00|10|01|00|01|00|00|01|01|00| 0.0

Generation --> 842

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|00|00|10|01|11|01|10|00|01|01|00|01|11|01|00| 8.0

10|00|01|10|00|01|01|10|01|01|01|10|01|11|01|01| 3.0

11|00|00|10|11|11|01|10|01|01|01|10|11|11|01|00| 3.0

11|10|10|10|10|01|01|10|01|01|01|10|00|11|01|00| 3.0

00|11|01|10|00|01|01|10|00|01|01|10|01|11|01|00| 3.0

11|11|10|10|10|11|11|10|01|01|01|10|01|11|01|10| 2.0

10|10|00|11|00|11|01|10|01|01|00|10|01|11|01|00| 1.0

01|10|00|00|10|11|01|10|00|01|01|10|01|11|01|00| 1.0

01|01|00|01|01|01|01|00|00|01|01|10|00|11|01|00| 1.0

Generation --> 843

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|00|00|10|11|11|01|10|00|01|01|10|01|11|01|00| 8.0

10|00|00|10|00|01|01|10|00|01|01|10|01|11|01|00| 3.0

10|00|01|10|00|01|01|10|01|01|01|10|01|11|01|01| 3.0

00|01|00|10|00|01|01|10|00|01|01|10|01|10|01|10| 3.0

10|11|10|10|10|11|11|10|01|01|01|01|01|11|01|00| 2.0

10|10|00|10|00|01|01|10|01|01|11|10|01|10|01|00| 1.0

10|10|00|11|00|11|01|10|00|01|01|00|01|11|01|01| 1.0

01|10|01|00|10|11|01|10|01|00|01|10|01|11|01|10| 1.0

01|01|00|01|01|01|01|01|00|01|01|10|00|11|11|11| 0.0

Generation --> 844

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|00|00|10|11|11|01|10|00|01|01|10|01|11|01|10| 8.0

10|11|10|10|10|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|00|00|10|00|01|01|10|00|00|01|10|11|11|01|00| 3.0

10|00|11|10|00|01|01|10|01|11|01|10|01|11|01|01| 3.0

00|01|00|10|00|01|01|10|00|01|01|10|00|11|01|00| 3.0

00|10|00|10|00|11|00|10|00|01|01|10|01|11|01|01| 2.0

10|10|00|10|00|01|01|10|00|00|11|11|01|11|01|00| 1.0

10|10|00|11|00|11|01|10|00|01|01|00|01|11|01|11| 1.0

01|10|01|01|10|11|01|00|01|00|01|10|01|11|01|00| 1.0

Generation --> 845

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|00|00|10|11|11|01|10|00|01|01|10|01|11|01|10| 8.0

10|00|10|10|11|11|01|10|00|01|01|10|01|11|01|01| 8.0

10|10|10|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|00|00|10|11|00|01|10|00|01|01|10|01|11|01|10| 3.0

10|01|10|10|10|01|01|10|01|11|01|10|01|11|01|01| 3.0

10|00|00|10|00|01|01|00|00|01|01|10|11|11|01|00| 3.0

01|10|01|01|00|11|01|10|01|01|01|10|11|11|01|00| 1.0

00|10|00|10|00|11|00|10|00|01|01|10|01|11|00|10| 0.0

10|10|00|11|00|11|11|10|00|11|11|00|01|01|01|00| 0.0

Generation --> 846

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|00|00|10|11|11|01|10|00|01|01|10|01|11|01|01| 8.0

11|00|10|10|11|11|01|10|00|01|01|10|01|11|01|01| 8.0

10|10|00|10|00|11|01|10|00|01|01|00|01|11|01|11| 8.0

00|10|00|10|00|11|00|10|10|01|01|10|01|11|01|11| 2.0

01|00|00|10|11|00|11|10|00|01|00|10|01|11|01|10| 1.0

10|01|10|10|10|01|01|10|01|11|00|10|01|11|01|01| 1.0

10|00|00|11|00|01|01|00|00|01|01|10|01|11|01|00| 1.0

01|10|01|01|00|11|01|10|01|01|00|10|01|11|01|01| 1.0

10|10|00|11|00|11|11|10|00|11|11|00|01|11|01|01| 1.0

Generation --> 847

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|00|10|10|11|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|00|00|10|11|11|01|10|00|01|01|11|01|11|01|01| 8.0

11|00|00|10|10|11|01|10|00|01|01|10|00|11|01|01| 3.0

11|00|00|10|11|01|01|10|00|11|01|10|01|11|01|01| 3.0

00|10|00|10|01|11|00|10|01|01|01|10|01|11|01|00| 2.0

11|00|00|11|00|01|01|00|00|01|01|10|01|11|01|00| 1.0

01|10|01|00|11|10|01|10|00|01|01|10|01|11|01|01| 1.0

10|10|00|11|00|11|11|10|00|11|11|00|01|11|01|01| 1.0

10|01|10|10|10|01|01|10|01|11|01|10|01|11|00|01| 0.0

Generation --> 848

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|00|00|10|10|11|01|10|00|01|01|10|01|10|01|01| 8.0

11|00|00|10|11|01|01|10|00|01|01|11|01|11|01|01| 3.0

11|00|10|10|01|11|01|10|00|01|11|11|01|11|01|00| 1.0

00|10|00|10|01|11|00|10|01|01|00|11|00|11|01|00| 1.0

11|00|00|11|00|01|01|00|00|01|01|10|11|11|01|00| 1.0

01|11|01|00|11|10|01|10|00|01|11|10|01|11|01|01| 1.0

10|10|00|11|00|11|11|10|00|11|11|01|01|11|01|01| 1.0

11|00|00|10|11|10|01|10|00|01|01|11|01|11|00|01| 0.0

10|01|10|00|10|01|01|10|01|11|01|10|01|11|00|01| 0.0

Generation --> 849

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|00|00|10|11|01|01|10|00|01|01|10|01|11|01|00| 3.0

11|00|00|11|10|11|01|10|00|01|00|10|01|10|01|01| 1.0

01|00|10|10|01|11|01|10|00|01|11|11|01|11|01|00| 1.0

00|11|01|00|11|11|01|10|10|01|11|10|01|11|01|01| 1.0

10|10|00|11|00|11|11|10|00|01|11|01|01|11|01|00| 1.0

11|00|00|10|10|11|01|10|00|01|01|10|01|01|01|00| 0.0

00|10|10|11|01|11|00|10|01|00|00|11|00|11|11|00| 0.0

11|00|00|11|00|01|01|00|00|01|01|10|01|10|01|01| 0.0

10|01|10|00|10|01|01|10|01|11|01|10|01|11|00|01| 0.0

Generation --> 850

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|01|00|10|10|11|01|10|01|00|01|10|01|11|01|00| 8.0

11|00|00|10|10|11|01|10|00|01|01|10|01|11|01|00| 8.0

11|00|00|10|11|01|01|10|00|11|01|10|11|11|01|00| 3.0

10|11|00|11|00|11|01|10|00|01|00|10|01|10|01|01| 1.0

00|11|10|11|01|11|00|10|01|01|01|10|01|11|01|01| 1.0

10|01|10|00|10|01|11|10|00|11|01|10|01|11|01|00| 1.0

11|00|01|01|10|11|01|11|00|01|00|10|01|10|01|01| 0.0

00|11|01|00|11|11|01|11|10|01|10|10|01|10|01|01| 0.0

11|01|01|00|11|11|01|10|10|00|11|00|01|10|01|01| 0.0

Generation --> 851

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|01|00|10|10|11|01|10|01|00|01|10|01|11|01|00| 8.0

11|00|00|10|10|11|01|10|00|01|01|10|01|11|01|01| 8.0

01|11|10|11|01|11|00|10|01|01|01|11|01|11|01|00| 1.0

11|01|10|00|10|01|01|10|00|11|01|10|01|11|01|00| 1.0

00|11|11|00|11|11|01|10|01|00|01|10|01|11|01|00| 1.0

11|01|01|01|11|11|01|10|10|00|11|00|01|11|01|00| 1.0

11|00|00|10|11|01|01|10|00|11|01|10|11|01|01|00| 0.0

10|11|00|00|00|11|01|10|00|11|00|10|01|10|11|11| 0.0

01|00|01|01|10|11|01|11|00|01|00|10|01|10|01|01| 0.0

Generation --> 852

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|01|00|10|10|11|01|10|01|00|01|10|01|11|01|00| 8.0

11|00|00|10|10|10|01|01|00|01|01|10|11|11|01|01| 3.0

11|01|00|00|10|11|01|10|01|01|01|10|01|11|01|01| 1.0

00|11|11|00|11|11|01|10|01|00|11|10|01|11|01|00| 1.0

11|01|01|01|11|11|01|10|10|00|11|10|01|11|01|00| 1.0

10|11|00|00|00|11|01|10|00|11|01|10|01|11|01|00| 1.0

11|01|10|10|10|11|01|10|01|10|01|10|01|01|01|00| 0.0

01|00|10|10|10|11|01|10|11|01|01|10|01|11|11|11| 0.0

11|00|00|10|11|01|01|00|00|11|01|10|11|01|01|00| 0.0

Generation --> 853

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|01|00|10|10|11|01|10|11|00|01|10|01|11|01|00| 8.0

01|10|00|10|10|01|00|10|01|01|01|10|01|11|01|00| 2.0

11|00|00|10|10|10|11|01|00|01|01|10|11|11|01|01| 2.0

11|00|00|10|10|10|01|01|00|01|00|10|01|11|01|00| 1.0

11|11|11|00|11|11|01|10|01|00|11|10|01|11|01|01| 1.0

10|01|01|01|11|11|01|10|10|00|11|10|01|11|01|00| 1.0

11|01|10|10|10|11|01|10|01|10|01|10|01|11|11|00| 0.0

11|01|00|00|10|11|01|10|01|01|11|10|01|11|00|01| 0.0

10|01|00|00|00|11|01|10|01|01|01|10|01|11|00|00| 0.0

Generation --> 854

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|00|10|10|10|01|10|11|00|01|10|01|11|01|00| 3.0

11|00|10|10|10|01|01|10|01|10|01|10|01|11|01|01| 3.0

11|01|10|10|10|10|01|10|01|01|01|10|01|11|01|00| 3.0

11|00|00|10|10|10|11|01|00|01|01|10|11|11|01|00| 2.0

11|11|00|10|10|01|00|10|01|01|01|10|00|11|01|00| 2.0

11|00|00|10|10|10|01|11|00|01|00|10|01|11|01|00| 1.0

00|01|01|01|11|11|00|10|10|00|11|10|01|11|01|00| 1.0

01|11|00|10|10|11|01|10|11|00|00|10|01|01|11|00| 0.0

10|01|00|00|00|01|01|10|01|01|01|10|01|11|00|00| 0.0

Generation --> 855

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|00|10|00|11|01|10|01|01|01|10|01|11|01|01| 8.0

11|10|00|10|10|10|01|10|11|00|01|10|01|11|01|00| 3.0

11|00|10|10|10|01|01|10|11|01|01|10|01|11|01|00| 3.0

11|01|10|10|10|10|01|11|01|01|01|10|01|11|01|00| 3.0

11|00|10|10|10|01|01|10|01|10|01|10|01|11|01|01| 3.0

01|11|00|10|10|01|01|10|01|10|11|10|01|11|01|01| 1.0

11|00|00|10|10|10|11|01|00|01|11|10|10|11|01|00| 1.0

00|01|01|01|01|11|00|11|10|00|01|10|01|11|01|00| 1.0

10|11|00|00|00|01|01|10|01|11|01|10|01|11|01|00| 1.0

Generation --> 856

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|00|10|00|11|01|10|01|01|01|10|01|11|01|01| 8.0

11|10|00|10|10|11|01|10|11|00|01|10|01|11|01|00| 8.0

11|10|00|10|00|11|01|10|11|01|01|10|11|11|01|00| 3.0

11|10|00|10|11|00|01|10|01|00|01|10|01|11|01|00| 3.0

11|00|11|10|10|01|01|10|11|01|01|10|01|11|01|00| 3.0

11|01|10|10|10|10|01|11|01|01|01|10|01|11|01|00| 3.0

10|01|00|10|10|00|01|10|01|10|01|10|01|11|01|00| 3.0

00|01|01|01|01|11|00|11|10|00|01|10|01|11|01|00| 1.0

10|00|10|10|10|01|01|10|11|01|11|00|01|11|00|00| 0.0

Generation --> 857

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|00|10|10|11|01|10|10|00|01|10|01|11|01|00| 8.0

11|10|01|10|00|11|01|10|01|01|01|10|01|11|01|01| 8.0

11|10|00|10|00|11|01|10|01|01|01|10|01|11|01|01| 8.0

11|10|01|10|00|01|01|00|01|01|01|10|01|11|01|01| 3.0

01|10|00|10|10|11|11|10|11|01|01|10|01|11|01|01| 2.0

11|00|11|00|10|00|01|10|11|01|00|10|01|11|01|00| 1.0

00|01|01|01|01|11|00|11|10|00|01|11|01|11|01|11| 1.0

11|10|00|10|01|11|01|11|01|11|01|10|01|10|01|10| 0.0

11|00|00|11|11|00|01|10|01|00|01|10|01|11|00|00| 0.0

Generation --> 858

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|00|10|10|11|01|10|10|00|01|10|01|11|01|00| 8.0

11|10|01|10|00|11|01|10|01|01|01|10|01|11|01|01| 8.0

11|10|01|10|10|01|01|10|01|01|01|10|01|11|01|01| 3.0

11|10|11|10|00|01|00|00|10|00|01|10|01|11|01|00| 2.0

11|10|00|10|00|11|01|10|01|01|00|10|01|11|01|00| 1.0

11|00|11|00|10|11|11|10|10|00|01|11|01|11|01|00| 1.0

01|00|00|10|10|11|10|00|11|01|00|10|01|11|01|01| 1.0

00|01|01|01|01|11|00|10|01|01|01|10|00|11|01|01| 1.0

11|00|00|11|11|00|01|10|01|01|11|10|11|11|01|00| 1.0

Generation --> 859

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|00|10|10|11|01|10|10|00|01|00|01|11|01|00| 8.0

11|10|01|10|00|11|01|10|11|01|01|10|01|11|01|01| 8.0

11|10|00|10|01|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|11|10|00|01|01|00|10|00|01|10|00|11|01|01| 3.0

11|11|01|10|10|01|00|10|00|00|01|10|11|11|01|00| 2.0

11|00|11|00|10|11|11|10|10|00|01|10|01|11|01|00| 1.0

01|00|00|10|10|11|10|00|11|01|00|10|01|11|01|01| 1.0

00|01|01|01|01|11|00|10|01|00|01|10|11|11|01|00| 1.0

11|00|00|11|11|00|01|10|01|01|01|10|01|11|11|00| 0.0

Generation --> 860

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|11|10|00|01|01|00|00|00|01|10|00|11|01|00| 3.0

11|10|00|10|10|11|00|10|10|00|01|00|01|11|01|01| 2.0

11|11|01|10|10|01|00|10|00|00|01|10|11|11|01|00| 2.0

11|00|01|10|00|11|00|10|11|01|11|10|01|11|01|01| 1.0

11|10|00|11|10|11|01|10|10|00|00|00|11|11|01|00| 1.0

11|00|11|00|10|10|11|10|10|00|01|10|01|11|01|00| 1.0

01|00|00|10|00|11|10|00|11|01|10|10|01|11|01|01| 1.0

01|01|01|01|01|11|00|10|01|01|01|10|01|11|01|01| 1.0

10|10|00|10|01|11|01|11|01|00|01|10|01|10|01|10| 0.0

Generation --> 861

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|00|10|01|11|01|11|01|00|01|10|01|11|01|01| 8.0

