fdcoexist

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## 1534.82 sec elapsed
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## 1519.56 sec elapsed
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## 1530.44 sec elapsed
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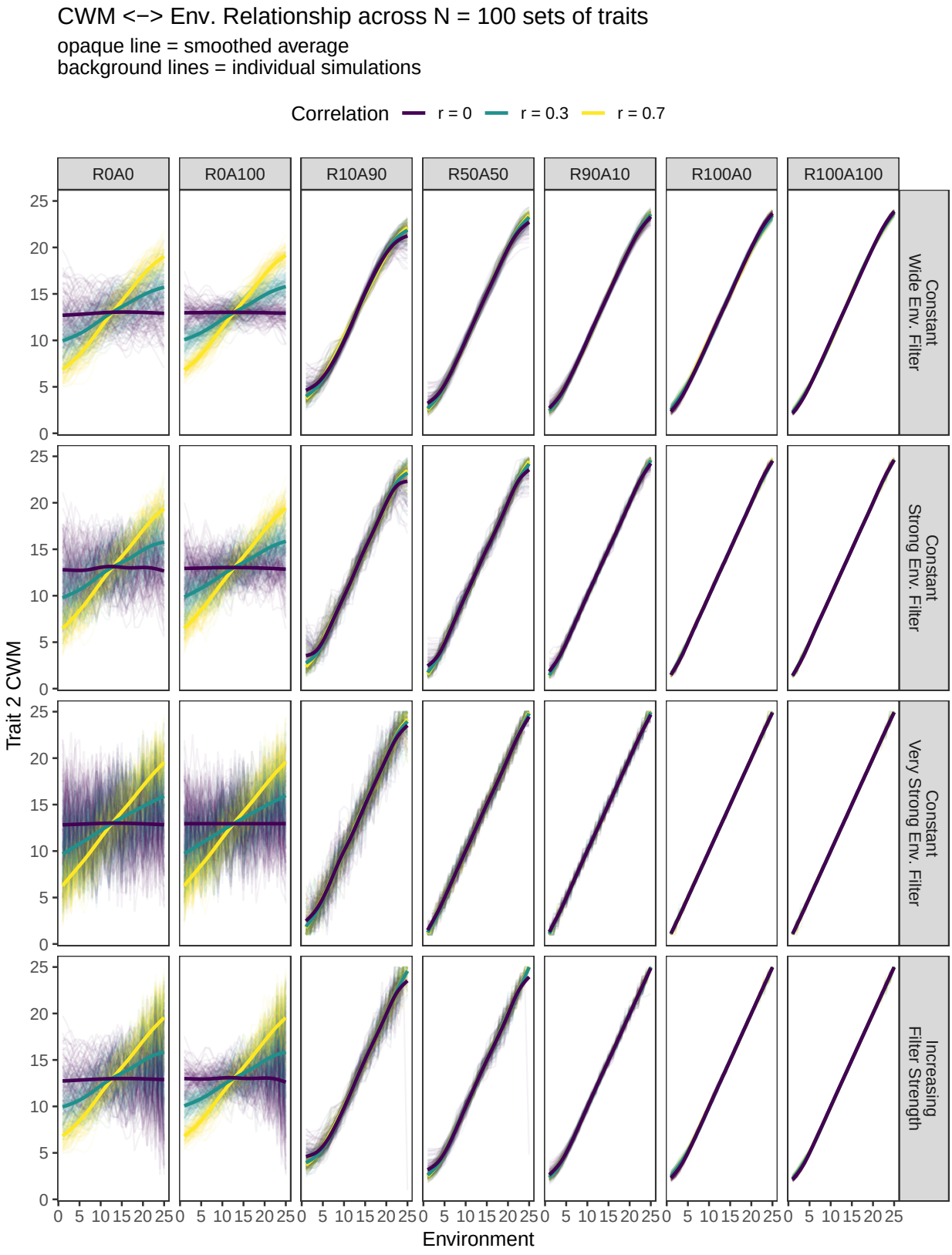
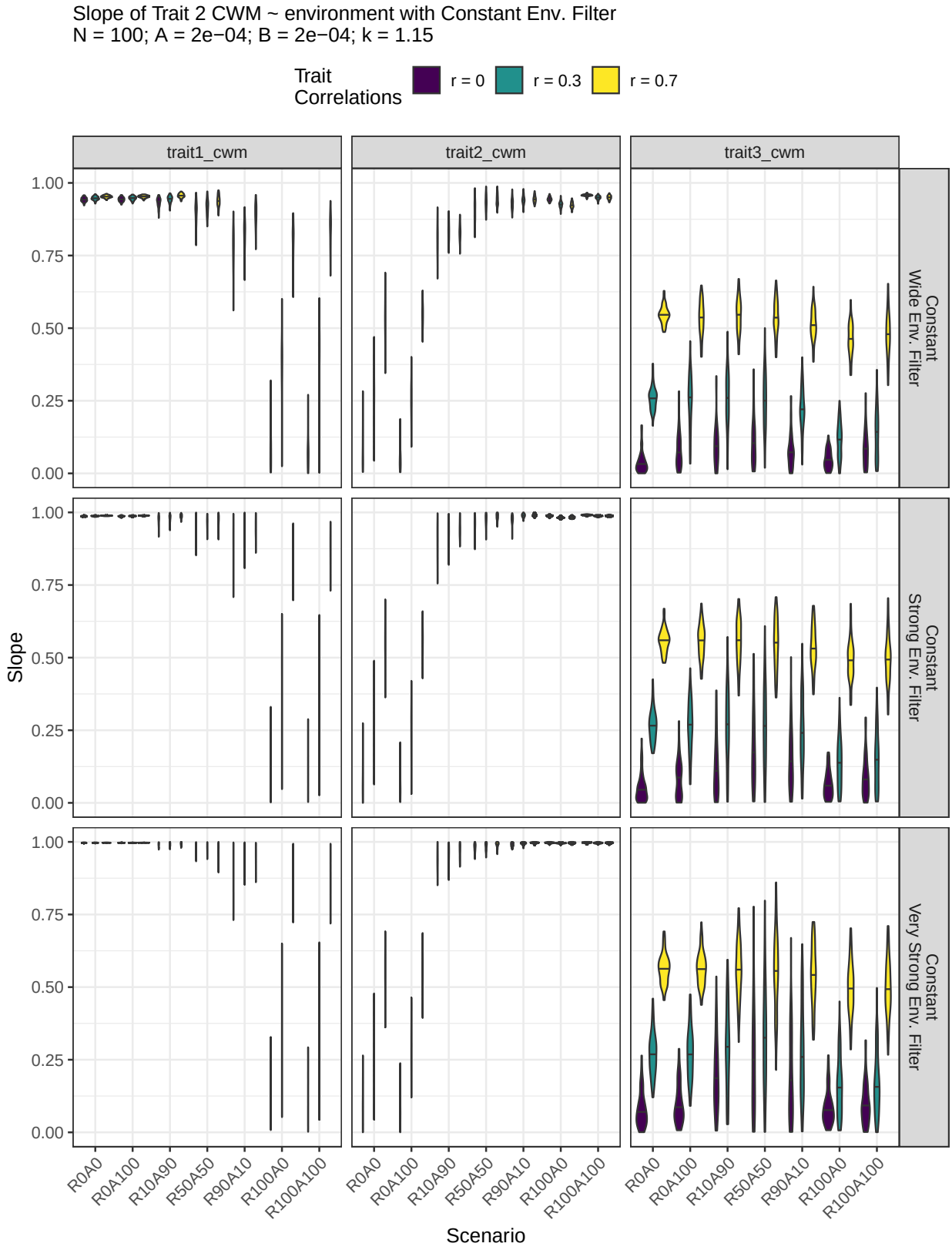
