

BDAAgentName test1
 BDPCalibrator 1
 SRDMode mean

>>----- Regional Outbreak Inputs -----

TimeSinceLastEpidemic 20 <<years
 TemporalType pulse <<pulse,
 <<variablepulse,
 <<or continuous
 RandomFunction RFuniform<<RFnormal or
 <<RFuniform
 RandomParameter1 25
 RandomParameter2 5
 MinROS 2
 MaxROS 2

>>----- Dispersal Inputs -----

Dispersal yes <<yes or no
 DispersalRate 100 <<meters/year
 EpidemicThresh 0.3
 InitialEpicenterNum 10
 OutbreakEpicenterCoeff 0.5
 SeedEpicenter yes <<yes or no
 SeedEpicenterCoeff 2
 >>InitialCondition none <<map or none
 DispersalTemplate 4N <<MaxRadius, 4N,
 <<8N, 12N, or 24N

>>----- Neighborhood Resource Inputs -----

NeighborFlag no <<yes or no
 NeighborSpeedUp none <<none, 2x, 3x,
 <<or 4x
 NeighborRadius 1000 <<meters
 NeighborShape uniform <<uniform, linear,
 <<or gaussian
 NeighborWeight 1

>>EcoregionModifiers

>>Ecoregion Modifier
 eco1 0.16
 eco2 -0.16

DisturbanceModifiers

>>Type Duration Value

Wind 20 0.33

Fire 10 0.65

BDASpeciesParameters

>> Susceptibility

>>Species MinorHost 2ndHost MajorHost Resist Tolerant Vulnerable

>>Name Age Age Age Age Age Age

>> -----

acersacc 0 0 40 0 0 40

piceglau 0 40 999 0 40 999

BDAAgentName test2
 BDPCalibrator 1
 SRDMode mean

>>----- Regional Outbreak Inputs -----

TimeSinceLastEpidemic 20 <<years
 TemporalType pulse <<pulse,
 <<variablepulse,
 <<or continuous
 RandomFunction RFuniform<<RFnormal or
 <<RFuniform
 RandomParameter1 25
 RandomParameter2 5
 MinROS 2
 MaxROS 2

>>----- Dispersal Inputs -----

Dispersal yes <<yes or no
 DispersalRate 100 <<meters/year
 EpidemicThresh 0.3
 InitialEpicenterNum 1
 OutbreakEpicenterCoeff 0.5
 SeedEpicenter yes <<yes or no
 SeedEpicenterCoeff 2
 >>InitialCondition none <<map or none
 DispersalTemplate 4N <<MaxRadius, 4N,
 <<8N, 12N, or 24N

>>----- Neighborhood Resource Inputs -----

NeighborFlag no <<yes or no
 NeighborSpeedUp none <<none, 2x, 3x,
 <<or 4x
 NeighborRadius 1000 <<meters
 NeighborShape uniform <<uniform, linear,
 <<or gaussian
 NeighborWeight 1

>>EcoregionModifiers

>>Ecoregion Modifier
 eco1 0.16
 eco2 -0.16

DisturbanceModifiers

>>Type Duration Value

Wind 20 0.33

Fire 10 0.65

BDASpeciesParameters

>> Susceptibility

>>Species MinorHost 2ndHost MajorHost Class3 Class2 Class1

>>Name Age Age Age Age Age Age

>> -----

acersacc 0 0 40 0 0 40

piceglau 0 40 999 0 40 999

BDAAgentName test3
 BDPCalibrator 1
 SRDMode mean

>>----- Regional Outbreak Inputs -----

TimeSinceLastEpidemic 20 <<years
 TemporalType pulse <<pulse,
 <<variablepulse,
 <<or continuous
 RandomFunction RFuniform<<RFnormal or
 <<RFuniform
 RandomParameter1 25
 RandomParameter2 5
 MinROS 2
 MaxROS 2

>>----- Dispersal Inputs -----

Dispersal yes <<yes or no
 DispersalRate 100 <<meters/year
 EpidemicThresh 0.3
 InitialEpicenterNum 0
 OutbreakEpicenterCoeff 0.5
 SeedEpicenter yes <<yes or no
 SeedEpicenterCoeff 2
 >>InitialCondition none <<map or none
 DispersalTemplate 4N <<MaxRadius, 4N,
 <<8N, 12N, or 24N

>>----- Neighborhood Resource Inputs -----

NeighborFlag no <<yes or no
 NeighborSpeedUp none <<none, 2x, 3x,
 <<or 4x
 NeighborRadius 1000 <<meters
 NeighborShape uniform <<uniform, linear,
 <<or gaussian
 NeighborWeight 1

>>EcoregionModifiers

>>Ecoregion Modifier
 eco1 0.16
 eco2 -0.16

DisturbanceModifiers

>>Type Duration Value

Wind 20 0.33

Fire 10 0.65

BDASpeciesParameters

>> Susceptibility

>>Species MinorHost 2ndHost MajorHost Class3 Class2 Class1

>>Name Age Age Age Age Age Age

>> -----

acersacc 0 0 40 0 0 40

piceglau 0 40 999 0 40 999

BDAAgentName test4
 BDPCalibrator 1
 SRDMode mean

>>----- Regional Outbreak Inputs -----

TimeSinceLastEpidemic 20 <<years
 TemporalType pulse <<pulse,
 <<variablepulse,
 <<or continuous
 RandomFunction RFuniform<<RFnormal or
 <<RFuniform
 RandomParameter1 25
 RandomParameter2 5
 MinROS 2
 MaxROS 2

>>----- Dispersal Inputs -----

Dispersal yes <<yes or no
 DispersalRate 100 <<meters/year
 EpidemicThresh 0.3
 InitialEpicenterNum 10
 OutbreakEpicenterCoeff 0.5
 SeedEpicenter yes <<yes or no
 SeedEpicenterCoeff 2
 >>InitialCondition none <<map or none
 DispersalTemplate 4N <<MaxRadius, 4N,
 <<8N, 12N, or 24N

>>----- Neighborhood Resource Inputs -----

NeighborFlag no <<yes or no
 NeighborSpeedUp none <<none, 2x, 3x,
 <<or 4x
 NeighborRadius 1000 <<meters
 NeighborShape uniform <<uniform, linear,
 <<or gaussian
 NeighborWeight 1

>>EcoregionModifiers

>>Ecoregion Modifier

eco1 0.16
 eco2 -0.16

DisturbanceModifiers

>>Type Duration Value

Wind 20 0.33

Fire 10 0.65

BDASpeciesParameters

>> Susceptibility

>>Species MinorHost 2ndHost MajorHost Class3 Class2 Class1

>>Name Age Age Age Age Age Age

>> -----

acersacc 0 0 40 0 0 40

piceglau 0 40 999 0 40 999

BDAAgentName test5
 BDPCalibrator 1
 SRDMode mean

>>----- Regional Outbreak Inputs -----

TimeSinceLastEpidemic 20 <<years
 TemporalType pulse <<pulse,
 <<variablepulse,
 <<or continuous
 RandomFunction RFuniform<<RFnormal or
 <<RFuniform
 RandomParameter1 25
 RandomParameter2 5
 MinROS 2
 MaxROS 2

>>----- Dispersal Inputs -----

Dispersal no <<yes or no
 DispersalRate 100 <<meters/year
 EpidemicThresh 0.3
 InitialEpicenterNum 10
 OutbreakEpicenterCoeff 0.5
 SeedEpicenter yes <<yes or no
 SeedEpicenterCoeff 2
 >>InitialCondition none <<map or none
 DispersalTemplate 4N <<MaxRadius, 4N,
 <<8N, 12N, or 24N

>>----- Neighborhood Resource Inputs -----

NeighborFlag no <<yes or no
 NeighborSpeedUp none <<none, 2x, 3x,
 <<or 4x
 NeighborRadius 1000 <<meters
 NeighborShape uniform <<uniform, linear,
 <<or gaussian
 NeighborWeight 1

>>EcoregionModifiers

>>Ecoregion Modifier
 eco1 0.16
 eco2 -0.16

DisturbanceModifiers

>>Type Duration Value

Wind 20 0.33

Fire 10 0.65

BDASpeciesParameters

>> Susceptibility

>>Species MinorHost 2ndHost MajorHost Class3 Class2 Class1

>>Name Age Age Age Age Age Age

>> -----

acersacc 0 0 40 0 0 40

piceglau 0 40 999 0 40 999

BDAAgentName test6
 BDPCalibrator 1
 SRDMode mean

>>----- Regional Outbreak Inputs -----

TimeSinceLastEpidemic 20 <<years
 TemporalType pulse <<pulse,
 <<variablepulse,
 <<or continuous
 RandomFunction RFuniform<<RFnormal or
 <<RFuniform
 RandomParameter1 25
 RandomParameter2 5
 MinROS 2
 MaxROS 2

>>----- Dispersal Inputs -----

Dispersal yes <<yes or no
 DispersalRate 50 <<meters/year
 EpidemicThresh 0.3
 InitialEpicenterNum 10
 OutbreakEpicenterCoeff 0.5
 SeedEpicenter yes <<yes or no
 SeedEpicenterCoeff 2
 >>InitialCondition none <<map or none
 DispersalTemplate 4N <<MaxRadius, 4N,
 <<8N, 12N, or 24N

>>----- Neighborhood Resource Inputs -----

NeighborFlag no <<yes or no
 NeighborSpeedUp none <<none, 2x, 3x,
 <<or 4x
 NeighborRadius 1000 <<meters
 NeighborShape uniform <<uniform, linear,
 <<or gaussian
 NeighborWeight 1

>>EcoregionModifiers

>>Ecoregion Modifier
 eco1 0.16
 eco2 -0.16

DisturbanceModifiers

>>Type Duration Value

Wind 20 0.33

Fire 10 0.65

BDASpeciesParameters

>> Susceptibility

>>Species MinorHost 2ndHost MajorHost Class3 Class2 Class1

>>Name Age Age Age Age Age Age

>> -----

acersacc 0 0 40 0 0 40

piceglau 0 40 999 0 40 999

BDAAgentName test7
 BDPCalibrator 1
 SRDMode mean

>>----- Regional Outbreak Inputs -----

TimeSinceLastEpidemic 20 <<years
 TemporalType pulse <<pulse,
 <<variablepulse,
 <<or continuous
 RandomFunction RFuniform<<RFnormal or
 <<RFuniform
 RandomParameter1 25
 RandomParameter2 5
 MinROS 2
 MaxROS 2