11|10|11|10|00|01|01|10|00|00|01|10|00|11|01|01| 3.0

11|11|00|10|10|01|10|10|00|00|01|10|00|11|01|00| 2.0

01|00|00|10|00|11|10|10|00|00|01|10|11|11|01|00| 2.0

11|10|00|01|10|10|11|10|01|01|01|10|01|11|01|01| 1.0

11|00|11|00|10|10|11|10|10|00|01|10|01|11|01|00| 1.0

01|01|01|01|01|01|00|10|00|00|01|10|00|11|01|00| 1.0

11|10|10|10|10|11|00|10|10|00|01|00|01|01|01|00| 0.0

11|00|01|11|00|11|00|10|11|01|01|00|00|11|00|00| 0.0

Generation --> 862

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|00|10|01|11|01|11|01|00|01|10|01|11|01|01| 8.0

10|10|00|10|00|11|01|10|01|11|01|10|01|11|01|00| 8.0

11|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|00|10|00|11|01|10|01|01|01|10|11|11|01|01| 3.0

11|10|11|10|10|01|01|10|00|00|01|10|00|11|01|01| 3.0

01|00|00|10|00|11|10|10|00|01|01|10|11|11|01|00| 2.0

11|10|00|00|01|11|01|11|01|01|00|10|01|11|01|01| 1.0

11|00|10|00|10|10|11|10|11|00|01|10|01|11|01|01| 1.0

01|01|01|01|01|01|00|10|00|10|01|10|00|11|01|01| 1.0

Generation --> 863

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|00|10|10|01|01|10|00|00|01|10|00|11|01|01| 3.0

11|11|11|10|10|01|01|10|00|01|01|10|01|11|01|01| 3.0

01|00|00|10|10|11|10|10|00|01|01|10|01|11|01|00| 2.0

11|10|00|11|00|11|01|10|01|01|01|10|01|11|01|00| 1.0

11|10|00|00|01|11|01|01|01|01|00|10|01|11|01|00| 1.0

11|00|10|00|10|10|11|10|11|00|01|10|01|11|01|00| 1.0

01|01|01|01|00|11|01|10|01|11|01|10|01|11|01|00| 1.0

10|10|00|10|00|11|01|01|01|00|01|10|01|11|00|01| 0.0

11|10|00|10|00|01|01|10|00|00|00|10|00|11|00|01| 0.0

Generation --> 864

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|11|11|10|10|11|01|10|00|01|01|11|01|11|01|00| 8.0

11|10|00|10|00|01|01|10|01|01|01|10|01|11|01|00| 3.0

01|00|10|10|10|11|10|10|00|01|01|10|01|11|01|01| 2.0

11|10|00|10|10|10|11|10|11|00|01|11|01|11|01|00| 2.0

11|10|00|10|10|01|01|11|00|00|00|10|00|11|01|01| 1.0

11|10|00|11|00|11|01|10|01|01|01|10|01|11|01|00| 1.0

01|01|01|01|00|11|01|10|01|11|01|10|01|11|01|00| 1.0

11|10|00|00|01|11|01|10|00|10|11|10|00|01|01|01| 0.0

11|00|10|00|10|10|11|10|11|01|01|11|01|11|10|00| 0.0

Generation --> 865

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|00|11|10|11|11|00|10|00|11|01|11|01|11|01|00| 2.0

11|10|00|10|11|00|10|10|11|00|01|11|01|11|01|11| 2.0

11|10|00|10|00|01|01|10|01|00|00|11|01|11|01|10| 1.0

11|10|00|10|10|00|01|11|00|00|00|10|00|11|01|01| 1.0

01|10|00|11|00|11|11|10|11|00|01|11|01|11|01|00| 1.0

01|01|01|01|10|11|10|10|00|01|01|10|01|11|01|01| 1.0

10|10|00|10|00|11|01|10|01|01|01|00|01|01|01|00| 0.0

11|10|00|10|00|01|00|10|01|01|10|10|01|01|01|00| 0.0

11|00|11|00|10|10|11|00|11|01|01|11|01|11|10|00| 0.0

Generation --> 866

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|10|01|01|01|00|01|11|01|11| 8.0

11|10|00|10|10|00|01|10|10|00|01|11|11|11|01|11| 3.0

00|00|10|10|10|11|10|10|00|11|01|11|01|11|01|00| 2.0

01|10|00|10|11|00|10|10|11|00|01|11|01|11|01|11| 2.0

11|10|00|10|00|01|01|10|01|00|00|11|01|11|01|10| 1.0

11|00|11|00|10|10|11|00|11|01|01|10|01|11|01|01| 1.0

11|10|00|10|11|01|10|10|11|00|01|01|00|11|11|11| 0.0

11|10|00|10|00|01|01|10|01|00|00|11|01|11|00|10| 0.0

01|01|01|01|10|11|10|10|00|01|01|11|01|11|11|00| 0.0

Generation --> 867

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|00|10|00|01|01|10|01|00|01|11|01|11|01|00| 3.0

11|10|10|10|00|01|11|10|11|11|01|00|01|11|01|11| 2.0

00|00|10|10|10|11|10|10|11|00|01|11|11|11|01|11| 2.0

01|10|00|10|10|00|10|10|11|11|01|01|01|11|01|11| 2.0

11|10|00|10|10|00|01|10|00|11|11|11|00|11|01|00| 1.0

11|00|11|01|00|10|11|00|01|01|01|10|01|11|01|00| 1.0

01|01|01|01|10|11|10|11|01|01|01|00|01|11|01|11| 1.0

10|10|00|11|00|11|01|10|01|00|01|10|01|11|11|00| 0.0

11|10|00|10|11|01|10|10|10|00|01|01|00|11|11|11| 0.0

Generation --> 868

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|10|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|00|10|00|01|01|10|01|00|01|11|01|11|01|00| 3.0

11|11|00|10|00|01|01|10|01|00|01|11|01|11|01|01| 3.0

11|10|10|10|10|01|01|10|11|11|01|00|01|11|01|11| 3.0

10|00|10|10|10|11|11|10|01|00|01|11|01|11|01|00| 2.0

11|10|00|10|01|01|10|10|10|00|11|00|00|11|01|00| 1.0

11|00|00|10|10|00|01|10|00|11|11|11|00|11|01|10| 1.0

11|00|11|01|00|10|11|00|01|01|01|11|01|11|01|00| 1.0

01|01|01|01|10|00|10|10|11|11|01|00|01|11|01|11| 1.0

Generation --> 869

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|00|10|10|10|11|01|10|01|00|01|11|01|11|01|01| 8.0

11|11|00|10|00|01|01|10|01|00|01|11|01|11|01|00| 3.0

01|10|10|10|10|00|00|10|11|11|01|00|01|11|01|10| 2.0

11|10|10|10|11|01|00|10|01|10|01|01|01|11|01|00| 2.0

11|10|00|10|01|01|10|10|10|00|11|00|01|11|01|00| 1.0

11|00|00|00|10|00|01|11|00|11|11|00|01|11|01|11| 1.0

11|10|11|01|00|10|11|00|01|01|01|10|01|11|01|00| 1.0

11|10|00|10|00|01|01|11|01|00|01|11|01|11|00|00| 0.0

11|01|01|01|10|00|10|10|11|11|01|00|01|11|11|11| 0.0

Generation --> 870

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|00|10|10|10|11|01|10|01|00|01|11|01|11|01|00| 8.0

11|10|01|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|00|10|00|01|01|10|01|01|01|10|01|11|01|00| 3.0

10|00|11|10|10|10|01|10|01|00|01|11|01|11|01|01| 3.0

01|10|00|10|10|00|00|10|11|11|01|10|01|11|01|00| 2.0

10|10|10|10|11|01|00|10|01|11|01|01|01|11|01|00| 2.0

01|10|00|10|00|01|10|00|10|00|11|00|01|11|01|01| 1.0

11|00|00|00|10|10|01|10|01|00|11|11|01|11|01|01| 1.0

11|10|11|01|00|10|11|00|01|01|11|10|01|11|01|10| 1.0

Generation --> 871

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|00|10|10|10|11|01|10|01|00|01|11|01|11|01|01| 8.0

11|10|01|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|10|10|11|11|01|00|01|01|01|00|01|11|01|00| 8.0

11|10|00|10|10|01|01|10|01|01|00|10|01|11|01|00| 1.0

01|10|00|10|01|01|10|00|10|00|10|10|01|11|01|00| 1.0

11|01|00|00|10|10|01|10|10|00|11|10|01|11|01|00| 1.0

11|10|11|01|00|10|11|00|01|01|11|10|01|11|01|10| 1.0

10|00|11|10|10|11|01|10|01|00|01|11|01|10|00|01| 0.0

01|10|00|10|10|00|00|10|01|00|01|11|01|11|00|00| 0.0

Generation --> 872

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|00|10|10|10|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|11|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|01|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|00|10|11|11|01|00|01|01|01|00|01|11|01|00| 8.0

11|10|01|10|00|11|01|10|01|01|01|11|01|11|01|00| 8.0

10|00|11|10|10|11|01|10|01|00|01|11|01|11|01|10| 8.0

01|00|00|10|01|01|10|00|01|01|01|00|01|11|01|10| 2.0

01|10|00|10|10|11|10|10|01|01|01|11|01|11|01|01| 2.0

11|01|00|00|10|10|01|00|10|00|11|10|01|11|01|00| 1.0

Generation --> 873

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|00|10|10|10|11|01|10|01|01|01|10|01|10|01|00| 8.0

10|10|11|10|00|10|01|10|00|01|01|00|01|11|01|00| 3.0

11|10|01|10|00|10|01|10|01|00|01|10|01|11|01|00| 3.0

10|00|11|10|10|11|01|10|01|01|01|10|11|10|01|00| 3.0

01|10|00|10|10|10|10|11|01|01|01|10|01|11|01|00| 2.0

11|10|11|00|00|11|01|10|01|01|01|10|01|11|01|01| 1.0

11|10|00|10|11|11|01|10|01|01|11|00|01|11|01|00| 1.0

01|00|00|10|01|01|10|00|01|01|11|10|01|11|01|00| 1.0

11|01|00|00|10|10|00|00|10|00|11|10|01|11|01|00| 1.0

Generation --> 874

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|00|10|10|10|11|01|10|01|01|01|10|01|10|01|00| 8.0

11|10|11|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|00|10|11|11|01|10|01|00|01|10|01|11|01|00| 8.0

11|10|00|10|10|10|11|10|01|01|01|10|01|11|01|00| 2.0

01|00|00|10|01|01|10|00|00|01|11|10|01|11|01|01| 1.0

10|00|10|10|11|11|01|10|01|01|01|10|01|00|01|00| 0.0

10|00|11|10|00|11|01|10|01|01|00|10|01|11|11|00| 0.0

10|10|11|10|00|10|01|10|00|01|01|11|11|10|01|00| 0.0

11|01|00|00|01|10|00|00|10|10|11|10|01|10|01|00| 0.0

Generation --> 875

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|01|11|01|10|01|00|01|10|01|11|01|00| 8.0

11|10|11|10|00|11|01|10|01|01|01|10|01|10|01|00| 8.0

10|00|11|10|00|11|01|11|01|01|01|10|01|11|01|00| 8.0

11|10|00|10|00|11|01|10|01|01|01|11|00|11|01|00| 3.0

10|10|00|10|00|01|01|10|01|01|01|10|01|11|01|01| 3.0

01|00|00|10|01|01|10|00|00|01|11|10|01|11|01|01| 1.0

01|00|00|00|01|10|11|10|01|01|01|10|01|11|01|00| 1.0

10|10|10|10|11|11|01|10|01|01|01|10|01|11|11|10| 0.0

10|10|11|10|00|10|01|10|01|01|01|10|11|11|11|00| 0.0

Generation --> 876

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|01|11|01|10|01|00|01|10|01|11|01|00| 8.0

11|10|00|10|00|11|01|10|01|00|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|00|11|10|00|10|01|11|01|01|01|10|01|11|01|01| 3.0

11|10|11|10|00|11|01|10|01|01|11|10|01|11|01|01| 1.0

01|00|01|10|01|01|10|00|01|01|11|10|01|11|01|00| 1.0

01|00|00|00|01|11|11|10|01|00|01|10|01|11|01|00| 1.0

10|00|01|10|00|11|01|11|01|01|01|10|01|01|01|00| 0.0

10|10|10|10|01|11|01|10|01|01|01|10|01|11|11|10| 0.0

Generation --> 877

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|01|11|01|10|01|00|01|10|01|11|01|01| 8.0

11|10|00|10|00|11|01|10|01|00|01|10|01|11|01|00| 8.0

01|00|01|10|00|11|01|10|01|01|01|10|01|10|01|00| 8.0

10|10|00|10|00|11|01|10|01|00|01|10|01|11|01|00| 8.0

10|10|10|10|01|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|11|10|00|11|01|10|11|01|01|10|01|11|01|00| 8.0

10|00|11|10|00|10|01|11|01|01|01|10|01|11|01|00| 3.0

10|10|00|11|01|11|01|10|01|00|01|11|01|11|01|00| 1.0

01|00|01|00|01|01|10|01|01|01|11|10|00|11|01|00| 1.0

Generation --> 878

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|11|10|00|11|01|10|11|01|01|10|01|11|01|01| 8.0

10|10|01|10|00|11|01|11|01|01|01|10|01|11|01|00| 8.0

11|00|01|10|00|11|01|10|01|01|01|10|11|10|01|00| 3.0

11|10|00|11|01|11|01|10|01|00|01|10|01|11|01|10| 1.0

10|10|10|00|01|11|00|10|01|01|01|10|01|11|01|00| 1.0

10|10|00|11|01|11|01|10|01|01|01|10|01|11|01|01| 1.0

01|00|01|00|01|01|10|01|01|11|01|10|01|11|01|00| 1.0

01|00|01|10|01|11|01|00|01|11|11|10|01|11|11|00| 0.0

10|10|00|00|00|11|01|10|01|00|00|00|01|11|11|00| 0.0

Generation --> 879

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|01|10|00|11|01|11|01|01|01|10|01|11|01|01| 8.0

10|10|10|10|00|11|01|11|11|01|01|10|01|11|01|01| 8.0

10|10|10|11|00|11|01|10|11|01|00|10|01|11|01|01| 1.0

11|00|01|10|00|11|01|10|01|11|11|10|01|11|01|00| 1.0

11|10|10|11|01|11|01|10|01|00|01|10|01|11|01|10| 1.0

10|10|10|00|01|11|01|10|11|01|01|10|01|11|01|01| 1.0

01|00|01|00|01|01|10|01|01|11|01|11|01|11|01|00| 1.0

11|00|01|10|01|11|01|10|10|01|01|00|11|10|01|00| 0.0

10|10|00|00|00|11|01|10|01|00|00|00|01|11|11|00| 0.0

Generation --> 880

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|01|10|00|11|00|11|01|01|01|10|01|11|01|11| 2.0

11|10|10|11|01|11|01|10|01|00|01|10|01|10|01|10| 1.0

11|01|01|00|00|01|01|10|11|11|11|10|01|11|01|01| 1.0

11|10|01|10|00|10|01|10|01|11|11|10|01|11|01|00| 1.0

10|10|10|00|01|11|01|10|11|01|01|10|01|11|01|01| 1.0

01|00|01|00|01|01|10|00|01|01|01|00|01|11|01|00| 1.0

10|10|00|00|10|11|01|10|01|01|01|10|01|11|01|00| 1.0

11|00|01|10|01|11|11|10|10|01|01|10|01|11|00|01| 0.0

Generation --> 881

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|11|10|11|11|11|01|10|01|00|01|10|11|10|01|00| 3.0

11|01|01|10|00|01|01|10|01|01|01|10|01|11|01|00| 3.0

10|11|00|10|00|01|00|10|01|01|01|10|01|11|01|00| 2.0

01|10|01|10|01|11|11|10|10|01|01|10|01|11|01|00| 2.0

11|10|00|00|00|11|01|10|01|01|01|00|01|11|01|00| 1.0

01|00|01|00|11|11|10|00|01|01|01|00|01|11|01|00| 1.0

11|10|01|10|00|11|01|10|01|01|01|10|01|11|00|00| 0.0

10|10|01|10|00|11|00|11|01|01|01|10|01|11|11|00| 0.0

10|10|10|00|11|11|01|10|10|01|00|10|01|11|11|00| 0.0

Generation --> 882

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|11|10|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|11|01|10|00|01|00|10|01|01|01|10|01|11|01|01| 2.0

