

## Complementary material to manuscript:

Multidimensional impact assessment of a large collection of books using PlumX: methodology, technical limitations and indicators analysis

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### Abstract

*The main purpose of this macro-study is to shed light on the broad impact of books. For this purpose, the impact a very large collection of books (more than 200,000) has been analysed by using PlumX, an analytical tool providing a great number of different metrics provided by various tools. Furthermore, the study focuses on the evolution of the most significant measures and indicators over time. The results show usage counts in comparison to the other metrics are quantitatively predominant. Catalogue holdings and reviews represent a book's most characteristic measures deriving from its increased level of impact in relation to prior results. Our results also corroborate the long half-life of books within the scope of all metrics, excluding views and social media. Despite of some disadvantages, PlumX has proved to be a very helpful and promising tool for assessing the broad impact of books, especially because of how easy it is to enter the ISBN directly as well as its algorithm to aggregate all the data generated by the different ISBN variations.*

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**Table 1. Complete statistical overview for the dimensions and main measures retrieved via PlumX according to the ISBN of the print version of the book**

PlumX Categories	Measures per Category & Tool	All data (in: TBA / out: 263,010 / clean: 260,856)								
		Items with data available	Items with data available (%)	Sum	Mean	Mean available	Median	Maximum	Standard deviation	T confidence interval ( $\alpha = 0.05$ )
Captures	Bookmarks:Delicious	2	0,00%	2	0,00	1,00	0	1	0,00	0,00
	Exports-Saves:EBSCO	213.299	81,77%	7.241.548	27,76	33,95	5	93.507	262,02	1,01
	Readers:Mendeley	64.842	24,86%	431.296	1,65	6,65	0	944	8,72	0,03
	Readers:Goodreads	140.088	53,70%	160.074.381	613,65	1.142,67	1	3.355.704	22.469,90	86,23
	<b>Total Captures</b>	<b>238.040</b>	<b>91,25%</b>	<b>167.747.227</b>	<b>643,06</b>	<b>704,70</b>	<b>15</b>	<b>3.355.710</b>	<b>22.471,76</b>	<b>86,24</b>
Citations	Clinical DynaMed Plus	1	0,00%	1	0,00	1,00	0	1	0,00	0,00
	Citation Indexes:Scopus	316	0,12%	17.297	0,07	54,74	0	2.748	6,51	0,02
	Citation Indexes:PubMed	130	0,05%	691	0,00	5,32	0	59	0,25	0,00
	Citation Indexes:RePEc	1	0,00%	2	0,00	2,00	0	2	0,00	0,00
	Citation Indexes:SSRN	1	0,00%	3	0,00	3,00	0	3	0,01	0,00
	Citation Indexes:CrossRef	11.080	4,25%	232.557	0,89	20,99	0	4.260	21,00	0,08
	<b>Total Citations</b>	<b>11.448</b>	<b>4,39%</b>	<b>250.551</b>	<b>0,96</b>	<b>21,89</b>	<b>0</b>	<b>4.260</b>	<b>22,01</b>	<b>0,08</b>
Social Media	Scores:Reddit	36	0,01%	3.431	0,01	95,31	0	3.059	5,99	0,02