>>----- Dispersal Inputs -----

Dispersal yes <<yes or no
 DispersalRate 100 <<meters/year
 EpidemicThresh 0.3
 InitialEpicenterNum 10
 OutbreakEpicenterCoeff 0.5
 SeedEpicenter yes <<yes or no
 SeedEpicenterCoeff 2
 >>InitialCondition none <<map or none
 DispersalTemplate 4N <<MaxRadius, 4N,
 <<8N, 12N, or 24N

>>----- Neighborhood Resource Inputs -----

NeighborFlag no <<yes or no
 NeighborSpeedUp none <<none, 2x, 3x,
 <<or 4x
 NeighborRadius 1000 <<meters
 NeighborShape uniform <<uniform, linear,
 <<or gaussian
 NeighborWeight 1

>>EcoregionModifiers

>>Ecoregion Modifier
 eco1 0.16
 eco2 -0.16

DisturbanceModifiers

>>Type		Duration	Value
Wind	20		0.33
Fire	10		0.65

BDASpeciesParameters

>>		Susceptibility				
>>Species	MinorHost	2ndHost	MajorHost	Class3	Class2	Class1
>>Name	Age	Age	Age	Age	Age	Age
>> -----						
acersacc	0	0	40	0	0	40
piceglau	0	40	999	0	40	999

BDAAgentName test8
 BDPCalibrator 1
 SRDMode mean

>>----- Regional Outbreak Inputs -----

TimeSinceLastEpidemic 20 <<years
 TemporalType pulse <<pulse,
 <<variablepulse,
 <<or continuous
 RandomFunction RFuniform<<RFnormal or
 <<RFuniform
 RandomParameter1 25
 RandomParameter2 5
 MinROS 2
 MaxROS 2

>>----- Dispersal Inputs -----

Dispersal yes <<yes or no
 DispersalRate 500 <<meters/year
 EpidemicThresh 0.3
 InitialEpicenterNum 10
 OutbreakEpicenterCoeff 0.5
 SeedEpicenter yes <<yes or no
 SeedEpicenterCoeff 2
 >>InitialCondition none <<map or none
 DispersalTemplate 4N <<MaxRadius, 4N,
 <<8N, 12N, or 24N

>>----- Neighborhood Resource Inputs -----

NeighborFlag no <<yes or no
 NeighborSpeedUp none <<none, 2x, 3x,
 <<or 4x
 NeighborRadius 1000 <<meters
 NeighborShape uniform <<uniform, linear,
 <<or gaussian
 NeighborWeight 1

>>EcoregionModifiers

>>Ecoregion Modifier
 eco1 0.16
 eco2 -0.16

DisturbanceModifiers

>>Type Duration Value

Wind 20 0.33

Fire 10 0.65

BDASpeciesParameters

>> Susceptibility

>>Species MinorHost 2ndHost MajorHost Class3 Class2 Class1

>>Name Age Age Age Age Age Age

>> -----

acersacc 0 0 40 0 0 40

piceglau 0 40 999 0 40 999

BDAAgentName test9
 BDPCalibrator 1
 SRDMode mean

>>----- Regional Outbreak Inputs -----

TimeSinceLastEpidemic 20 <<years
 TemporalType pulse <<pulse,
 <<variablepulse,
 <<or continuous
 RandomFunction RFuniform<<RFnormal or
 <<RFuniform
 RandomParameter1 25
 RandomParameter2 5
 MinROS 2
 MaxROS 2

>>----- Dispersal Inputs -----

Dispersal yes <<yes or no
 DispersalRate 500 <<meters/year
 EpidemicThresh 0.3
 InitialEpicenterNum 3
 OutbreakEpicenterCoeff 0.5
 SeedEpicenter yes <<yes or no
 SeedEpicenterCoeff 2
 >>InitialCondition none <<map or none
 DispersalTemplate 4N <<MaxRadius, 4N,
 <<8N, 12N, or 24N

>>----- Neighborhood Resource Inputs -----

NeighborFlag no <<yes or no
 NeighborSpeedUp none <<none, 2x, 3x,
 <<or 4x
 NeighborRadius 1000 <<meters
 NeighborShape uniform <<uniform, linear,
 <<or gaussian
 NeighborWeight 1

>>EcoregionModifiers

>>Ecoregion Modifier
 eco1 0.16
 eco2 -0.16

DisturbanceModifiers

>>Type Duration Value

Wind 20 0.33

Fire 10 0.65

BDASpeciesParameters

>> Susceptibility

>>Species MinorHost 2ndHost MajorHost Class3 Class2 Class1

>>Name Age Age Age Age Age Age

>> -----

acersacc 0 0 40 0 0 40

piceglau 0 40 999 0 40 999

BDAAgentName test10
 BDPCalibrator 1
 SRDMode mean

>>----- Regional Outbreak Inputs -----

TimeSinceLastEpidemic 20 <<years
 TemporalType pulse <<pulse,
 <<variablepulse,
 <<or continuous
 RandomFunction RFuniform<<RFnormal or
 <<RFuniform
 RandomParameter1 25
 RandomParameter2 5
 MinROS 2
 MaxROS 2

>>----- Dispersal Inputs -----

Dispersal yes <<yes or no
 DispersalRate 500 <<meters/year
 EpidemicThresh 0.3
 InitialEpicenterNum 3
 OutbreakEpicenterCoeff 0.5
 SeedEpicenter yes <<yes or no
 SeedEpicenterCoeff 2
 >>InitialCondition none <<map or none
 DispersalTemplate 8N <<MaxRadius, 4N,
 <<8N, 12N, or 24N

>>----- Neighborhood Resource Inputs -----

NeighborFlag no <<yes or no
 NeighborSpeedUp none <<none, 2x, 3x,
 <<or 4x
 NeighborRadius 1000 <<meters
 NeighborShape uniform <<uniform, linear,
 <<or gaussian
 NeighborWeight 1

>>EcoregionModifiers

>>Ecoregion Modifier
 eco1 0.16
 eco2 -0.16

DisturbanceModifiers

>>Type Duration Value

Wind 20 0.33

Fire 10 0.65

BDASpeciesParameters

>> Susceptibility

>>Species MinorHost 2ndHost MajorHost Class3 Class2 Class1

>>Name Age Age Age Age Age Age

>> -----

acersacc 0 0 40 0 0 40

piceglau 0 40 999 0 40 999

BDAAgentName test11
 BDPCalibrator 1
 SRDMode mean

>>----- Regional Outbreak Inputs -----

TimeSinceLastEpidemic 20 <<years
 TemporalType pulse <<pulse,
 <<variablepulse,
 <<or continuous
 RandomFunction RFuniform<<RFnormal or
 <<RFuniform
 RandomParameter1 25
 RandomParameter2 5
 MinROS 2
 MaxROS 2

>>----- Dispersal Inputs -----

Dispersal yes <<yes or no
 DispersalRate 500 <<meters/year
 EpidemicThresh 0.3
 InitialEpicenterNum 3
 OutbreakEpicenterCoeff 0.5
 SeedEpicenter yes <<yes or no
 SeedEpicenterCoeff 2
 >>InitialCondition none <<map or none
 DispersalTemplate 12N <<MaxRadius, 4N,
 <<8N, 12N, or 24N

>>----- Neighborhood Resource Inputs -----

NeighborFlag no <<yes or no
 NeighborSpeedUp none <<none, 2x, 3x,
 <<or 4x
 NeighborRadius 1000 <<meters
 NeighborShape uniform <<uniform, linear,
 <<or gaussian
 NeighborWeight 1

>>EcoregionModifiers

>>Ecoregion Modifier

eco1 0.16
 eco2 -0.16

DisturbanceModifiers

>>Type Duration Value

Wind 20 0.33

Fire 10 0.65

BDASpeciesParameters

>> Susceptibility

>>Species MinorHost 2ndHost MajorHost Class3 Class2 Class1

>>Name Age Age Age Age Age Age

>> -----

acersacc 0 0 40 0 0 40

piceglau 0 40 999 0 40 999

BDAAgentName test12
 BDPCalibrator 1
 SRDMode mean

>>----- Regional Outbreak Inputs -----

TimeSinceLastEpidemic 20 <<years
 TemporalType pulse <<pulse,
 <<variablepulse,
 <<or continuous
 RandomFunction RFuniform<<RFnormal or
 <<RFuniform
 RandomParameter1 25
 RandomParameter2 5
 MinROS 2
 MaxROS 2

>>----- Dispersal Inputs -----

Dispersal yes <<yes or no
 DispersalRate 500 <<meters/year
 EpidemicThresh 0.3
 InitialEpicenterNum 3
 OutbreakEpicenterCoeff 0.5
 SeedEpicenter yes <<yes or no
 SeedEpicenterCoeff 2
 >>InitialCondition none <<map or none
 DispersalTemplate 24N <<MaxRadius, 4N,
 <<8N, 12N, or 24N

>>----- Neighborhood Resource Inputs -----

NeighborFlag no <<yes or no
 NeighborSpeedUp none <<none, 2x, 3x,
 <<or 4x
 NeighborRadius 1000 <<meters
 NeighborShape uniform <<uniform, linear,
 <<or gaussian
 NeighborWeight 1

>>EcoregionModifiers

>>Ecoregion Modifier
 eco1 0.16
 eco2 -0.16

DisturbanceModifiers

>>Type Duration Value

Wind 20 0.33

Fire 10 0.65

BDASpeciesParameters

>> Susceptibility

>>Species MinorHost 2ndHost MajorHost Class3 Class2 Class1

>>Name Age Age Age Age Age Age

>> -----

acersacc 0 0 40 0 0 40

piceglau 0 40 999 0 40 999

BDAAgentName test13
 BDPCalibrator 1
 SRDMode mean

>>----- Regional Outbreak Inputs -----

TimeSinceLastEpidemic 20 <<years
 TemporalType pulse <<pulse,
 <<variablepulse,
 <<or continuous
 RandomFunction RFuniform<<RFnormal or
 <<RFuniform
 RandomParameter1 25
 RandomParameter2 5
 MinROS 2
 MaxROS 2