11|10|01|00|01|11|01|10|01|01|11|00|01|11|01|00| 1.0

01|00|01|00|00|11|01|10|11|01|01|10|01|11|01|10| 1.0

10|10|10|00|11|11|01|10|10|01|01|10|00|11|01|00| 1.0

11|11|00|00|00|01|00|10|01|01|01|00|01|01|01|00| 0.0

11|10|11|10|00|11|01|10|01|01|01|10|01|11|00|00| 0.0

10|11|01|10|00|11|00|11|01|01|01|10|01|11|11|00| 0.0

Generation --> 883

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|11|10|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|11|10|00|11|01|10|01|01|01|10|00|11|01|00| 3.0

10|11|01|10|10|10|01|10|01|01|01|11|01|11|01|00| 3.0

01|11|01|10|00|01|00|10|01|01|01|10|01|11|01|00| 2.0

11|11|00|00|01|11|01|10|01|01|01|00|01|11|01|00| 1.0

01|00|01|00|00|11|01|10|11|01|01|10|01|11|01|01| 1.0

10|11|01|10|00|01|00|10|01|01|01|10|01|11|11|00| 0.0

11|11|00|00|00|01|00|10|01|01|01|01|01|01|01|00| 0.0

Generation --> 884

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|11|01|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|11|00|10|10|01|01|10|01|01|01|11|01|11|01|00| 3.0

10|11|01|00|11|10|01|10|01|01|01|10|01|11|01|00| 1.0

11|11|00|00|01|11|01|10|01|01|01|10|01|11|01|00| 1.0

01|00|01|00|10|11|01|10|11|01|01|10|00|11|01|00| 1.0

11|10|11|10|00|01|01|10|01|01|01|10|01|01|01|00| 0.0

01|11|00|00|00|11|01|10|01|01|01|10|11|11|11|00| 0.0

10|11|01|10|00|01|00|10|00|01|01|00|01|11|11|00| 0.0

Generation --> 885

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|11|00|10|10|11|01|10|01|01|01|10|01|11|01|01| 8.0

11|11|00|10|00|01|01|10|01|01|01|10|01|11|01|00| 3.0

10|11|01|10|00|01|01|10|00|01|01|10|01|11|01|00| 3.0

11|10|11|10|00|01|01|10|01|01|01|10|11|11|01|00| 3.0

00|00|01|00|10|11|01|10|11|01|01|10|01|11|01|00| 1.0

01|01|00|10|00|11|01|10|01|01|01|10|01|11|00|00| 0.0

10|11|01|00|11|00|01|10|11|11|01|10|01|11|00|00| 0.0

01|01|00|00|01|11|01|10|01|01|01|10|01|01|01|00| 0.0

Generation --> 886

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|00|10|00|11|01|10|01|01|01|11|01|11|01|00| 8.0

11|11|00|10|10|11|01|10|01|01|01|10|01|10|01|00| 8.0

11|11|00|10|00|11|01|10|01|01|01|11|11|11|01|00| 3.0

10|11|01|10|00|01|01|10|00|01|01|10|01|11|01|10| 3.0

11|10|11|10|00|01|01|11|01|00|01|10|11|11|01|00| 3.0

01|10|11|10|00|01|01|10|01|01|01|00|11|11|01|00| 3.0

00|00|01|01|10|11|01|10|11|01|01|10|01|11|01|00| 1.0

10|11|00|00|00|01|01|10|11|01|01|10|01|01|01|00| 0.0

01|01|00|00|01|11|01|10|01|01|01|10|01|01|01|00| 0.0

Generation --> 887

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|00|10|00|11|01|10|01|01|01|11|01|11|01|00| 8.0

11|11|00|10|10|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|00|00|10|10|11|01|10|01|01|01|10|01|10|01|00| 8.0

10|11|01|10|00|01|01|10|00|01|01|11|00|11|01|10| 3.0

10|11|00|00|00|11|01|10|01|01|01|10|01|11|01|00| 1.0

11|01|00|00|01|11|01|00|01|01|01|10|01|11|01|01| 1.0

11|10|11|10|00|01|01|11|01|00|01|10|11|01|01|00| 0.0

01|10|11|10|00|01|01|10|01|01|11|00|11|11|11|00| 0.0

Generation --> 888

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|00|00|10|10|11|01|10|01|01|01|11|01|11|01|00| 8.0

11|10|11|10|00|11|01|10|01|01|01|10|01|10|01|00| 8.0

10|00|00|10|00|01|01|10|01|01|01|10|01|11|01|00| 3.0

01|11|11|11|00|01|01|10|01|00|01|10|00|11|01|00| 1.0

10|11|00|00|00|11|01|10|11|01|01|10|01|01|01|00| 0.0

11|01|00|00|00|11|01|10|01|01|01|10|01|01|01|00| 0.0

10|11|01|10|00|01|01|00|00|00|01|11|00|10|01|00| 0.0

Generation --> 889

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|00|10|00|11|01|11|01|01|01|10|01|11|01|00| 8.0

00|00|00|10|10|11|01|10|01|01|01|10|01|10|01|00| 8.0

11|10|00|10|00|01|01|10|01|11|01|10|01|11|01|00| 3.0

10|11|01|10|10|01|01|00|01|01|01|10|01|11|01|00| 3.0

00|00|00|10|10|11|01|10|11|01|10|10|01|11|01|00| 1.0

10|00|01|10|00|01|01|10|01|01|11|10|01|11|01|00| 1.0

10|11|00|00|10|01|00|10|01|01|01|10|01|11|01|00| 1.0

11|01|00|00|00|01|01|10|01|01|01|10|01|11|01|00| 1.0

01|10|11|10|00|11|11|10|01|01|01|11|01|10|01|00| 0.0

Generation --> 890

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|00|10|11|11|01|10|01|01|01|10|01|10|01|00| 8.0

01|10|00|10|00|11|01|11|01|01|01|10|01|11|01|00| 8.0

10|00|01|10|00|01|01|10|01|01|01|00|01|11|01|00| 3.0

11|10|10|10|00|11|01|01|01|01|00|10|01|11|01|00| 1.0

00|00|00|10|00|11|01|10|01|01|00|10|00|11|01|00| 1.0

10|10|01|10|00|01|01|10|11|01|11|10|01|11|01|00| 1.0

11|01|00|00|00|01|01|10|01|01|01|00|01|11|01|00| 1.0

00|00|00|10|10|11|01|10|01|01|00|10|01|10|11|00| 0.0

10|11|00|00|10|01|00|10|01|01|01|10|01|11|10|00| 0.0

Generation --> 891

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|10|10|11|11|01|10|01|01|01|10|01|10|01|00| 8.0

01|10|00|10|00|11|01|11|01|01|01|10|01|11|01|00| 8.0

11|00|10|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|00|10|11|11|01|10|01|01|01|10|01|10|01|00| 8.0

00|00|00|10|00|11|01|11|01|01|01|10|01|11|01|00| 8.0

10|00|01|10|00|01|01|10|01|01|01|10|01|10|01|00| 3.0

01|01|00|00|00|01|01|10|01|01|01|00|01|11|01|01| 1.0

10|11|00|00|10|01|00|10|01|01|00|10|01|11|01|00| 1.0

10|10|01|10|00|01|01|10|01|01|01|00|01|01|01|00| 0.0

Generation --> 892

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|00|10|10|00|11|01|10|01|00|01|10|01|11|01|00| 8.0

00|10|01|10|11|10|01|10|01|01|01|10|01|11|01|00| 3.0

00|00|00|10|01|11|00|10|01|00|01|10|01|10|01|00| 2.0

10|00|01|10|00|01|01|10|11|01|11|10|01|10|01|00| 1.0

01|01|00|00|01|11|01|10|01|01|01|10|01|10|01|00| 1.0

10|11|00|00|10|01|00|10|01|01|00|10|01|10|01|00| 1.0

11|10|10|10|11|11|01|10|01|01|01|00|01|10|01|00| 0.0

01|10|00|10|00|11|01|11|01|01|01|10|01|11|00|00| 0.0

10|10|01|10|00|01|11|10|01|01|01|00|01|01|01|00| 0.0

Generation --> 893

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|00|10|10|00|11|01|10|01|00|01|10|01|11|01|00| 8.0

10|00|01|10|01|01|01|10|01|00|01|10|01|11|01|00| 3.0

00|00|00|10|01|11|00|10|01|00|01|10|01|10|01|01| 2.0

10|11|01|10|00|01|10|10|01|01|01|10|01|11|01|00| 2.0

00|10|01|10|11|10|01|10|01|01|00|10|01|11|01|01| 1.0

01|01|01|00|01|11|01|10|01|01|01|10|01|11|11|00| 0.0

10|10|10|10|11|11|01|10|01|01|01|00|01|10|01|00| 0.0

11|10|00|10|11|11|10|10|01|01|01|00|00|10|01|00| 0.0

01|10|10|10|00|11|11|01|01|01|01|10|01|10|01|00| 0.0

Generation --> 894

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|00|10|10|00|11|01|10|01|00|01|10|01|11|01|00| 8.0

01|10|10|10|00|11|01|10|01|01|01|10|01|10|01|00| 8.0

10|00|01|10|01|11|01|10|01|00|01|10|01|11|01|00| 8.0

00|00|10|10|01|11|00|10|01|00|01|10|01|10|01|01| 2.0

11|10|00|10|11|11|10|10|01|00|01|10|01|10|01|01| 2.0

00|10|01|10|11|10|01|10|01|01|00|10|00|11|01|01| 1.0

01|11|01|00|01|10|01|10|01|01|01|10|11|11|01|00| 1.0

10|11|01|10|10|01|01|10|01|00|01|10|01|01|01|00| 0.0

10|00|10|10|11|11|01|10|01|01|01|00|01|10|01|00| 0.0

Generation --> 895

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|00|10|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|00|01|10|01|11|01|10|01|00|01|10|01|11|01|00| 8.0

11|10|01|10|01|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|00|10|10|01|11|01|10|01|00|01|10|01|10|01|01| 8.0

00|10|01|10|11|10|01|10|01|01|01|10|01|10|01|00| 3.0

10|01|01|11|10|01|01|10|01|00|11|10|01|11|01|00| 1.0

01|11|01|00|01|11|01|10|01|00|01|10|01|11|01|00| 1.0

01|10|10|10|00|11|01|10|01|01|01|10|01|10|11|00| 0.0

10|00|10|10|11|11|01|10|00|01|01|00|01|10|01|00| 0.0

Generation --> 896

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|00|10|10|01|11|01|10|01|00|01|10|01|10|01|01| 8.0

00|10|01|10|11|11|01|10|01|00|01|10|01|10|01|01| 8.0

10|00|10|10|10|11|01|10|01|00|01|10|01|11|01|00| 8.0

10|10|01|10|01|11|01|10|01|01|01|10|00|11|01|00| 3.0

11|00|10|00|00|11|01|10|00|01|01|10|01|11|01|00| 1.0

10|10|00|00|00|11|01|10|01|01|01|10|01|11|01|00| 1.0

10|01|01|11|10|01|01|10|01|00|11|00|01|11|01|00| 1.0

01|11|01|00|01|11|01|10|01|00|01|10|01|11|01|00| 1.0

00|10|10|10|10|11|01|10|01|01|11|10|01|10|11|00| 0.0

Generation --> 897

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|11|00|10|10|11|01|10|01|00|01|00|01|11|01|00| 8.0

00|10|00|10|00|11|11|10|01|01|01|10|01|10|01|00| 2.0

10|00|00|10|10|10|00|10|01|00|01|10|01|11|01|00| 2.0

00|10|01|10|01|11|00|10|01|01|01|10|01|10|01|01| 2.0

10|10|00|00|00|11|01|10|01|00|01|10|01|10|01|01| 1.0

10|01|01|11|10|01|01|10|01|00|11|00|01|11|01|00| 1.0

10|00|10|10|01|11|01|10|01|00|01|10|01|11|00|00| 0.0

11|00|10|00|00|11|11|10|01|00|01|11|01|10|01|00| 0.0

00|11|10|10|10|11|01|10|01|01|11|00|01|01|01|00| 0.0

Generation --> 898

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|01|10|10|11|01|10|01|00|01|00|01|11|01|00| 8.0

01|11|00|10|10|11|01|11|01|00|01|00|00|11|01|00| 3.0

10|00|00|10|10|10|00|10|01|00|01|10|01|11|01|00| 2.0

10|00|10|10|00|10|00|10|01|00|01|10|01|11|01|00| 2.0

00|10|00|00|00|11|01|10|01|00|00|10|01|10|01|01| 1.0

11|00|10|00|01|11|00|10|01|01|01|10|01|10|01|01| 1.0

10|11|00|10|10|11|01|10|01|00|11|00|01|10|01|00| 0.0

00|11|10|10|10|11|00|00|00|01|01|11|01|10|01|01| 0.0

00|10|00|10|00|11|11|00|01|01|11|00|01|01|01|01| 0.0

Generation --> 899

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|01|10|10|11|01|10|01|00|01|00|01|11|01|00| 8.0

00|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|11|01|10|10|11|01|10|01|00|01|00|00|11|01|00| 3.0

00|11|10|10|00|11|01|10|01|01|01|00|10|11|01|00| 3.0

01|11|00|10|10|11|01|11|01|00|01|10|00|11|01|00| 3.0

10|00|00|10|10|11|01|11|01|00|01|00|00|11|01|01| 3.0

11|11|00|10|11|10|01|10|01|01|01|00|00|11|01|00| 3.0

11|10|10|00|01|11|01|10|01|00|01|10|01|11|01|00| 1.0

10|10|00|10|00|11|11|00|01|01|11|00|01|01|01|00| 0.0

Generation --> 900

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|01|10|10|11|01|11|01|00|01|00|01|11|01|00| 8.0

00|11|11|10|00|11|01|11|01|01|01|10|01|11|01|00| 8.0

00|11|00|10|10|11|01|10|01|01|01|00|01|11|01|00| 8.0

10|00|00|10|10|11|01|10|01|01|01|11|11|11|01|00| 3.0

11|11|00|10|11|10|01|10|01|01|01|00|01|11|01|00| 3.0

10|10|00|10|00|11|11|00|01|01|01|10|01|11|01|00| 2.0

00|00|00|11|00|11|01|11|01|01|01|10|01|11|01|10| 1.0

10|11|01|10|10|11|11|10|01|00|01|00|00|01|01|00| 0.0

11|10|10|00|01|11|01|11|01|00|01|10|01|11|00|00| 0.0

Generation --> 901

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|11|00|10|10|11|01|10|01|01|01|00|01|11|01|00| 8.0

10|11|11|10|00|11|01|01|01|01|01|10|01|11|01|10| 8.0

10|10|01|10|10|11|01|11|01|00|01|00|01|11|01|00| 8.0

01|00|01|10|00|01|01|11|00|01|01|10|01|11|01|10| 3.0

10|10|00|10|10|01|01|11|01|00|01|00|01|11|01|00| 3.0

00|11|11|00|00|11|01|11|01|01|01|10|01|11|01|00| 1.0

10|00|10|00|10|11|01|11|01|01|01|11|11|11|01|00| 1.0

00|00|00|11|00|11|01|11|01|01|01|10|01|11|01|00| 1.0

10|10|10|00|01|11|01|11|11|00|01|10|11|11|01|00| 1.0

Generation --> 902

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|11|11|10|00|11|01|01|01|01|01|10|01|11|01|10| 8.0