	+1s:Google+	319	0,12%	1.615	0,01	5,06	0	96	0,37	0,00
	Tweets:Twitter	1.126	0,43%	11.560	0,04	10,27	0	8.558	16,76	0,06
	Shares, Likes & Comments:Facebook	1.413	0,54%	44.309	0,17	31,36	0	12.419	26,65	0,10
	Likes:YouTube	1	0,00%	2	0,00	2,00	0	2	0,00	0,00
	<b>Total Social Media</b>	<b>2.183</b>	<b>0,84%</b>	<b>60.917</b>	<b>0,23</b>	<b>27,91</b>	<b>0</b>	<b>12.420</b>	<b>32,18</b>	<b>0,12</b>
Mentions	Reviews:Amazon	97.182	37,26%	1.551.583	5,95	15,97	0	18.149	70,43	0,27
	Reviews:Goodreads	49.893	19,13%	3.105.870	11,91	62,25	0	51.422	359,70	1,38
	Economics Blog Blog	11	0,00%	12	0,00	1,09	0	2	0,01	0,00
	Comments:Reddit	20	0,01%	1.122	0,00	56,10	0	1.003	1,97	0,01
	Blog Blog	151	0,06%	359	0,00	2,38	0	103	0,21	0,00
	News News	49	0,02%	104	0,00	2,12	0	24	0,06	0,00
	Links:Wikipedia	43.216	16,57%	119.805	0,46	2,77	0	931	4,19	0,02
	<b>Total Mentions</b>	<b>123.305</b>	<b>47,27%</b>	<b>4.778.855</b>	<b>18,32</b>	<b>38,76</b>	<b>0</b>	<b>55.044</b>	<b>395,76</b>	<b>1,52</b>
Usage	Sample Downloads:EBSCO	39.470	15,13%	74.109	0,28	1,88	0	146	1,13	0,00
	Abstract Views:DSpace	8	0,00%	16.592	0,06	2.074,00	0	4.613	14,51	0,06
	Abstract Views:Bepress	50	0,02%	1.117	0,00	22,34	0	225	0,62	0,00
	Abstract Views:RePEc	2	0,00%	409	0,00	204,50	0	338	0,68	0,00
	Abstract Views:SSRN	1	0,00%	1.289	0,00	1.289,00	0	1.289	2,52	0,01
	Abstract Views:EBSCO	248.135	95,12%	94.549.206	362,46	381,04	139	648.337	2.085,53	8,00
	Data Views:EBSCO	2.046	0,78%	8.864	0,03	4,33	0	978	3,02	0,01
	Holdings:WorldCat	255.137	97,81%	184.766.294	708,31	724,18	651	35.276	619,06	2,38
	PDF Views:EBSCO	178.101	68,28%	17.291.795	66,29	97,09	6	31.853	281,75	1,08
	Clicks:Bitly	456	0,17%	25.194	0,10	55,25	0	3.035	10,15	0,04
	Plays:YouTube	1	0,00%	228	0,00	228,00	0	228	0,45	0,00
	Plays:EBSCO	20	0,01%	189	0,00	9,45	0	69	0,18	0,00
	HTML Views:EBSCO	197.657	75,77%	24.113.722	92,44	122,00	16	768.653	2.041,39	7,83
	Downloads:SSRN	1	0,00%	250	0,00	250,00	0	250	0,49	0,00
	Downloads:DSpace	7	0,00%	71.259	0,27	10.179,86	0	31.626	77,78	0,30
	Downloads:EPrint	7	0,00%	3.267	0,01	466,71	0	885	2,98	0,01
	Downloads:CaltechAUTHORS	2	0,00%	6.855	0,03	3.427,50	0	6.853	13,42	0,05
	Downloads:RePEc	1	0,00%	23	0,00	23,00	0	23	0,05	0,00
	Downloads:Bepress	1	0,00%	13	0,00	13,00	0	13	0,03	0,00
	Link-outs:EBSCO	139.216	53,37%	1.325.721	5,08	9,52	1	4.175	25,81	0,10
ePub Downloads:EBSCO	2.861	1,10%	47.320	0,18	16,54	0	1.378	6,28	0,02	
	<b>Total Usage</b>	<b>258.977</b>	<b>99,28%</b>	<b>322.303.716</b>	<b>1.235,56</b>	<b>1.244,53</b>	<b>951</b>	<b>1.423.424</b>	<b>4.167,24</b>	<b>15,99</b>
	<b>Total All</b>	<b>259.620</b>	<b>99,53%</b>	<b>495.141.266</b>	<b>1.898,14</b>	<b>1.907,18</b>	<b>1.028</b>	<b>3.411.931</b>	<b>23.266,30</b>	<b>89,28</b>

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**Table 2. Spearman correlations for all parameters with a significant score of availability in PlumX**

