

# Evolution of Big Deal Analysis

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# Overview



## Evolution 2015 – 2019

- ❑ 2015: simple usage data & aggregate cost analysis
- ❑ 2019: detailed cost per title, analyze packages by college/discipline, add citation data from Web of Science

# Big Deal Summary Comparison

	Cambridge	T&F	Wiley	Springer	Sage	Science Direct	Oxford
<b>Number of titles</b>	372	2,347	1,502	2,155	897	2,318	356
<b>Cost in 2019</b>	\$ 87,729	\$ 496,669	\$ 924,771		\$ 182,879	\$ 1,546,293	\$ 142,861
<b>Cost per average use per year</b>	\$ 5.71	\$ 5.06	\$ 4.35	\$ 3.40	\$ 2.85	\$ 2.39	\$ 2.11
<b>Cost per average use &lt;\$5 CDN</b>							
Number of titles	21	52	160	54	51	241	89
% all average usage	42.1%	14.4%	42.1%	19.7%	37.4%	45.8%	72.0%
% package cost	20.6%	7.1%	21.3%	17.7%	25.4%	49.4%	59.6%
<b>Cost per average use &lt;\$10 CDN</b>							
Number of titles	53	160	315	164	142	496	158
% all average usage	62.3%	29.8%	60.8%	40.6%	59.7%	67.0%	86.1%
% package cost	46.5%	28.2%	52.6%	61.7%	85.1%	113.2%	107.3%
<b>80 % of all average use per year</b>							
Number of titles	87	731	418	454	252	526	96
% package cost	72.7%	415.6%	187.3%	377.5%	219.7%	206.0%	107.1%
<b>60 % of all average use per year</b>							
Number of titles	35	344	191	195	110	245	44
% package cost	59.3%	224.3%	91.5%	217.1%	106.2%	119.3%	61.1%

# Visualizing the data

	\$CDN/use	
Average use per year from 356 titles	15,366	\$ 5.71
Average use per year from JRI reports	16,241	\$ 5.40
Cost 2019 subscriptions - CDN	\$87,728.77	

  

Cost per average use per year		
	< \$5 CDN	< \$10 CDN
Titles	21	53
Titles with subscription costs	19	48
Average use per year	6,470	9,572
Percentage of all average use per year	42.1%	62.3%
Subscription costs for titles	\$ 18,056	\$ 40,837
Percentage of package cost (\$ CDN)	20.6%	46.5%

  

Percentage of total average use per year		
	80%	60%
Titles	87	35
Titles with subscription costs	81	30
Average use per year	12,329	9,219
Subscription costs for titles	\$ 63,757	\$ 52,040
Percentage of package cost (\$ CDN)	72.7%	59.3%

Data - 2016-2018 JRI / Exchange rate 1.32

New



372 titles in "Database model journals 2019"

Data - 2016-2018 JRI / Exchange rate 1.32

	\$CDN/use	
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## Cost per average use per year < \$5 CDN

Titles	21
Titles with subscription costs	19
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## Cost per average use per year < \$10 CDN

Titles	53
Titles with subscription costs	48
Average use per year	9,572
Percentage of all average use per year	62.3%
Subscription costs for titles	\$ 40,837
Percentage of package cost (\$ CDN)	46.5%

## 80% of average use per year

Titles	87
Titles with subscription costs	81
Average use per year	12,329
Subscription costs for titles	\$ 63,757
Percentage of package cost (\$ CDN)	72.7%

## 60% of average use per year

Titles	35
Titles with subscription costs	30
Average use per year	9,219
Subscription costs for titles	\$ 52,040
Percentage of package cost (\$ CDN)	59.3%

2019 Data is dynamic

# Aggregated Data

## Publisher

- Title
- Price
- Core
- Packages
- COUNTER (JR1)
- Subjects

## CRKN

- Title
- Price
- Core

## Other

- Link resolver (alt. coverage)
- Ifigr (WoS data on papers / citations)
- Local survey data

# Challenges & Opportunities



# Tips & Tricks



## Vlookup examples

- ❑ =IFERROR(VLOOKUP(\$B2,'2015 JR1!\$F\$2:\$W\$2400,6,FALSE),IFERROR(VLOOKUP(\$C2,'2015 JR1!\$G\$2:\$W\$2400,5,FALSE),"\*\*"))
- ❑ =IFERROR(VLOOKUP(\$C20,'T&F alternate coverage!\$A\$2:\$F\$701,6,FALSE),IFERROR(VLOOKUP(\$D20,'T&F alternate coverage!\$A\$2:\$F\$701,5,FALSE),"No")) [C20 and D20 are ISSN and eISSN]

# Lessons Learned



# Moving Forward



# Thank You!

## Any questions?

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# Slides available:

<https://harvest.usask.ca/>

<http://hdl.handle.net/10388/12412>