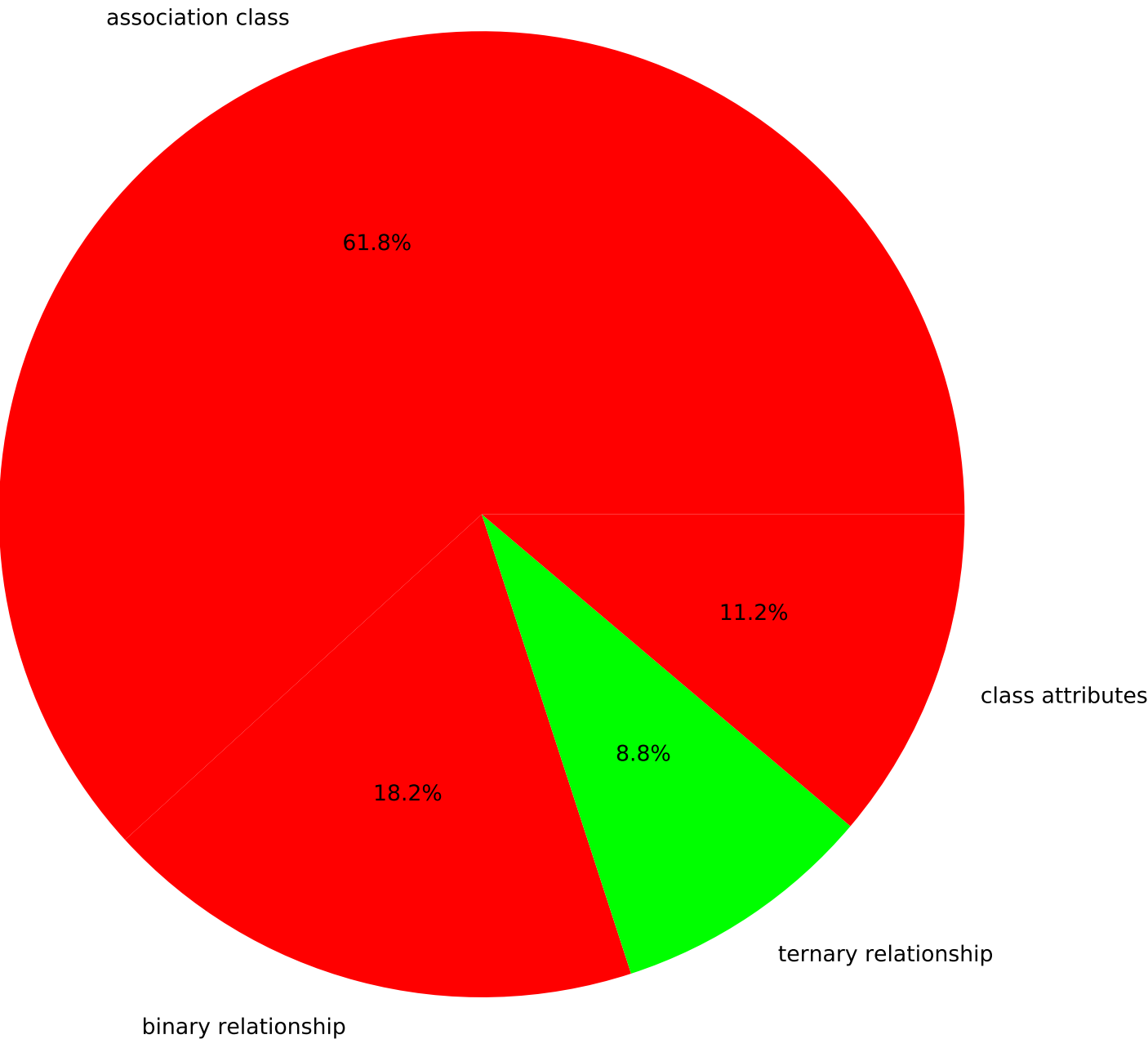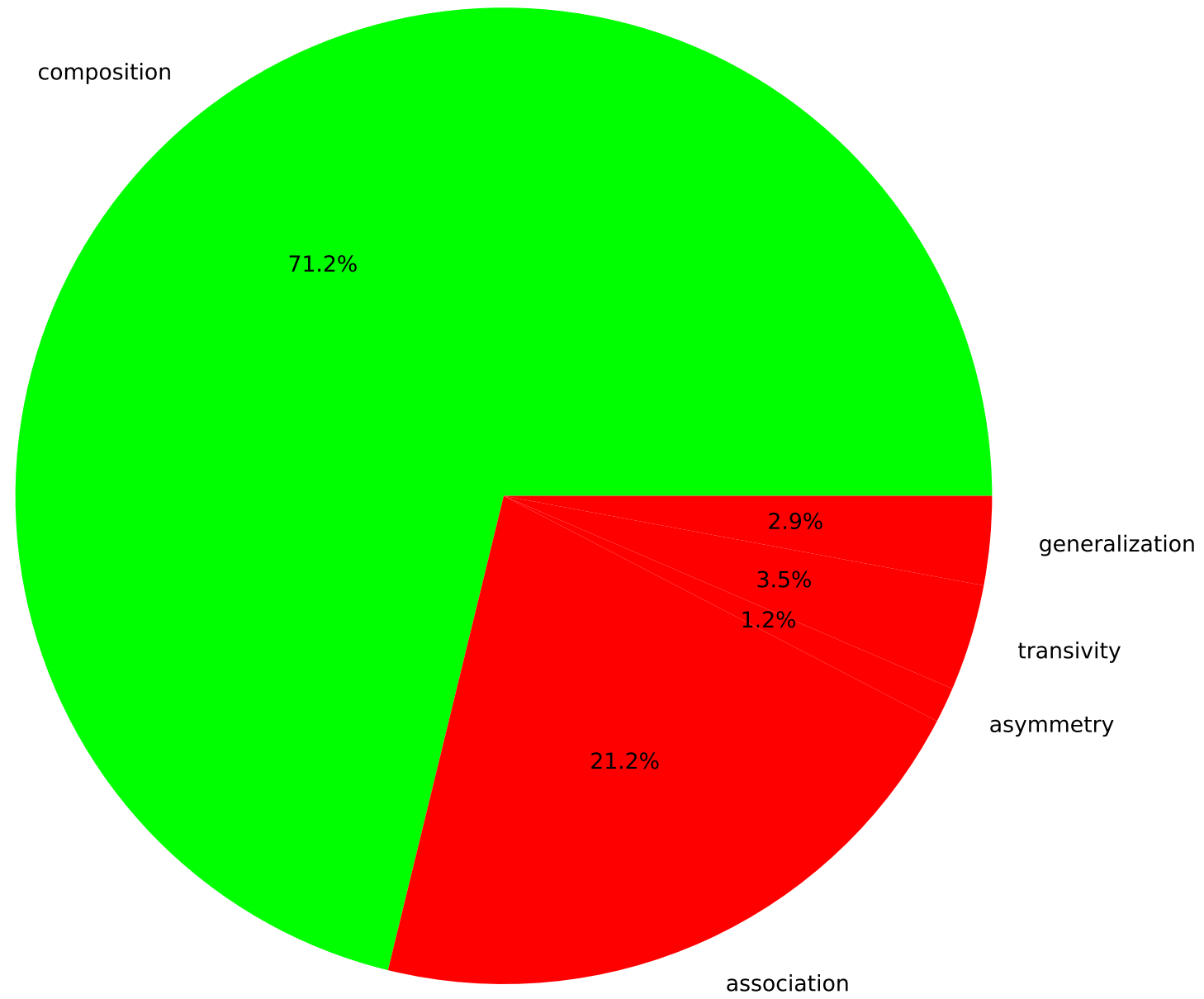How do you model the following situation with a UML class diagram: A season worker may be employed in one or several seasons the beginning and the end of each employment period is saved