	Captures			Citations		Social Media		Mentions			Usage			
	Exports-Saves: EBSCO	Readers: Mendeley	Readers: Goodreads	Scopus	CrossRef	Tweets: Twitter	Shares, ..., Facebook	Reviews: Amazon	Reviews: Goodreads	Links: Wikipedia	Abstract Views: EBSCO	Holdings: WorldCat	PDF Views: EBSCO	HTML Views: EBSCO
Exports-Saves: EBSCO		0,038	0,001	0,005	0,01	0	0	0,008	0,001	0,013	0,858	0,092	0,294	0,949
Readers: Mendeley			-0,002	0,165	0,08	0,001	0,009	0,004	-0,002	0,027	0,041	0,123	0,094	0,012
Readers: Goodreads				0	0	0	0,001	0,359	0,926	0	0,005	-0,006	0,011	0,001
Scopus					0	0	0,001	0	0	0,003	0,005	0,008	0,014	0,002
CrossRef						0	0	0,001	-0,001	0,014	0,005	0,035	0,015	0,002
Tweets: Twitter							0,005	0	0	0	0	-0,001	0,001	0
Facebook								0,008	0,001	0	0	0,002	0,001	0
Reviews: Amazon									0,439	0,001	0,016	-0,006	0,027	0,005
Reviews: Goodreads										0	0,007	-0,006	0,01	0,001
Links: Wikipedia											0,017	0,071	0,032	0,007
Abstract Views: EBSCO												0,129	0,347	0,85
Holdings: WorldCat													0,241	0,038
PDF Views: EBSCO														0,146
HTML Views: EBSCO														

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**Table 3. Scores retrieved via PlumX for all the books published before 2000**

Measures: Tools	before 2000 (n=41,443)								
	# available (non-0)	%	Sum	Mean	Mean available	Median	Maximum	Standard Deviation	T- Confidenz (alpha=0.05)
Captures:Bookmarks:Delicious	1	0,00%	1	0,00	1,00	0	1	0,00	0,00
Captures:Exports-Saves:EBSCO	34108	82,30%	933878	22,53	27,38	5	5133	72,27	0,70
Captures:Readers:Mendeley	10466	25,25%	73316	1,77	7,01	0	397	8,10	0,08
Captures:Readers:Goodreads	23213	56,01%	29493503	711,66	1270,56	1	3355704	28896,50	278,21
Total Captures	38211	92,20%	30500698	735,97	798,22	12	3355710	28897,74	278,23
Citations:Scopus	1	0,00%	55	0,00	55,00	0	55	0,27	0,00
Citations:CrossRef	2704	6,52%	104632	2,52	38,70	0	4260	43,10	0,41
Total Citations	2705	6,53%	104687	2,53	38,70	0	4260	43,10	0,41
Mentions:Reviews:Amazon	13997	33,77%	148200	3,58	10,59	0	6739	71,40	0,69
Mentions:Reviews:Goodreads	6211	14,99%	455896	11,00	73,40	0	48858	408,61	3,93
Mentions:Blog Mentions:Blog	8	0,02%	8	0,00	1,00	0	1	0,01	0,00
Mentions:News Mentions:New	2	0,00%	2	0,00	1,00	0	1	0,01	0,00
Mentions:Links:Wikipedia	8578	20,70%	26707	0,64	3,11	0	931	5,71	0,06
Total Mentions	18966	45,76%	630813	15,22	33,26	0	55044	467,33	4,50
Social Media:+1s:Google+	3	0,01%	5	0,00	1,67	0	3	0,02	0,00
Social Media:Tweets:Twitter	72	0,17%	108	0,00	1,50	0	9	0,08	0,00
Social Media:Shares, Likes & Comments:Facebook	122	0,29%	1053	0,03	8,63	0	192	1,72	0,02
Total Social Media	180	0,43%	1166	0,03	6,48	0	192	1,72	0,02
Usage:Sample Downloads:EBSCO	3098	7,48%	4841	0,12	1,56	0	53	0,59	0,01
Usage:Abstract Views:BePress	4	0,01%	21	0,00	5,25	0	10	0,06	0,00
Usage:Abstract Views:EBSCO	38269	92,34%	13310810	321,18	347,82	150	65802	849,18	8,18
Usage:Data Views:EBSCO	188	0,45%	597	0,01	3,18	0	182	0,93	0,01
Usage:Holdings:WorldCat	40973	98,87%	38269831	923,43	934,03	1031	27109	648,89	6,25
Usage:PDF Views:EBSCO	30783	74,28%	2984444	72,01	96,95	11	21621	239,97	2,31
Usage:Clicks:Bitly	13	0,03%	49	0,00	3,77	0	12	0,09	0,00
Usage:Plays:EBSCO	3	0,01%	27	0,00	9,00	0	15	0,09	0,00
Usage:HTML Views:EBSCO	30307	73,13%	2893471	69,82	95,47	14	51125	477,09	4,59
Usage:Downloads:CaltechAUTH	1	0,00%	6853	0,17	6853,00	0	6853	33,66	0,32
Usage:Link-outs:EBSCO	19097	46,08%	123531	2,98	6,47	0	479	10,29	0,10
Usage:ePub Downloads:EBSCO	111	0,27%	1874	0,05	16,88	0	656	3,47	0,03
Total Usage	41209	99,44%	57596349	1389,77	1397,66	1277	115534	1684,28	16,22
Total All	41294	99,64%	88833713	2143,52	2151,25	1314	3411931	29435,16	283,40