>>----- Dispersal Inputs -----

Dispersal yes <<yes or no
 DispersalRate 500 <<meters/year
 EpidemicThresh 0.3
 InitialEpicenterNum 3
 OutbreakEpicenterCoeff 0.5
 SeedEpicenter yes <<yes or no
 SeedEpicenterCoeff 2
 >>InitialCondition none <<map or none
 DispersalTemplate MaxRadius <<MaxRadius, 4N,
 <<8N, 12N, or 24N

>>----- Neighborhood Resource Inputs -----

NeighborFlag no <<yes or no
 NeighborSpeedUp none <<none, 2x, 3x,
 <<or 4x
 NeighborRadius 1000 <<meters
 NeighborShape uniform <<uniform, linear,
 <<or gaussian
 NeighborWeight 1

>>EcoregionModifiers

>>Ecoregion Modifier

eco1 0.16
 eco2 -0.16

DisturbanceModifiers

>>Type Duration Value

Wind 20 0.33

Fire 10 0.65

BDASpeciesParameters

>> Susceptibility

>>Species MinorHost 2ndHost MajorHost Class3 Class2 Class1

>>Name Age Age Age Age Age Age

>> -----

acersacc 0 0 40 0 0 40

piceglau 0 40 999 0 40 999

BDAAgentName test14
 BDPCalibrator 1
 SRDMode mean

>>----- Regional Outbreak Inputs -----

TimeSinceLastEpidemic 20 <<years
 TemporalType pulse <<pulse,
 <<variablepulse,
 <<or continuous
 RandomFunction RFuniform<<RFnormal or
 <<RFuniform
 RandomParameter1 25
 RandomParameter2 5
 MinROS 2
 MaxROS 2

>>----- Dispersal Inputs -----

Dispersal yes <<yes or no
 DispersalRate 200 <<meters/year
 EpidemicThresh 0.3
 InitialEpicenterNum 10
 OutbreakEpicenterCoeff 0.5
 SeedEpicenter yes <<yes or no
 SeedEpicenterCoeff 2
 >>InitialCondition none <<map or none
 DispersalTemplate 4N <<MaxRadius, 4N,
 <<8N, 12N, or 24N

>>----- Neighborhood Resource Inputs -----

NeighborFlag no <<yes or no
 NeighborSpeedUp none <<none, 2x, 3x,
 <<or 4x
 NeighborRadius 1000 <<meters
 NeighborShape uniform <<uniform, linear,
 <<or gaussian
 NeighborWeight 1

>>EcoregionModifiers

>>Ecoregion Modifier

eco1 0.16
 eco2 -0.16

DisturbanceModifiers

>>Type Duration Value

Wind 20 0.33

Fire 10 0.65

BDASpeciesParameters

>> Susceptibility

>>Species MinorHost 2ndHost MajorHost Class3 Class2 Class1

>>Name Age Age Age Age Age Age

>> -----

acersacc 0 0 40 0 0 40

piceglau 0 40 999 0 40 999

BDAAgentName test15
 BDPCalibrator 1
 SRDMode mean

>>----- Regional Outbreak Inputs -----

TimeSinceLastEpidemic 20 <<years
 TemporalType pulse <<pulse,
 <<variablepulse,
 <<or continuous
 RandomFunction RFuniform<<RFnormal or
 <<RFuniform
 RandomParameter1 25
 RandomParameter2 5
 MinROS 2
 MaxROS 2

>>----- Dispersal Inputs -----

Dispersal yes <<yes or no
 DispersalRate 200 <<meters/year
 EpidemicThresh 0.3
 InitialEpicenterNum 10
 OutbreakEpicenterCoeff 0.01
 SeedEpicenter no <<yes or no
 SeedEpicenterCoeff 2
 >>InitialCondition none <<map or none
 DispersalTemplate 4N <<MaxRadius, 4N,
 <<8N, 12N, or 24N

>>----- Neighborhood Resource Inputs -----

NeighborFlag no <<yes or no
 NeighborSpeedUp none <<none, 2x, 3x,
 <<or 4x
 NeighborRadius 1000 <<meters
 NeighborShape uniform <<uniform, linear,
 <<or gaussian
 NeighborWeight 1

>>EcoregionModifiers

>>Ecoregion Modifier

>>eco1 0.16
 >>eco2 -0.16

DisturbanceModifiers

```
>>Type Duration    Value
>>Wind 20         0.33
>>Fire 10         0.65
```

BDASpeciesParameters

```
>>      Vulnerability----- Mortality-----
>>Species MinorHost 2ndHost MajorHost Resist Tolerant Vulnerable
>>Name    Age      Age    Age      Age    Age    Age
>>-----
acersacc    0    20    40    0    0    40
piceglau    0    40   999    0    40   999
```

BDAAgentName test16
 BDPCalibrator 1
 SRDMode mean

>>----- Regional Outbreak Inputs -----

TimeSinceLastEpidemic 20 <<years
 TemporalType pulse <<pulse,
 <<variablepulse,
 <<or continuous
 RandomFunction RFuniform<<RFnormal or
 <<RFuniform
 RandomParameter1 25
 RandomParameter2 5
 MinROS 2
 MaxROS 2

>>----- Dispersal Inputs -----

Dispersal yes <<yes or no
 DispersalRate 200 <<meters/year
 EpidemicThresh 0.3
 InitialEpicenterNum 1000
 OutbreakEpicenterCoeff 0.01
 SeedEpicenter yes <<yes or no
 SeedEpicenterCoeff 2
 >>InitialCondition none <<map or none
 DispersalTemplate 4N <<MaxRadius, 4N,
 <<8N, 12N, or 24N

>>----- Neighborhood Resource Inputs -----

NeighborFlag no <<yes or no
 NeighborSpeedUp none <<none, 2x, 3x,
 <<or 4x
 NeighborRadius 1000 <<meters
 NeighborShape uniform <<uniform, linear,
 <<or gaussian
 NeighborWeight 1

>>EcoregionModifiers

>>Ecoregion Modifier

>>eco1 0.16
 >>eco2 -0.16

DisturbanceModifiers

```
>>Type Duration    Value
>>Wind 20         0.33
>>Fire 10         0.65
```

BDASpeciesParameters

```
>>      Vulnerability----- Mortality-----
>>Species MinorHost 2ndHost MajorHost Resist Tolerant Vulnerable
>>Name    Age      Age    Age      Age    Age    Age
>>-----
acersacc    0     20    40     0     0     40
piceglau    0     40   999     0    40    999
```


BDAAgentName test17
 BDPCalibrator 1
 SRDMode mean

>>----- Regional Outbreak Inputs -----

TimeSinceLastEpidemic 20 <<years
 TemporalType pulse <<pulse,
 <<variablepulse,
 <<or continuous
 RandomFunction RFuniform<<RFnormal or
 <<RFuniform
 RandomParameter1 25
 RandomParameter2 5
 MinROS 2
 MaxROS 2

>>----- Dispersal Inputs -----

Dispersal yes <<yes or no
 DispersalRate 200 <<meters/year
 EpidemicThresh 0.0
 InitialEpicenterNum 30
 OutbreakEpicenterCoeff .001
 SeedEpicenter no <<yes or no
 SeedEpicenterCoeff 2
 >>InitialCondition none <<map or none
 DispersalTemplate 4N <<MaxRadius, 4N,
 <<8N, 12N, or 24N

>>----- Neighborhood Resource Inputs -----

NeighborFlag no <<yes or no
 NeighborSpeedUp none <<none, 2x, 3x,
 <<or 4x
 NeighborRadius 1000 <<meters
 NeighborShape uniform <<uniform, linear,
 <<or gaussian
 NeighborWeight 1

>>EcoregionModifiers

>>Ecoregion Modifier

>>eco1 0.16
 >>eco2 -0.16

DisturbanceModifiers

```
>>Type Duration      Value
>>Wind 20           0.33
>>Fire 10           0.65
```

BDASpeciesParameters

```
>>      Vulnerability----- Mortality-----
>>Species MinorHost 2ndHost MajorHost Resist Tolerant Vulnerable
>>Name   Age      Age      Age      Age      Age      Age
>> -----
acersacc    0      20      40      0      0      40
piceglau    0      40     999      0      40     999
```

BDAAgentName test18
 BDPCalibrator 1
 SRDMode mean

>>----- Regional Outbreak Inputs -----

TimeSinceLastEpidemic 20 <<years
 TemporalType pulse <<pulse,
 <<variablepulse,
 <<or continuous
 RandomFunction RFuniform<<RFnormal or
 <<RFuniform
 RandomParameter1 25
 RandomParameter2 5
 MinROS 2
 MaxROS 2

>>----- Dispersal Inputs -----

Dispersal yes <<yes or no
 DispersalRate 200 <<meters/year
 EpidemicThresh 0
 InitialEpicenterNum 30
 OutbreakEpicenterCoeff .01
 SeedEpicenter no <<yes or no
 SeedEpicenterCoeff 2
 >>InitialCondition none <<map or none
 DispersalTemplate 4N <<MaxRadius, 4N,
 <<8N, 12N, or 24N

>>----- Neighborhood Resource Inputs -----

NeighborFlag no <<yes or no
 NeighborSpeedUp none <<none, 2x, 3x,
 <<or 4x
 NeighborRadius 1000 <<meters
 NeighborShape uniform <<uniform, linear,
 <<or gaussian
 NeighborWeight 1

>>EcoregionModifiers

>>Ecoregion Modifier

>>eco1 0.16
 >>eco2 -0.16

DisturbanceModifiers

```
>>Type Duration      Value
>>Wind 20           0.33
>>Fire 10           0.65
```

BDASpeciesParameters

```
>>      Vulnerability----- Mortality-----
>>Species MinorHost 2ndHost MajorHost Resist Tolerant Vulnerable
>>Name      Age      Age      Age      Age      Age      Age
>>-----
acersacc      0      20      40      0      0      40
piceglau      0      40     999      0      40     999
```

BDAAgentName test19
 BDPCalibrator 1
 SRDMode mean

>>----- Regional Outbreak Inputs -----

TimeSinceLastEpidemic 20 <<years
 TemporalType pulse <<pulse,
 <<variablepulse,
 <<or continuous
 RandomFunction RFuniform<<RFnormal or
 <<RFuniform
 RandomParameter1 25
 RandomParameter2 5
 MinROS 2
 MaxROS 2

