Document delivery as collection development

Presentation. INFORUM. Praha, May 26th 2015
Outline of lecture

1. PDA at the University of Bergen Library
3. Conclusions
   1. Quantity: Document delivery
   2. Quality: Collection development
What is PDA?

• E-book document delivery system
• «Just in case, just in time»
• Library defined e-book collection accessed through library catalogue.
• Patrons use, library pays.
PDA at the UBL

• Main indicators University of Bergen 2015
  – 14 7900 students
  – 2 137 staff
    • Of which 605 ph.d. students

• Activity stable over time
E-book use vs print use.

• How much is much?
• E-book use numbers combine browsing and borrowing
• The methodological problem
PDA numbers.

Table 1. Ebrary PDA activity at UBL, Jan. 24th 2012 to Dec 31st 2015.

<table>
<thead>
<tr>
<th>Year</th>
<th>Month</th>
<th>Titles acquired</th>
<th>Cost (YS)/title</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>PDA  STL PDA-4 use</td>
<td>Library purchase</td>
</tr>
<tr>
<td>2012</td>
<td>All</td>
<td>207 590 91</td>
<td>86</td>
</tr>
<tr>
<td>2013</td>
<td>All</td>
<td>159 1213 57</td>
<td>165</td>
</tr>
<tr>
<td>2014</td>
<td>Jan</td>
<td>23 102 6</td>
<td>44</td>
</tr>
<tr>
<td></td>
<td>Feb</td>
<td>30 192 9</td>
<td>18</td>
</tr>
<tr>
<td></td>
<td>Mar</td>
<td>46 396 8</td>
<td>28</td>
</tr>
<tr>
<td></td>
<td>Apr</td>
<td>75 574 24</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td>May</td>
<td>65 594 18</td>
<td>21</td>
</tr>
<tr>
<td></td>
<td>Jun</td>
<td>41 364 23</td>
<td>7</td>
</tr>
<tr>
<td></td>
<td>Jul</td>
<td>39 304 17</td>
<td>22</td>
</tr>
<tr>
<td></td>
<td>Aug</td>
<td>40 344 16</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td>Sep</td>
<td>42 476 23</td>
<td>16</td>
</tr>
<tr>
<td></td>
<td>Oct</td>
<td>96 723 45</td>
<td>19</td>
</tr>
<tr>
<td></td>
<td>Nov</td>
<td>70 671 50</td>
<td>13</td>
</tr>
<tr>
<td></td>
<td>Dec</td>
<td>58 442 41</td>
<td>6</td>
</tr>
<tr>
<td>2014</td>
<td>All</td>
<td>625 5182 280</td>
<td>214</td>
</tr>
</tbody>
</table>

Source: Ebrary Orders and PDA trigger reports.

Notes:
- Jan: Max PDA price increased to USD 200,-.
- Mar: PDA catalogue accessible in OPAC and discovery tool
- Jul: STL price raises from major publishers.
The problem of librarian-driven collection development.


<table>
<thead>
<tr>
<th>Library</th>
<th>Titles acquired</th>
<th>Titles lent</th>
<th>All patrons (%)</th>
<th>Institutional patrons (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Humanities</td>
<td>3049</td>
<td>2095</td>
<td>68,7</td>
<td>58,8</td>
</tr>
<tr>
<td>Law</td>
<td>458</td>
<td>315</td>
<td>68,7</td>
<td>59,2</td>
</tr>
<tr>
<td>Medicine et al.</td>
<td>554</td>
<td>438</td>
<td>79,1</td>
<td>75,6</td>
</tr>
<tr>
<td>Psychology et al.</td>
<td>669</td>
<td>554</td>
<td>82,8</td>
<td>70,7</td>
</tr>
<tr>
<td>Science</td>
<td>902</td>
<td>629</td>
<td>69,7</td>
<td>60,3</td>
</tr>
<tr>
<td>Social science et al.</td>
<td>1617</td>
<td>1351</td>
<td>83,5</td>
<td>81</td>
</tr>
<tr>
<td>UBL</td>
<td>7249</td>
<td>5382</td>
<td>74,2</td>
<td>66,3</td>
</tr>
</tbody>
</table>
Tab. 4. Lending by institutional user categories 2008-2012. 2008 acquisitions. Documents

<table>
<thead>
<tr>
<th>Library</th>
<th>Aquisitions</th>
<th>Circulation</th>
<th>User category</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Never</td>
<td>loans &gt; 3</td>
</tr>
<tr>
<td>Humanities</td>
<td>1696</td>
<td>558</td>
<td>260</td>
</tr>
<tr>
<td>Psychology</td>
<td>565</td>
<td>164</td>
<td>136</td>
</tr>
<tr>
<td>Science</td>
<td>643</td>
<td>228</td>
<td>120</td>
</tr>
<tr>
<td>Social sciences</td>
<td>1274</td>
<td>244</td>
<td>409</td>
</tr>
<tr>
<td>All</td>
<td>4178</td>
<td>1194</td>
<td>925</td>
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</table>
Circulation in the long run.