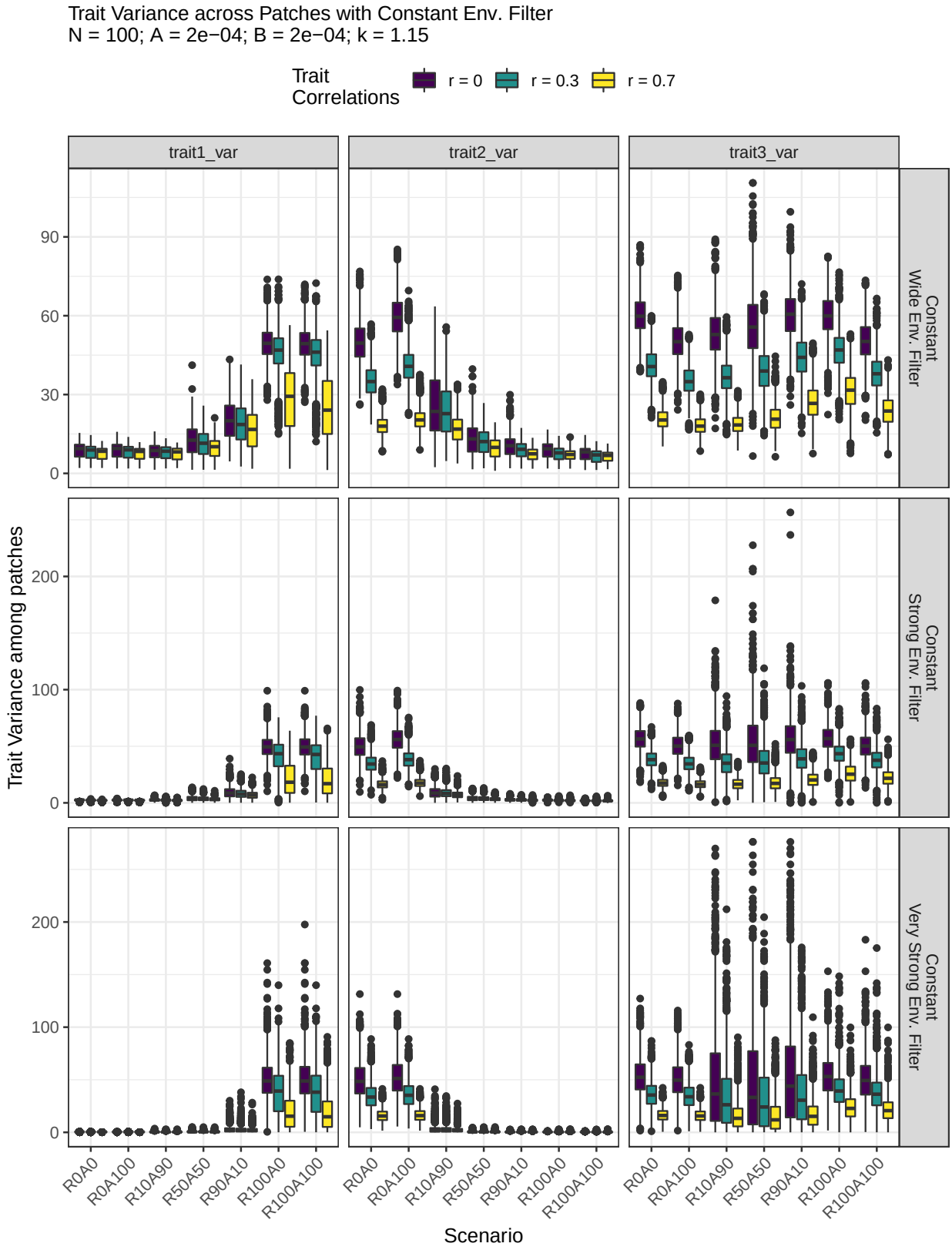
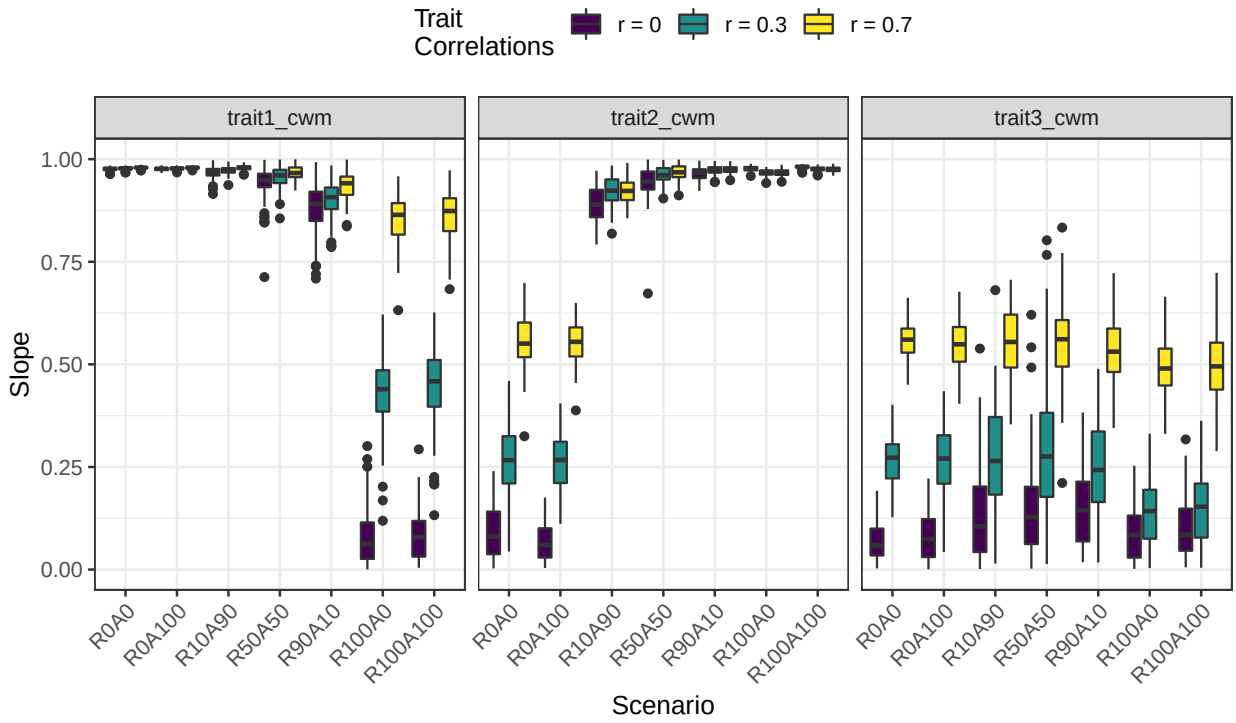

CWM <−> Env. Relationship across N = 100 sets of traits
opaque line = smoothed average
background lines = individual simulations
Correlation
r = 0
r = 0.3
r = 0.7
R0A0
R0A100
R10A90
R50A50
R90A10
R100A0
R100A100
Constant Wide Env. Filter
Constant Strong Env. Filter
Constant Very Strong Env. Filter
