

TABLE 14.1 The Advantages of the Object-Oriented Approach

Priority Rank	“Compared to conventional systems development, OOSD is characterized by _____.”	OO Developers Median Belief Strength	Non-OO Developers Median Belief Strength
1	An easier modeling process	6	5
2	Improved modularity of systems	6	5
3	Improved maintainability of systems	6	5
4	Improved quality of systems	6	5
5	More understandable A&D* models	6	4.5
6	Greater stability of designs over time	6	5
7	More flexible/adaptable development	6	5
8	An easier transition between phases	6	5
9	More effective code reuse	6	5
10	Improved communication with developers	5	5
11	Improved productivity of your work	5	4.5
12	More effective A&D model reuse	5	5
13	Greater user satisfaction with systems	5	4
14	Improved communication with users	4	4

Source: R. Johnson, “Ups and Downs of Object-Oriented Systems Development,” *Communications of the ACM*, October 2000, p. 70.

Note: Respondents were asked to rate statements about the possible advantages and disadvantages of OOSD on a seven-point Likert-type scale ranging from 1 = Extremely Strong Disagreement to 7 = Extremely Strong Agreement.

*A&D stands for analysis and design.