00|00|00|10|00|11|01|01|01|01|01|10|01|11|01|10| 8.0

10|11|00|10|10|10|01|10|01|01|01|00|01|11|01|00| 3.0

10|00|10|10|10|10|01|11|01|00|01|00|01|11|01|00| 3.0

00|11|11|00|00|11|01|10|01|01|01|10|01|11|01|01| 1.0

00|11|01|10|10|11|01|10|01|00|01|00|01|11|00|00| 0.0

10|11|11|10|00|11|01|01|01|01|01|10|01|10|01|10| 0.0

10|10|01|10|11|10|01|11|01|00|01|00|01|11|00|00| 0.0

10|10|10|00|01|11|01|11|11|00|01|10|01|10|01|01| 0.0

Generation --> 903

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|11|11|10|00|11|01|01|01|01|01|10|01|11|01|10| 8.0

10|00|00|10|00|11|01|01|01|01|01|10|01|11|01|10| 8.0

00|10|00|10|00|11|01|10|01|01|01|10|01|11|01|10| 8.0

00|11|01|10|10|11|01|10|01|01|01|10|01|11|01|10| 8.0

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|00|10|10|10|10|01|11|01|01|01|00|01|11|01|00| 3.0

10|10|00|10|00|11|00|11|01|01|01|10|01|11|01|10| 2.0

10|11|01|00|10|10|01|10|00|01|01|00|01|11|01|10| 1.0

10|10|10|00|01|11|01|10|01|11|01|10|01|11|01|11| 1.0

Generation --> 904

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|11|11|10|00|11|01|01|01|01|01|10|01|11|01|10| 8.0

10|00|11|10|00|11|01|01|01|01|01|10|01|11|01|00| 8.0

00|10|00|10|00|11|01|10|01|01|01|10|01|11|01|10| 8.0

00|11|01|10|10|11|01|10|01|01|01|10|01|11|01|10| 8.0

11|10|00|10|00|11|01|10|11|01|01|10|01|10|01|10| 8.0

10|10|10|10|01|11|01|10|01|01|01|10|01|11|01|01| 8.0

10|11|01|00|10|10|01|10|00|01|11|00|01|11|01|10| 1.0

10|00|10|10|10|10|01|11|01|01|01|00|00|10|01|00| 0.0

10|10|00|10|00|11|00|11|01|11|01|00|01|11|00|00| 0.0

Generation --> 905

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|00|10|00|11|01|10|01|01|01|10|01|11|01|11| 8.0

00|11|01|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|00|10|00|11|01|10|11|01|01|10|01|11|01|00| 8.0

00|11|11|10|00|11|01|01|01|01|01|11|00|11|01|00| 3.0

10|11|01|00|10|10|01|10|01|01|01|10|01|11|01|10| 1.0

10|00|11|10|00|11|01|11|01|01|01|10|01|01|11|00| 0.0

10|10|10|10|01|11|01|10|11|01|01|10|01|00|01|00| 0.0

10|10|10|10|00|10|01|11|01|01|01|10|01|10|01|10| 0.0

11|10|00|10|00|11|00|11|01|11|01|00|01|11|00|00| 0.0

Generation --> 906

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|00|10|00|11|01|10|01|01|01|10|01|11|01|11| 8.0

10|00|11|10|00|01|01|10|01|01|01|11|01|11|01|00| 3.0

00|11|11|10|00|11|01|01|01|01|01|11|00|11|01|00| 3.0

10|10|00|10|00|11|00|11|01|11|01|00|01|11|01|00| 2.0

10|11|01|00|10|10|01|10|01|01|01|10|01|11|01|10| 1.0

00|11|01|10|00|11|01|10|01|01|01|10|01|11|11|00| 0.0

10|10|11|10|01|11|00|10|11|01|01|10|01|11|11|00| 0.0

11|10|10|10|00|10|01|11|01|01|01|10|01|10|00|10| 0.0

Generation --> 907

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|00|10|00|01|01|10|01|01|01|10|01|11|01|00| 3.0

11|10|00|10|00|10|01|10|01|01|01|11|00|11|01|00| 3.0

10|11|00|10|00|11|00|11|01|11|01|00|01|11|01|00| 2.0

10|00|11|00|00|11|11|10|01|01|01|10|01|11|01|00| 1.0

00|11|11|11|00|11|01|01|01|01|01|11|00|11|01|11| 1.0

10|10|00|10|00|11|01|01|01|01|00|10|00|11|01|00| 1.0

11|00|01|01|10|10|11|10|01|01|01|10|01|11|01|10| 1.0

00|11|00|10|00|11|01|10|01|01|01|10|01|01|01|11| 0.0

11|10|10|10|00|10|01|11|01|01|01|10|11|10|00|10| 0.0

Generation --> 908

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|00|10|00|01|01|10|01|01|01|10|01|11|01|00| 3.0

10|11|00|10|00|01|00|10|01|01|01|10|01|11|01|00| 2.0

10|10|00|10|00|11|00|11|11|11|01|00|01|11|01|00| 2.0

10|00|11|10|00|11|11|10|01|01|01|10|01|11|01|10| 2.0

01|10|00|10|00|01|00|10|01|01|11|10|01|11|01|00| 1.0

00|11|11|11|00|11|01|01|01|01|01|11|00|11|01|00| 1.0

00|11|00|10|00|11|10|11|01|11|01|00|01|11|10|00| 0.0

01|00|01|01|00|10|11|10|01|01|11|10|00|11|11|00| 0.0

11|10|10|10|00|10|01|11|01|01|01|10|11|10|00|10| 0.0

Generation --> 909

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|10|10|00|11|01|11|01|11|01|11|01|11|01|00| 8.0

10|00|00|10|00|11|11|10|01|01|01|10|01|11|01|00| 2.0

00|10|00|10|01|01|10|11|01|01|01|10|01|11|01|01| 2.0

10|11|01|10|00|01|00|11|11|11|01|00|01|11|01|00| 2.0

01|11|00|10|00|01|00|10|01|01|01|10|01|11|01|00| 2.0

00|11|11|11|00|11|01|01|01|01|01|11|00|11|01|00| 1.0

01|00|01|01|10|10|11|11|11|01|11|11|00|11|01|00| 1.0

10|10|00|10|00|11|00|11|11|11|01|00|01|11|00|00| 0.0

00|11|00|10|10|11|10|11|01|11|01|01|01|11|10|00| 0.0

Generation --> 910

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|10|10|00|11|01|01|01|11|01|11|01|11|01|00| 8.0

10|00|00|10|00|11|11|10|01|01|01|10|01|11|01|00| 2.0

00|10|00|10|01|01|10|11|01|00|01|11|01|11|01|00| 2.0

10|10|00|10|11|01|10|11|01|11|01|10|01|11|01|01| 2.0

01|11|00|10|00|00|00|11|11|11|01|00|01|11|01|00| 2.0

01|00|01|10|00|01|00|11|11|11|01|00|01|11|01|00| 2.0

01|11|00|10|10|10|10|11|01|11|00|01|01|11|01|01| 1.0

10|10|00|10|00|11|00|11|11|11|01|00|11|11|11|00| 0.0

00|11|11|11|00|11|01|01|01|01|00|11|00|11|11|00| 0.0

Generation --> 911

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|00|10|01|11|01|01|01|11|01|11|01|11|01|00| 8.0

11|10|10|10|00|01|01|01|01|11|01|00|01|11|01|00| 3.0

10|10|00|10|00|01|01|10|01|01|01|11|01|11|01|00| 3.0

10|00|00|10|00|11|11|10|01|11|01|11|01|11|01|00| 2.0

10|10|00|10|11|01|10|11|01|11|01|10|01|11|01|00| 2.0

01|00|01|10|00|01|00|11|11|11|01|00|11|11|01|01| 2.0

01|11|00|10|10|10|10|11|11|11|00|01|01|11|01|01| 1.0

00|11|11|11|00|11|01|01|01|01|01|10|01|11|01|00| 1.0

01|11|00|10|00|00|00|11|01|11|01|11|01|11|00|00| 0.0

Generation --> 912

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|10|10|00|01|01|00|11|11|01|00|01|11|01|00| 3.0

01|10|10|10|00|01|11|01|01|11|01|00|01|11|01|00| 2.0

10|10|00|10|11|01|10|10|01|01|01|10|01|11|01|00| 2.0

01|10|01|10|00|01|00|11|11|11|01|00|11|11|01|01| 2.0

01|11|00|10|00|00|00|11|01|11|01|11|01|11|01|00| 2.0

00|11|11|11|00|11|01|01|01|01|01|10|01|11|01|00| 1.0

00|10|00|10|01|11|11|01|01|11|01|11|01|11|11|00| 0.0

10|00|00|10|00|11|11|10|01|11|01|11|01|11|11|00| 0.0

Generation --> 913

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|01|10|00|11|01|10|11|01|01|10|01|11|01|00| 8.0

01|11|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|01|01|10|01|01|01|10|01|11|01|00| 3.0

01|10|10|10|00|01|11|01|01|11|01|00|01|11|01|00| 2.0

10|10|00|10|11|01|10|10|01|01|01|10|01|11|01|00| 2.0

00|10|00|10|01|11|11|00|01|01|01|10|01|11|01|00| 2.0

00|11|11|11|00|11|01|01|01|01|01|10|01|11|01|00| 1.0

10|10|00|10|00|11|01|10|01|01|01|10|01|11|11|00| 0.0

11|10|10|10|01|01|01|00|11|11|11|10|01|11|11|00| 0.0

Generation --> 914

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|11|01|10|00|11|01|00|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|10|11|01|10|11|01|01|10|01|11|01|01| 8.0

00|10|01|10|00|11|01|10|11|01|01|10|01|11|01|00| 8.0

00|11|00|10|01|01|01|10|01|01|01|10|01|11|01|00| 3.0

10|10|00|10|00|11|00|10|01|01|01|10|01|11|01|00| 2.0

01|10|10|10|00|01|11|01|01|11|01|00|01|11|01|00| 2.0

10|10|00|10|11|01|10|10|01|01|01|10|01|11|01|00| 2.0

10|10|00|11|00|11|01|10|01|01|01|10|01|01|01|00| 0.0

11|10|10|10|01|01|01|00|11|11|11|11|01|11|11|00| 0.0

Generation --> 915

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|11|01|10|00|11|01|10|11|01|01|10|01|11|01|00| 8.0

10|10|00|10|11|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|11|01|01|10|11|01|01|10|01|11|01|01| 3.0

01|10|10|10|00|01|11|01|01|11|01|10|01|11|01|00| 2.0

00|11|00|00|00|11|01|10|01|01|00|10|01|11|01|00| 1.0

10|00|00|11|00|11|01|10|01|01|01|10|01|11|01|00| 1.0

00|10|01|10|00|11|11|10|11|01|01|10|01|11|00|00| 0.0

10|11|00|10|00|11|01|00|01|01|01|10|01|01|01|10| 0.0

10|10|00|10|00|11|01|10|01|01|01|10|01|11|11|00| 0.0

Generation --> 916

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|11|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|00|10|00|01|01|10|01|01|01|10|01|11|01|00| 3.0

10|10|00|10|11|01|10|10|11|01|01|10|01|11|01|00| 2.0

01|10|10|10|00|01|11|01|01|01|01|10|01|11|01|00| 2.0

00|11|01|11|00|11|01|10|11|01|01|10|01|11|01|00| 1.0

00|11|00|00|00|11|01|10|01|00|00|10|01|11|01|01| 1.0

10|00|00|11|10|11|01|10|01|01|00|10|01|11|01|00| 1.0

10|11|00|10|00|11|11|00|01|01|01|10|01|11|11|00| 0.0

00|00|01|10|00|11|11|10|11|01|01|10|11|11|00|11| 0.0

Generation --> 917

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|11|01|10|11|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|11|11|11|01|00|01|01|01|10|11|11|01|00| 3.0

11|10|00|10|00|01|11|10|01|00|01|10|01|11|01|00| 2.0

10|10|10|10|11|01|10|00|11|00|01|10|01|11|01|00| 2.0

01|10|10|10|00|01|11|01|01|01|01|10|01|11|01|00| 2.0

10|00|01|10|00|11|11|10|11|01|01|10|01|11|01|00| 2.0

10|00|00|11|10|11|01|01|01|01|01|10|01|11|01|00| 1.0

00|11|01|11|00|11|01|10|11|01|01|00|01|10|01|00| 0.0

10|11|00|10|10|11|11|00|01|01|01|10|01|10|11|00| 0.0

Generation --> 918

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|11|01|01|00|01|01|01|10|11|11|01|00| 3.0

00|10|00|10|00|01|11|10|01|00|01|10|01|11|01|00| 2.0

11|10|00|10|00|01|11|10|01|00|01|10|00|10|01|00| 2.0

10|00|01|10|00|01|11|00|11|01|01|10|01|11|01|00| 2.0

11|11|00|10|10|11|11|10|01|01|01|10|01|11|01|00| 2.0

10|10|10|10|11|01|10|00|11|00|10|10|01|11|01|00| 1.0

10|00|00|11|10|11|01|01|01|01|01|10|01|11|01|00| 1.0

00|10|10|10|00|01|11|10|00|01|01|11|01|01|01|00| 0.0

10|10|01|11|11|11|01|00|01|00|01|10|01|11|00|00| 0.0

Generation --> 919

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|11|01|01|00|01|01|01|10|11|11|01|00| 3.0

00|10|00|10|00|01|11|10|01|00|01|00|01|11|01|00| 2.0

11|10|00|10|00|01|11|10|01|00|01|10|00|10|01|00| 2.0

10|00|01|10|00|01|11|00|10|01|01|10|01|11|01|00| 2.0

11|11|00|10|10|11|11|10|01|01|01|10|01|11|01|00| 2.0

00|10|10|10|00|01|01|10|01|01|11|10|01|11|01|00| 1.0

10|10|10|10|11|11|10|00|11|00|10|00|11|11|01|00| 1.0

00|00|00|11|10|01|01|01|01|01|01|10|01|11|11|00| 0.0

10|10|01|11|11|01|11|00|11|00|01|10|01|11|00|10| 0.0

Generation --> 920

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|11|00|10|11|01|01|00|01|01|01|10|11|11|01|00| 3.0

10|10|00|10|11|01|01|00|01|01|01|10|11|11|01|00| 3.0

10|00|01|10|00|01|11|00|00|01|01|10|11|11|01|00| 2.0

00|10|10|10|00|01|01|10|01|01|11|10|11|11|01|00| 1.0

10|10|10|10|11|11|10|00|11|10|10|00|11|11|01|00| 1.0

10|00|00|01|10|01|01|00|01|01|01|10|11|11|01|00| 1.0

10|10|00|10|11|01|01|00|01|01|01|10|11|11|00|00| 0.0

11|11|00|00|00|01|11|10|01|00|01|00|00|10|01|00| 0.0

00|10|00|10|00|01|11|00|01|00|00|00|00|10|01|00| 0.0

Generation --> 921

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|11|00|10|10|01|01|00|01|01|01|10|10|11|01|00| 3.0

00|11|10|10|00|01|01|10|01|01|01|10|10|11|01|00| 3.0

10|10|00|10|11|01|01|00|01|01|01|10|01|11|01|00| 3.0

10|00|01|00|00|11|01|10|01|01|01|10|01|11|01|00| 1.0

10|10|10|10|11|10|10|00|11|10|10|00|11|11|01|00| 1.0

10|00|00|01|10|11|01|10|01|01|01|10|01|11|01|10| 1.0

11|01|00|00|00|01|01|10|01|01|11|10|11|11|01|00| 1.0

00|10|00|10|00|01|11|00|01|00|00|00|11|11|01|00| 1.0

10|00|00|00|11|01|11|00|01|01|11|10|11|01|01|00| 0.0

Generation --> 922

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|00|10|11|11|01|00|01|01|01|10|01|11|01|00| 8.0

