

Simulation Software for Statistics Learners (SSSL) - Compiled Report

Four peer reviewers rated each of the following evaluation items. The results below show the averages of their ratings, ranging from the lowest of one star (★= Strongly Disagree) to the most favorable rating of 5 stars (★★★★★=Strongly Agree).

Interface Design

1.The navigation system is easy to use.	★★★★★ ^{3/4}
2.The information, graphics, etc. are uncluttered.	★★★★★ ^{1/4}
3.The Learning Object uses highly readable colours, fonts and text sizes.	★★★★★
Average Rating for The Interface Design*	★★★★★^{1/4}

4.General Comments about the Interface Design (Optional):
Reviewer 1: All displays are quite clear and concise.

Usability

5.The LO has a clear set of instructions which support the user's needs well.	★★★★★ ^{1/4}
6.Manipulating and entering content into the LO is straightforward.	★★★★★ ^{1/4}
7.Graphs are generated easily and smoothly.	★★★★★
Average Rating for Usability*	★★★★★^{1/4}

8.Comments about the Usability (Optional):
Reviewer 1: The instructions are limited in number and the user manual is simple and well written.

Learning Potential

9.The Learning Object could aid students' understanding of concepts, models, and skills within the topic area.	★★★★★ ^{1/4}
10.Learners are required to use the LO in an interactive way.	★★★★★ ^{1/4}
11.The Learning Object provides the learner with appropriate and useful feedback.	★★★★★
12.The Learning Object has Interdisciplinary applications (i.e. is flexible enough for a variety of content domains).	★★★★★ ^{1/4}
13.I would consider using this tool in the future and/or recommend it to colleagues.	★★★★★ ^{1/2}
Average Rating for The Learning Potential*	★★★★★^{1/4}

14. Comments about the Learning Potential (Optional):
Reviewer 1: A good introduction for students who are not familiar with such concepts.

Quality of the LRC Record

15.Clear information regarding how to obtain a copy of the LO is given within the LRC Record.	★★★★ ^{1/2}
16.The technical requirements detailed in the LRC are accurate.	★★★★★ ^{1/2}
17.The educational aims/goals are well described in the LRC.	★★★★★ ^{1/4}
18.The educational level is clearly identified in the LRC record.	★★★★★ ^{3/4}
19.The author has given enough information in the LRC for users to effectively and efficiently use the Learning Object.	★★★★★ ^{1/4}
20.Overall, the information given in the LRC record accurately matches the Learning Object.	★★★★★ ^{1/4}
Average Rating for The Quality of the LRC Record*	★★★★★^{1/4}

21.Comments about the Resource Record (Optional):
Reviewer 1: Documentation is simple and clear, downloading instructions are also clear.

22.General Comments about the Learning Object (Optional):
Reviewer 1: Goals of the system are clearly stated and achieved. Overall, the system appears to be a good tool for learning the basic concepts of statistical quality control.

Average Overall Rating*	★★★★★^{1/4}
--------------------------------	----------------------------

*Rounded to the nearest 0.25

Simulation Software for Statistics Learners (SSSL) - Reviewer 1

Reviewers were asked to rate each of the following evaluation items. The results below show their ratings ranging from the lowest of one star (★= Strongly Disagree) to the most favorable rating of 5 stars (★★★★★=Strongly Agree).

Interface Design

1.The navigation system is easy to use.	★★★★★
2.The information, graphics, etc. are uncluttered.	★★★★★
3.The Learning Object uses highly readable colours, fonts and text sizes.	★★★★★
Average Rating for The Interface Design*	★★★★★ ^{3/4}

4.General Comments about the Interface Design (Optional):
All displays are quite clear and concise.

Usability

5.The LO has a clear set of instructions which support the user's needs well.	★★★★★
6.Manipulating and entering content into the LO is straightforward.	★★★★★
7.Graphs are generated easily and smoothly.	★★★★★
Average Rating for Usability*	★★★★★ ^{1/4}

8.Comments about the Usability (Optional):
The instructions are limited in number and the user manual is simple and well written.