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**Table 4. Scores retrieved via PlumX for all the books published between 2001-2003**

2000-2003; n= 26,379									
Measures: Tools	# available (non-0)	%	Sum	Mean	Mean available	Median	Maximum	Standard Deviation	T- Confidencz (alpha=0.05)
Captures:Exports-Saves:EBSCO	23591	89,43%	996755	37,79	42,25	11	16916	145,93	1,76
Captures:Readers:Mendely	8846	33,53%	76816	2,91	8,68	0	691	12,80	0,15
Captures:Readers:Goodreads	16287	61,74%	5169470	195,97	317,40	2	751557	6333,76	76,44
Total Captures	25316	95,97%	6243041	236,67	246,60	22	751557	6337,12	76,48
Citations: Scopus	29	0,11%	2454	0,09	84,62	0	435	4,19	0,05
Citations: CrossRef	2430	9,21%	82474	3,13	33,94	0	2636	33,25	0,40
Total Citations	2444	9,26%	84928	3,22	34,75	0	2636	33,62	0,41
Mentions:Reviews:Amazon	11186	42,40%	114809	4,35	10,26	0	18149	114,20	1,38
Mentions:Reviews:Goodreads	4814	18,25%	128247	4,86	26,64	0	14613	140,86	1,70
Mentions:Comments:Reddit	1	0,00%	3	0,00	3,00	0	3	0,02	0,00
Mentions:Blog Mentions:Blog	12	0,05%	21	0,00	1,75	0	8	0,06	0,00
Mentions:News Mentions:New	1	0,00%	1	0,00	1,00	0	1	0,01	0,00
Mentions:Links:Wikipedia	6375	24,17%	20126	0,76	3,16	0	172	3,79	0,05
Total Mentions	14311	54,25%	263207	9,98	18,39	1	32765	233,27	2,82
Social Media:+1s:Google+	3	0,01%	7	0,00	2,33	0	4	0,03	0,00
Social Media:Tweets:Twitter	88	0,33%	130	0,00	1,48	0	12	0,12	0,00
Social Media:Shares, Likes & Comments:Facebook	116	0,44%	928	0,04	8,00	0	297	2,25	0,03
Total Social Media	185	0,70%	1065	0,04	5,76	0	297	2,26	0,03
Usage:Sample Downloads:EBSC	2417	9,16%	3934	0,15	1,63	0	21	0,65	0,01
Usage:Abstract Views:DSpace	1	0,00%	2074	0,08	2074,00	0	2074	12,77	0,15
Usage:Abstract Views:Bepress	5	0,02%	81	0,00	16,20	0	49	0,33	0,00
Usage:Abstract Views:EBSCO	25442	96,45%	12018653	455,61	472,39	231	103504	1273,47	15,37
Usage:Data Views:EBSCO	266	1,01%	711	0,03	2,67	0	59	0,52	0,01
Usage:Holdings:WorldCat	26151	99,14%	26487778	1004,12	1012,88	1119	11119	629,32	7,59
Usage:PDF Views:EBSCO	22227	84,26%	2940616	111,48	132,30	27	14398	348,00	4,20
Usage:Clicks:Bitly	20	0,08%	97	0,00	4,85	0	24	0,20	0,00
Usage:Plays:EBSCO	2	0,01%	19	0,00	9,50	0	18	0,11	0,00
Usage:HTML Views:EBSCO	22075	83,68%	2875333	109,00	130,25	28	96144	828,93	10,00
Usage:Downloads:DSpace	1	0,00%	492	0,02	492,00	0	492	3,03	0,04
Usage:Downloads:CaltechAUTH	1	0,00%	2	0,00	2,00	0	2	0,01	0,00
Usage:Link-outs:EBSCO	15421	58,46%	127883	4,85	8,29	1	2878	23,44	0,28
Usage:ePub Downloads:EBSCO	97	0,37%	800	0,03	8,25	0	77	0,95	0,01
Total Usage	26285	99,64%	44458473	1685,37	1691,40	1494	176225	2322,12	28,02
Total All	26316	99,76%	51050714	1935,28	1939,91	1540	761732	7010,27	84,60