>>----- Dispersal Inputs -----

Dispersal yes <<yes or no
 DispersalRate 200 <<meters/year
 EpidemicThresh 0.0
 InitialEpicenterNum 30
 OutbreakEpicenterCoeff .1
 SeedEpicenter no <<yes or no
 SeedEpicenterCoeff 2
 >>InitialCondition none <<map or none
 DispersalTemplate 4N <<MaxRadius, 4N,
 <<8N, 12N, or 24N

>>----- Neighborhood Resource Inputs -----

NeighborFlag no <<yes or no
 NeighborSpeedUp none <<none, 2x, 3x,
 <<or 4x
 NeighborRadius 1000 <<meters
 NeighborShape uniform <<uniform, linear,
 <<or gaussian
 NeighborWeight 1

>>EcoregionModifiers

>>Ecoregion Modifier

>>eco1 0.16
 >>eco2 -0.16

DisturbanceModifiers

```
>>Type Duration    Value
>>Wind 20          0.33
>>Fire 10          0.65
```

BDASpeciesParameters

```
>>      Vulnerability----- Mortality-----
>>Species MinorHost 2ndHost MajorHost Resist Tolerant Vulnerable
>>Name    Age      Age    Age      Age    Age    Age
>>-----
acersacc    0    20    40    0    0    40
piceglau    0    40   999    0    40   999
```

BDAAgentName test20
 BDPCalibrator 1
 SRDMode mean

>>----- Regional Outbreak Inputs -----

TimeSinceLastEpidemic 20 <<years
 TemporalType pulse <<pulse,
 <<variablepulse,
 <<or continuous
 RandomFunction RFuniform<<RFnormal or
 <<RFuniform
 RandomParameter1 25
 RandomParameter2 5
 MinROS 2
 MaxROS 2

>>----- Dispersal Inputs -----

Dispersal yes <<yes or no
 DispersalRate 200 <<meters/year
 EpidemicThresh 0
 InitialEpicenterNum 30
 OutbreakEpicenterCoeff .2
 SeedEpicenter yes <<yes or no
 SeedEpicenterCoeff 2
 >>InitialCondition none <<map or none
 DispersalTemplate 4N <<MaxRadius, 4N,
 <<8N, 12N, or 24N

>>----- Neighborhood Resource Inputs -----

NeighborFlag no <<yes or no
 NeighborSpeedUp none <<none, 2x, 3x,
 <<or 4x
 NeighborRadius 1000 <<meters
 NeighborShape uniform <<uniform, linear,
 <<or gaussian
 NeighborWeight 1

>>EcoregionModifiers

>>Ecoregion Modifier

>>eco1 0.16
 >>eco2 -0.16

DisturbanceModifiers

```
>>Type Duration    Value
>>Wind 20         0.33
>>Fire 10         0.65
```

BDASpeciesParameters

```
>>      Vulnerability----- Mortality-----
>>Species MinorHost 2ndHost MajorHost Resist Tolerant Vulnerable
>>Name    Age      Age    Age      Age    Age    Age
>>-----
acersacc    0    20    40    0    0    40
piceglau    0    40   999    0   40   999
```


BDAAgentName test21
 BDPCalibrator 1
 SRDMode mean

>>----- Regional Outbreak Inputs -----

TimeSinceLastEpidemic 20 <<years
 TemporalType pulse <<pulse,
 <<variablepulse,
 <<or continuous
 RandomFunction RFuniform<<RFnormal or
 <<RFuniform
 RandomParameter1 25
 RandomParameter2 5
 MinROS 2
 MaxROS 2

>>----- Dispersal Inputs -----

Dispersal yes <<yes or no
 DispersalRate 200 <<meters/year
 EpidemicThresh 0
 InitialEpicenterNum 30
 OutbreakEpicenterCoeff 0.5
 SeedEpicenter yes <<yes or no
 SeedEpicenterCoeff .05
 >>InitialCondition none <<map or none
 DispersalTemplate 4N <<MaxRadius, 4N,
 <<8N, 12N, or 24N

>>----- Neighborhood Resource Inputs -----

NeighborFlag no <<yes or no
 NeighborSpeedUp none <<none, 2x, 3x,
 <<or 4x
 NeighborRadius 1000 <<meters
 NeighborShape uniform <<uniform, linear,
 <<or gaussian
 NeighborWeight 1

>>EcoregionModifiers

>>Ecoregion Modifier

>>eco1 0.16
 >>eco2 -0.16

DisturbanceModifiers

>>Type Duration Value

Wind 20 0.33

Fire 10 0.65

BDASpeciesParameters

>> Susceptibility

>>Species MinorHost 2ndHost MajorHost Class3 Class2 Class1

>>Name Age Age Age Age Age Age

>> -----

acersacc 0 0 40 0 0 40

piceglau 0 40 999 0 40 999

BDAAgentName test22
 BDPCalibrator 1
 SRDMode mean

>>----- Regional Outbreak Inputs -----

TimeSinceLastEpidemic 20 <<years
 TemporalType pulse <<pulse,
 <<variablepulse,
 <<or continuous
 RandomFunction RFuniform<<RFnormal or
 <<RFuniform
 RandomParameter1 25
 RandomParameter2 5
 MinROS 2
 MaxROS 2

>>----- Dispersal Inputs -----

Dispersal yes <<yes or no
 DispersalRate 200 <<meters/year
 EpidemicThresh 0
 InitialEpicenterNum 30
 OutbreakEpicenterCoeff 0.5
 SeedEpicenter yes <<yes or no
 SeedEpicenterCoeff .1
 >>InitialCondition none <<map or none
 DispersalTemplate 4N <<MaxRadius, 4N,
 <<8N, 12N, or 24N

>>----- Neighborhood Resource Inputs -----

NeighborFlag no <<yes or no
 NeighborSpeedUp none <<none, 2x, 3x,
 <<or 4x
 NeighborRadius 1000 <<meters
 NeighborShape uniform <<uniform, linear,
 <<or gaussian
 NeighborWeight 1

>>EcoregionModifiers

>>Ecoregion Modifier

>>eco1 0.16
 >>eco2 -0.16

DisturbanceModifiers

>>Type Duration Value

Wind 20 0.33

Fire 10 0.65

BDASpeciesParameters

>> Susceptibility

>>Species MinorHost 2ndHost MajorHost Class3 Class2 Class1

>>Name Age Age Age Age Age Age

>> -----

acersacc 0 0 40 0 0 40

piceglau 0 40 999 0 40 999

BDAAgentName test23
 BDPCalibrator 1
 SRDMode mean

>>----- Regional Outbreak Inputs -----

TimeSinceLastEpidemic 20 <<years
 TemporalType pulse <<pulse,
 <<variablepulse,
 <<or continuous
 RandomFunction RFuniform<<RFnormal or
 <<RFuniform
 RandomParameter1 25
 RandomParameter2 5
 MinROS 2
 MaxROS 2

>>----- Dispersal Inputs -----

Dispersal yes <<yes or no
 DispersalRate 200 <<meters/year
 EpidemicThresh 0
 InitialEpicenterNum 30
 OutbreakEpicenterCoeff 0.5
 SeedEpicenter yes <<yes or no
 SeedEpicenterCoeff 0.2
 >>InitialCondition none <<map or none
 DispersalTemplate 4N <<MaxRadius, 4N,
 <<8N, 12N, or 24N

>>----- Neighborhood Resource Inputs -----

NeighborFlag no <<yes or no
 NeighborSpeedUp none <<none, 2x, 3x,
 <<or 4x
 NeighborRadius 1000 <<meters
 NeighborShape uniform <<uniform, linear,
 <<or gaussian
 NeighborWeight 1

>>EcoregionModifiers

>>Ecoregion Modifier

>>eco1 0.16
 >>eco2 -0.16

DisturbanceModifiers

>>Type Duration Value

Wind 20 0.33

Fire 10 0.65

BDASpeciesParameters

>> Susceptibility

>>Species MinorHost 2ndHost MajorHost Class3 Class2 Class1

>>Name Age Age Age Age Age Age

>> -----

acersacc 0 0 40 0 0 40

piceglau 0 40 999 0 40 999

BDAAgentName test24
 BDPCalibrator 1
 SRDMode mean

>>----- Regional Outbreak Inputs -----

TimeSinceLastEpidemic 20 <<years
 TemporalType pulse <<pulse,
 <<variablepulse,
 <<or continuous
 RandomFunction RFuniform<<RFnormal or
 <<RFuniform
 RandomParameter1 25
 RandomParameter2 5
 MinROS 2
 MaxROS 2

>>----- Dispersal Inputs -----

Dispersal yes <<yes or no
 DispersalRate 200 <<meters/year
 EpidemicThresh 0
 InitialEpicenterNum 30
 OutbreakEpicenterCoeff 0.5
 SeedEpicenter yes <<yes or no
 SeedEpicenterCoeff 0.3
 >>InitialCondition none <<map or none
 DispersalTemplate 4N <<MaxRadius, 4N,
 <<8N, 12N, or 24N

>>----- Neighborhood Resource Inputs -----

NeighborFlag no <<yes or no
 NeighborSpeedUp none <<none, 2x, 3x,
 <<or 4x
 NeighborRadius 1000 <<meters
 NeighborShape uniform <<uniform, linear,
 <<or gaussian
 NeighborWeight 1

>>EcoregionModifiers

>>Ecoregion Modifier

>>eco1 0.16
 >>eco2 -0.16

DisturbanceModifiers

>>Type Duration Value

Wind 20 0.33

Fire 10 0.65

BDASpeciesParameters

>> Susceptibility

>>Species MinorHost 2ndHost MajorHost Class3 Class2 Class1

>>Name Age Age Age Age Age Age

>> -----

acersacc 0 0 40 0 0 40

piceglau 0 40 999 0 40 999

BDAAgentName test25
 BDPCalibrator 1
 SRDMode mean

>>----- Regional Outbreak Inputs -----

TimeSinceLastEpidemic 20 <<years
 TemporalType pulse <<pulse,
 <<variablepulse,
 <<or continuous
 RandomFunction RFuniform<<RFnormal or
 <<RFuniform
 RandomParameter1 25
 RandomParameter2 5
 MinROS 2
 MaxROS 2