Learning Potential

the topic area.	★★★★★
10.Learners are required to use the LO in an interactive way.	★★★★★
11.The Learning Object provides the learner with appropriate and useful feedback.	★★★★★
12.The Learning Object has Interdisciplinary applications (i.e. is flexible enough for a variety of content domains).	★★★★★
13.I would consider using this tool in the future and/or recommend it to colleagues.	★★★★★
Average Rating for The Learning Potential*	★★★★★ ^{1/2}

14.Comments about the Learning Potential (Optional):
A good introduction for students who are not familiar with such concepts.

Quality of the LRC Record

15.Clear information regarding how to obtain a copy of the LO is given within the LRC Record.	★★★★★
16.The technical requirements detailed in the LRC are accurate.	★★★★★
17.The educational aims/goals are well described in the LRC.	★★★★★
18.The educational level is clearly identified in the LRC record.	★★★★★
19.The author has given enough information in the LRC for users to effectively and efficiently use the Learning Object.	★★★★★
20.Overall, the information given in the LRC record accurately matches the Learning Object.	★★★★★
Average Rating for The Quality of the LRC Record*	★★★★★ ^{1/4}

21.Comments about the Resource Record (Optional):
Documentation is simple and clear, downloading instructions are also clear.

General Comments

22.General Comments about the Learning Object (Optional):
Goals of the system are clearly stated and achieved. Overall, the system appears to be a good tool for learning the basic concepts of statistical quality control.

Average Overall Rating*	★★★★★ ^{1/2}
--------------------------------	----------------------

*Rounded to the nearest 0.25

Simulation Software for Statistics Learners (SSSL) - Reviewer 2

Reviewers were asked to rate each of the following evaluation items. The results below show their ratings ranging from the lowest of one star (★= Strongly Disagree) to the most favorable rating of 5 stars (★★★★★=Strongly Agree).

Interface Design

1.The navigation system is easy to use.	★★★★★
2.The information, graphics, etc. are uncluttered.	★★★★★
3.The Learning Object uses highly readable colours, fonts and text sizes.	★★★★★
Average Rating for The Interface Design*	★★★★★ ^{1/4}
4.General Comments about the Interface Design (Optional):	

Usability

5.The LO has a clear set of instructions which support the user's needs well.	★★★★★
6.Manipulating and entering content into the LO is straightforward.	★★★★★
7.Graphs are generated easily and smoothly.	★★★★★
Average Rating for Usability*	★★★★★
8.Comments about the Usability (Optional):	

Learning Potential

9.The Learning Object could aid students' understanding of concepts, models, and skills within the topic area.	★★★★★
10.Learners are required to use the LO in an interactive way.	★★★★★
11.The Learning Object provides the learner with appropriate and useful feedback.	★★★★★
12.The Learning Object has Interdisciplinary applications (i.e. is flexible enough for a variety of content domains).	★★★★★
13.I would consider using this tool in the future and/or recommend it to colleagues.	★★★★★
Average Rating for The Learning Potential*	★★★★★ ^{1/4}
14.Comments about the Learning Potential (Optional):	

Quality of the LRC Record

15.Clear information regarding how to obtain a copy of the LO is given within the LRC Record.	★★★★★
16.The technical requirements detailed in the LRC are accurate.	★★★★★
17.The educational aims/goals are well described in the LRC.	★★★★★
18.The educational level is clearly identified in the LRC record.	★★★★★
19.The author has given enough information in the LRC for users to effectively and efficiently use the Learning Object.	★★★★★
20.Overall, the information given in the LRC record accurately matches the Learning Object.	★★★★★
Average Rating for The Quality of the LRC Record*	★★★★★ ^{1/4}
21.Comments about the Resource Record (Optional):	

General Comments

22.General Comments about the Learning Object (Optional):	
Average Overall Rating*	★★★★★ ^{1/4}

*Rounded to the nearest 0.25

Simulation Software for Statistics Learners (SSSL) - Reviewer 3

Reviewers were asked to rate each of the following evaluation items. The results below show their ratings ranging from the lowest of one star (★= Strongly Disagree) to the most favorable rating of 5 stars (★★★★★=Strongly Agree).