association class

61.8%

class attributes
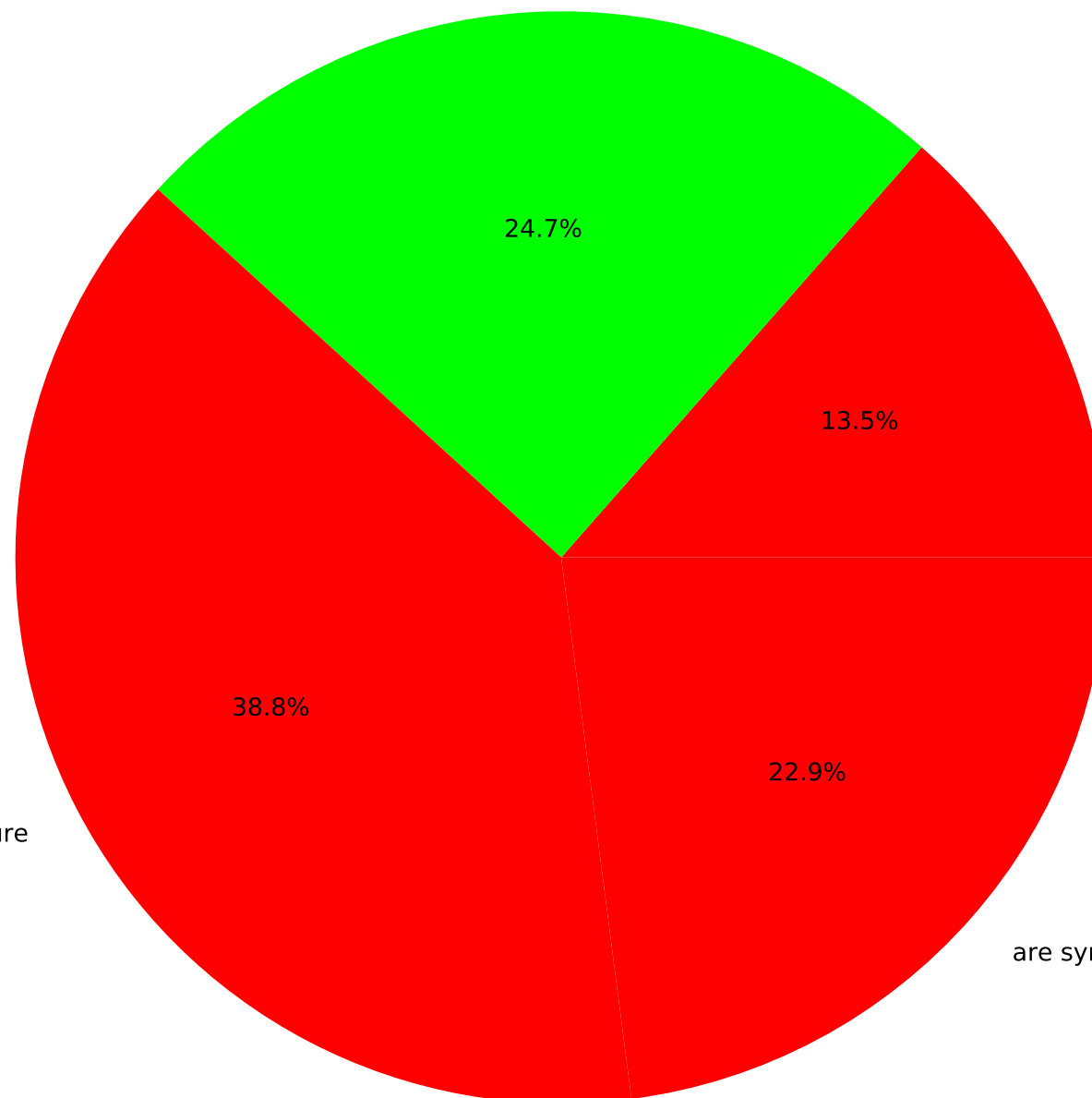
11.2%

ternary relationship

8.8%

binary relationship

18.2%

What is a synonym for strong aggregation?

composition — 71.2%

generalization — 2.9%

transivity — 3.5%

asymmetry — 1.2%

association — 21.2%

In Java primitive data types ...