11|11|10|10|00|01|01|10|01|01|01|10|10|11|01|00| 3.0

10|10|00|10|11|01|01|00|01|01|00|10|00|11|01|00| 1.0

10|00|01|00|00|01|01|10|01|00|00|10|01|11|01|00| 1.0

10|10|10|00|11|10|10|00|11|10|10|00|11|11|01|00| 1.0

10|00|00|01|10|11|01|11|01|01|01|10|00|11|01|00| 1.0

11|01|01|00|00|01|01|10|01|01|11|10|11|11|01|00| 1.0

00|10|00|10|00|01|11|00|01|00|00|00|11|11|01|00| 1.0

10|00|00|00|11|01|11|01|01|01|11|10|11|01|11|00| 0.0

Generation --> 923

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|11|10|10|11|11|01|00|01|01|01|10|01|11|01|00| 8.0

00|00|01|10|11|11|01|00|01|00|01|10|11|11|01|00| 3.0

01|10|01|00|11|11|01|00|01|11|01|10|11|11|01|00| 1.0

10|10|00|10|11|01|01|10|01|01|00|10|10|11|01|00| 1.0

10|00|01|00|00|01|01|10|01|10|00|10|01|11|01|00| 1.0

10|10|10|00|11|10|10|01|10|10|10|00|11|11|01|00| 1.0

11|00|01|00|00|01|01|10|01|01|11|10|10|11|01|00| 1.0

10|00|10|01|01|01|11|11|01|01|01|10|11|11|01|00| 1.0

00|01|01|00|00|01|01|10|01|01|11|10|11|01|01|00| 0.0

Generation --> 924

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|01|01|10|11|11|01|00|01|01|01|10|01|11|01|00| 8.0

01|11|10|10|11|11|01|00|01|00|11|10|01|11|01|00| 1.0

00|00|01|10|11|11|01|00|01|00|11|10|11|11|01|00| 1.0

01|10|01|00|11|11|01|00|01|11|01|10|11|11|01|00| 1.0

10|00|11|00|00|01|00|10|01|01|01|10|01|11|01|00| 1.0

00|10|10|00|11|10|10|01|10|10|10|00|11|11|01|00| 1.0

11|00|01|00|00|01|01|10|01|01|11|10|01|10|01|10| 1.0

10|10|01|10|11|11|01|10|01|01|01|10|11|01|01|00| 0.0

11|00|10|01|01|01|11|11|01|01|01|10|11|11|00|00| 0.0

Generation --> 925

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|01|01|10|11|11|01|00|00|01|01|10|01|11|01|00| 8.0

01|11|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|10|00|11|10|10|11|10|10|10|00|11|11|01|00| 1.0

01|10|11|00|11|10|01|00|01|11|01|10|11|11|01|00| 1.0

10|00|11|00|00|01|00|10|01|01|11|10|01|11|01|00| 1.0

00|00|10|00|11|11|01|00|00|01|11|10|01|11|01|00| 1.0

11|00|01|00|11|11|01|00|01|00|11|10|01|11|01|00| 1.0

10|00|10|01|01|01|11|11|11|10|01|10|11|11|01|00| 1.0

10|11|01|10|11|11|01|00|01|01|01|10|11|01|11|00| 0.0

Generation --> 926

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|11|00|10|00|11|01|10|01|01|01|00|01|11|01|00| 8.0

10|11|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|01|00|11|10|01|00|01|10|01|10|11|11|01|00| 1.0

10|00|11|00|00|01|00|10|01|01|01|10|01|11|01|00| 1.0

00|10|10|00|11|11|11|00|00|01|11|10|01|11|01|00| 1.0

10|10|00|10|00|11|11|10|01|01|01|10|01|01|01|00| 0.0

11|00|01|00|11|11|01|00|01|00|11|10|01|01|00|00| 0.0

10|00|00|01|01|01|11|11|11|10|01|10|11|10|01|00| 0.0

10|11|01|10|11|11|01|00|01|01|01|10|11|01|11|00| 0.0

Generation --> 927

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|11|00|10|00|10|01|10|01|01|01|10|01|11|01|01| 3.0

00|00|00|10|00|11|11|10|01|10|01|10|11|11|01|00| 2.0

00|11|01|10|11|11|01|00|01|01|00|10|01|11|01|00| 1.0

01|10|01|00|10|11|01|00|01|10|01|00|11|11|01|00| 1.0

01|10|01|00|11|10|01|10|00|10|01|10|11|11|01|00| 1.0

10|00|11|00|00|01|00|10|01|01|01|10|10|11|01|01| 1.0

01|10|10|00|11|11|10|00|00|01|11|00|01|11|01|00| 1.0

11|00|00|00|11|10|01|00|01|10|01|10|11|11|01|00| 1.0

10|10|00|00|00|11|01|10|00|01|01|10|01|11|11|00| 0.0

Generation --> 928

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|11|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|11|10|10|00|10|01|10|01|01|01|10|01|11|01|01| 3.0

00|00|00|11|00|10|01|00|01|01|01|10|01|11|01|00| 1.0

10|00|11|00|00|01|00|10|00|01|01|10|10|11|01|00| 1.0

01|10|10|00|11|11|00|10|01|01|01|10|01|11|01|00| 1.0

11|00|00|00|11|10|01|11|01|01|01|10|01|11|01|01| 1.0

10|10|00|00|00|11|11|10|00|01|01|10|11|11|01|00| 1.0

01|10|01|00|10|11|01|00|01|10|01|10|11|01|01|00| 0.0

01|01|01|00|11|10|01|10|01|10|01|10|11|11|11|01| 0.0

Generation --> 929

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|11|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|01|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|11|10|11|00|10|10|10|01|01|01|00|01|11|01|01| 1.0

11|00|00|00|11|10|01|10|01|01|01|10|01|11|01|00| 1.0

10|10|00|00|00|11|11|10|00|01|01|10|11|11|01|00| 1.0

01|00|01|11|00|10|01|00|01|01|01|10|01|11|01|00| 1.0

00|11|10|10|00|10|01|10|00|01|01|10|01|11|00|01| 0.0

00|00|00|11|00|11|01|10|00|01|01|10|01|11|00|00| 0.0

10|00|11|00|00|10|00|10|01|01|00|01|01|11|11|01| 0.0

Generation --> 930

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|11|11|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|00|10|00|11|01|10|01|01|01|10|01|11|01|01| 8.0

00|11|00|10|00|11|01|10|11|00|01|10|11|11|01|00| 3.0

01|10|01|10|00|01|01|10|01|01|01|10|01|11|01|00| 3.0

00|11|10|10|00|10|01|10|01|01|01|00|01|11|01|00| 3.0

10|10|00|00|00|11|11|10|01|01|01|10|01|11|01|00| 1.0

00|00|00|11|00|11|01|10|00|01|11|10|01|11|01|00| 1.0

11|00|00|00|11|10|01|10|01|01|01|10|01|11|01|01| 1.0

10|10|11|00|00|10|00|10|01|01|00|01|00|11|11|01| 0.0

Generation --> 931

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|11|11|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|10|10|00|01|01|10|01|01|01|10|01|10|01|01| 3.0

00|11|00|10|00|11|01|10|11|00|01|10|11|11|01|00| 3.0

01|10|11|10|10|01|01|10|00|01|01|10|01|11|01|01| 3.0

00|11|10|10|00|10|01|10|01|00|01|00|01|11|01|00| 3.0

10|10|00|00|00|11|11|10|01|01|01|10|01|11|01|01| 1.0

11|11|00|00|11|10|01|10|01|01|01|10|01|11|01|01| 1.0

10|10|11|00|00|11|01|00|01|01|01|10|01|11|01|00| 1.0

00|00|00|11|10|11|01|10|01|01|01|10|01|11|11|00| 0.0

Generation --> 932

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|11|10|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|00|10|10|00|01|01|10|01|01|01|10|01|11|01|00| 3.0

11|10|11|10|10|00|01|00|01|01|01|10|01|11|01|00| 3.0

01|11|10|00|00|10|01|10|01|10|01|10|01|11|01|00| 1.0

11|10|00|00|00|01|01|10|00|01|01|00|01|11|01|01| 1.0

11|11|00|00|11|10|01|10|01|01|01|10|01|11|01|01| 1.0

10|10|11|00|00|11|01|00|01|01|01|10|11|11|01|00| 1.0

00|11|00|10|01|11|01|10|11|00|01|10|01|11|00|00| 0.0

00|00|00|11|10|11|01|10|01|01|01|10|11|01|01|00| 0.0

Generation --> 933

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|11|00|10|01|11|01|10|10|11|01|10|01|11|01|00| 8.0

11|10|11|10|10|10|01|00|01|01|01|10|01|11|01|00| 3.0

01|00|10|10|00|01|01|10|01|01|01|10|01|11|01|00| 3.0

11|00|10|10|00|01|00|10|10|01|01|10|01|11|01|00| 2.0

00|11|10|11|00|11|01|10|11|01|01|10|01|11|01|00| 1.0

01|11|10|00|00|11|01|10|01|01|01|10|01|11|01|00| 1.0

11|11|00|00|11|11|01|10|01|01|01|10|01|11|01|00| 1.0

10|10|11|00|00|11|01|10|01|01|11|10|01|11|01|00| 1.0

11|10|00|00|00|11|01|10|01|01|01|10|01|11|11|00| 0.0

Generation --> 934

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|11|01|10|01|11|01|10|10|11|01|10|00|11|01|00| 3.0

11|00|11|10|10|10|01|00|01|01|01|10|11|11|01|01| 3.0

00|11|00|10|00|01|11|10|10|11|01|10|01|11|01|00| 2.0

11|00|00|10|01|11|00|10|10|11|01|00|01|11|01|00| 2.0

11|10|10|00|10|11|01|01|01|01|01|10|01|11|01|10| 1.0

00|11|10|11|00|11|01|10|11|01|01|10|01|11|01|00| 1.0

11|11|00|00|11|11|11|10|01|01|01|10|01|11|01|00| 1.0

01|11|10|00|00|11|00|10|01|01|01|10|00|10|00|00| 0.0

10|10|11|00|00|11|01|00|00|01|01|10|01|10|01|00| 0.0

Generation --> 935

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|00|10|01|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|11|01|10|01|11|01|10|10|11|01|10|00|11|01|00| 3.0

11|00|11|10|10|10|01|00|01|01|01|10|11|11|01|01| 3.0

11|00|10|10|10|10|00|01|01|01|01|10|11|11|01|01| 2.0

00|11|10|10|00|01|11|11|10|11|01|10|01|11|01|00| 2.0

11|00|00|10|01|11|00|10|10|11|01|10|01|10|01|00| 2.0

11|11|00|10|11|11|11|11|00|01|01|00|01|11|01|00| 2.0

00|11|10|11|01|11|00|10|10|11|00|00|01|11|01|00| 1.0

01|11|10|00|00|01|11|10|10|11|01|10|01|11|01|00| 1.0

Generation --> 936

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|00|10|01|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|00|10|00|11|01|10|01|01|01|10|11|10|01|00| 3.0

01|00|11|10|10|10|01|00|01|01|01|10|11|11|01|01| 3.0

11|00|10|10|10|10|01|10|01|01|01|10|01|11|01|00| 3.0

00|10|10|10|10|10|01|00|01|00|01|10|11|11|01|01| 3.0

00|10|10|10|00|01|11|11|00|01|01|00|01|11|01|00| 2.0

11|00|00|10|01|11|00|10|10|11|01|10|00|11|01|00| 2.0

10|11|00|10|11|11|11|10|01|01|01|00|01|11|01|10| 2.0

01|11|10|10|00|01|11|10|10|11|01|10|01|11|01|00| 2.0

Generation --> 937

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|10|10|01|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|00|00|10|01|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|00|11|00|11|01|10|01|01|01|10|11|10|01|00| 3.0

11|00|10|10|10|10|01|10|00|01|01|10|01|11|01|01| 3.0

00|10|11|10|10|10|01|10|01|00|01|10|11|11|01|01| 3.0

00|10|10|10|00|01|11|10|01|01|01|10|01|11|01|00| 2.0

11|00|00|10|01|11|00|10|10|11|01|10|00|11|01|00| 2.0

10|11|00|10|11|11|11|10|01|01|01|10|11|10|01|00| 2.0

01|11|10|10|00|01|11|10|01|01|01|10|01|11|01|00| 2.0

Generation --> 938

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|10|10|01|11|01|10|01|11|01|10|01|11|01|00| 8.0

01|00|00|10|01|11|01|10|01|01|01|10|11|11|01|00| 3.0

11|00|10|10|10|10|01|10|00|01|01|10|11|11|01|01| 3.0

00|10|11|10|10|10|01|10|01|00|01|10|11|11|01|01| 3.0

00|10|00|10|00|01|11|10|01|00|01|10|01|11|01|00| 2.0

01|11|10|10|00|01|11|10|01|01|01|10|01|11|01|00| 2.0

10|10|10|11|01|11|01|10|01|01|11|10|01|11|01|00| 1.0

01|11|00|10|00|11|01|10|11|01|01|10|01|11|00|00| 0.0

10|11|00|10|11|11|01|10|01|01|01|10|01|01|01|01| 0.0

Generation --> 939

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|10|11|01|11|01|01|01|10|01|11|01|00| 8.0

01|00|01|10|11|11|01|10|01|01|01|11|01|11|01|00| 8.0

10|10|10|10|00|11|01|10|01|11|01|00|01|11|01|00| 8.0

10|10|00|10|00|11|01|10|01|01|01|10|01|10|01|00| 8.0

01|11|00|10|00|10|01|00|01|01|01|10|11|11|01|00| 3.0

10|00|10|10|10|10|01|10|01|01|00|10|01|11|01|00| 1.0

00|10|11|10|10|10|01|10|01|01|11|10|11|11|01|01| 1.0

00|10|00|10|00|01|01|10|00|01|01|10|10|01|01|01| 0.0

01|11|10|00|00|01|11|10|01|11|01|10|01|11|11|00| 0.0

Generation --> 940

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|10|11|01|11|01|01|01|10|01|11|01|00| 8.0

10|10|10|10|00|11|01|10|01|01|01|10|01|10|01|01| 8.0

10|10|01|10|11|11|01|10|01|01|01|11|01|11|01|00| 8.0

11|11|00|10|00|10|01|10|00|01|01|10|11|10|01|00| 3.0

00|10|00|10|00|01|01|10|00|01|01|00|01|11|01|00| 3.0

10|00|11|10|10|10|01|00|01|01|00|10|11|11|01|00| 1.0

00|10|11|10|01|10|11|10|01|01|11|10|11|11|01|00| 1.0

01|11|10|00|00|11|11|10|01|10|01|10|01|11|01|10| 1.0

01|01|01|10|00|11|01|11|01|01|01|10|01|10|01|00| 0.0

Generation --> 941

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|10|10|10|11|01|11|01|01|01|10|01|11|01|00| 8.0

11|01|00|10|00|10|01|10|00|01|01|10|11|10|01|00| 3.0

01|10|00|10|00|01|00|11|00|01|01|01|01|11|01|00| 2.0

10|10|00|11|11|11|01|01|01|00|01|10|01|11|01|00| 1.0

10|00|10|10|00|01|01|10|01|01|11|10|01|10|01|01| 1.0

10|10|00|11|00|10|01|10|00|01|01|10|11|10|01|00| 1.0

11|11|10|00|00|11|11|10|01|10|01|10|01|11|01|10| 1.0

01|01|00|10|01|11|01|00|01|01|00|10|11|11|01|01| 1.0

10|10|01|10|11|11|01|10|01|01|11|11|01|10|01|01| 0.0

Generation --> 942

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|10|10|10|11|01|11|01|01|01|10|01|11|01|00| 8.0

01|10|10|10|10|11|01|11|01|01|01|10|01|11|01|00| 8.0

01|01|00|10|01|11|01|00|01|01|01|10|01|11|01|00| 8.0

11|01|10|10|00|10|11|00|00|01|01|01|01|11|01|00| 2.0

10|10|00|11|11|11|01|01|00|00|01|01|01|11|01|00| 1.0

11|11|10|00|00|11|11|10|01|01|01|10|11|11|01|00| 1.0

10|00|11|10|00|01|01|10|00|01|01|00|11|10|01|00| 0.0

10|00|00|11|00|10|01|10|00|01|01|10|11|11|00|00| 0.0

10|10|01|10|11|11|01|00|01|00|10|11|01|10|01|01| 0.0

Generation --> 943

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|10|10|10|11|01|01|01|01|01|10|01|11|01|00| 8.0