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**Table 5. Scores retrieved via PlumX for all the books published between 2004-2007**

2004-2007; n=44,081									
Measures:Tools	# available (non-0)	%	Sum	Mean	Mean available	Median	Maximum	Standard Deviation	T- Confidenz (alpha=0.05)
Captures:Exports-Saves:EBSCO	38890	88,22%	1501233	34,06	38,60	8	7976	112,17	1,05
Captures:Readers:Mendeley	13363	30,31%	100522	2,28	7,52	0	684	10,81	0,10
Captures:Readers:Goodreads	25357	57,52%	55310428	1254,75	2181,27	1	2840630	33996,71	317,37
Total Captures	42178	95,68%	56912183	1291,08	1349,33	20	2840635	33997,13	317,38
Citations: Scopus	81	0,18%	3969	0,09	49,00	0	420	4,20	0,04
Citations:PubMed	1	0,00%	1	0,00	1,00	0	1	0,00	0,00
Citations:CrossRef	1777	4,03%	23924	0,54	13,46	0	2225	12,63	0,12
Total Citations	1847	4,19%	27894	0,63	15,10	0	2225	13,31	0,12
Mentions:Reviews:Amazon	17956	40,73%	377373	8,56	21,02	0	6575	82,10	0,77
Mentions:Reviews:Goodreads	8835	20,04%	921625	20,91	104,32	0	51422	538,91	5,03
Mentions:Comments:Reddit	1	0,00%	3	0,00	3,00	0	3	0,01	0,00
Mentions:Blog Mentions:Blog	10	0,02%	20	0,00	2,00	0	10	0,05	0,00
Mentions:News Mentions:New	4	0,01%	7	0,00	1,75	0	2	0,02	0,00
Mentions:Links:Wikipedia	9262	21,01%	27195	0,62	2,94	0	904	5,34	0,05
Total Mentions	22803	51,73%	1326223	30,09	58,16	1	51563	570,42	5,33
Social Media:Scores:Reddit	2	0,00%	19	0,00	9,50	0	18	0,09	0,00
Social Media:+1s:Google+	8	0,02%	10	0,00	1,25	0	3	0,02	0,00
Social Media:Tweets:Twitter	140	0,32%	264	0,01	1,89	0	30	0,23	0,00
Social Media:Shares, Likes & Comments:Facebook	148	0,34%	2239	0,05	15,13	0	727	3,83	0,04
Total Social Media	259	0,59%	2532	0,06	9,78	0	728	3,86	0,04
Usage:Sample Downloads:EBSCO	4590	10,41%	7650	0,17	1,67	0	146	1,17	0,01
Usage:Abstract Views:DSpace	1	0,00%	4613	0,10	4613,00	0	4613	21,97	0,21
Usage:Abstract Views:Bepress	12	0,03%	124	0,00	10,33	0	24	0,20	0,00
Usage:Abstract Views:EBSCO	42441	96,28%	19418010	440,51	457,53	196	343905	2176,43	20,32
Usage:Data Views:EBSCO	455	1,03%	2037	0,05	4,48	0	526	2,63	0,02
Usage:Holdings:WorldCat	43659	99,04%	36169165	820,52	828,45	980	28680	673,25	6,29
Usage:PDF Views:EBSCO	35437	80,39%	3943108	89,45	111,27	16	28284	388,56	3,63
Usage:Clicks:Bitly	20	0,05%	94	0,00	4,70	0	20	0,15	0,00
Usage:Plays:EBSCO	2	0,00%	4	0,00	2,00	0	3	0,02	0,00
Usage:HTML Views:EBSCO	34053	77,25%	4357565	98,85	127,96	19	112502	881,77	8,23
Usage:Downloads:DSpace	1	0,00%	18737	0,43	18737,00	0	18737	89,24	0,83
Usage:Link-outs:EBSCO	24253	55,02%	229351	5,20	9,46	1	2037	20,60	0,19
Usage:ePub Downloads:EBSCO	158	0,36%	2669	0,06	16,89	0	929	4,87	0,05
Total Usage	43939	99,68%	64153127	1455,35	1460,05	1299	345483	3000,79	28,01
Total All	44000	99,82%	122421959	2777,20	2782,32	1365	2886406	34646,44	323,44

