```
Process order: 1
TransferInput#0
Before:   reach definitions = none
~~~~~~~~
          <entry>
```

EACH_TO_EACH

```
Process order: 2
TransferInput#1
Before:   reach definitions = none
~~~~~~~~
a   [ VariableDeclaration ]
1   [ IntegerLiteral ]
a = 1   [ Assignment ]
b   [ VariableDeclaration ]
2   [ IntegerLiteral ]
b = 2   [ Assignment ]
c   [ VariableDeclaration ]
3   [ IntegerLiteral ]
c = 3   [ Assignment ]
a   [ LocalVariable ]
0   [ IntegerLiteral ]
(a > 0)   [ GreaterThan ]
~~~~~~~~
AnalysisResult#1
After:   reach definitions = a = 1, b = 2, c = 3
```

EACH_TO_EACH

```
Process order: 3
TransferInput#15
Before:   reach definitions = a = 1, b = 2, c = 3
~~~~~~~~
```

THEN_TO_BOTH   ELSE_TO_BOTH

```
Process order: 4
TransferInput#17
Before:   reach definitions = a = 1, b = 2, c = 3
~~~~~~~~
d   [ VariableDeclaration ]
a   [ LocalVariable ]
c   [ LocalVariable ]
(a + c)   [ NumericalAddition ]
d = (a + c)   [ Assignment ]
~~~~~~~~
AnalysisResult#3
After:   reach definitions = d = (a + c), a = 1, b = 2, c = 3
```

```
Process order: 5
TransferInput#18
Before:   reach definitions = a = 1, b = 2, c = 3
~~~~~~~~
e   [ VariableDeclaration ]
a   [ LocalVariable ]
b   [ LocalVariable ]
(a + b)   [ NumericalAddition ]
e = (a + b)   [ Assignment ]
~~~~~~~~
AnalysisResult#5
After:   reach definitions = a = 1, b = 2, c = 3, e = (a + b)
```

EACH_TO_EACH   EACH_TO_EACH

```
Process order: 6
TransferInput#32
Before:   reach definitions = d = (a + c), a = 1, b = 2, c = 3, e = (a + b)
~~~~~~~~
b   [ LocalVariable ]
0   [ IntegerLiteral ]
b = 0   [ Assignment ]
expression statement b = 0   [ ExpressionStatement ]
a   [ LocalVariable ]
b   [ LocalVariable ]
a = b   [ Assignment ]
expression statement a = b   [ ExpressionStatement ]
a   [ LocalVariable ]
return a   [ Return ]
~~~~~~~~
AnalysisResult#7
After:   reach definitions = d = (a + c), b = 0, a = b, c = 3, e = (a + b)
```

EACH_TO_EACH

```
Process order: 7
TransferInput#44
Before:   reach definitions = d = (a + c), b = 0, a = b, c = 3, e = (a + b)
~~~~~~~~
          <exit>
```