01|10|10|10|10|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|01|00|10|11|11|01|01|00|00|01|00|01|11|01|00| 8.0

10|10|10|10|01|11|01|00|01|01|01|10|01|11|01|00| 8.0

11|11|10|10|01|11|01|10|01|00|01|10|01|11|01|01| 8.0

11|01|10|11|00|10|11|00|01|01|01|10|01|11|01|00| 1.0

10|10|10|10|10|11|01|11|01|01|01|10|01|10|01|01| 0.0

00|00|00|01|00|11|01|10|00|01|01|10|11|11|00|00| 0.0

00|10|01|11|11|11|01|00|01|00|10|11|01|10|01|01| 0.0

Generation --> 944

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|10|10|10|11|01|01|01|01|01|10|01|11|01|01| 8.0

01|10|10|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|01|00|10|11|11|01|01|00|00|01|00|01|11|01|00| 8.0

10|10|10|10|01|11|01|00|01|01|01|10|01|11|01|10| 8.0

11|11|10|10|01|11|01|10|01|10|01|10|01|11|01|01| 8.0

10|10|11|10|10|11|01|10|00|01|01|10|01|11|01|00| 8.0

01|11|11|10|01|11|01|10|01|00|11|10|01|11|01|00| 1.0

11|01|10|11|00|10|11|00|01|01|01|10|01|11|01|00| 1.0

00|10|01|10|11|01|01|00|01|00|10|11|01|10|01|01| 0.0

Generation --> 945

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|11|10|10|10|11|01|01|11|01|01|10|01|11|01|00| 8.0

01|10|10|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|01|00|10|11|11|01|10|01|10|01|10|01|11|01|01| 8.0

10|10|10|10|10|11|01|01|01|00|01|10|01|11|01|01| 8.0

11|11|10|10|01|11|01|10|01|10|01|10|01|11|01|00| 8.0

10|10|11|10|10|11|01|10|01|10|01|10|01|10|01|01| 8.0

01|11|11|10|01|11|01|00|11|00|10|10|01|11|01|01| 1.0

01|01|10|11|00|00|11|00|01|01|01|10|01|11|01|01| 1.0

00|10|01|10|11|01|01|00|01|00|10|10|01|11|01|01| 1.0

Generation --> 946

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|11|10|10|10|11|01|01|11|10|01|10|01|11|01|00| 8.0

01|10|10|10|00|11|01|10|01|00|01|10|01|11|01|00| 8.0

10|10|10|10|10|11|01|01|11|00|01|10|01|11|01|00| 8.0

10|10|11|10|10|11|01|10|01|10|01|10|01|10|01|01| 8.0

01|11|11|10|01|11|01|10|01|10|01|10|01|11|01|01| 8.0

01|01|00|00|11|11|01|10|01|10|00|10|01|11|01|01| 1.0

11|11|10|10|10|11|01|01|01|01|00|10|01|11|01|01| 1.0

01|00|10|01|10|00|11|00|01|01|01|10|01|11|01|00| 1.0

00|10|01|10|11|01|01|00|01|00|01|10|01|01|01|00| 0.0

Generation --> 947

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|11|10|10|10|11|01|01|11|10|01|10|01|11|01|01| 8.0

10|10|10|10|10|11|01|01|11|00|01|10|01|11|01|00| 8.0

10|10|11|10|10|11|01|10|01|00|01|10|01|11|01|00| 8.0

11|11|10|10|10|11|01|10|01|00|01|10|01|11|01|00| 8.0

01|10|10|10|00|11|01|10|01|00|00|10|01|11|01|00| 1.0

01|01|00|00|11|11|01|10|01|10|00|10|01|11|01|10| 1.0

00|11|10|10|10|11|01|01|11|10|01|10|01|11|00|00| 0.0

00|10|01|10|11|01|00|00|01|01|11|10|01|11|00|00| 0.0

00|00|11|01|10|00|11|00|01|01|01|10|01|10|01|01| 0.0

Generation --> 948

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|11|11|10|10|11|01|01|11|10|01|10|01|11|01|00| 8.0

00|10|10|10|10|11|01|11|11|11|01|10|01|11|01|01| 8.0

00|11|10|10|11|11|01|01|01|10|01|10|01|11|01|01| 8.0

11|10|00|10|00|10|01|10|01|01|01|10|01|11|01|00| 3.0

00|00|11|01|10|00|11|00|01|01|00|10|01|11|01|00| 1.0

10|10|10|10|10|11|01|01|11|00|01|10|01|11|00|00| 0.0

00|11|10|10|10|11|01|01|11|10|01|10|01|11|11|00| 0.0

00|10|10|11|00|11|01|10|01|00|00|10|01|01|01|00| 0.0

00|10|01|10|11|01|01|00|01|01|11|10|01|11|00|00| 0.0

Generation --> 949

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|11|11|10|10|11|01|01|11|10|01|10|01|11|01|00| 8.0

00|11|10|10|11|11|01|01|01|10|01|10|01|11|01|00| 8.0

11|10|00|10|11|11|01|01|01|10|01|10|01|11|01|01| 8.0

10|10|10|10|10|11|01|01|11|11|01|10|01|11|01|01| 8.0

00|11|10|10|11|11|01|01|01|10|01|00|01|11|01|01| 8.0

00|00|11|01|10|00|11|00|01|01|00|01|01|11|01|00| 1.0

00|10|01|10|11|01|01|00|01|01|11|10|01|11|01|00| 1.0

10|11|11|10|11|11|01|01|01|10|01|10|01|11|11|01| 0.0

00|10|00|10|10|11|01|11|11|11|01|10|10|11|11|01| 0.0

Generation --> 950

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|11|11|10|10|11|01|01|11|10|01|10|01|11|01|01| 8.0

10|10|10|10|00|11|01|01|11|11|01|10|01|11|01|01| 8.0

00|01|10|10|01|11|01|01|01|10|01|10|01|11|01|00| 8.0

00|11|10|10|11|11|01|01|01|11|01|10|01|11|01|00| 8.0

10|11|10|10|01|10|01|01|01|10|01|10|01|11|01|00| 3.0

00|10|00|10|10|11|11|11|11|11|01|10|01|11|01|01| 2.0

00|11|10|11|11|11|01|01|11|11|01|10|01|11|01|01| 1.0

11|10|00|10|11|11|01|01|01|10|00|10|01|11|01|01| 1.0

00|00|11|00|10|01|01|01|11|11|01|10|01|11|01|01| 1.0

Generation --> 951

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|11|11|10|10|11|01|01|11|10|01|10|01|11|01|01| 8.0

10|10|10|10|00|11|01|01|11|11|01|10|01|11|01|00| 8.0

11|11|10|10|01|10|01|01|01|10|01|10|01|11|01|11| 3.0

00|10|00|10|10|11|11|11|11|10|11|10|01|11|01|01| 1.0

00|11|10|11|11|01|01|01|00|11|00|10|01|11|01|01| 1.0

11|10|01|11|11|11|01|01|01|10|00|10|11|11|01|00| 1.0

00|11|10|00|11|11|01|01|01|11|01|10|01|01|01|01| 0.0

00|01|10|10|01|10|01|01|01|10|01|10|11|11|11|00| 0.0

00|00|11|00|10|01|01|01|11|11|01|10|01|11|11|00| 0.0

Generation --> 952

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|11|11|10|10|11|01|01|11|10|01|10|01|11|01|00| 8.0

10|00|11|10|10|11|01|01|11|00|01|10|11|11|01|01| 3.0

00|01|10|10|01|10|01|01|01|10|01|10|00|11|01|00| 3.0

11|10|10|10|01|10|00|01|11|10|01|10|01|11|01|11| 2.0

00|11|10|11|10|01|01|01|00|11|00|10|01|11|01|01| 1.0

11|10|01|11|11|11|01|01|01|10|00|10|11|11|01|00| 1.0

00|11|10|00|11|11|01|01|01|00|11|10|01|11|01|01| 1.0

00|00|11|00|10|11|11|01|11|10|11|10|01|11|01|01| 1.0

00|10|00|10|10|11|11|11|11|10|01|10|01|11|00|01| 0.0

Generation --> 953

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|11|11|11|10|11|01|01|01|00|01|10|11|11|01|01| 3.0

01|01|11|10|10|10|00|01|11|00|01|10|11|11|01|01| 2.0

01|01|10|10|01|11|00|01|01|10|01|11|00|11|01|00| 2.0

00|10|00|10|10|11|11|11|11|10|01|10|00|11|01|00| 2.0

10|00|11|11|10|11|01|10|01|01|01|10|01|11|01|00| 1.0

11|10|01|11|11|11|01|01|01|10|00|10|11|11|01|00| 1.0

00|11|10|00|11|01|01|01|01|00|11|11|01|11|01|00| 1.0

00|00|11|00|10|11|11|01|11|10|11|10|01|11|01|00| 1.0

10|10|10|10|01|10|00|01|11|10|11|10|01|01|01|00| 0.0

Generation --> 954

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|01|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|11|11|10|01|11|00|01|01|10|01|11|00|11|01|00| 2.0

01|01|10|10|11|10|00|00|11|00|01|10|11|11|01|00| 2.0

00|10|00|10|10|11|11|11|01|01|01|10|01|11|01|01| 2.0

11|10|01|11|01|11|01|01|01|10|00|00|01|11|01|00| 1.0

00|01|00|10|11|01|01|01|01|00|11|11|01|11|01|11| 1.0

10|00|01|00|10|11|11|01|10|10|11|10|01|11|01|00| 1.0

00|10|00|00|10|11|11|11|11|10|01|10|00|11|00|00| 0.0

10|10|10|10|01|10|00|01|11|10|01|10|01|01|01|01| 0.0

Generation --> 955

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|01|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|00|10|00|11|01|10|01|01|01|10|01|11|01|01| 8.0

10|01|00|10|00|01|01|10|11|01|01|10|01|11|01|00| 3.0

10|10|01|11|01|11|01|01|01|10|00|00|01|11|01|00| 1.0

00|01|00|10|11|01|01|01|01|00|11|11|01|11|01|11| 1.0

10|00|01|00|00|11|01|01|01|10|00|00|01|11|01|00| 1.0

00|11|11|10|01|11|01|10|01|01|01|10|01|11|00|00| 0.0

00|10|00|10|10|11|11|11|01|01|01|10|01|10|01|00| 0.0

10|10|10|11|01|10|00|01|11|10|01|10|01|01|01|00| 0.0

Generation --> 956

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|11|10|10|01|11|01|10|00|01|01|10|01|11|01|00| 8.0

00|01|00|10|11|01|01|01|01|00|01|11|01|11|01|01| 3.0

00|10|00|10|00|11|00|10|01|01|01|10|01|11|01|01| 2.0

01|01|01|10|01|11|01|10|11|01|00|10|01|11|01|00| 1.0

10|01|00|10|00|10|01|01|01|10|00|00|01|11|01|00| 1.0

10|10|01|01|11|11|01|01|11|01|01|10|00|11|01|11| 1.0

10|00|01|00|00|11|01|01|01|01|01|10|01|11|01|01| 1.0

10|11|10|11|01|10|00|00|11|11|01|10|01|11|01|01| 1.0

00|10|00|10|10|11|01|10|11|01|01|10|01|11|00|00| 0.0

Generation --> 957

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|00|00|10|01|11|01|10|00|01|01|10|01|11|01|00| 8.0

01|10|00|10|00|11|00|10|01|00|01|10|01|11|01|00| 2.0

00|01|00|10|11|00|00|10|01|01|01|10|01|11|01|00| 2.0

10|11|10|11|01|11|01|10|00|01|01|11|01|11|01|01| 1.0

10|01|00|10|00|10|01|01|01|10|00|00|00|11|01|11| 1.0

10|11|00|11|01|10|00|00|11|11|01|10|01|11|01|01| 1.0

10|11|00|00|10|11|01|10|00|01|01|10|11|11|00|01| 0.0

00|10|00|10|00|11|00|10|01|01|01|10|01|00|00|00| 0.0

10|10|01|11|11|11|01|01|11|01|01|10|00|11|00|00| 0.0

Generation --> 958

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|00|10|00|11|00|10|01|00|01|10|01|11|01|11| 2.0

00|01|00|10|11|00|00|10|01|01|01|10|01|11|01|00| 2.0

00|11|00|10|00|11|00|10|01|00|01|10|11|11|01|00| 2.0

10|11|10|10|01|10|00|10|11|11|01|00|01|11|01|01| 2.0

10|01|00|11|00|10|01|01|01|10|00|00|01|11|01|01| 1.0

10|11|10|00|10|11|01|00|01|01|01|10|01|11|01|00| 1.0

10|00|00|10|01|11|01|10|00|01|01|10|01|01|01|00| 0.0

10|11|00|01|01|11|11|00|00|01|01|10|01|01|01|00| 0.0

10|10|01|10|11|11|01|01|11|01|00|10|00|11|00|00| 0.0

Generation --> 959

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|00|10|10|11|00|10|01|00|01|10|01|11|01|00| 2.0

00|11|00|10|00|11|00|10|01|10|01|10|01|11|01|00| 2.0

10|11|10|10|00|10|00|10|11|01|01|00|01|11|01|00| 2.0

10|11|00|11|00|11|00|00|01|00|01|10|10|11|01|00| 1.0

10|01|00|11|00|10|00|01|01|00|00|00|01|11|01|00| 1.0

10|10|01|10|11|11|01|01|11|01|00|10|00|11|01|00| 1.0

00|01|00|10|01|10|00|10|11|11|00|00|01|01|11|01| 0.0

10|11|11|00|10|11|01|00|01|01|01|11|01|11|00|00| 0.0

10|00|00|10|01|11|11|10|00|01|11|00|01|01|01|01| 0.0

Generation --> 960

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|00|10|10|11|00|10|01|00|01|10|00|11|01|00| 2.0

00|11|10|10|00|11|00|10|01|10|01|10|01|11|01|00| 2.0

10|10|10|10|00|10|00|10|11|01|01|00|01|11|01|00| 2.0

10|00|00|10|10|11|00|10|01|00|01|10|01|11|01|00| 2.0

00|10|11|10|11|11|01|00|11|01|00|10|01|11|01|10| 1.0

10|11|00|11|00|01|10|00|01|00|01|10|11|11|01|00| 1.0

10|01|00|11|00|10|00|01|01|00|00|00|01|11|01|00| 1.0

10|11|11|10|10|11|01|00|01|00|11|10|01|11|01|00| 1.0

10|11|10|00|00|10|00|10|11|01|01|00|01|11|11|00| 0.0

Generation --> 961

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|11|00|10|10|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|11|10|10|01|11|00|00|01|10|01|10|01|11|01|00| 2.0

10|00|00|10|10|11|00|10|01|00|01|00|01|11|01|00| 2.0

10|10|10|10|11|11|01|00|11|00|00|10|01|11|01|10| 1.0

10|11|00|11|00|01|10|10|01|00|01|10|00|10|01|00| 1.0

10|01|00|11|00|10|00|10|01|00|01|10|00|11|01|01| 1.0

10|11|11|10|10|11|01|00|01|00|11|10|01|11|01|00| 1.0

10|11|10|00|00|11|00|10|10|10|01|10|01|11|01|00| 1.0

10|10|10|10|11|11|01|00|01|00|01|10|00|00|01|00| 0.0

Generation --> 962

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|11|00|10|10|11|01|10|01|00|01|10|01|11|01|00| 8.0