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**Table 6. Scores retrieved via PlumX for all the books published between 2008-2011**

2008-2011; n=71,809									
Measures:Tools	# available (non-0)	%	Sum	Mean	Mean available	Median	Maximum	Standard Deviation	T- Confidenz (alpha=0.05)
Captures:Exports-Saves:EBSCO	62343	86,82%	2593289	36,07	41,60	8	93507	474,81	3,47
Captures:Readers:Mendeley	19686	27,41%	119023	1,63	6,05	0	446	7,13	0,05
Captures:Readers:Goodreads	40176	55,95%	32704709	527,03	814,04	1	1529096	14457,54	105,75
Total Captures	67727	94,32%	35417021	564,73	522,94	21	1529104	14465,02	105,80
Citations:Scopus	172	0,24%	6501	0,08	37,80	0	562	3,99	0,03
Citations:PubMed	4	0,01%	58	0,00	14,50	0	40	0,15	0,00
Citations:RePEc	1	0,00%	2	0,00	2,00	0	2	0,01	0,00
Citations:SSRN	1	0,00%	3	0,00	3,00	0	3	0,01	0,00
Citations:CrossRef	2608	3,63%	15648	0,25	6,00	0	550	3,88	0,03
Total Citations	2750	3,83%	22212	0,34	8,08	0	562	5,61	0,04
Mentions:Reviews:Amazon	27846	38,78%	456991	5,77	16,41	0	6573	56,41	0,41
Mentions:Reviews:Goodreads	15608	21,74%	787974	11,78	50,49	0	41602	299,97	2,19
Mentions:Economics Blog Mentio	1	0,00%	1	0,00	1,00	0	1	0,00	0,00
Mentions:Comments:Reddit	3	0,00%	5	0,00	1,67	0	2	0,01	0,00
Mentions:Blog Mentions:Blog	21	0,03%	34	0,00	1,62	0	3	0,03	0,00
Mentions:News Mentions:News	10	0,01%	37	0,00	3,70	0	24	0,09	0,00
Mentions:Links:Wikipedia	11658	16,23%	30050	0,39	2,58	0	900	4,20	0,03
Total Mentions	35346	49,22%	1275092	17,94	36,07	0	48175	333,58	2,44
Social Media:Scores:Reddit	7	0,01%	26	0,00	3,71	0	7	0,04	0,00
Social Media:+1s:Google+	21	0,03%	164	0,00	7,81	0	60	0,26	0,00
Social Media:Tweets:Twitter	307	0,43%	654	0,01	2,13	0	36	0,26	0,00
Social Media:Shares, Likes & Comments:Facebook	305	0,42%	6890	0,08	22,59	0	1573	6,32	0,05
Total Social Media	527	0,73%	7734	0,09	14,68	0	1574	6,39	0,05
Usage:Sample Downloads:EBSCO	10659	14,84%	18221	0,17	1,71	0	53	0,89	0,01
Usage:Abstract Views:DSpace	2	0,00%	7039	0,17	3519,50	0	3663	18,59	0,14
Usage:Abstract Views:BePress	18	0,03%	630	0,01	35,00	0	225	1,07	0,01
Usage:Abstract Views:RePEc	1	0,00%	338	0,01	338,00	0	338	1,26	0,01
Usage:Abstract Views:SSRN	1	0,00%	1289	0,00	1289,00	0	1289	4,81	0,04
Usage:Abstract Views:EBSCO	69337	96,56%	32240498	434,49	464,98	173	648337	3353,55	24,53
Usage:Data Views:EBSCO	1028	1,43%	5212	0,04	5,07	0	978	5,33	0,04
Usage:Holdings:WorldCat	70773	98,56%	52517572	750,35	742,06	802	35276	609,06	4,45
Usage:PDF Views:EBSCO	55238	76,92%	5730841	75,12	103,75	13	31853	313,70	2,29
Usage:Clicks:Bitly	55	0,08%	1129	0,00	20,53	0	230	1,32	0,01
Usage:Plays:EBSCO	6	0,01%	80	0,00	13,33	0	69	0,26	0,00
Usage:HTML Views:EBSCO	57422	79,96%	9019638	133,64	157,08	22	768653	3761,06	27,51
Usage:Downloads:SSRN	1	0,00%	250	0,00	250,00	0	250	0,93	0,01
Usage:Downloads:DSpace	2	0,00%	45629	1,10	22814,50	0	31626	129,07	0,94
Usage:Downloads:EPrint	2	0,00%	107	0,00	53,50	0	89	0,34	0,00
Usage:Link-outs:EBSCO	41205	57,38%	440989	5,10	10,70	1	3967	29,65	0,22
Usage:ePub Downloads:EBSCO	614	0,86%	12331	0,10	20,08	0	1222	6,93	0,05
Total Usage	71479	99,54%	100041793	1400,30	1399,60	1105	1423424	7193,69	52,62
Total All	71605	99,72%	136763852	1983,39	1909,98	1174	1577812	16633,40	121,66