<table>
<thead>
<tr>
<th>Year</th>
<th>Undergraduates</th>
<th>Graduate Students</th>
<th>Faculty</th>
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<tbody>
<tr>
<td>2000</td>
<td>23495</td>
<td>22118</td>
<td>16896</td>
</tr>
<tr>
<td>2001</td>
<td>23900</td>
<td>21294</td>
<td>16705</td>
</tr>
<tr>
<td>2002</td>
<td>25057</td>
<td>23140</td>
<td>17428</td>
</tr>
<tr>
<td>2003</td>
<td>23166</td>
<td>26458</td>
<td>17986</td>
</tr>
<tr>
<td>2004</td>
<td>21552</td>
<td>29358</td>
<td>19925</td>
</tr>
<tr>
<td>2005</td>
<td>21046</td>
<td>34466</td>
<td>18644</td>
</tr>
<tr>
<td>2006</td>
<td>18836</td>
<td>32659</td>
<td>18604</td>
</tr>
<tr>
<td>2007</td>
<td>17065</td>
<td>30042</td>
<td>18849</td>
</tr>
<tr>
<td>2008</td>
<td>19487</td>
<td>27593</td>
<td>20530</td>
</tr>
<tr>
<td>2009</td>
<td>18927</td>
<td>25931</td>
<td>20845</td>
</tr>
<tr>
<td>2010</td>
<td>18077</td>
<td>24497</td>
<td>19486</td>
</tr>
<tr>
<td>2011</td>
<td>16724</td>
<td>23552</td>
<td>18477</td>
</tr>
<tr>
<td>2012</td>
<td>15042</td>
<td>21335</td>
<td>16512</td>
</tr>
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## Ebook use

<table>
<thead>
<tr>
<th>Year</th>
<th>Pages views</th>
<th>Pages copied</th>
<th>Pages printed</th>
<th>Unique titles</th>
<th>User sessions</th>
<th>Chapter/Range downloads</th>
<th>Title downloads</th>
</tr>
</thead>
<tbody>
<tr>
<td>2009</td>
<td>196601</td>
<td>2276</td>
<td>37144</td>
<td>6735</td>
<td>11660</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2010</td>
<td>187902</td>
<td>3173</td>
<td>48406</td>
<td>6479</td>
<td>11707</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2011</td>
<td>241317</td>
<td>3462</td>
<td>32896</td>
<td>6801</td>
<td>14298</td>
<td>249</td>
<td>92</td>
</tr>
<tr>
<td>2012</td>
<td>366250</td>
<td>3993</td>
<td>35389</td>
<td>11700</td>
<td>23004</td>
<td>3215</td>
<td>389</td>
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<tr>
<td>2013</td>
<td>382059</td>
<td>2988</td>
<td>30507</td>
<td>12262</td>
<td>25037</td>
<td>5232</td>
<td>509</td>
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<tr>
<td>2014</td>
<td>713187</td>
<td>6284</td>
<td>151423</td>
<td>25614</td>
<td>48330</td>
<td>7573</td>
<td>1101</td>
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<tr>
<td>2015</td>
<td>2087316</td>
<td>22176</td>
<td>335765</td>
<td>69591</td>
<td>134036</td>
<td>16269</td>
<td>2091</td>
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</tbody>
</table>
Just in time

Tab. 9. UBL. 2014. Ebrary. PDA as a proportion of total use

<table>
<thead>
<tr>
<th></th>
<th>Titles</th>
<th>User sessions</th>
<th>Total Pages</th>
<th>V/C/P use</th>
<th>Downloads</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ebrary</td>
<td>16697</td>
<td>48330</td>
<td>870894</td>
<td>8674</td>
<td></td>
</tr>
<tr>
<td>PDA</td>
<td>4927</td>
<td>33413</td>
<td>775317</td>
<td>7360</td>
<td></td>
</tr>
<tr>
<td>PDA %</td>
<td>29,5</td>
<td>69,13</td>
<td>89,03</td>
<td>84,85</td>
<td></td>
</tr>
</tbody>
</table>
Quality: Publishers

Fig. 3. Ebrary PDA 2014. Publishers. N=4905. Total publishers 333.