00|10|10|10|10|11|00|10|01|00|01|00|01|11|01|00| 2.0

10|11|10|10|01|01|00|00|01|11|01|10|01|11|01|00| 2.0

10|10|00|10|00|11|10|00|00|00|01|10|01|11|01|00| 2.0

10|01|00|11|00|10|00|10|01|00|01|00|01|11|01|00| 1.0

10|11|11|10|10|11|01|00|01|00|11|10|01|11|01|00| 1.0

11|11|00|00|10|11|00|10|11|10|01|10|01|11|01|00| 1.0

00|11|10|10|01|11|00|00|01|10|11|10|01|11|00|00| 0.0

00|01|00|10|10|11|00|10|01|01|01|00|01|01|01|00| 0.0

Generation --> 963

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|11|00|10|10|11|01|10|01|00|01|00|01|11|01|01| 8.0

00|11|10|10|10|01|00|10|01|10|01|00|01|11|01|00| 2.0

10|11|10|10|01|01|00|01|01|11|01|10|00|11|01|00| 2.0

00|01|00|10|10|11|00|10|01|00|01|00|01|11|01|00| 2.0

10|01|00|11|00|10|00|00|01|00|01|00|00|11|01|00| 1.0

00|11|11|10|10|11|01|00|01|00|11|00|01|11|01|00| 1.0

11|11|00|00|10|11|00|10|11|10|01|11|01|11|01|01| 1.0

00|11|10|11|01|00|00|00|11|10|11|10|00|11|01|00| 1.0

10|10|00|10|00|10|00|10|01|01|01|00|01|10|01|00| 0.0

Generation --> 964

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|10|00|10|01|01|01|00|01|11|01|00| 2.0

10|11|10|11|01|01|01|10|01|00|01|00|01|11|01|01| 1.0

10|01|00|11|11|11|00|10|01|00|01|10|01|11|01|10| 1.0

00|10|10|11|01|01|01|10|01|01|01|10|01|11|01|10| 1.0

10|11|00|10|10|01|01|10|01|00|01|00|01|00|01|00| 0.0

00|11|11|10|10|11|00|00|01|00|01|00|01|11|00|01| 0.0

00|11|10|10|10|01|00|10|01|10|01|00|01|01|01|01| 0.0

01|01|11|11|01|00|00|00|11|10|11|10|10|11|11|00| 0.0

11|10|00|00|10|11|00|10|11|10|01|11|01|11|00|00| 0.0

Generation --> 965

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|11|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|11|11|10|10|10|00|00|01|10|01|00|01|11|01|01| 2.0

10|01|00|11|11|11|00|10|01|01|01|10|01|11|01|00| 1.0

00|00|10|11|01|11|01|10|01|01|01|10|01|11|01|00| 1.0

01|01|11|11|01|00|00|00|11|00|01|10|01|11|01|01| 1.0

11|10|00|00|10|10|00|10|01|01|00|00|01|11|01|00| 1.0

10|11|00|10|10|01|00|10|01|01|01|10|01|11|00|00| 0.0

00|11|10|10|10|11|00|10|01|00|01|00|01|11|11|01| 0.0

Generation --> 966

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|01|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|11|10|01|01|01|10|01|11|01|01| 2.0

00|11|10|10|10|11|00|00|01|10|01|01|01|11|01|01| 2.0

11|10|00|11|00|11|01|10|01|01|01|10|01|11|01|00| 1.0

00|11|01|10|10|11|01|10|01|00|11|00|01|11|01|00| 1.0

11|11|00|00|10|01|00|10|01|00|01|10|01|11|01|01| 1.0

00|01|10|11|01|11|01|10|11|01|01|10|01|11|01|01| 1.0

01|01|11|11|01|00|00|10|00|01|01|10|01|11|01|00| 1.0

00|01|00|11|11|11|00|10|01|01|01|10|01|00|01|00| 0.0

Generation --> 967

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|01|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|00|10|00|11|01|10|01|11|01|10|01|11|01|00| 8.0

11|11|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|11|10|01|11|01|10|01|11|01|01| 2.0

00|11|11|10|10|11|00|00|01|10|01|01|01|11|01|11| 2.0

11|10|00|11|00|11|01|10|01|00|01|10|01|11|01|01| 1.0

01|01|10|11|01|11|01|10|11|01|01|10|01|11|01|01| 1.0

01|01|11|11|01|00|00|10|00|00|01|10|01|11|01|01| 1.0

00|01|00|11|11|11|00|10|00|01|01|10|01|11|01|01| 1.0

Generation --> 968

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|01|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|11|11|10|10|11|01|10|01|10|01|10|00|11|01|00| 3.0

11|00|00|11|00|11|01|10|01|00|01|10|01|11|01|01| 1.0

01|01|10|11|01|00|00|10|00|00|01|10|01|11|01|01| 1.0

00|01|00|11|11|11|00|10|00|01|01|10|01|11|01|00| 1.0

00|11|00|10|00|11|01|10|01|01|01|10|01|01|01|01| 0.0

11|11|00|10|00|11|01|00|01|01|01|10|11|10|01|00| 0.0

10|10|00|10|00|11|11|10|01|11|01|11|01|01|01|01| 0.0

01|00|11|11|01|00|00|10|01|01|01|10|01|01|01|00| 0.0

Generation --> 969

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|10|10|10|11|01|10|01|10|01|10|01|11|01|00| 8.0

01|01|10|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|00|00|10|00|01|01|10|01|01|01|10|01|11|01|01| 3.0

00|10|00|10|00|11|01|10|01|01|01|10|11|11|01|00| 3.0

10|11|00|10|00|11|01|00|01|01|01|10|11|11|01|10| 3.0

11|00|10|01|00|11|01|10|01|00|01|10|01|10|01|11| 1.0

00|01|00|11|11|11|00|10|00|01|01|10|01|11|01|00| 1.0

00|11|00|10|01|10|00|10|01|00|01|10|01|01|01|00| 0.0

10|10|00|00|00|11|11|10|01|11|01|11|01|01|01|00| 0.0

Generation --> 970

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|00|10|10|11|01|10|01|10|01|00|01|11|01|00| 8.0

00|11|00|10|10|11|01|10|01|10|01|10|01|10|01|01| 8.0

10|00|01|10|00|01|01|10|01|01|01|10|01|11|01|01| 3.0

00|10|00|10|00|11|01|10|01|01|01|10|11|11|01|00| 3.0

01|01|10|11|00|11|01|10|01|00|01|10|01|10|01|11| 1.0

10|00|10|01|01|11|01|10|01|00|01|10|01|11|01|00| 1.0

00|01|00|11|11|11|00|10|01|01|01|10|01|11|01|00| 1.0

10|10|00|00|00|01|11|10|01|11|01|11|01|11|01|00| 1.0

10|11|00|10|11|10|01|00|01|01|01|10|11|10|01|11| 0.0

Generation --> 971

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|00|00|10|00|01|01|10|01|01|01|10|01|11|01|00| 3.0

10|11|00|10|11|10|00|10|01|01|01|10|01|10|01|00| 2.0

11|00|01|11|00|11|01|10|01|01|01|10|01|11|01|00| 1.0

00|10|00|10|00|11|01|10|01|01|11|10|11|11|01|00| 1.0

10|10|01|10|00|01|01|10|01|01|00|10|01|11|01|01| 1.0

00|01|00|11|11|11|00|10|01|01|01|10|01|11|01|11| 1.0

10|10|01|10|00|11|01|10|01|00|01|10|11|11|11|00| 0.0

01|00|10|01|01|11|01|00|01|00|01|10|01|01|01|01| 0.0

11|10|10|00|10|11|00|10|01|10|01|01|11|10|01|01| 0.0

Generation --> 972

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|00|00|10|00|01|01|10|01|00|01|10|01|10|01|00| 3.0

10|10|00|10|00|11|01|10|01|01|01|00|11|11|01|00| 3.0

10|11|00|10|11|00|00|10|01|01|01|10|01|11|01|00| 2.0

01|00|10|10|11|10|00|10|01|01|01|10|01|10|01|00| 2.0

00|10|00|00|00|11|01|10|01|01|01|10|01|11|01|11| 1.0

11|00|01|11|00|11|01|10|01|01|01|10|01|10|01|00| 1.0

10|10|01|10|00|11|01|10|01|01|10|10|01|11|01|00| 1.0

00|01|00|11|11|11|01|10|01|01|01|10|01|10|01|00| 1.0

11|10|10|00|10|11|00|10|01|01|01|10|01|11|00|11| 0.0

Generation --> 973

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|00|00|10|00|01|01|10|01|00|01|10|01|10|01|00| 3.0

10|10|00|10|00|11|01|10|01|01|01|00|11|11|01|00| 3.0

11|10|10|10|00|11|01|11|01|01|01|00|11|11|01|00| 3.0

10|11|00|00|11|00|01|10|01|01|01|10|01|11|01|01| 1.0

01|00|10|10|11|10|00|10|01|00|00|10|11|11|01|00| 1.0

11|00|01|11|11|10|00|10|01|01|01|10|01|10|01|00| 1.0

00|10|00|00|00|11|01|10|01|01|01|10|01|11|01|11| 1.0

00|01|00|11|11|11|01|10|01|01|01|10|01|11|01|00| 1.0

10|10|00|11|00|11|11|10|01|01|01|10|01|00|01|00| 0.0

Generation --> 974

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|10|10|00|01|01|11|01|01|01|00|01|11|01|00| 3.0

10|00|01|11|00|11|01|11|01|01|01|00|11|11|01|10| 3.0

10|10|00|10|00|11|01|10|01|01|01|00|11|11|01|00| 3.0

10|01|00|00|11|00|01|10|01|01|01|10|01|11|01|01| 1.0

01|00|10|10|11|10|01|10|01|00|00|10|01|10|01|00| 1.0

11|00|01|11|11|10|00|10|01|01|01|10|01|10|01|00| 1.0

00|10|00|00|00|11|01|10|01|01|01|10|01|11|01|00| 1.0

00|01|00|11|11|11|00|10|11|01|01|10|01|10|01|00| 1.0

10|10|00|11|00|10|11|10|01|01|01|10|01|00|01|00| 0.0

Generation --> 975

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|01|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|10|10|00|01|01|11|01|01|01|00|01|11|01|00| 3.0

01|00|10|10|11|01|01|11|01|01|01|00|11|11|01|10| 3.0

11|00|10|10|00|01|01|11|11|01|01|00|01|11|01|00| 3.0

10|00|01|11|00|11|01|11|11|01|00|00|11|11|01|10| 1.0

10|01|00|00|11|00|01|10|01|01|01|00|01|11|01|00| 1.0

00|01|10|11|11|11|00|10|11|01|01|10|01|11|01|01| 1.0

10|11|00|11|00|10|11|10|01|01|01|10|01|10|01|01| 1.0

11|00|01|11|11|10|00|00|01|11|00|10|01|10|01|00| 0.0

Generation --> 976

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|00|10|10|00|11|01|11|11|01|01|00|01|11|01|00| 8.0

11|10|10|10|00|01|01|11|01|01|01|10|01|11|01|00| 3.0

01|00|10|00|11|00|01|11|01|00|01|00|11|11|01|10| 1.0

10|00|01|11|00|11|01|11|10|01|00|00|11|11|01|10| 1.0

00|01|10|11|11|11|00|10|11|01|01|00|01|11|01|00| 1.0

10|10|00|11|00|10|11|10|01|01|01|10|01|11|01|00| 1.0

11|00|01|11|11|10|00|00|01|11|00|10|01|11|01|00| 1.0

10|10|01|01|00|11|01|10|01|01|01|10|01|01|11|00| 0.0

10|11|00|00|11|00|01|10|01|01|01|00|01|10|01|00| 0.0

Generation --> 977

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|00|10|10|00|11|01|11|11|01|01|00|01|11|01|00| 8.0

11|10|10|10|00|01|00|10|01|01|01|00|01|11|01|00| 2.0

01|00|10|00|00|11|01|01|01|01|01|10|01|11|01|00| 1.0

00|10|01|10|00|00|01|11|01|01|11|10|11|11|01|00| 1.0

10|00|01|11|00|10|00|00|01|11|00|10|01|11|01|00| 1.0

01|01|10|11|11|10|01|11|11|01|01|00|01|11|01|00| 1.0

00|10|00|11|00|10|11|10|01|01|01|10|01|11|01|00| 1.0

11|00|01|11|11|10|00|01|01|11|10|10|11|11|01|10| 1.0

10|01|00|00|11|00|00|10|01|01|01|10|01|11|01|00| 1.0

Generation --> 978

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|00|10|10|00|11|01|11|10|01|01|00|11|11|01|00| 3.0

00|10|01|10|00|00|01|01|01|01|01|10|01|11|01|00| 3.0

11|11|10|11|00|01|00|10|01|01|01|00|01|11|01|00| 1.0

01|01|10|11|10|10|01|11|11|01|01|00|01|11|01|00| 1.0

00|10|01|11|00|10|11|10|01|01|00|00|01|11|01|00| 1.0

01|00|01|11|11|10|00|10|01|01|01|00|01|11|01|00| 1.0

10|01|00|00|11|00|00|10|01|01|01|10|01|11|01|00| 1.0

01|00|10|10|00|00|00|10|01|01|01|00|01|11|11|00| 0.0

10|10|01|11|00|10|00|00|01|11|01|00|01|11|11|00| 0.0

Generation --> 979

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|00|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|01|10|00|00|01|01|01|01|01|10|01|11|01|00| 3.0

11|11|11|10|00|00|01|01|01|01|01|10|01|11|01|00| 3.0

01|00|10|10|00|00|00|10|00|01|01|00|01|11|01|00| 2.0

01|01|10|11|10|10|01|11|11|01|01|00|01|11|01|00| 1.0

11|00|01|11|11|10|00|10|01|01|01|10|11|11|01|00| 1.0

11|00|10|10|00|00|01|01|01|01|01|10|01|11|11|00| 0.0

10|01|00|00|11|01|01|10|01|01|01|10|01|01|01|00| 0.0

10|10|01|11|00|10|00|00|01|11|01|00|01|11|11|00| 0.0

Generation --> 980

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|00|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|01|10|00|00|01|01|01|01|01|11|01|11|01|00| 3.0

01|00|10|10|00|00|00|10|00|01|01|00|00|11|01|00| 2.0

10|01|00|00|00|01|01|10|01|01|01|10|01|11|01|00| 1.0

01|10|01|00|00|00|01|11|01|01|01|10|01|11|01|00| 1.0

01|01|10|11|10|10|01|11|11|01|00|10|01|11|01|00| 1.0

10|10|01|11|00|11|01|10|01|01|01|10|01|11|01|00| 1.0

01|11|11|10|00|10|01|01|01|01|01|10|01|11|11|00| 0.0

01|00|10|10|00|00|01|01|01|11|01|10|01|11|11|00| 0.0

Generation --> 981

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|00|10|10|00|11|01|01|01|01|01|11|01|11|01|00| 8.0

11|10|01|10|01|00|01|01|01|01|01|11|01|11|01|01| 3.0

01|00|11|10|00|00|00|10|00|01|01|00|00|11|01|00| 2.0

10|01|00|00|00|01|01|10|01|01|01|10|01|11|01|01| 1.0

01|10|00|00|00|00|01|11|11|01|01|00|11|11|01|00| 1.0

11|01|10|11|10|10|11|11|11|01|00|10|01|11|01|00| 1.0

10|10|01|11|00|11|01|10|01|01|01|10|01|11|01|00| 1.0

01|11|11|10|00|10|01|01|01|01|01|10|01|11|11|00| 0.0

11|00|00|10|00|01|01|01|01|11|01|10|01|11|11|00| 0.0

Generation --> 982

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|00|10|10|00|11|01|01|01|01|01|11|01|11|01|00| 8.0

11|10|00|10|00|11|01|00|00|01|01|11|00|11|01|00| 3.0

01|10|00|10|01|00|01|00|01|11|01|11|01|11|01|01| 3.0

01|11|11|10|00|10|01|01|11|01|01|10|11|11|01|00| 3.0

01|00|11|10|00|01|11|10|01|01|01|10|01|11|01|00| 2.0

10|01|00|00|00|01|01|10|00|01|01|00|00|11|01|00| 1.0

11|11|10|11|10|10|11|11|11|01|00|10|00|11|01|00| 1.0

10|10|01|11|00|11|01|10|01|01|01|10|01|11|01|00| 1.0

11|00|00|10|00|01|01|01|01|11|01|10|01|11|11|00| 0.0

Generation --> 983

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|10|00|10|00|11|01|00|01|01|01|11|00|11|01|00| 3.0