cannot have operations

24.7%

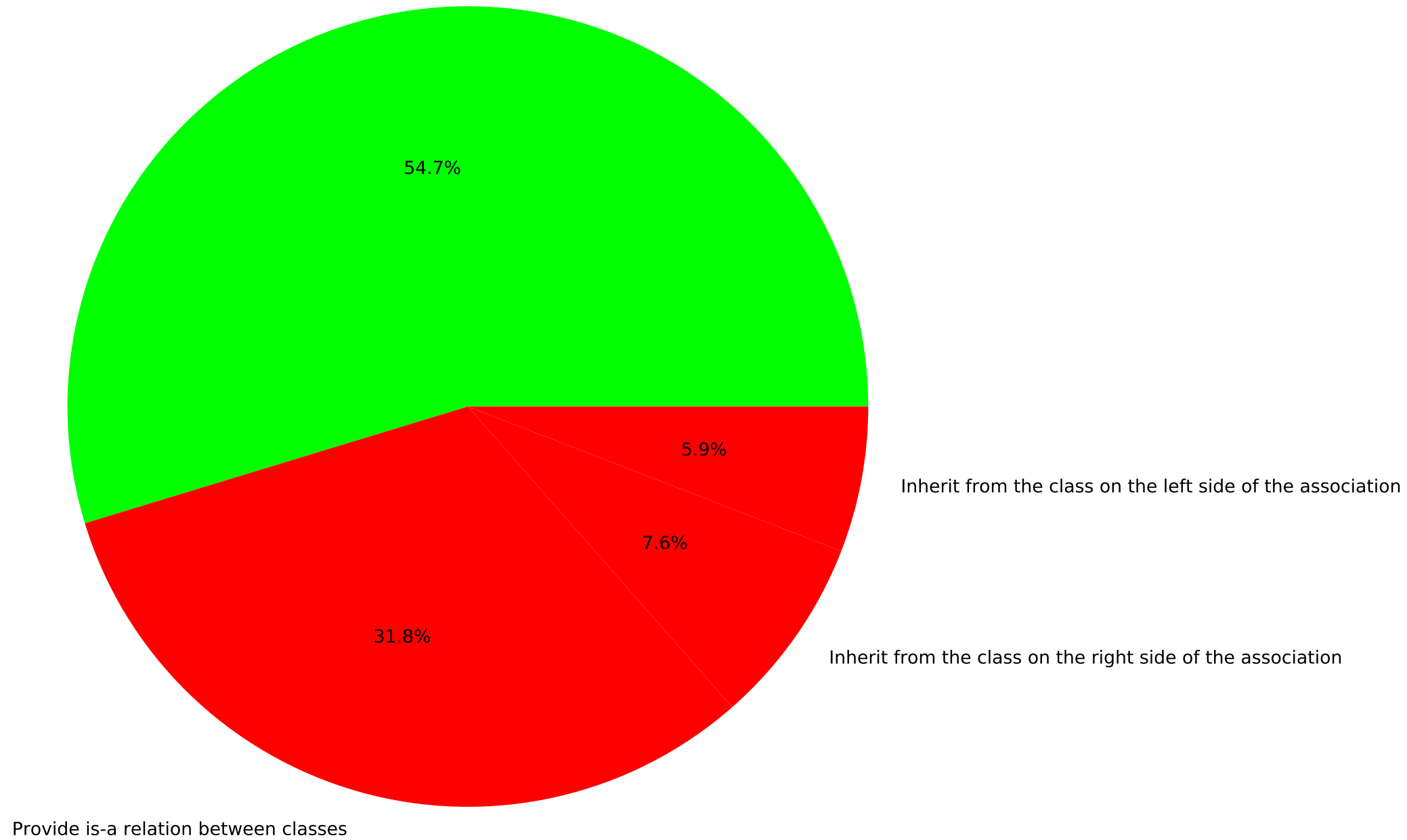can only be defined as static variables

13.5%

have no internal structure

38.8%

22.9%

are synonyms for classes

Association classes are used to ...

