Experiment name
```
|     New BehaviorSpace Features
```
Vary variables as follows
```
|     [["wolf-gain-from-food" [30 5 50]]]
```
Repetitions
```
|           3
```
Execute combinations in sequential order
```
|     yes
```
Measure runs using these reporters as metrics
```
|     count sheep
|     count wolves
|     [ xcor ] of sheep
|     [ ycor ] of sheep
|     [ xcor ] of wolves
|     [ ycor ] of wolves
```
Run metrics every step
```
|     no
```
Run metrics when
```
|     ticks mod 2 = 0
```
Pre experiment commands
```
|     reset-timer
```
Setup commands
```
|     setup
```
Go commands
```
|     go
```
Stop condition

Post run commands

Post experiment commands
```
|     show timer
```
Time limit
```
|         200
```

Experiment name

```
|     BehaviorSpace run 3 experiments
```

Vary variables as follows

```
|     ["model-version" "sheep-wolves-grass"]
|     [["sheep-reproduce" 1]["sheep-gain-from-food" 1]["wolf-reproduce" 2]["wolf-gain-from-food" 10]]
|     [["sheep-reproduce" 6]["sheep-gain-from-food" 8]["wolf-reproduce" 5]["wolf-gain-from-food" 20]]
|     [["sheep-reproduce" 20]["sheep-gain-from-food" 15]["wolf-reproduce" 15]["wolf-gain-from-food" 30]]
```

Repetitions

```
|           1
```

Execute combinations in sequential order

```
|     yes
```

Measure runs using these reporters as metrics

```
|     count sheep
|     count wolves
|     count grass
```

Run metrics every step

```
|     no
```

Run metrics when

```
|     ticks mod 10 = 0
```

Pre experiment commands

Setup commands

```
|     setup
|     print (word "sheep-reproduce: " sheep-reproduce ", wolf-reproduce: " wolf-reproduce)
|     print (word "sheep-gain-from-food: " sheep-gain-from-food ", wolf-gain-from-food: " wolf-gain-from-food)
```

Go commands

```
|     go
```

Stop condition

Post run commands

```
|     print (word "sheep: " count sheep ", wolves: " count wolves)
|     print ""
|     wait 1
```

Post experiment commands

Time limit

```
|         1500
```

Experiment name

```
|     BehaviorSpace run 3 variable values per experiments
```

Vary variables as follows

```
|     ["model-version" "sheep-wolves-grass"]
|     ["sheep-reproduce" 4]
|     ["wolf-reproduce" 2]
|     ["sheep-gain-from-food" 4]
|     ["wolf-gain-from-food" 20]
|     [["sheep-reproduce" 1 6 20]]
|     [["wolf-reproduce" 2 7 15]]
|     [["sheep-gain-from-food" 1 8 15]]
|     [["wolf-gain-from-food" 10 20 30]]
```

Repetitions

```
|           1
```

Execute combinations in sequential order

```
|     yes
```

Measure runs using these reporters as metrics

```
|     count sheep
|     count wolves
|     count grass
```

Run metrics every step

```
|     no
```

Run metrics when

```
|     ticks mod 10 = 0
```

Pre experiment commands

Setup commands

```
|     setup
|     print (word "sheep-reproduce: " sheep-reproduce ", wolf-reproduce: " wolf-reproduce)
|     print (word "sheep-gain-from-food: " sheep-gain-from-food ", wolf-gain-from-food: " wolf-gain-from-food)
```

Go commands

```
|     go
```

Stop condition

Post run commands

```
|     print (word "sheep: " count sheep ", wolves: " count wolves)
|     print ""
|     wait 1
```

Post experiment commands

Time limit

```
|         1500
```

Experiment name

```
|     BehaviorSpace subset
```

Vary variables as follows

```
|     ["model-version" "sheep-wolves-grass"]
|     [["wolf-reproduce" 3 5]["wolf-gain-from-food" 30 40]]
|     [["wolf-reproduce" 10 15]["wolf-gain-from-food" 10 15]]
```

Repetitions

```
|           1
```

Execute combinations in sequential order

```
|     yes
```

Measure runs using these reporters as metrics

```
|     count sheep
|     count wolves
|     count grass
```

Run metrics every step

```
|     no
```

Run metrics when

```
|     ticks mod 10 = 0
```

Pre experiment commands

Setup commands

```
|     setup
```

Go commands

```
|     go
```

Stop condition

Post run commands

```
|     wait 0.5
```

Post experiment commands

Time limit

```
|         1500
```

Experiment name
```
|     BehaviorSpace combinatorial
```
Vary variables as follows
```
|     ["model-version" "sheep-wolves-grass"]
|     ["wolf-reproduce" 3 5 10 15]
|     ["wolf-gain-from-food" 10 15 30 40]
```
Repetitions
```
|           1
```
Execute combinations in sequential order
```
|     yes
```
Measure runs using these reporters as metrics
```
|     count sheep
|     count wolves
|     count grass
```
Run metrics every step
```
|     no
```
Run metrics when
```
|     ticks mod 10 = 0
```
Pre experiment commands
Setup commands
```
|     setup
```
Go commands
```
|     go
```
Stop condition
Post run commands
```
|     wait 0.5
```
Post experiment commands
Time limit
```
|         1500
```

Experiment name

```
|     Wolf Sheep Crossing
```

Vary variables as follows

```
|     ["wolf-gain-from-food" 20]
|     ["show-energy?" false]
|     ["wolf-reproduce" 5]
|     ["initial-number-wolves" 50]
|     ["initial-number-sheep" 100]
|     ["model-version" "sheep-wolves-grass"]
|     ["sheep-gain-from-food" 4]
|     ["grass-regrowth-time" 30]
|     ["sheep-reproduce" 4]
```

Repetitions

```
|           4
```

Execute combinations in sequential order

```
|     yes
```

Measure runs using these reporters as metrics

```
|     count sheep
|     count wolves
```

Run metrics every step

```
|     no
```

Run metrics when

```
|     count sheep = count wolves
```

Pre experiment commands

Setup commands

```
|     setup
```

Go commands

```
|     go
```

Stop condition

Post run commands

Post experiment commands

Time limit

```
|         1500
```

Experiment name

```
|     New BehaviorSpace Features reproducible
```

Vary variables as follows

```
|     ["model-version" "sheep-wolves-grass"]
|     ["wolf-gain-from-food" 20]
|     ["show-energy?" false]
|     ["wolf-reproduce" 5]
|     ["initial-number-wolves" 50]
|     ["initial-number-sheep" 100]
|     [["wolf-gain-from-food" 10 20 30]]
```

Repetitions

```
|           3
```

Execute combinations in sequential order

```
|     yes
```

Measure runs using these reporters as metrics

```
|     count sheep
|     count wolves
|     [ xcor ] of sheep
|     [ ycor ] of sheep
|     [ xcor ] of wolves
|     [ ycor ] of wolves
```

Run metrics every step

```
|     no
```

Run metrics when

```
|     ticks mod 2 = 0
```

Pre experiment commands

```
|     reset-timer
```

Setup commands

```
|     random-seed (474 + behaviorspace-run-number)
|
|     setup
```

Go commands

```
|     go
```

Stop condition

Post run commands

Post experiment commands

```
|     show timer
```

Time limit

```
|          200
```