Interface Design

1.The navigation system is easy to use.	★★★★
2.The information, graphics, etc. are uncluttered.	★★★★
3.The Learning Object uses highly readable colours, fonts and text sizes.	★★★★
Average Rating for The Interface Design*	★★★★
4.General Comments about the Interface Design (Optional):	

Usability

5.The LO has a clear set of instructions which support the user's needs well.	★★★
6.Manipulating and entering content into the LO is straightforward.	★★★★
7.Graphs are generated easily and smoothly.	★★★★
Average Rating for Usability*	★★★★
8.Comments about the Usability (Optional):	

Learning Potential

9.The Learning Object could aid students' understanding of concepts, models, and skills within the topic area.	★★★
10.Learners are required to use the LO in an interactive way.	★★★★
11.The Learning Object provides the learner with appropriate and useful feedback.	★★★★
12.The Learning Object has Interdisciplinary applications (i.e. is flexible enough for a variety of content domains).	★★★★
13.I would consider using this tool in the future and/or recommend it to colleagues.	★★★★
Average Rating for The Learning Potential*	★★★ ^{3/4}
14.Comments about the Learning Potential (Optional):	

Quality of the LRC Record

15.Clear information regarding how to obtain a copy of the LO is given within the LRC Record.	★★
16.The technical requirements detailed in the LRC are accurate.	★★★★
17.The educational aims/goals are well described in the LRC.	★★★★
18.The educational level is clearly identified in the LRC record.	
19.The author has given enough information in the LRC for users to effectively and efficiently use the Learning Object.	★★★
20.Overall, the information given in the LRC record accurately matches the Learning Object.	★★★★
Average Rating for The Quality of the LRC Record*	★★★ ^{1/2}
21.Comments about the Resource Record (Optional):	

General Comments

22.General Comments about the Learning Object (Optional):	
Average Overall Rating*	★★★ ^{3/4}

*Rounded to the nearest 0.25

Simulation Software for Statistics Learners (SSSL) - Reviewer 4

Reviewers were asked to rate each of the following evaluation items. The results below show their ratings ranging from the lowest of one star (★= Strongly Disagree) to the most favorable rating of 5 stars (★★★★★=Strongly Agree).

Interface Design

1.The navigation system is easy to use.	★★★★★
2.The information, graphics, etc. are uncluttered.	★★★★★
3.The Learning Object uses highly readable colours, fonts and text sizes.	★★★★★
Average Rating for The Interface Design*	★★★★★ ^{1/4}
4.General Comments about the Interface Design (Optional):	

Usability

5.The LO has a clear set of instructions which support the user's needs well.	★★★★★
6.Manipulating and entering content into the LO is straightforward.	★★★★★
7.Graphs are generated easily and smoothly.	★★★★★
Average Rating for Usability*	★★★★★
8.Comments about the Usability (Optional):	

Learning Potential

9.The Learning Object could aid students' understanding of concepts, models, and skills within the topic area.	★★★★★
10.Learners are required to use the LO in an interactive way.	★★★★★
11.The Learning Object provides the learner with appropriate and useful feedback.	★★★★★
12.The Learning Object has Interdisciplinary applications (i.e. is flexible enough for a variety of content domains).	★★★★★
13.I would consider using this tool in the future and/or recommend it to colleagues.	★★★★★
Average Rating for The Learning Potential*	★★★★★ ^{1/2}
14.Comments about the Learning Potential (Optional):	

Quality of the LRC Record

15.Clear information regarding how to obtain a copy of the LO is given within the LRC Record.	★★★★★
16.The technical requirements detailed in the LRC are accurate.	★★★★★
17.The educational aims/goals are well described in the LRC.	★★★★★
18.The educational level is clearly identified in the LRC record.	★★★★★
19.The author has given enough information in the LRC for users to effectively and efficiently use the Learning Object.	★★★★★
20.Overall, the information given in the LRC record accurately matches the Learning Object.	★★★★★
Average Rating for The Quality of the LRC Record*	★★★★★ ^{3/4}
21.Comments about the Resource Record (Optional):	

General Comments

22.General Comments about the Learning Object (Optional):	
Average Overall Rating*	★★★★★ ^{3/4}

*Rounded to the nearest 0.25