- Taylor and Francis: 25%
- Other publishers: 16%
- Cambridge UP: 11%
- Independent University Presses: 10%
- Wiley: 9%
- Palgrave Macmillan: 7%
- Elsevier: 4%
- US international publishers: 5%
- Dutch international publishers: 3%
- Oxford UP: 1%
- German language publishers: 2%
- UK international publishers: 4%
- US international publishers: 5%
- Sage: 3%
- Other publishers: 5%
- Dutch international publishers: 3%
- German language publishers: 2%
- Oxford UP: 1%
- UK international publishers: 4%
- UK international publishers: 4%
- US international publishers: 5%
- Dutch international publishers: 3%
- Oxford UP: 1%
- German language publishers: 2%
- UK international publishers: 4%
- UK international publishers: 4%
- US international publishers: 5%
- Dutch international publishers: 3%
- Oxford UP: 1%
- German language publishers: 2%
- UK international publishers: 4%
- UK international publishers: 4%
- US international publishers: 5%
- Dutch international publishers: 3%
- Oxford UP: 1%
- German language publishers: 2%
- UK international publishers: 4%
- UK international publishers: 4%
- US international publishers: 5%
- Dutch international publishers: 3%
- Oxford UP: 1%
- German language publishers: 2%
- UK international publishers: 4%
- UK international publishers: 4%
- US international publishers: 5%
- Dutch international publishers: 3%
- Oxford UP: 1%
- German language publishers: 2%
- UK international publishers: 4%
- UK international publishers: 4%
- US international publishers: 5%
- Dutch international publishers: 3%
- Oxford UP: 1%
- German language publishers: 2%
- UK international publishers: 4%
- UK international publishers: 4%
- US international publishers: 5%
- Dutch international publishers: 3%
- Oxford UP: 1%
- German language publishers: 2%
- UK international publishers: 4%
- UK international publishers: 4%
- US international publishers: 5%
- Dutch international publishers: 3%
- Oxford UP: 1%
- German language publishers: 2%
- UK international publishers: 4%
- UK international publishers: 4%
- US international publishers: 5%
- Dutch international publishers: 3%
- Oxford UP: 1%
- German language publishers: 2%
- UK international publishers: 4%
- UK international publishers: 4%
- US international publishers: 5%
- Dutch international publishers: 3%
- Oxford UP: 1%
- German language publishers: 2%
- UK international publishers: 4%
- UK international publishers: 4%
- US international publishers: 5%
- Dutch international publishers: 3%
- Oxford UP: 1%
- German language publishers: 2%
- UK international publishers: 4%
- UK international publishers: 4%
- US international publishers: 5%
- Dutch international publishers: 3%
- Oxford UP: 1%
- German language publishers: 2%
- UK international publishers: 4%
- UK international publishers: 4%
- US international publishers: 5%
- Dutch international publishers: 3%
- Oxford UP: 1%
- German language publishers: 2%
- UK international publishers: 4%
- UK international publishers: 4%
- US international publishers: 5%
- Dutch international publishers: 3%
- Oxford UP: 1%
- German language publishers: 2%
- UK international publishers: 4%
- UK international publishers: 4%
- US international publishers: 5%
- Dutch international publishers: 3%
- Oxford UP: 1%
- German language publishers: 2%
- UK international publishers: 4%
- UK international publishers: 4%
- US international publishers: 5%
- Dutch international publishers: 3%
- Oxford UP: 1%
- German language publishers: 2%
- UK international publishers: 4%
- UK international publishers: 4%
- US international publishers: 5%
- Dutch international publishers: 3%
- Oxford UP: 1%
- German language publishers: 2%
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- US international publishers: 5%
- Dutch international publishers: 3%
- Oxford UP: 1%
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- US international publishers: 5%
- Dutch international publishers: 3%
- Oxford UP: 1%
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- UK international publishers: 4%
- UK international publishers: 4%
- US international publishers: 5%
- Dutch international publishers: 3%
- Oxford UP: 1%
- German language publishers: 2%
- UK international publishers: 4%
- UK international publishers: 4%
- US international publishers: 5%
- Dutch international publishers: 3%
- Oxford UP: 1%
- German language publishers: 2%
- UK international publishers: 4%
- UK international publishers: 4%
- US international publishers: 5%
- Dutch international publishers: 3%
- Oxford UP: 1%
- German language publishers: 2%
- UK international publishers: 4%
- UK international publishers: 4%
- US international publishers: 5%
- Dutch international publishers: 3%
- Oxford UP: 1%
- German language publishers: 2%
- UK international publishers: 4%
- UK international publishers: 4%
- US international publishers: 5%
- Dutch international publishers: 3%
- Oxford UP: 1%
- German language publishers: 2%
- UK international publishers: 4%
- UK international publishers: 4%
- US international publishers: 5%
- Dutch international publishers: 3%
- Oxford UP: 1%
- German language publishers: 2%
- UK international publishers: 4%
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- US international publishers: 5%
- Dutch international publishers: 3%
- Oxford UP: 1%
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- UK international publishers: 4%
- UK international publishers: 4%
- US international publishers: 5%
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- Oxford UP: 1%
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- UK international publishers: 4%
- US international publishers: 5%
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- UK international publishers: 4%
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- Dutch international publishers: 3%
- Oxford UP: 1%
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- UK international publishers: 4%
- UK international publishers: 4%
- US international publishers: 5%
- Dutch international publishers: 3%
- Oxford UP: 1%
- German language publishers: 2%
- UK international publishers: 4%
- UK international publishers: 4%
- US international publishers: 5%
- Dutch international publishers: 3%
- Oxford UP: 1%
- German language publishers: 2%
- UK international publishers: 4%
- UK international publishers: 4%
- US international publishers: 5%
Quality: Content

Fig. 3. 2014. Ebrary PDA usage by subject.
(Locally adapted BISAC categories) N=4730