Encapsulate association specific attributes and operations

54.7%

5.9%

Inherit from the class on the left side of the association

7.6%

31.8%

Inherit from the class on the right side of the association

Provide is-a relation between classes
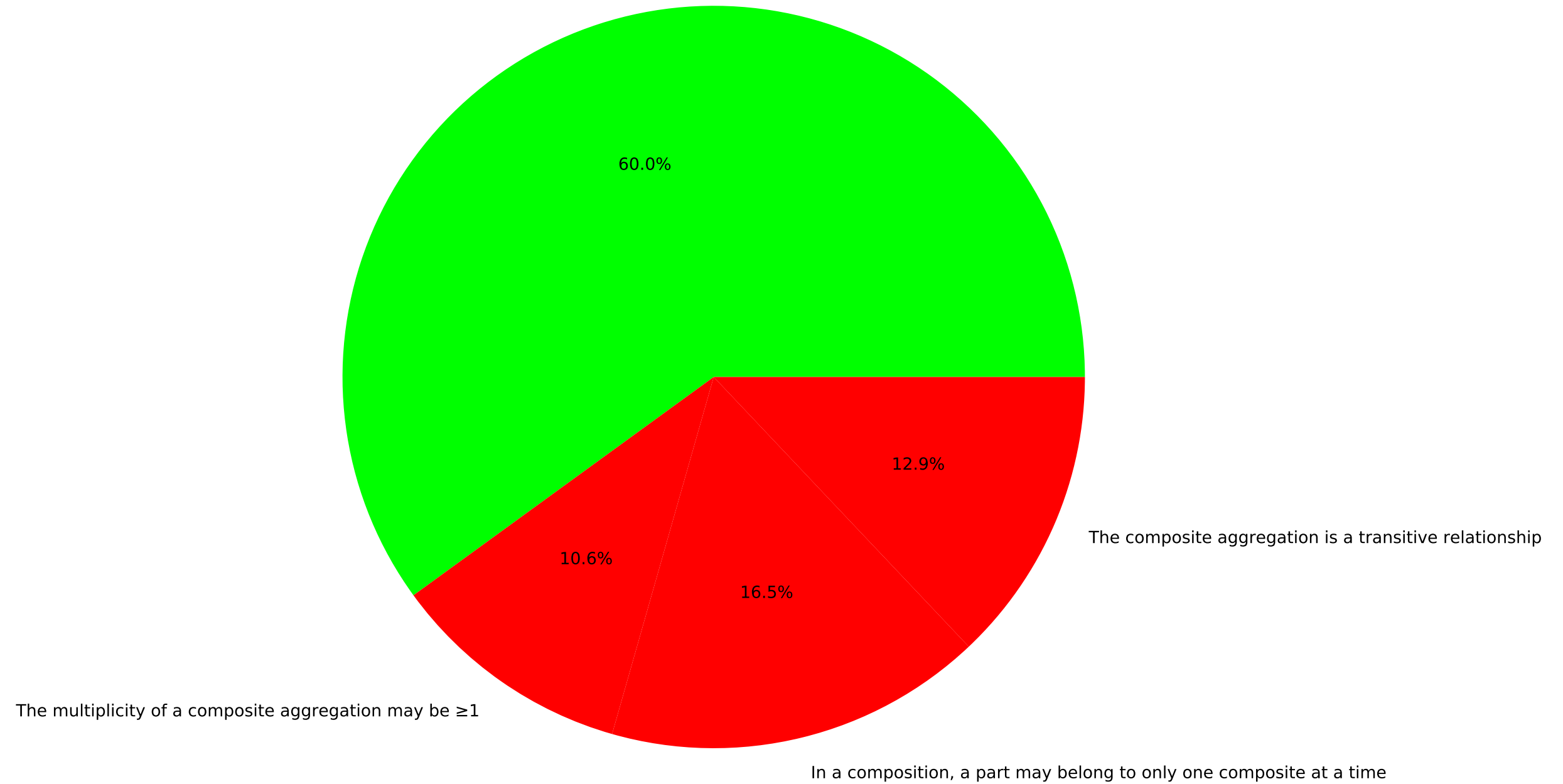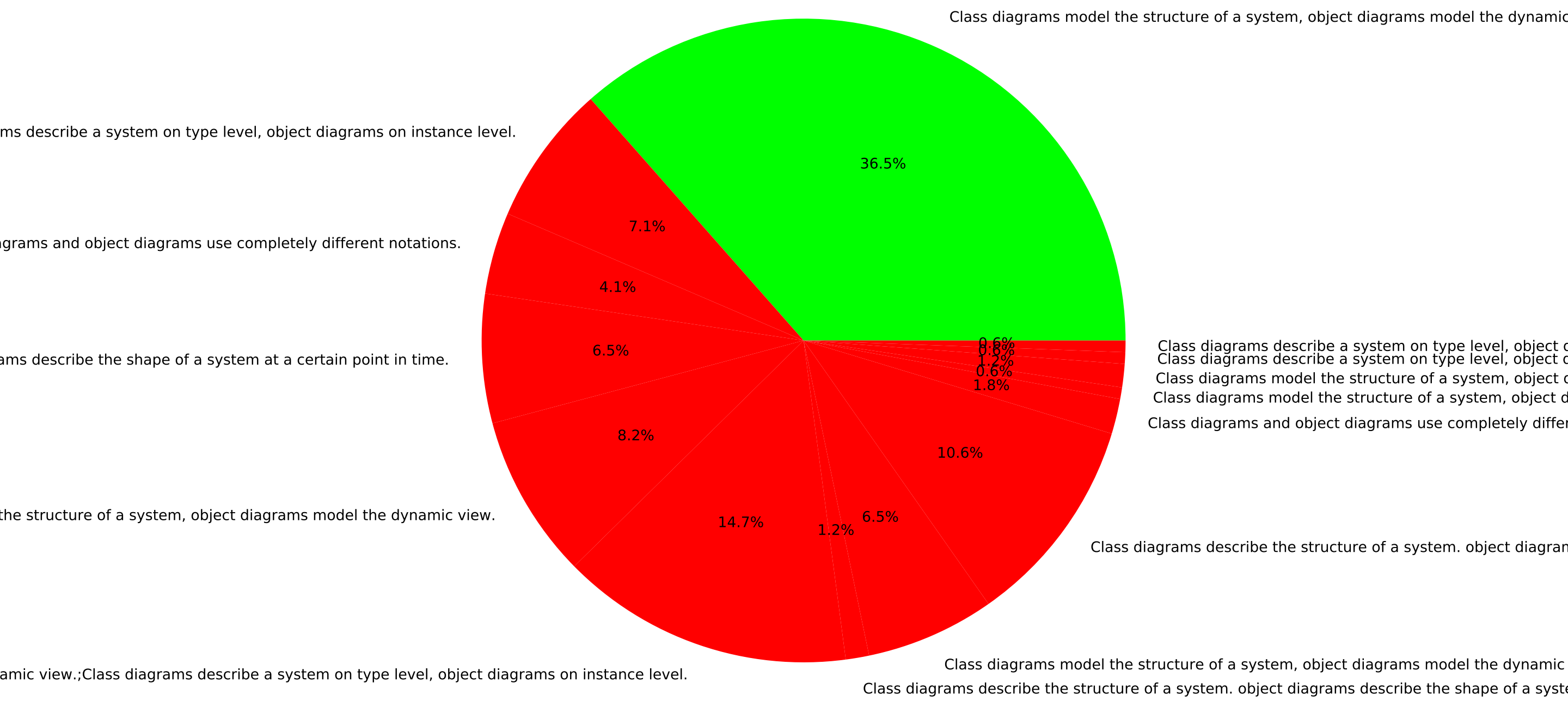
An aggregation is a special ...
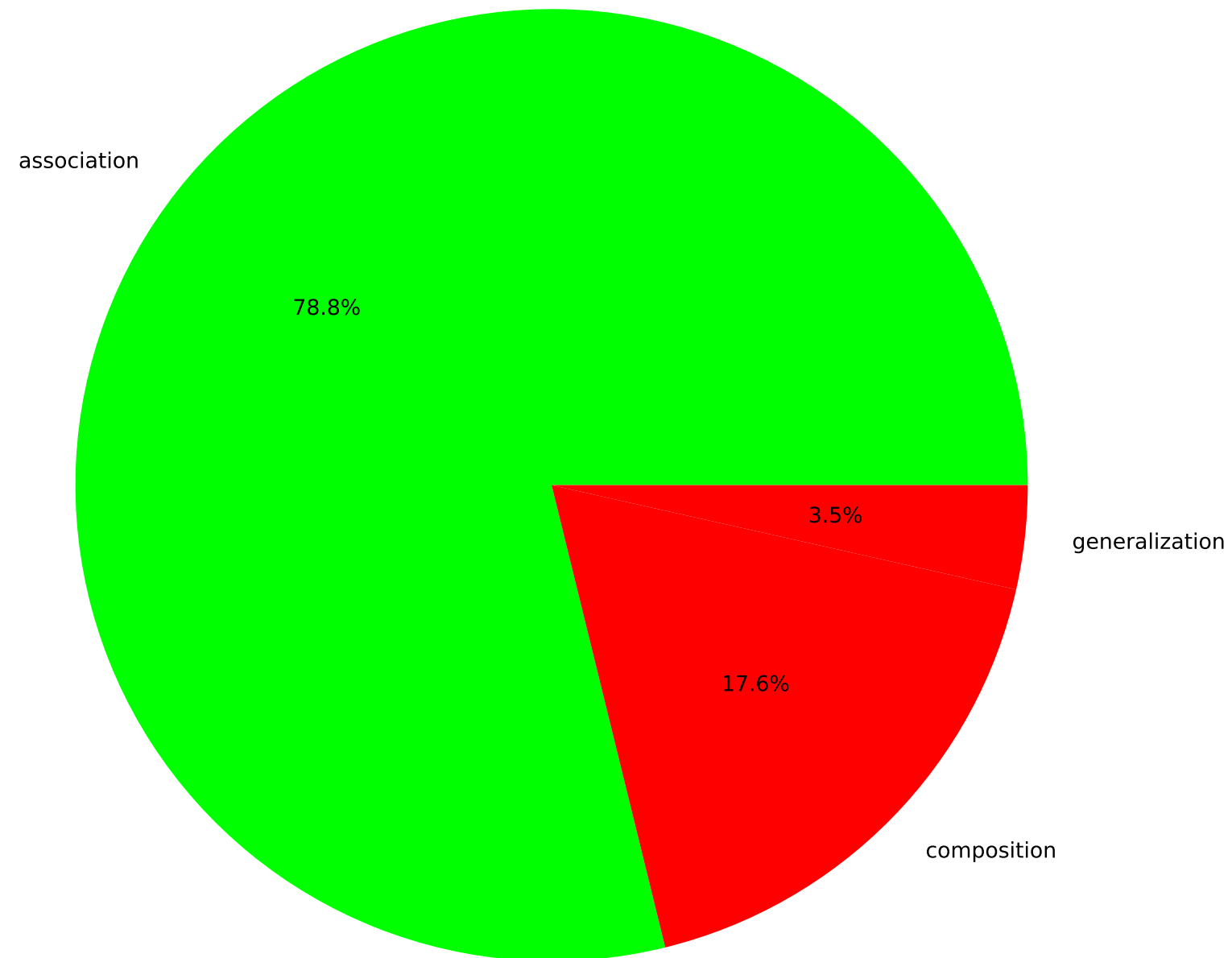
Which of the following statements about compositions (composite aggregations) are true?