>>----- Dispersal Inputs -----

Dispersal yes <<yes or no
 DispersalRate 200 <<meters/year
 EpidemicThresh 0
 InitialEpicenterNum 30
 OutbreakEpicenterCoeff 0.5
 SeedEpicenter yes <<yes or no
 SeedEpicenterCoeff 0.01
 >>InitialCondition none <<map or none
 DispersalTemplate 4N <<MaxRadius, 4N,
 <<8N, 12N, or 24N

>>----- Neighborhood Resource Inputs -----

NeighborFlag no <<yes or no
 NeighborSpeedUp none <<none, 2x, 3x,
 <<or 4x
 NeighborRadius 1000 <<meters
 NeighborShape uniform <<uniform, linear,
 <<or gaussian
 NeighborWeight 1

>>EcoregionModifiers

>>Ecoregion Modifier

>>eco1 0.16
 >>eco2 -0.16

DisturbanceModifiers

>>Type Duration Value

Wind 20 0.33

Fire 10 0.65

BDASpeciesParameters

>> Susceptibility

>>Species MinorHost 2ndHost MajorHost Class3 Class2 Class1

>>Name Age Age Age Age Age Age

>> -----

acersacc 0 0 40 0 0 40

piceglau 0 40 999 0 40 999

BDAAgentName test26
 BDPCalibrator 1
 SRDMode mean

>>----- Regional Outbreak Inputs -----

TimeSinceLastEpidemic 20 <<years
 TemporalType pulse <<pulse,
 <<variablepulse,
 <<or continuous
 RandomFunction RFuniform<<RFnormal or
 <<RFuniform
 RandomParameter1 25
 RandomParameter2 5
 MinROS 2
 MaxROS 2

>>----- Dispersal Inputs -----

Dispersal yes <<yes or no
 DispersalRate 200 <<meters/year
 EpidemicThresh 0
 InitialEpicenterNum 30
 OutbreakEpicenterCoeff 0.5
 SeedEpicenter yes <<yes or no
 SeedEpicenterCoeff 0.5
 >>InitialCondition none <<map or none
 DispersalTemplate 4N <<MaxRadius, 4N,
 <<8N, 12N, or 24N

>>----- Neighborhood Resource Inputs -----

NeighborFlag no <<yes or no
 NeighborSpeedUp none <<none, 2x, 3x,
 <<or 4x
 NeighborRadius 1000 <<meters
 NeighborShape uniform <<uniform, linear,
 <<or gaussian
 NeighborWeight 1

>>EcoregionModifiers

>>Ecoregion Modifier

>>eco1 0.16
 >>eco2 -0.16

DisturbanceModifiers

>>Type Duration Value

Wind 20 0.33

Fire 10 0.65

BDASpeciesParameters

>> Susceptibility

>>Species MinorHost 2ndHost MajorHost Class3 Class2 Class1

>>Name Age Age Age Age Age Age

>> -----

acersacc 0 0 40 0 0 40

piceglau 0 40 999 0 40 999

BDAAgentName test27
 BDPCalibrator 1
 SRDMode mean

>>----- Regional Outbreak Inputs -----

TimeSinceLastEpidemic 20 <<years
 TemporalType pulse <<pulse,
 <<variablepulse,
 <<or continuous
 RandomFunction RFuniform<<RFnormal or
 <<RFuniform
 RandomParameter1 25
 RandomParameter2 5
 MinROS 2
 MaxROS 2

>>----- Dispersal Inputs -----

Dispersal yes <<yes or no
 DispersalRate 200 <<meters/year
 EpidemicThresh 0
 InitialEpicenterNum 30
 OutbreakEpicenterCoeff 0.01
 SeedEpicenter no <<yes or no
 SeedEpicenterCoeff 0.1
 >>InitialCondition none <<map or none
 DispersalTemplate 4N <<MaxRadius, 4N,
 <<8N, 12N, or 24N

>>----- Neighborhood Resource Inputs -----

NeighborFlag yes <<yes or no
 NeighborSpeedUp none <<none, 2x, 3x,
 <<or 4x
 NeighborRadius 100 <<meters
 NeighborShape uniform <<uniform, linear,
 <<or gaussian
 NeighborWeight 1

>>EcoregionModifiers

>>Ecoregion Modifier

>>eco1 0.16
 >>eco2 -0.16

DisturbanceModifiers

>>Type Duration Value

Wind 20 0.33

Fire 10 0.65

BDASpeciesParameters

>> Susceptibility

>>Species MinorHost 2ndHost MajorHost Class3 Class2 Class1

>>Name Age Age Age Age Age Age

>> -----

acersacc 0 0 40 0 0 40

piceglau 0 40 999 0 40 999

BDAAgentName test28
 BDPCalibrator 1
 SRDMode mean

>>----- Regional Outbreak Inputs -----

TimeSinceLastEpidemic 20 <<years
 TemporalType pulse <<pulse,
 <<variablepulse,
 <<or continuous
 RandomFunction RFuniform<<RFnormal or
 <<RFuniform
 RandomParameter1 25
 RandomParameter2 5
 MinROS 2
 MaxROS 2

>>----- Dispersal Inputs -----

Dispersal yes <<yes or no
 DispersalRate 200 <<meters/year
 EpidemicThresh 0
 InitialEpicenterNum 30
 OutbreakEpicenterCoeff 0.01
 SeedEpicenter no <<yes or no
 SeedEpicenterCoeff 0.1
 >>InitialCondition none <<map or none
 DispersalTemplate 4N <<MaxRadius, 4N,
 <<8N, 12N, or 24N

>>----- Neighborhood Resource Inputs -----

NeighborFlag yes <<yes or no
 NeighborSpeedUp none <<none, 2x, 3x,
 <<or 4x
 NeighborRadius 200 <<meters
 NeighborShape uniform <<uniform, linear,
 <<or gaussian
 NeighborWeight 1

>>EcoregionModifiers

>>Ecoregion Modifier

>>eco1 0.16
 >>eco2 -0.16

DisturbanceModifiers

>>Type Duration Value

Wind 20 0.33

Fire 10 0.65

BDASpeciesParameters

>> Susceptibility

>>Species MinorHost 2ndHost MajorHost Class3 Class2 Class1

>>Name Age Age Age Age Age Age

>> -----

acersacc 0 0 40 0 0 40

piceglau 0 40 999 0 40 999

BDAAgentName test29
 BDPCalibrator 1
 SRDMode mean

>>----- Regional Outbreak Inputs -----

TimeSinceLastEpidemic 20 <<years
 TemporalType pulse <<pulse,
 <<variablepulse,
 <<or continuous
 RandomFunction RFuniform<<RFnormal or
 <<RFuniform
 RandomParameter1 25
 RandomParameter2 5
 MinROS 2
 MaxROS 2

>>----- Dispersal Inputs -----

Dispersal yes <<yes or no
 DispersalRate 200 <<meters/year
 EpidemicThresh 0
 InitialEpicenterNum 30
 OutbreakEpicenterCoeff 0.01
 SeedEpicenter no <<yes or no
 SeedEpicenterCoeff 0.1
 >>InitialCondition none <<map or none
 DispersalTemplate 4N <<MaxRadius, 4N,
 <<8N, 12N, or 24N

>>----- Neighborhood Resource Inputs -----

NeighborFlag yes <<yes or no
 NeighborSpeedUp none <<none, 2x, 3x,
 <<or 4x
 NeighborRadius 500 <<meters
 NeighborShape uniform <<uniform, linear,
 <<or gaussian
 NeighborWeight 1

>>EcoregionModifiers

>>Ecoregion Modifier

>>eco1 0.16
 >>eco2 -0.16

DisturbanceModifiers

>>Type Duration Value

Wind 20 0.33

Fire 10 0.65

BDASpeciesParameters

>> Susceptibility

>>Species MinorHost 2ndHost MajorHost Class3 Class2 Class1

>>Name Age Age Age Age Age Age

>> -----

acersacc 0 0 40 0 0 40

piceglau 0 40 999 0 40 999

BDAAgentName test30
 BDPCalibrator 1
 SRDMode mean

>>----- Regional Outbreak Inputs -----

TimeSinceLastEpidemic 20 <<years
 TemporalType pulse <<pulse,
 <<variablepulse,
 <<or continuous
 RandomFunction RFuniform<<RFnormal or
 <<RFuniform
 RandomParameter1 25
 RandomParameter2 5
 MinROS 2
 MaxROS 2

>>----- Dispersal Inputs -----

Dispersal yes <<yes or no
 DispersalRate 200 <<meters/year
 EpidemicThresh 0
 InitialEpicenterNum 30
 OutbreakEpicenterCoeff 0.01
 SeedEpicenter no <<yes or no
 SeedEpicenterCoeff 0.1
 >>InitialCondition none <<map or none
 DispersalTemplate 4N <<MaxRadius, 4N,
 <<8N, 12N, or 24N

>>----- Neighborhood Resource Inputs -----

NeighborFlag yes <<yes or no
 NeighborSpeedUp none <<none, 2x, 3x,
 <<or 4x
 NeighborRadius 220 <<meters
 NeighborShape linear <<uniform, linear,
 <<or gaussian
 NeighborWeight 1

>>EcoregionModifiers

>>Ecoregion Modifier

>>eco1 0.16
 >>eco2 -0.16

DisturbanceModifiers

>>Type Duration Value

Wind 20 0.33

Fire 10 0.65

BDASpeciesParameters

>> Susceptibility

>>Species MinorHost 2ndHost MajorHost Class3 Class2 Class1

>>Name Age Age Age Age Age Age

>> -----

acersacc 0 0 40 0 0 40

piceglau 0 40 999 0 40 999

BDAAgentName test31
 BDPCalibrator 1
 SRDMode mean

>>----- Regional Outbreak Inputs -----

TimeSinceLastEpidemic 20 <<years
 TemporalType pulse <<pulse,
 <<variablepulse,
 <<or continuous
 RandomFunction RFuniform<<RFnormal or
 <<RFuniform
 RandomParameter1 25
 RandomParameter2 5
 MinROS 2
 MaxROS 2

>>----- Dispersal Inputs -----

Dispersal yes <<yes or no
 DispersalRate 200 <<meters/year
 EpidemicThresh 0
 InitialEpicenterNum 30
 OutbreakEpicenterCoeff 0.01
 SeedEpicenter no <<yes or no
 SeedEpicenterCoeff 0.1
 >>InitialCondition none <<map or none
 DispersalTemplate 4N <<MaxRadius, 4N,
 <<8N, 12N, or 24N

