Investigating the efficacy of a PELA at Bond University

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Who is Bond University?

- Small private Uni
- Gold Coast, QLD
- Approx 4,000 students
  - 70% domestic
  - 30% international
The Bond situation

- 3 full semesters
- SLS open to all students
- All undergrads do PELA through Core 1 (Critical Thinking & Communication) in 1st semester of study
Bond's PELA - The BELA

Why?

- GPPs
- Graduate Attributes
- Recognition of need to identify & support all students, especially those at risk of failing
Bond English Language Assessment (BELA)

What?

• Online task through Blackboard—simple academic style essay
• 60 minute time limit
• Compulsory homework worth 2%
• Marked by Core 1 tutors using simple criteria
• Feedback sheet available to students online
## BELA Marking Criteria

<table>
<thead>
<tr>
<th>Category</th>
<th>Below satisfactory</th>
<th>Satisfactory</th>
</tr>
</thead>
<tbody>
<tr>
<td>Organisation</td>
<td>Marks: 11.11 (11.11%)</td>
<td>Marks: 33.33 (33.33%)</td>
</tr>
<tr>
<td>Linking and flow</td>
<td>Marks: 11.11 (11.11%)</td>
<td>Marks: 33.33 (33.33%)</td>
</tr>
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<td></td>
<td>Inadequate or inaccurate use of cohesive devices. Poor punctuation. Longer sentences tend to be incoherent. Reader has difficulty following the ideas.</td>
<td>Satisfactory use of cohesive devices. Punctuation generally correct, although there may be some omissions or misuse. Longer sentences generally coherent. Reader can follow the ideas without strain.</td>
</tr>
<tr>
<td>Grammar &amp; vocabulary</td>
<td>Marks: 11.11 (11.11%)</td>
<td>Marks: 33.33 (33.33%)</td>
</tr>
<tr>
<td></td>
<td>Frequent grammatical errors. Limited range of vocabulary, with frequent errors in word choice or word formation. Mixture of formal and informal styles. Errors cause strain on the reader.</td>
<td>A variety of complex structures. The majority of sentences are error free. Wide range of vocabulary, despite the occasional error in word choice, spelling or word formation. The occasional slip in terms of formal style.</td>
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</tbody>
</table>
Outcome of BELA results

- BELA score 3 or 5 (Below satisfactory):
  - Must attend consultation at SLS to receive 2% homework mark

- BELA score 7 (Satisfactory):
  - Recommended to attend consultation at SLS

- BELA score 9 (Above satisfactory):
  - No action required
Follow up

At end of semester, students invited to:

• take BELA 2 (another question)
• participate in focus group
• respond to survey via Survey Monkey
Aim of study

- To investigate the efficacy of BELA in assisting with the instruction of written communication skills

3 semesters
849 students
How?

• Quantitative data analysis:
  H1: BELA 1 vs. BELA 2
  H2: SLS attendance and Major Essay grades
  H3: BELA and overall grade in subject
  H4: Failure rate for students who did not complete BELA

• Qualitative analysis:
  • Surveys
  • Focus groups
1. In comparison to BELA 1 scores, there will be an improvement in the BELA 2 scores of students in the ‘Satisfactory’ (score of 7) and ‘Below satisfactory’ (score of either 3 or 5) groups who attended two or more consultations at SLS.

Supported. Correlation of 0.57

But...

- Only 15 students
- Control group (less than 2 appts; 10 students) = correlation of 0.53
Hypothesis 2: SLS attendance & essay grade

2. Students who attend at least one appointment at SLS would, on average, perform better in their Core 1 Major Essays.

![Bar chart showing average grades for Core 1 Major Essay of students who attended SLS appointments and those that did not. The chart compares "Above satisfactory" i.e. BELA 9, "Satisfactory" i.e. BELA 7, and "Below satisfactory" i.e. BELA 3 & 5 grades for both attended and did not attend SLS. The chart includes the following data points:
- "Above satisfactory" i.e. BELA 9: 71% attended, 68% did not attend
- "Satisfactory" i.e. BELA 7: 67% attended, 65% did not attend
- "Below satisfactory" i.e. BELA 3 & 5: 57% attended, 53% did not attend.}
Hypothesis 3: BELA & overall grade

3. For students who completed BELA, there would be an overall correlation between BELA score and overall grade in the subject.

Supported. Correlation of 0.38

Correlation between BELA Score and Overall grade

<table>
<thead>
<tr>
<th>BELA score</th>
<th>3s</th>
<th>5s</th>
<th>7s</th>
<th>9s</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>343</td>
<td>138</td>
<td>218</td>
<td>58</td>
</tr>
</tbody>
</table>
Hypothesis 4: failure rate & did not complete

4. Students who did not complete BELA (Score 0) were more likely to fail the subject than those that completed the task.
What did students think about BELA?

- “I think it is good to have a go at writing an essay that doesn't directly affect your grades when you first start your course. I had not written one in 4 years, therefore I had very little skills in writing. When I was handed my first piece of assessment I was more confident I knew what I had to do.”
- “It was easy to do and didn't take long and helped heaps.”
- “Was a good way to see how i am going before completing assessments”
What did students think about BELA?

• “It wasn't anything spectacular. I did it because I needed to. It would be important though for finding students who need help.”

• “Wasn't really a fan of the BELA task. I'm a strong believer that if an individual wants to improve themself, they need to be independent in doing so.”

• “I feel that the service would be better if it provided more specific feedback.”
What we learned from feedback

<table>
<thead>
<tr>
<th>Importance of terminology</th>
<th>• Test v. task</th>
</tr>
</thead>
<tbody>
<tr>
<td>Influence of time factor</td>
<td>• Increase from 40 to 60 mins</td>
</tr>
<tr>
<td>Pre-emptive support helps</td>
<td>• Top tips</td>
</tr>
<tr>
<td></td>
<td>• Writing masterclass</td>
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</tbody>
</table>
Issues

• Marking criteria
• Small sample size for BELA 2
• Difficulty of getting most 'at risk' students either to do BELA or attend an appointment
• Limitation to written assessment
The wider value of BELA

- Bringing more students into SLS
- Attempting to close the net on students at risk
- Raising awareness among academics & administrators within uni
- Greater co-operation between SLS & academics
- More opportunities for embedding
Future directions

• Find ways to address the zero contingent & bring in the other 35% of 3 & 5 scores
• Improve marking criteria
• Implementation of BELA 2 into Core 3
• Implementation of BELA for post-grad students
• More longitudinal study of students' performance over the whole degree