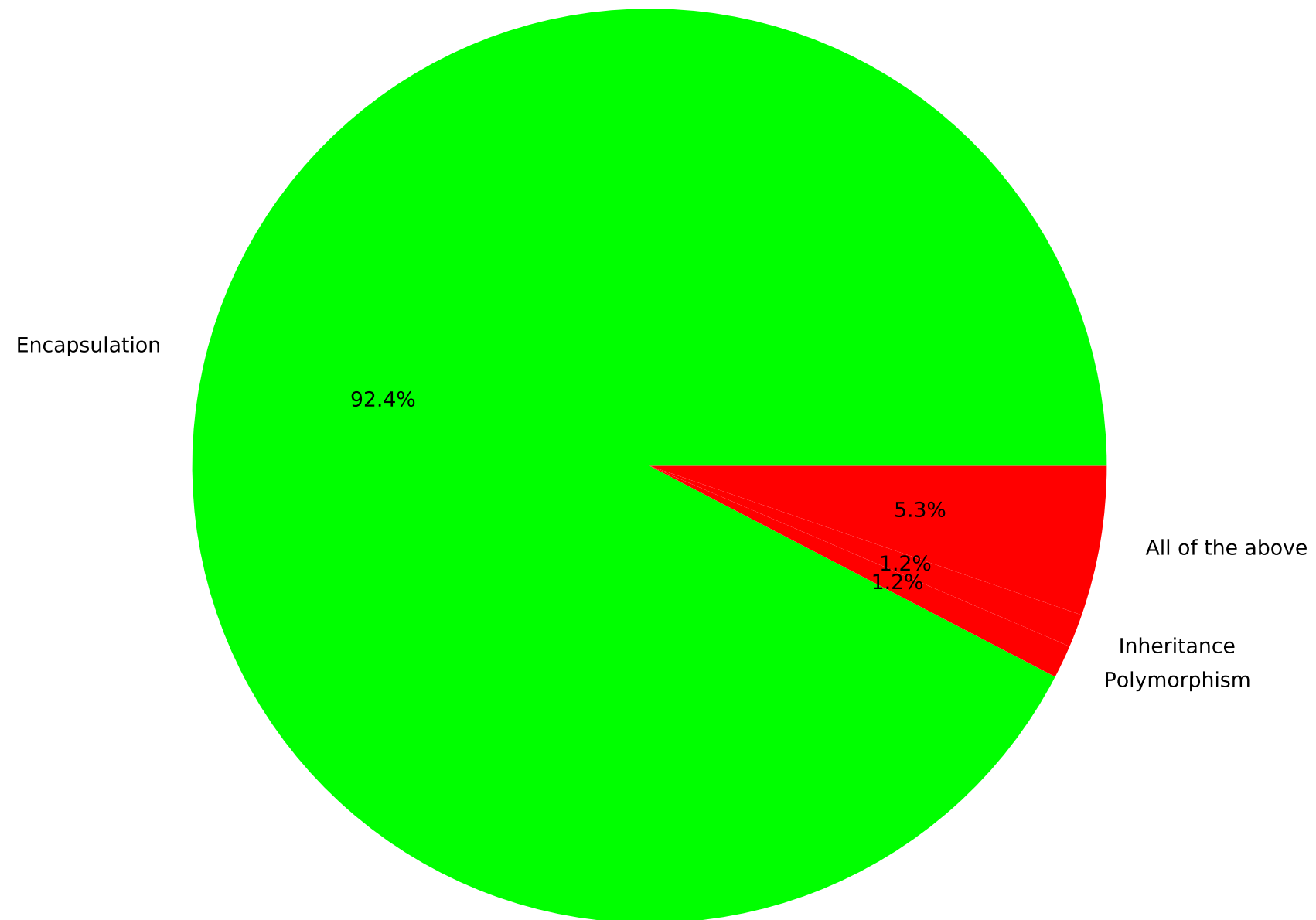When the composite element is deleted, the parts also die

