The Continuing Adventures of Library Learning Analytics: Exploring the Relationship between Library Skills Training and Student Success.

Conference or Workshop Item

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The Continuing Adventures of Library Learning Analytics: Exploring the Relationship between Library Skills Training and Student Success.

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(in Stats)

- 49 2/3
- 173,000
- 180 & 600
- 87%
- 78
- 70% & 100%
- 24/7
What is the relationship between students attending online library training sessions and their attainment scores?
Why?

- Stakeholder Advocacy
- Supporting Institutional Strategic Aims
- Service Promotion
- Impact Visibility
- Improving Student Success
Our Training Sessions

**Generic**
- Any Student
- 5 standalone sessions
- Run throughout the year

**Targeted at Module**
- Specific class of students
- Scheduled into curriculum
- Standalone session

**Targeted at Assignment**
- Specific class of students
- Scheduled into curriculum
- Informing a specific assignment
How

Student

Pass with Distinction
Pass
Fail

Assessment Score

Module Score
Assignment Score

Attended Live
Watched Recording
Did not engage
A higher proportion of students engaging with Library training sessions gain distinctions.
Generic

Students who attend live sessions on average have a higher assessment and exam score.

Generic Training Sessions
Students who started studying in October 2017

Continuous Assessment Score (ave)  Overall Exam Score (Ave)

- Attended any live
- Viewed any recording
- Not engaged with any

Bar chart showing average scores for different engagement levels.
Targeted at Module: Same pattern as the generic sessions, more students are gaining distinctions.

**Targeted Training Sessions**  
Students who started studying in October 2017

- **Did not attend (n=4,229)**
  - Distinction %: 10%
  - Pass %: 80%
  - Fail %: 10%

- **Viewed recording only (n=517)**
  - Distinction %: 20%
  - Pass %: 70%
  - Fail %: 10%

- **Attended live only (n=505)**
  - Distinction %: 25%
  - Pass %: 65%
  - Fail %: 10%
Targeted at Assignment

Students attending live sessions had a higher assignment score on average.

Difference between average assignment scores.
Students who started studying in October 2017.

Attended live  Viewed recording  Did not engage
Conclusions

• Students engaging with library training sessions are gaining higher results.

• Live training better than viewing recordings.

• Either is better than neither.
The unanswered questions...

• Are these the motivated, more engaged students?
• Are these the students with higher or lower prior education experience?
• What other factors are impacting on student success?
• How good a predictor of student success is attendance at the library sessions?
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Ethical use of Student Data for Learning Analytics: https://help.open.ac.uk/documents/policies/ethical-use-of-student-data

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