WHAT’S IT WORTH?

Quantitative assessment of e-resources by a national consortium
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@msevav
Contents

• What’s CRKN?
• Why quantitative assessment?
• How to get started?
• How to grow an assessment project?
• How to apply assessment results?
• How’s it going so far?
What’s CRKN?

75 Canadian university members providing access for 1.2 million researchers and students

52 licenses with key national and international academic publishers (e.g., Elsevier, Wiley, Taylor & Francis, Springer, etc)

2,616 supported by individualized institutional agreements

$88 MILLION annually in content/license agreements saving members $130 million/year
Why quantitative assessment?
How to get started? Single license pilot

<table>
<thead>
<tr>
<th>Quality</th>
<th>Utility</th>
<th>Cost-effectiveness</th>
</tr>
</thead>
<tbody>
<tr>
<td>Impact factor</td>
<td>Usage</td>
<td>Cost-per-use</td>
</tr>
<tr>
<td>SNIP</td>
<td>Faculty publications*</td>
<td>Cost-per-SNIP</td>
</tr>
</tbody>
</table>

*Faculty publications are indexed in SNIP.
How to get started? Single license pilot

Cost = (Single title list price/Total package price) x Institutional Actual Total Cost

<table>
<thead>
<tr>
<th>Cost for ANZ Journal of Surgery for Institution A</th>
<th>Cost for ANZ Journal of Surgery for Institution H</th>
</tr>
</thead>
<tbody>
<tr>
<td>($1636^1 / $2,256,437^2) x $5,384^3 = $3.90^4</td>
<td>($1636^1 / $2,256,437^2) x $508,098.27^3 = $368.39^4</td>
</tr>
</tbody>
</table>

1) Vendor list price for ANZ Journal of Surgery
2) Sum of list prices of all titles in Big Deal package
3) Institution A’s total package cost
4) Institution A’s cost for ANZ Journal of Surgery

1) Vendor list price for ANZ Journal of Surgery
2) Sum of list prices of all titles in Big Deal package
3) Institution H’s total package cost
4) Institution H’s cost for ANZ Journal of Surgery
How to get started? Single license pilot

Overall Score

Overall Score = \[
\frac{\left(\text{Usage Quartile} \times 2 + \text{Faculty Pub Quartile}\right)/3 + \left(\text{SNIP Quartile} + \text{IF Quartile}\right)/2 + \left(\text{Cost-Per-Use Quartile} + \text{Cost-Per-SNIP Quartile}\right)/2}{3}\]
How to grow? Three-license project

- No more Impact Factor (IF)
- No more faculty publications
- No more Excel spreadsheets!
How to grow? Three-license project
How to grow? Three-license project

PUBLISHER TITLE USE ELSEVIER

- Titles with no use
- Titles with low use (1-9)
- Titles with medium use (10-99)
- Titles with high use (100-999)
- Titles with very high use (1000+)
How to grow? Three-license project

COST PER USE BY SUBJECT

- Veterinary
- Social Sciences
- Psychology
- Physics and Astronomy
- Pharmacology, Toxicology and Pharmaceutics
- Nursing
- Neuroscience
- Medicine
- Mathematics
- Materials Science
- Immunology and Microbiology
- Health Professions
- General
- Environmental Science
- Engineering
How to grow? Three-license project

<table>
<thead>
<tr>
<th>ISSN</th>
<th>Title</th>
<th>Vendor</th>
<th>Subject</th>
<th>Subject Area</th>
<th>SNIP</th>
<th>SJR</th>
<th>List Price</th>
<th>Actual Cost</th>
<th>Vendor Plan</th>
<th>Scholars</th>
<th>Total Use</th>
<th>Cost Per U</th>
<th>Total Score</th>
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<tbody>
<tr>
<td>0001-1541</td>
<td>AIChE Journal</td>
<td>Wiley Online Librar</td>
<td>Chemical Engineer</td>
<td>Chemical Engineering</td>
<td>1.4</td>
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<td>Wiley Online Librar</td>
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<td>0.553</td>
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<td>3</td>
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<td>0001-2998</td>
<td>Seminars in Nuclea</td>
<td>Elsevier</td>
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<td>0001-4575</td>
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<td>Human Factors and Social Sciences</td>
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<td>133</td>
<td>251</td>
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</table>
How to apply? Case examples

ALJC Package not Slated for Renewal

September 18, 2013
As a part of the renewal process, CRKN has been carefully assessing each license being renewed to ensure that efforts are focused on agreements that continue to provide value for members. In this evaluation process conducted by NRT and approved by the Board of Directors, the ALJC Package, provided through Swets, has been identified as a license agreement that will not be renewed for 2014.

CRKN continues to strive to provide its members with a diverse, flexible, and relevant set of content offerings and this.
How to apply? Case examples

Université de Montréal Takes Bold Turn, Terminates Participation in Wiley Online Library License

November 13, 2013

The increasing cost of keeping current with new research has collided with the reality of spending cuts in the educational sector.
How’s it going? Feedback and findings

100 Top ranked journals (JVM)

- SSH Journals: 38
- STM Journals: 62

100 Top journals (usage)

- SSH Journals: 14
- STM Journals: 86

All journals in package sorted by subject area

- SSH Journals: 38%
- STM Journals: 62%
How’s it going? Feedback and findings
Conclusion

Expertise ➔ Technology ➔ Human Resources
Questions?