60.0%

12.9%

The composite aggregation is a transitive relationship

10.6%

16.5%

The multiplicity of a composite aggregation may be ≥1

In a composition, a part may belong to only one composite at a time

Which of the following differences between class diagrams and object diagrams are true?

Class diagrams model the structure of a system, object diagrams model the dynamic

36.5%

...ms describe a system on type level, object diagrams on instance level.

7.1%

...grams and object diagrams use completely different notations.

4.1%

...ms describe the shape of a system at a certain point in time.

6.5%

...the structure of a system, object diagrams model the dynamic view.

8.2%

14.7%

1.2%

6.5%

10.6%

1.8%
0.6%
0.6%
1.2%
0.8%
0.6%

Class diagrams describe a system on type level, object d...
Class diagrams describe a system on type level, object d...
Class diagrams model the structure of a system, object d...
Class diagrams model the structure of a system, object d...
Class diagrams and object diagrams use completely differ...

Class diagrams describe the structure of a system. object diagram...

...amic view.;Class diagrams describe a system on type level, object diagrams on instance level.

Class diagrams model the structure of a system, object diagrams model the dynamic

Class diagrams describe the structure of a system. object diagrams describe the shape of a syste...

Which of the following is a technique for hiding the internal implementation details of an object?

Encapsulation

92.4%

5.3%

All of the above

1.2%

1.2%

Inheritance

Polymorphism

A class diagram shows ... view of a system.

- static — 58.2%
- package — 5.3%
- practical — 9.4%
- dynamic — 13.5%
- interaction — 13.5%