01|10|00|10|01|00|01|01|01|01|01|11|01|11|01|00| 3.0

01|11|11|10|00|10|01|01|10|01|01|10|10|11|01|00| 3.0

01|00|11|10|00|01|11|10|01|00|01|11|01|11|01|00| 2.0

11|00|00|00|00|11|01|00|00|10|01|11|00|11|01|00| 1.0

00|01|00|00|10|01|01|10|01|01|00|11|01|11|01|00| 1.0

11|10|10|11|10|10|11|01|11|01|00|10|00|11|01|00| 1.0

10|00|10|10|00|10|01|01|01|01|01|11|01|11|11|00| 0.0

Generation --> 984

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|10|00|10|00|11|01|10|01|01|01|10|01|10|01|00| 8.0

01|00|00|10|00|10|01|10|11|01|01|10|01|11|01|00| 3.0

01|11|11|10|00|10|01|01|00|01|01|11|01|11|01|00| 3.0

11|00|00|00|00|11|01|00|00|00|01|10|01|11|01|00| 1.0

00|01|00|10|10|01|01|10|01|01|00|11|01|11|01|00| 1.0

11|10|10|11|10|10|11|01|11|01|00|10|00|11|01|00| 1.0

00|10|00|01|00|11|11|00|00|01|01|11|00|10|01|00| 0.0

01|10|00|10|01|00|01|10|01|01|01|10|01|11|11|10| 0.0

10|00|10|10|00|10|01|01|01|01|01|11|01|11|11|10| 0.0

Generation --> 985

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|00|10|00|11|01|10|01|01|01|10|01|10|01|00| 8.0

01|11|11|10|00|10|01|01|01|01|01|11|01|11|01|01| 3.0

10|00|10|10|00|10|01|01|00|01|01|11|01|11|01|00| 3.0

10|11|00|10|00|01|11|10|00|01|01|10|01|10|01|00| 2.0

11|00|00|00|00|11|01|10|01|01|11|10|01|10|01|00| 1.0

00|01|00|10|10|01|01|10|01|01|00|11|01|11|01|00| 1.0

00|10|00|01|00|11|11|10|01|01|01|10|01|11|01|00| 1.0

01|00|00|10|10|10|01|11|11|01|01|10|01|11|11|00| 0.0

11|10|10|11|10|11|01|10|01|11|01|10|01|00|01|01| 0.0

Generation --> 986

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|01|11|10|00|10|01|01|11|01|01|11|01|11|01|01| 3.0

01|10|00|11|00|11|01|10|01|01|01|10|01|10|01|00| 1.0

11|10|00|10|00|01|01|10|01|11|00|10|01|10|01|00| 1.0

01|00|00|00|10|10|00|10|01|11|01|10|01|11|01|00| 1.0

10|10|10|10|00|10|01|01|00|01|01|11|01|01|01|00| 0.0

10|11|01|10|00|00|11|11|11|01|01|10|01|10|01|01| 0.0

00|10|00|11|00|11|11|00|01|00|01|10|01|11|00|01| 0.0

11|10|00|11|00|11|01|10|01|01|01|10|01|11|00|00| 0.0

11|11|01|10|01|10|01|01|01|01|01|10|01|10|01|00| 0.0

Generation --> 987

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|01|10|10|00|10|01|01|11|01|01|10|01|11|01|00| 3.0

10|11|01|10|00|00|11|11|11|01|01|10|01|11|01|00| 2.0

01|10|00|10|00|01|01|10|01|11|00|10|01|11|01|00| 1.0

11|10|00|10|00|01|01|10|01|11|00|10|01|10|01|00| 1.0

01|00|00|00|10|10|00|10|01|11|01|00|01|11|01|00| 1.0

11|10|00|11|00|11|01|10|01|11|00|10|01|10|01|00| 1.0

00|10|00|10|00|11|01|10|01|01|01|10|11|11|00|00| 0.0

10|10|10|10|00|11|00|01|00|01|01|11|01|01|01|00| 0.0

11|11|01|10|01|10|01|01|01|01|01|11|01|11|00|01| 0.0

Generation --> 988

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|00|10|00|01|01|10|00|01|01|10|01|11|01|10| 3.0

11|01|00|10|00|10|01|01|11|01|01|10|01|11|01|10| 3.0

10|11|10|10|00|10|01|01|11|01|01|10|01|11|01|00| 3.0

10|11|01|10|00|00|11|11|11|01|01|10|11|11|01|00| 2.0

11|11|01|11|01|10|11|11|11|01|01|10|11|11|01|00| 1.0

01|01|10|10|00|10|01|11|11|11|00|00|01|11|01|00| 1.0

01|00|00|00|10|10|00|10|01|11|01|00|01|11|01|00| 1.0

11|10|00|11|00|11|01|10|01|11|00|11|01|11|01|00| 1.0

01|10|00|10|00|11|01|10|01|11|00|10|01|11|01|00| 1.0

Generation --> 989

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|01|10|00|01|01|10|00|01|01|10|00|11|01|00| 3.0

10|11|10|10|00|10|01|11|11|01|01|10|01|11|01|00| 3.0

10|10|00|10|00|01|01|10|00|01|01|10|01|11|01|10| 3.0

11|11|01|11|01|10|11|11|11|01|01|10|11|11|01|00| 1.0

01|01|10|10|00|10|01|11|11|11|00|00|01|11|01|00| 1.0

11|10|00|10|00|11|01|10|01|11|00|10|01|11|01|00| 1.0

11|01|00|10|10|10|01|01|11|01|01|10|11|10|01|10| 0.0

01|00|00|00|10|11|00|10|01|11|01|00|01|10|01|10| 0.0

11|00|00|11|00|11|01|10|01|11|00|11|01|10|11|00| 0.0

Generation --> 990

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|01|10|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|01|10|00|01|01|10|00|01|01|10|00|11|01|00| 3.0

01|00|00|10|00|11|00|10|11|01|01|10|01|11|01|00| 2.0

10|11|10|10|00|11|01|10|01|11|10|10|01|11|01|00| 1.0

10|10|01|00|00|11|01|10|00|11|00|10|01|11|01|10| 1.0

11|11|01|01|01|10|11|11|11|00|11|00|01|11|01|10| 1.0

11|01|01|10|11|10|01|01|00|01|01|10|01|01|01|11| 0.0

10|11|10|10|00|10|01|11|11|01|01|11|01|11|00|01| 0.0

11|00|00|10|00|11|01|10|01|11|10|10|01|11|00|00| 0.0

Generation --> 991

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|11|01|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|01|10|10|00|11|01|10|01|01|01|10|00|11|01|00| 3.0

10|11|10|10|00|01|01|10|01|01|01|10|01|11|01|00| 3.0

01|01|00|10|00|11|00|10|01|01|01|10|01|11|01|00| 2.0

10|10|01|00|00|11|01|10|01|01|01|10|01|11|01|00| 1.0

11|00|00|10|00|01|01|10|01|11|10|10|01|11|01|00| 1.0

01|10|01|10|00|01|01|10|00|01|01|10|00|11|11|00| 0.0

01|01|01|10|10|11|00|11|11|01|01|10|01|01|01|01| 0.0

10|11|00|10|00|11|01|10|01|11|10|10|01|01|01|00| 0.0

Generation --> 992

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

10|11|10|10|00|01|01|10|01|01|01|10|01|11|01|00| 3.0

01|01|01|10|00|11|01|10|01|01|01|10|00|11|01|00| 3.0

11|11|01|10|00|11|00|10|01|01|01|10|01|11|01|00| 2.0

11|00|00|10|00|11|00|10|01|01|01|10|00|11|01|00| 2.0

01|01|00|00|01|10|00|10|01|11|01|10|01|11|01|00| 1.0

10|10|01|00|00|11|01|10|01|01|11|10|01|11|01|00| 1.0

01|01|10|10|00|11|01|10|01|11|01|11|00|01|01|00| 0.0

10|11|00|10|00|11|01|11|01|10|10|10|11|01|01|00| 0.0

Generation --> 993

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|00|10|00|01|01|10|01|01|01|10|01|11|01|10| 3.0

01|10|00|10|00|10|01|10|01|01|01|10|01|11|01|00| 3.0

01|01|00|11|00|11|01|10|01|11|01|10|11|11|01|00| 3.0

10|11|10|10|00|01|01|10|00|01|01|10|01|11|01|00| 3.0

11|01|01|10|00|11|01|10|00|01|01|10|00|11|01|00| 3.0

11|11|01|10|00|11|00|10|01|00|01|10|01|11|01|00| 2.0

01|01|00|00|01|00|01|10|01|11|01|10|01|11|01|10| 1.0

11|10|01|00|00|10|01|10|01|10|10|10|11|01|01|00| 0.0

10|11|00|10|00|11|01|11|01|10|11|10|11|01|01|00| 0.0

Generation --> 994

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|01|01|10|10|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|11|10|10|00|01|01|10|00|01|01|10|01|11|01|00| 3.0

11|11|01|10|00|11|00|10|01|00|01|10|01|11|01|00| 2.0

01|10|00|00|00|10|01|10|01|01|01|10|11|11|01|01| 1.0

11|10|01|00|10|10|01|10|01|11|10|11|10|11|01|00| 1.0

10|11|10|10|00|11|01|10|01|01|01|10|01|11|11|00| 0.0

01|10|00|10|00|00|01|10|00|01|01|11|01|11|00|00| 0.0

01|01|00|11|00|11|01|10|01|11|01|10|11|11|11|00| 0.0

01|01|10|10|00|00|01|10|00|01|01|10|01|01|00|00| 0.0

Generation --> 995

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|11|10|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|01|10|00|00|01|10|00|01|01|10|01|11|01|00| 3.0

11|10|01|11|00|11|00|10|01|10|01|10|11|11|01|00| 2.0

11|11|01|00|10|11|11|10|01|01|01|10|01|11|01|00| 1.0

11|11|01|10|00|01|00|10|01|00|11|10|01|11|01|00| 1.0

11|10|00|00|00|10|01|10|01|01|01|10|01|11|01|00| 1.0

01|01|00|11|00|11|01|10|01|11|11|10|01|11|01|00| 1.0

10|10|10|10|00|11|01|10|01|01|01|10|01|11|11|00| 0.0

01|01|10|10|00|00|11|10|00|01|01|10|01|01|00|00| 0.0

Generation --> 996

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

00|01|10|10|00|11|01|11|01|01|01|10|01|11|01|00| 8.0

01|01|00|10|00|00|01|10|01|11|01|10|01|11|01|00| 3.0

11|11|10|10|00|11|00|10|01|10|01|10|11|11|01|10| 2.0

11|11|01|10|00|11|11|10|01|00|01|10|01|11|01|00| 2.0

11|11|01|00|10|11|01|10|01|01|01|10|01|11|01|00| 1.0

11|10|00|00|00|10|01|10|01|01|01|10|01|11|01|00| 1.0

01|10|01|10|00|10|01|10|10|01|01|10|01|01|01|00| 0.0

11|10|01|11|00|10|00|10|11|00|01|10|11|11|00|00| 0.0

10|10|10|10|00|11|01|10|01|01|01|10|01|11|10|00| 0.0

Generation --> 997

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|00|10|10|00|11|01|11|01|01|01|10|01|11|01|00| 8.0

10|10|10|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|01|00|10|00|00|01|10|01|11|01|10|01|11|01|00| 3.0

11|11|01|00|10|11|01|10|01|01|01|10|01|11|01|00| 1.0

11|11|00|00|00|10|00|10|01|10|01|10|11|11|01|10| 1.0

11|11|10|10|01|11|00|00|01|10|01|10|11|01|01|10| 0.0

11|11|01|10|00|11|11|10|01|00|01|00|01|01|01|00| 0.0

01|10|01|10|00|10|01|10|10|01|01|10|00|01|01|00| 0.0

11|10|01|11|00|10|01|10|11|00|01|10|11|11|00|00| 0.0

Generation --> 998

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|00|10|10|00|11|01|11|01|11|01|10|01|11|01|00| 8.0

11|10|00|10|00|11|01|10|01|11|01|10|01|11|01|00| 8.0

01|01|00|10|00|00|01|10|01|11|01|10|01|11|01|00| 3.0

01|11|00|10|10|10|01|10|10|01|01|10|00|11|01|00| 3.0

11|11|10|10|01|01|00|00|01|01|01|10|01|11|01|00| 2.0

11|11|01|10|00|11|11|11|01|01|01|10|01|11|01|00| 2.0

11|11|01|00|00|00|01|10|01|11|01|10|01|11|01|00| 1.0

11|11|00|00|10|11|01|10|01|01|01|10|01|11|01|01| 1.0

10|10|10|10|00|11|01|11|01|01|01|10|01|11|00|00| 0.0

Generation --> 999

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

11|10|10|10|00|11|01|11|01|11|01|10|01|11|01|00| 8.0

10|10|10|10|00|11|01|11|01|01|01|10|01|11|01|10| 8.0

01|01|10|10|00|10|01|11|01|11|01|00|01|11|01|00| 3.0

01|01|00|10|00|10|01|10|01|11|01|10|11|11|01|00| 3.0

11|11|11|10|01|01|00|00|01|01|01|10|01|11|01|00| 2.0

11|11|00|10|00|11|01|10|01|11|00|10|01|11|01|00| 1.0

11|11|01|10|00|11|11|10|01|11|00|10|01|10|01|00| 1.0

11|10|00|11|10|10|01|10|10|01|01|10|00|01|01|00| 0.0

11|11|01|10|00|00|01|10|01|11|01|10|01|11|11|00| 0.0

Generation --> 1000

00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| Fitness

- - -- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| 8.0

01|10|10|10|00|10|01|11|00|11|01|10|01|11|01|00| 3.0

01|01|10|10|00|10|01|11|01|11|01|00|01|11|01|10| 3.0

01|01|00|10|10|10|01|10|01|11|01|10|11|11|01|00| 3.0

11|10|10|10|00|11|11|11|00|11|01|10|01|11|01|10| 2.0

11|11|00|10|00|11|00|10|11|11|01|10|01|11|01|00| 2.0

11|11|11|10|01|01|00|00|01|01|01|11|01|11|01|00| 2.0

11|10|10|10|00|11|01|11|01|01|01|10|01|01|01|10| 0.0

11|11|01|10|00|01|01|11|11|01|01|00|01|01|01|10| 0.0

11|10|00|11|10|10|11|10|00|01|01|10|00|01|01|00| 0.0

Fittest Solution -->

|00|01|02|03|04|05|06|07|08|09|10|11|12|13|14|15| <-- Detectors

- - - -- - - - - - - - -- - - - - - - - - - -- - - - - - - - - - -- - - - - -- - - - - - -

|10|10|00|10|00|11|01|10|01|01|01|10|01|11|01|00| <-- Actions

Robot navigate route coordinates:

Position | Detectors | Detectors | Action

| (back|right|left|front) | As Integer|

--------------------------------------------------------------------------------------

[0,0] 1101 13 11 - turn counter-clockwise

[0,0] 1110 14 01 - move forward

[1,0] 0011 03 10 - turn clockwise

[1,0] 1010 10 01 - move forward

[1,1] 0110 06 01 - move forward

[1,2] 0101 05 11 - turn counter-clockwise

[1,2] 1100 12 01 - move forward

[2,2] 0011 03 10 - turn clockwise

[2,2] 1010 10 01 - move forward

[2,3] 0110 06 01 - move forward

[2,4] 0110 06 01 - move forward

[2,5] 0011 03 10 - turn clockwise

[2,5] 1010 10 01 - move forward

[1,5] 0110 06 01 - move forward

[0,5] 0111 07

Process finished with exit code 0