## Complementary material to manuscript:

Multidimensional impact assessment of a large collection of books using PlumX: methodology, technical limitations and indicators analysis

**Table 7. Scores retrieved via PlumX for all the books published between 2012-2015**

2012-2015; n= 51,826									
Measures:Tools	# available (non-0)	%	Sum	Mean	Mean available	Median	Maximum	Standard Deviation	T- Confidenz (alpha=0.05)
Captures:Bookmarks:Delicious	1	0,00%	1	0,00	1,00	0	1	0,00	0,00
Captures:Exports-Saves:EBSCO	39509	76,24%	977479	18,86	24,74	4	13184	80,38	0,69
Captures:Readers:Mendeley	11887	22,94%	59968	1,16	5,04	0	944	8,59	0,07
Captures:Readers:Goodreads	24257	46,81%	22508361	434,31	927,91	0	2697914	20779,11	178,90
Total Captures	45189	87,20%	23545809	454,32	521,05	10	2697925	20779,36	178,90
Citations:Clinical Citations:DynaMed Plus	1	0,00%	1	0,00	1,00	0	1	0,00	0,00
Citations: Scopus	33	0,06%	4318	0,08	130,85	0	2748	12,94	0,11
Citations: PubMed	125	0,24%	632	0,01	5,06	0	59	0,53	0,00
Citations: CrossRef	1560	3,01%	5878	0,11	3,77	0	576	2,89	0,02
Total Citations	1701	3,28%	10829	0,21	6,37	0	2748	13,29	0,11
Mentions:Reviews:Amazon	16380	31,61%	279783	5,40	17,08	0	6745	53,18	0,46
Mentions:Reviews:Goodreads	9165	17,68%	497634	9,60	54,30	0	39178	319,62	2,75
Mentions:Economics Blog Mentions	10	0,02%	11	0,00	1,10	0	2	0,02	0,00
Mentions:Comments:Reddit	13	0,03%	1067	0,02	82,08	0	1003	4,41	0,04
Mentions:Blog Mentions:Blog	99	0,19%	275	0,01	2,78	0	103	0,46	0,00
Mentions:News Mentions:News	32	0,06%	57	0,00	1,78	0	11	0,06	0,00
Mentions:Links:Wikipedia	5092	9,83%	10767	0,21	2,11	0	193	1,89	0,02
Total Mentions	20415	39,39%	789594	15,24	38,68	0	43789	343,38	2,96
Social Media:Scores:Reddit	25	0,05%	3345	0,06	133,80	0	3059	13,45	0,12
Social Media:+1s:Google+	284	0,55%	1429	0,03	5,03	0	96	0,77	0,01
Social Media:Tweets:Twitter	517	1,00%	10400	0,20	20,12	0	8558	37,60	0,32
Social Media:Shares, Likes & Comments:Facebook	696	1,34%	32304	0,62	46,41	0	12419	59,09	0,51
Social Media:Likes:YouTube	1	0,00%	2	0,00	2,00	0	2	0,01	0,00
Total Social Media	1004	1,94%	47480	0,92	47,29	0	12420	71,59	0,62
Usage:Sample Downloads:EBSCO	13371	25,80%	29355	0,57	2,20	0	98	1,69	0,01