>>----- Neighborhood Resource Inputs -----

NeighborFlag yes <<yes or no
 NeighborSpeedUp none <<none, 2x, 3x,
 <<or 4x
 NeighborRadius 250 <<meters
 NeighborShape gaussian <<uniform, linear,
 <<or gaussian
 NeighborWeight 1

>>EcoregionModifiers

>>Ecoregion Modifier

>>eco1 0.16
 >>eco2 -0.16

DisturbanceModifiers

>>Type Duration Value

Wind 20 0.33

Fire 10 0.65

BDASpeciesParameters

>> Susceptibility

>>Species MinorHost 2ndHost MajorHost Class3 Class2 Class1

>>Name Age Age Age Age Age Age

>> -----

acersacc 0 0 40 0 0 40

piceglau 0 40 999 0 40 999

BDAAgentName test32
 BDPCalibrator 1
 SRDMode mean

>>----- Regional Outbreak Inputs -----

TimeSinceLastEpidemic 20 <<years
 TemporalType pulse <<pulse,
 <<variablepulse,
 <<or continuous
 RandomFunction RFuniform<<RFnormal or
 <<RFuniform
 RandomParameter1 25
 RandomParameter2 5
 MinROS 2
 MaxROS 2

>>----- Dispersal Inputs -----

Dispersal yes <<yes or no
 DispersalRate 200 <<meters/year
 EpidemicThresh 0
 InitialEpicenterNum 30
 OutbreakEpicenterCoeff 0.01
 SeedEpicenter no <<yes or no
 SeedEpicenterCoeff 0.1
 >>InitialCondition none <<map or none
 DispersalTemplate 4N <<MaxRadius, 4N,
 <<8N, 12N, or 24N

>>----- Neighborhood Resource Inputs -----

NeighborFlag yes <<yes or no
 NeighborSpeedUp none <<none, 2x, 3x,
 <<or 4x
 NeighborRadius 200 <<meters
 NeighborShape uniform <<uniform, linear,
 <<or gaussian
 NeighborWeight .5

>>EcoregionModifiers

>>Ecoregion Modifier

>>eco1 0.16
 >>eco2 -0.16

DisturbanceModifiers

>>Type Duration Value

Wind 20 0.33

Fire 10 0.65

BDASpeciesParameters

>> Susceptibility

>>Species MinorHost 2ndHost MajorHost Class3 Class2 Class1

>>Name Age Age Age Age Age Age

>> -----

acersacc 0 0 40 0 0 40

piceglau 0 40 999 0 40 999

BDAAgentName test33
 BDPCalibrator 1
 SRDMode mean

>>----- Regional Outbreak Inputs -----

TimeSinceLastEpidemic 20 <<years
 TemporalType pulse <<pulse,
 <<variablepulse,
 <<or continuous
 RandomFunction RFuniform<<RFnormal or
 <<RFuniform
 RandomParameter1 25
 RandomParameter2 5
 MinROS 2
 MaxROS 2

>>----- Dispersal Inputs -----

Dispersal yes <<yes or no
 DispersalRate 200 <<meters/year
 EpidemicThresh 0
 InitialEpicenterNum 30
 OutbreakEpicenterCoeff 0.01
 SeedEpicenter no <<yes or no
 SeedEpicenterCoeff 0.1
 >>InitialCondition none <<map or none
 DispersalTemplate 4N <<MaxRadius, 4N,
 <<8N, 12N, or 24N

>>----- Neighborhood Resource Inputs -----

NeighborFlag yes <<yes or no
 NeighborSpeedUp none <<none, 2x, 3x,
 <<or 4x
 NeighborRadius 200 <<meters
 NeighborShape uniform <<uniform, linear,
 <<or gaussian
 NeighborWeight 2

>>EcoregionModifiers

>>Ecoregion Modifier

>>eco1 0.16
 >>eco2 -0.16

DisturbanceModifiers

>>Type Duration Value

Wind 20 0.33

Fire 10 0.65

BDASpeciesParameters

>> Susceptibility

>>Species MinorHost 2ndHost MajorHost Class3 Class2 Class1

>>Name Age Age Age Age Age Age

>> -----

acersacc 0 0 40 0 0 40

piceglau 0 40 999 0 40 999

BDAAgentName test34
 BDPCalibrator 1
 SRDMode mean

>>----- Regional Outbreak Inputs -----

TimeSinceLastEpidemic 20 <<years
 TemporalType pulse <<pulse,
 <<variablepulse,
 <<or continuous
 RandomFunction RFuniform<<RFnormal or
 <<RFuniform
 RandomParameter1 25
 RandomParameter2 5
 MinROS 2
 MaxROS 2

>>----- Dispersal Inputs -----

Dispersal yes <<yes or no
 DispersalRate 200 <<meters/year
 EpidemicThresh 0
 InitialEpicenterNum 30
 OutbreakEpicenterCoeff 0.01
 SeedEpicenter no <<yes or no
 SeedEpicenterCoeff 0.1
 >>InitialCondition none <<map or none
 DispersalTemplate 4N <<MaxRadius, 4N,
 <<8N, 12N, or 24N

>>----- Neighborhood Resource Inputs -----

NeighborFlag yes <<yes or no
 NeighborSpeedUp none <<none, 2x, 3x,
 <<or 4x
 NeighborRadius 200 <<meters
 NeighborShape uniform <<uniform, linear,
 <<or gaussian
 NeighborWeight 10

>>EcoregionModifiers

>>Ecoregion Modifier

>>eco1 0.16
 >>eco2 -0.16

DisturbanceModifiers

>>Type Duration Value

Wind 20 0.33

Fire 10 0.65

BDASpeciesParameters

>> Susceptibility

>>Species MinorHost 2ndHost MajorHost Class3 Class2 Class1

>>Name Age Age Age Age Age Age

>> -----

acersacc 0 0 40 0 0 40

piceglau 0 40 999 0 40 999

BDAAgentName test35
 BDPCalibrator 1
 SRDMode mean

>>----- Regional Outbreak Inputs -----

TimeSinceLastEpidemic 20 <<years
 TemporalType pulse <<pulse,
 <<variablepulse,
 <<or continuous
 RandomFunction RFuniform<<RFnormal or
 <<RFuniform
 RandomParameter1 25
 RandomParameter2 5
 MinROS 2
 MaxROS 2

>>----- Dispersal Inputs -----

Dispersal yes <<yes or no
 DispersalRate 200 <<meters/year
 EpidemicThresh 0
 InitialEpicenterNum 30
 OutbreakEpicenterCoeff 0.01
 SeedEpicenter no <<yes or no
 SeedEpicenterCoeff 0.1
 >>InitialCondition none <<map or none
 DispersalTemplate 4N <<MaxRadius, 4N,
 <<8N, 12N, or 24N

>>----- Neighborhood Resource Inputs -----

NeighborFlag yes <<yes or no
 NeighborSpeedUp none <<none, 2x, 3x,
 <<or 4x
 NeighborRadius 1000 <<meters
 NeighborShape uniform <<uniform, linear,
 <<or gaussian
 NeighborWeight 1

>>EcoregionModifiers

>>Ecoregion Modifier

>>eco1 0.16
 >>eco2 -0.16

DisturbanceModifiers

>>Type Duration Value

Wind 20 0.33

Fire 10 0.65

BDASpeciesParameters

>> Susceptibility

>>Species MinorHost 2ndHost MajorHost Class3 Class2 Class1

>>Name Age Age Age Age Age Age

>> -----

acersacc 0 0 40 0 0 40

piceglau 0 40 999 0 40 999

BDAAgentName test36
 BDPCalibrator 1
 SRDMode mean

>>----- Regional Outbreak Inputs -----

TimeSinceLastEpidemic 20 <<years
 TemporalType pulse <<pulse,
 <<variablepulse,
 <<or continuous
 RandomFunction RFuniform<<RFnormal or
 <<RFuniform
 RandomParameter1 25
 RandomParameter2 5
 MinROS 2
 MaxROS 2

>>----- Dispersal Inputs -----

Dispersal yes <<yes or no
 DispersalRate 200 <<meters/year
 EpidemicThresh 0
 InitialEpicenterNum 30
 OutbreakEpicenterCoeff 0.01
 SeedEpicenter no <<yes or no
 SeedEpicenterCoeff 0.1
 >>InitialCondition none <<map or none
 DispersalTemplate 4N <<MaxRadius, 4N,
 <<8N, 12N, or 24N

>>----- Neighborhood Resource Inputs -----

NeighborFlag yes <<yes or no
 NeighborSpeedUp 2x <<none, 2x, 3x,
 <<or 4x
 NeighborRadius 1000 <<meters
 NeighborShape uniform <<uniform, linear,
 <<or gaussian
 NeighborWeight 1

>>EcoregionModifiers

>>Ecoregion Modifier

>>eco1 0.16
 >>eco2 -0.16

DisturbanceModifiers

>>Type Duration Value

Wind 20 0.33

Fire 10 0.65

BDASpeciesParameters

>> Susceptibility

>>Species MinorHost 2ndHost MajorHost Class3 Class2 Class1

>>Name Age Age Age Age Age Age

>> -----

acersacc 0 0 40 0 0 40

piceglau 0 40 999 0 40 999

BDAAgentName test37
 BDPCalibrator 1
 SRDMode mean

>>----- Regional Outbreak Inputs -----

TimeSinceLastEpidemic 20 <<years
 TemporalType pulse <<pulse,
 <<variablepulse,
 <<or continuous
 RandomFunction RFuniform<<RFnormal or
 <<RFuniform
 RandomParameter1 25
 RandomParameter2 5
 MinROS 2
 MaxROS 2

>>----- Dispersal Inputs -----

Dispersal yes <<yes or no
 DispersalRate 200 <<meters/year
 EpidemicThresh 0
 InitialEpicenterNum 30
 OutbreakEpicenterCoeff 0.01
 SeedEpicenter no <<yes or no
 SeedEpicenterCoeff 0.1
 >>InitialCondition none <<map or none
 DispersalTemplate 4N <<MaxRadius, 4N,
 <<8N, 12N, or 24N

>>----- Neighborhood Resource Inputs -----

NeighborFlag yes <<yes or no
 NeighborSpeedUp 3x <<none, 2x, 3x,
 <<or 4x
 NeighborRadius 1000 <<meters
 NeighborShape uniform <<uniform, linear,
 <<or gaussian
 NeighborWeight 1