Increasing Filter Strength
Trait 2 CWM
Environment
0
5
10
15
20
25

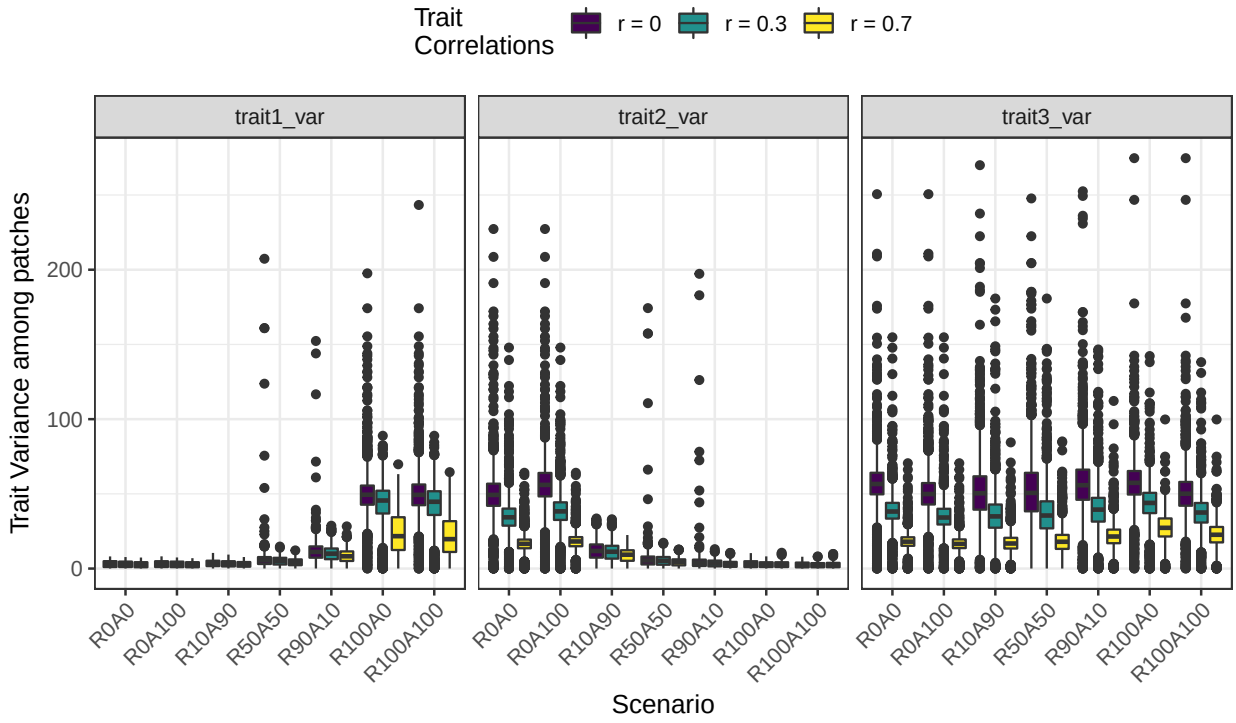

Slope of Trait 2 CWM ~ environment with Constant Env. Filter
N = 100; A = 2e−04; B = 2e−04; k = 1.15
Trait Correlations
r = 0
r = 0.3
r = 0.7
trait1_cwm
trait2_cwm
trait3_cwm
Constant Wide Env. Filter
Constant Strong Env. Filter
Constant Very Strong Env. Filter
Slope
1.00
0.75
0.50
0.25
0.00
R0A0
R0A100
R10A90
R50A50
R90A10
R100A0
R100A100
Scenario


Trait Variance across Patches with Constant Env. Filter
N = 100; A = 2e−04; B = 2e−04; k = 1.15
Trait Correlations
r = 0
r = 0.3
r = 0.7
trait1_var
trait2_var
trait3_var
Constant Wide Env. Filter
Constant Strong Env. Filter
Constant Very Strong Env. Filter
Trait Variance among patches
0
30
60
90
100
200
R0A0
R0A100
R10A90
R50A50
R90A10
R100A0
R100A100
Scenario

Slope of Trait 2 CWM ~ environment with Constant Env. Filter
N = 100; A = 2e−04; B = 2e−04; k = 1.15



Trait Variance across Patches with Constant Env. Filter
N = 100; A = 2e−04; B = 2e−04; k = 1.15



We want to follow the dynamics through time to understand the variation in Rsquare