Usage:Abstract Views:DSpace	4	0,01%	2866	0,06	716,50	0	1903	9,35	0,08
Usage:Abstract Views:Bepress	11	0,02%	261	0,01	23,73	0	88	0,49	0,00
Usage:Abstract Views:RePEc	1	0,00%	71	0,00	71,00	0	71	0,31	0,00
Usage:Abstract Views:EBSCO	49683	95,87%	13862941	267,49	279,03	80	81600	832,51	7,17
Usage:Data Views:EBSCO	91	0,18%	271	0,01	2,98	0	31	0,20	0,00
Usage:Holdings:WorldCat	49611	95,73%	23399977	451,51	471,67	323	18575	443,03	3,81
Usage:PDF Views:EBSCO	27861	53,76%	1450947	28,00	52,08	1	12729	137,71	1,19
Usage:Clicks:Bitly	346	0,67%	23823	0,46	68,85	0	3035	22,72	0,20
Usage:Plays:YouTube	1	0,00%	228	0,00	228,00	0	228	1,00	0,01
Usage:Plays:EBSCO	4	0,01%	55	0,00	13,75	0	51	0,22	0,00
Usage:HTML Views:EBSCO	37475	72,31%	3806002	73,44	101,56	12	60201	378,28	3,26
Usage:Downloads:DSpace	3	0,01%	6401	0,12	2133,67	0	5464	24,32	0,21
Usage:Downloads:EPrint	5	0,01%	3160	0,06	632,00	0	885	6,67	0,06
Usage:Downloads:RePEc	1	0,00%	23	0,00	23,00	0	23	0,10	0,00
Usage:Downloads:Bepress	1	0,00%	13	0,00	13,00	0	13	0,06	0,00
Usage:Link-outs:EBSCO	28425	54,85%	322637	6,23	11,35	1	4175	36,15	0,31
Usage:ePub Downloads:EBSCO	1074	2,07%	22879	0,44	21,30	0	1378	9,57	0,08
Total Usage	51161	98,72%	42931910	828,39	839,15	533	158895	1414,60	12,18
Total All	51316	99,02%	67325622	1299,07	1311,98	617	2741749	21163,30	182,21



## Complementary material to manuscript:

Multidimensional impact assessment of a large collection of books using PlumX: methodology, technical limitations and indicators analysis

**Figure 1. Information of this book in PlumX included 14 variations of the ISBN, three of the OCLC, and three DOI's of parts of this book.**

DOI:
<a href="https://doi.org/10.1515/9783110239027">10.1515/9783110239027</a> , <a href="https://doi.org/10.1515/9783110978780">10.1515/9783110978780</a> , <a href="https://doi.org/10.1515/9783110365726">10.1515/9783110365726</a> , <a href="https://doi.org/10.1515/9783110315592">10.1515/9783110315592</a>
ISBN:
9783110365726, 9783110315592, 9783110239027, 9783110978780, 9783110214598, 9783111854052, 9783598730306, 9783598730436, 9783110302967, 9783110309034, 9783110195026, 9783598730542, 9783112189238, 9783110316919
OCLC:
57541018, 911492243, 763160713
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