>>EcoregionModifiers

>>Ecoregion Modifier

>>eco1 0.16
 >>eco2 -0.16

DisturbanceModifiers

>>Type Duration Value

Wind 20 0.33

Fire 10 0.65

BDASpeciesParameters

>> Susceptibility

>>Species MinorHost 2ndHost MajorHost Class3 Class2 Class1

>>Name Age Age Age Age Age Age

>> -----

acersacc 0 0 40 0 0 40

piceglau 0 40 999 0 40 999

BDAAgentName test38
 BDPCalibrator 1
 SRDMode mean

>>----- Regional Outbreak Inputs -----

TimeSinceLastEpidemic 20 <<years
 TemporalType pulse <<pulse,
 <<variablepulse,
 <<or continuous
 RandomFunction RFuniform<<RFnormal or
 <<RFuniform
 RandomParameter1 25
 RandomParameter2 5
 MinROS 2
 MaxROS 2

>>----- Dispersal Inputs -----

Dispersal yes <<yes or no
 DispersalRate 200 <<meters/year
 EpidemicThresh 0
 InitialEpicenterNum 30
 OutbreakEpicenterCoeff 0.01
 SeedEpicenter no <<yes or no
 SeedEpicenterCoeff 0.1
 >>InitialCondition none <<map or none
 DispersalTemplate 4N <<MaxRadius, 4N,
 <<8N, 12N, or 24N

>>----- Neighborhood Resource Inputs -----

NeighborFlag yes <<yes or no
 NeighborSpeedUp 4x <<none, 2x, 3x,
 <<or 4x
 NeighborRadius 1000 <<meters
 NeighborShape uniform <<uniform, linear,
 <<or gaussian
 NeighborWeight 1

>>EcoregionModifiers

>>Ecoregion Modifier

>>eco1 0.16
 >>eco2 -0.16

DisturbanceModifiers

>>Type Duration Value

Wind 20 0.33

Fire 10 0.65

BDASpeciesParameters

>> Susceptibility

>>Species MinorHost 2ndHost MajorHost Class3 Class2 Class1

>>Name Age Age Age Age Age Age

>> -----

acersacc 0 0 40 0 0 40

piceglau 0 40 999 0 40 999

BDAAgentName test39
 BDPCalibrator 1
 SRDMode mean

>>----- Regional Outbreak Inputs -----

TimeSinceLastEpidemic 20 <<years
 TemporalType pulse <<pulse,
 <<variablepulse,
 <<or continuous
 RandomFunction RFuniform<<RFnormal or
 <<RFuniform
 RandomParameter1 25
 RandomParameter2 5
 MinROS 2
 MaxROS 2

>>----- Dispersal Inputs -----

Dispersal yes <<yes or no
 DispersalRate 200 <<meters/year
 EpidemicThresh 0
 InitialEpicenterNum 30
 OutbreakEpicenterCoeff 0.01
 SeedEpicenter no <<yes or no
 SeedEpicenterCoeff 0.1
 >>InitialCondition none <<map or none
 DispersalTemplate 4N <<MaxRadius, 4N,
 <<8N, 12N, or 24N

>>----- Neighborhood Resource Inputs -----

NeighborFlag no <<yes or no
 NeighborSpeedUp none <<none, 2x, 3x,
 <<or 4x
 NeighborRadius 1000 <<meters
 NeighborShape uniform <<uniform, linear,
 <<or gaussian
 NeighborWeight 1

>>EcoregionModifiers

>>Ecoregion Modifier

>>eco1 0.16
 >>eco2 -0.16

DisturbanceModifiers

>>Type Duration Value

Wind 20 0.33

Fire 10 0.65

BDASpeciesParameters

>> Susceptibility

>>Species MinorHost 2ndHost MajorHost Class3 Class2 Class1

>>Name Age Age Age Age Age Age

>> -----

acersacc 0 0 40 0 0 40

piceglau 0 40 999 0 40 999

BDAAgentName test40
 BDPCalibrator 1
 SRDMode mean

>>----- Regional Outbreak Inputs -----

TimeSinceLastEpidemic 20 <<years
 TemporalType pulse <<pulse,
 <<variablepulse,
 <<or continuous
 RandomFunction RFuniform<<RFnormal or
 <<RFuniform
 RandomParameter1 25
 RandomParameter2 5
 MinROS 2
 MaxROS 2

>>----- Dispersal Inputs -----

Dispersal yes <<yes or no
 DispersalRate 200 <<meters/year
 EpidemicThresh 0
 InitialEpicenterNum 30
 OutbreakEpicenterCoeff 0.01
 SeedEpicenter no <<yes or no
 SeedEpicenterCoeff 0.1
 >>InitialCondition none <<map or none
 DispersalTemplate 4N <<MaxRadius, 4N,
 <<8N, 12N, or 24N

>>----- Neighborhood Resource Inputs -----

NeighborFlag no <<yes or no
 NeighborSpeedUp none <<none, 2x, 3x,
 <<or 4x
 NeighborRadius 1000 <<meters
 NeighborShape uniform <<uniform, linear,
 <<or gaussian
 NeighborWeight 1

>>EcoregionModifiers

>>Ecoregion Modifier
 eco2 -0.1
 eco3 0.1

DisturbanceModifiers

>>Type Duration Value

Wind 20 0.33

Fire 10 0.65

BDASpeciesParameters

>> Susceptibility

>>Species MinorHost 2ndHost MajorHost Class3 Class2 Class1

>>Name Age Age Age Age Age Age

>> -----

acersacc 0 0 40 0 0 40

piceglau 0 40 999 0 40 999

BDAAgentName test42
 BDPCalibrator 1
 SRDMode mean

>>----- Regional Outbreak Inputs -----

TimeSinceLastEpidemic 20 <<years
 TemporalType pulse <<pulse,
 <<variablepulse,
 <<or continuous
 RandomFunction RFuniform<<RFnormal or
 <<RFuniform
 RandomParameter1 25
 RandomParameter2 5
 MinROS 1
 MaxROS 1

>>----- Dispersal Inputs -----

Dispersal yes <<yes or no
 DispersalRate 200 <<meters/year
 EpidemicThresh 0
 InitialEpicenterNum 30
 OutbreakEpicenterCoeff 0.01
 SeedEpicenter no <<yes or no
 SeedEpicenterCoeff 0.1
 >>InitialCondition none <<map or none
 DispersalTemplate 4N <<MaxRadius, 4N,
 <<8N, 12N, or 24N

>>----- Neighborhood Resource Inputs -----

NeighborFlag no <<yes or no
 NeighborSpeedUp none <<none, 2x, 3x,
 <<or 4x
 NeighborRadius 1000 <<meters
 NeighborShape uniform <<uniform, linear,
 <<or gaussian
 NeighborWeight 1

>>EcoregionModifiers

>>Ecoregion Modifier

>>eco2 -0.1
 >>eco3 0.1

DisturbanceModifiers

>>Type Duration Value

Wind 20 0.33

Fire 10 0.65

BDASpeciesParameters

>> Susceptibility

>>Species MinorHost 2ndHost MajorHost Class3 Class2 Class1

>>Name Age Age Age Age Age Age

>> -----

acersacc 0 0 40 0 0 40

piceglau 0 40 999 0 40 999

BDAAgentName test43
 BDPCalibrator 1
 SRDMode mean

>>----- Regional Outbreak Inputs -----

TimeSinceLastEpidemic 20 <<years
 TemporalType pulse <<pulse,
 <<variablepulse,
 <<or continuous
 RandomFunction RFuniform<<RFnormal or
 <<RFuniform
 RandomParameter1 10
 RandomParameter2 2
 MinROS 0
 MaxROS 3

>>----- Dispersal Inputs -----

Dispersal yes <<yes or no
 DispersalRate 200 <<meters/year
 EpidemicThresh 0
 InitialEpicenterNum 30
 OutbreakEpicenterCoeff 0.01
 SeedEpicenter no <<yes or no
 SeedEpicenterCoeff 0.1
 >>InitialCondition none <<map or none
 DispersalTemplate 4N <<MaxRadius, 4N,
 <<8N, 12N, or 24N

>>----- Neighborhood Resource Inputs -----

NeighborFlag no <<yes or no
 NeighborSpeedUp none <<none, 2x, 3x,
 <<or 4x
 NeighborRadius 1000 <<meters
 NeighborShape uniform <<uniform, linear,
 <<or gaussian
 NeighborWeight 1

>>EcoregionModifiers

>>Ecoregion Modifier
 >>eco2 -0.1
 >>eco3 0.1

DisturbanceModifiers

>>Type Duration Value

Wind 20 0.33

Fire 10 0.65

BDASpeciesParameters

>> Susceptibility

>>Species MinorHost 2ndHost MajorHost Class3 Class2 Class1

>>Name Age Age Age Age Age Age

>> -----

acersacc 0 0 40 0 0 40

piceglau 0 40 999 0 40 999

BDAAgentName test44
 BDPCalibrator 1
 SRDMode mean

>>----- Regional Outbreak Inputs -----

TimeSinceLastEpidemic 20 <<years
 TemporalType variablepulse <<pulse,
 <<variablepulse,
 <<or continuous
 RandomFunction RFuniform<<RFnormal or
 <<RFuniform
 RandomParameter1 10
 RandomParameter2 2
 MinROS 0
 MaxROS 3

>>----- Dispersal Inputs -----

Dispersal yes <<yes or no
 DispersalRate 200 <<meters/year
 EpidemicThresh 0
 InitialEpicenterNum 30
 OutbreakEpicenterCoeff 0.01
 SeedEpicenter no <<yes or no
 SeedEpicenterCoeff 0.1
 >>InitialCondition none <<map or none
 DispersalTemplate 4N <<MaxRadius, 4N,
 <<8N, 12N, or 24N

>>----- Neighborhood Resource Inputs -----

NeighborFlag no <<yes or no
 NeighborSpeedUp none <<none, 2x, 3x,
 <<or 4x
 NeighborRadius 1000 <<meters
 NeighborShape uniform <<uniform, linear,
 <<or gaussian
 NeighborWeight 1

