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.

Selena Killick
Richard Nurse
Helen Clough

@SelenaKillick
The Open University
(in Stats)

- $49 \frac{2}{3}$
- 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

<table>
<thead>
<tr>
<th>Generic</th>
<th>Targeted at Module</th>
<th>Targeted at Assignment</th>
</tr>
</thead>
</table>
| • Any Student  
  • 5 standalone sessions  
  • Run throughout the year | • Specific class of students  
  • Scheduled into curriculum  
  • Standalone session | • Specific class of students  
  • Scheduled into curriculum  
  • Informing a specific assignment |
How

Student

Assessment Score

Module Score

Assignment Score

Attended Live

Watched Recording

Did not engage

Pass with Distinction

Pass

Fail

Did not engage
A higher proportion of students engaging with Library training sessions gain distinctions.
Students who attend live sessions on average have a higher assessment and exam score.
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)
- Viewed recording only (n=517)
- Attended live only (n=505)

- Distinction %
- Pass %
- Fail %
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.
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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• Helen Clough

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Thank you

Ethical use of Student Data for Learning Analytics: https://help.open.ac.uk/documents/policies/ethical-use-of-student-data

Selena Killick
Senior Library Manager (Engagement & Insight)

Selena.Killick@open.ac.uk

@SelenaKillick