>>EcoregionModifiers

>>Ecoregion Modifier

>>eco2 -0.1
 >>eco3 0.1

DisturbanceModifiers

>>Type Duration Value

Wind 20 0.33

Fire 10 0.65

BDASpeciesParameters

>> Susceptibility

>>Species MinorHost 2ndHost MajorHost Class3 Class2 Class1

>>Name Age Age Age Age Age Age

>> -----

acersacc 0 0 40 0 0 40

piceglau 0 40 999 0 40 999

BDAAgentName test45
 BDPCalibrator 1
 SRDMode mean

>>----- Regional Outbreak Inputs -----

TimeSinceLastEpidemic 20 <<years
 TemporalType pulse <<pulse,
 <<variablepulse,
 <<or continuous
 RandomFunction RFnormal<<RFnormal or
 <<RFuniform
 RandomParameter1 10
 RandomParameter2 2
 MinROS 0
 MaxROS 3

>>----- Dispersal Inputs -----

Dispersal yes <<yes or no
 DispersalRate 200 <<meters/year
 EpidemicThresh 0
 InitialEpicenterNum 30
 OutbreakEpicenterCoeff 0.01
 SeedEpicenter no <<yes or no
 SeedEpicenterCoeff 0.1
 >>InitialCondition none <<map or none
 DispersalTemplate 4N <<MaxRadius, 4N,
 <<8N, 12N, or 24N

>>----- Neighborhood Resource Inputs -----

NeighborFlag no <<yes or no
 NeighborSpeedUp none <<none, 2x, 3x,
 <<or 4x
 NeighborRadius 1000 <<meters
 NeighborShape uniform <<uniform, linear,
 <<or gaussian
 NeighborWeight 1

>>EcoregionModifiers

>>Ecoregion Modifier
 >>eco2 -0.1
 >>eco3 0.1

DisturbanceModifiers

>>Type Duration Value

Wind 20 0.33

Fire 10 0.65

BDASpeciesParameters

>> Susceptibility

>>Species MinorHost 2ndHost MajorHost Class3 Class2 Class1

>>Name Age Age Age Age Age Age

>> -----

acersacc 0 0 40 0 0 40

piceglau 0 40 999 0 40 999

BDAAgentName test46
 BDPCalibrator 1
 SRDMode mean

>>----- Regional Outbreak Inputs -----

TimeSinceLastEpidemic 20 <<years
 TemporalType pulse <<pulse,
 <<variablepulse,
 <<or continuous
 RandomFunction RFnormal<<RFnormal or
 <<RFuniform
 RandomParameter1 25
 RandomParameter2 2
 MinROS 0
 MaxROS 3

>>----- Dispersal Inputs -----

Dispersal yes <<yes or no
 DispersalRate 200 <<meters/year
 EpidemicThresh 0
 InitialEpicenterNum 30
 OutbreakEpicenterCoeff 0.01
 SeedEpicenter no <<yes or no
 SeedEpicenterCoeff 0.1
 >>InitialCondition none <<map or none
 DispersalTemplate 4N <<MaxRadius, 4N,
 <<8N, 12N, or 24N

>>----- Neighborhood Resource Inputs -----

NeighborFlag no <<yes or no
 NeighborSpeedUp none <<none, 2x, 3x,
 <<or 4x
 NeighborRadius 1000 <<meters
 NeighborShape uniform <<uniform, linear,
 <<or gaussian
 NeighborWeight 1

>>EcoregionModifiers

>>Ecoregion Modifier

>>eco2 -0.1
 >>eco3 0.1

DisturbanceModifiers

>>Type Duration Value

Wind 20 0.33

Fire 10 0.65

BDASpeciesParameters

>> Susceptibility

>>Species MinorHost 2ndHost MajorHost Class3 Class2 Class1

>>Name Age Age Age Age Age Age

>> -----

acersacc 0 0 40 0 0 40

piceglau 0 40 999 0 40 999

BDAAgentName test47
 BDPCalibrator 1
 SRDMode mean

>>----- Regional Outbreak Inputs -----

TimeSinceLastEpidemic 20 <<years
 TemporalType pulse <<pulse,
 <<variablepulse,
 <<or continuous
 RandomFunction RFnormal<<RFnormal or
 <<RFuniform
 RandomParameter1 10
 RandomParameter2 0
 MinROS 0
 MaxROS 3

>>----- Dispersal Inputs -----

Dispersal yes <<yes or no
 DispersalRate 200 <<meters/year
 EpidemicThresh 0
 InitialEpicenterNum 30
 OutbreakEpicenterCoeff 0.01
 SeedEpicenter no <<yes or no
 SeedEpicenterCoeff 0.1
 >>InitialCondition none <<map or none
 DispersalTemplate 4N <<MaxRadius, 4N,
 <<8N, 12N, or 24N

>>----- Neighborhood Resource Inputs -----

NeighborFlag no <<yes or no
 NeighborSpeedUp none <<none, 2x, 3x,
 <<or 4x
 NeighborRadius 1000 <<meters
 NeighborShape uniform <<uniform, linear,
 <<or gaussian
 NeighborWeight 1

>>EcoregionModifiers

>>Ecoregion Modifier
 >>eco2 -0.1
 >>eco3 0.1

DisturbanceModifiers

>>Type Duration Value

Wind 20 0.33

Fire 10 0.65

BDASpeciesParameters

>> Susceptibility

>>Species MinorHost 2ndHost MajorHost Class3 Class2 Class1

>>Name Age Age Age Age Age Age

>> -----

acersacc 0 0 40 0 0 40

piceglau 0 40 999 0 40 999

BDAAgentName test48
 BDPCalibrator 1
 SRDMode mean

>>----- Regional Outbreak Inputs -----

TimeSinceLastEpidemic 20 <<years
 TemporalType pulse <<pulse,
 <<variablepulse,
 <<or continuous
 RandomFunction RFnormal<<RFnormal or
 <<RFuniform
 RandomParameter1 10
 RandomParameter2 4
 MinROS 0
 MaxROS 3

>>----- Dispersal Inputs -----

Dispersal yes <<yes or no
 DispersalRate 200 <<meters/year
 EpidemicThresh 0
 InitialEpicenterNum 30
 OutbreakEpicenterCoeff 0.01
 SeedEpicenter no <<yes or no
 SeedEpicenterCoeff 0.1
 >>InitialCondition none <<map or none
 DispersalTemplate 4N <<MaxRadius, 4N,
 <<8N, 12N, or 24N

>>----- Neighborhood Resource Inputs -----

NeighborFlag no <<yes or no
 NeighborSpeedUp none <<none, 2x, 3x,
 <<or 4x
 NeighborRadius 1000 <<meters
 NeighborShape uniform <<uniform, linear,
 <<or gaussian
 NeighborWeight 1

>>EcoregionModifiers

>>Ecoregion Modifier

>>eco2 -0.1
 >>eco3 0.1

DisturbanceModifiers

>>Type Duration Value

Wind 20 0.33

Fire 10 0.65

BDASpeciesParameters

>> Susceptibility

>>Species MinorHost 2ndHost MajorHost Class3 Class2 Class1

>>Name Age Age Age Age Age Age

>> -----

acersacc 0 0 40 0 0 40

piceglau 0 40 999 0 40 999

BDAAgentName test49
 BDPCalibrator 1
 SRDMode mean

>>----- Regional Outbreak Inputs -----

TimeSinceLastEpidemic 20 <<years
 TemporalType pulse <<pulse,
 <<variablepulse,
 <<or continuous
 RandomFunction RFnormal<<RFnormal or
 <<RFuniform
 RandomParameter1 10
 RandomParameter2 1
 MinROS 0
 MaxROS 3

>>----- Dispersal Inputs -----

Dispersal yes <<yes or no
 DispersalRate 200 <<meters/year
 EpidemicThresh 0
 InitialEpicenterNum 30
 OutbreakEpicenterCoeff 0.01
 SeedEpicenter no <<yes or no
 SeedEpicenterCoeff 0.1
 >>InitialCondition none <<map or none
 DispersalTemplate 4N <<MaxRadius, 4N,
 <<8N, 12N, or 24N

>>----- Neighborhood Resource Inputs -----

NeighborFlag no <<yes or no
 NeighborSpeedUp none <<none, 2x, 3x,
 <<or 4x
 NeighborRadius 1000 <<meters
 NeighborShape uniform <<uniform, linear,
 <<or gaussian
 NeighborWeight 1

>>EcoregionModifiers

>>Ecoregion Modifier

>>eco2 -0.1
 >>eco3 0.1

DisturbanceModifiers

>>Type Duration Value

Wind 20 0.33

Fire 10 0.65

BDASpeciesParameters

>> Susceptibility

>>Species MinorHost 2ndHost MajorHost Class3 Class2 Class1

>>Name Age Age Age Age Age Age

>> -----

acersacc 0 0 40 0 0 40

piceglau 0 40 999 0 40 999

BDAAgentName test50
 BDPCalibrator 1
 SRDMode mean

>>----- Regional Outbreak Inputs -----

TimeSinceLastEpidemic 20 <<years
 TemporalType pulse <<pulse,
 <<variablepulse,
 <<or continuous
 RandomFunction RFuniform<<RFnormal or
 <<RFuniform
 RandomParameter1 10
 RandomParameter2 1
 MinROS 0
 MaxROS 3

>>----- Dispersal Inputs -----

Dispersal yes <<yes or no
 DispersalRate 200 <<meters/year
 EpidemicThresh 0
 InitialEpicenterNum 30
 OutbreakEpicenterCoeff 0.01
 SeedEpicenter no <<yes or no
 SeedEpicenterCoeff 0.1
 >>InitialCondition none <<map or none
 DispersalTemplate 4N <<MaxRadius, 4N,
 <<8N, 12N, or 24N

>>----- Neighborhood Resource Inputs -----

NeighborFlag no <<yes or no
 NeighborSpeedUp none <<none, 2x, 3x,
 <<or 4x
 NeighborRadius 1000 <<meters
 NeighborShape uniform <<uniform, linear,
 <<or gaussian
 NeighborWeight 1

>>EcoregionModifiers

>>Ecoregion Modifier
 >>eco2 -0.1
 >>eco3 0.1

DisturbanceModifiers

>>Type Duration Value

Wind 20 0.33

Fire 10 0.65

BDASpeciesParameters

>> Susceptibility

>>Species MinorHost 2ndHost MajorHost Class3 Class2 Class1

>>Name Age Age Age Age Age Age

>> -----

acersacc 0 0 40 0 0 40

piceglau 0 40 999 0 40 999