

Supplemental file to the paper by Chaignon & Egret (2022), accepted for publication in *Quantitative Science Studies*  
*Identify scientific publications country-wide and measure their open access: the case of the French Open Science Barometer (BSO)*

Table after global cross-identification and cleaning (in the matching process some incorrect DOIs have been corrected).

Year	All	FR-15-20	HAL	PUBMED	ADS	WoS	Scopus	MAG	BSO
<b>Total</b>	979 474	848 113	359 231	288 685	96 826	580 112	674 604	594 046	748 588
<b>%</b>	100%	87%	37%	29%	10%	59%	69%	61%	76%
<b>2014</b>	11 973	11 972	4 096	3 621	488	8 954	10 516	6 244	15
<b>2015</b>	157 053	133 817	51 734	41 287	15 387	91 028	108 195	92 722	140 493
<b>2016</b>	164 772	138 885	57 851	44 785	16 396	96 186	112 486	96 850	148 476
<b>2017</b>	162 179	138 845	59 451	46 057	16 806	95 731	113 077	95 808	146 179
<b>2018</b>	171 987	141 059	61 997	46 490	16 254	97 012	114 069	99 356	159 380
<b>2019</b>	167 412	139 514	63 413	48 047	15 410	96 712	111 422	102 338	153 705
<b>2020</b>	139 851	139 843	59 796	55 293	16 077	94 237	104 533	100 608	234
<b>2021</b>	4 247	4 178	893	3 105	8	252	306	120	106
Non-Unpaywall	27 750	27 266	11 676	1 411	375	6 402	14 768	2 471	6 908
Grand Total	1 007 224	875 379	370 907	290 096	97 201	586 514	689 372	596 517	755 496

## Open Access

Year	is_OA	FR-15-20	HAL	PUBMED	ADS	WoS	Scopus	MAG	BSO	
	979 474	848 113	359 231	288 685	96 826	580 112	674 604	594 046	748 588	617 227
%	49%	50%	62%	58%	73%	55%	52%	49%	50%	
<b>2014</b>	41%	0	0	0	0	0	0	0	0	
<b>2015</b>	44,5%	45,4%	57%	54%	67%	50%	47%	45%	45,5%	
<b>2016</b>	46,6%	47,8%	60%	57%	71%	53%	50%	47%	47,6%	
<b>2017</b>	48,9%	50,0%	62%	59%	74%	55%	52%	49%	50,0%	
<b>2018</b>	49,9%	51,7%	64%	61%	75%	57%	53%	51%	50,6%	
<b>2019</b>	52,8%	53,8%	67%	62%	78%	59%	56%	52%	53,5%	54,8%
<b>2020</b>	52,6%	52,6%	64%	59%	76%	56%	55%	51%	0	
<b>2021</b>	45%	45%	0	35%	0	0	0	0	0	
<b>Non</b>	0									
<b>2019</b>	88 365	75 070	42 316	29 907	11 981	56 975	61 854	53 392	82 267	

journal-article

Year	is_OA	FR-15-20	HAL	PUBMED	ADS	WoS	Scopus	MAG	BSO
	797 449	717 896	318 286	286 201	89 421	541 874	579 106	522 035	606 930
%	53%	53%	64%	59%	76%	56%	55%	52%	53%
<b>2014</b>	46%	0	0	0	0	0	0	0	0
<b>2015</b>	48%	48%	58%	54%	72%	51%	50%	47%	49%
<b>2016</b>	51%	51%	61%	57%	75%	55%	53%	49%	52%
<b>2017</b>	53%	53%	64%	60%	76%	57%	56%	52%	54%
<b>2018</b>	55%	55%	66%	61%	78%	58%	57%	53%	55%
<b>2019</b>	56,4%	57,3%	69%	63%	80%	60%	59%	55%	56,7%
<b>2020</b>	55%	55%	66%	59%	78%	57%	58%	53%	0
<b>2021</b>	46%	46%	0	42%	0	0	0	0	0
<b>2019</b>	75 413	67 285	38 513	29 818	11 608	54 473	56 538	48 647	70 197

Non-Upw

Table describing the entries not matched with Unpaywall

Year	All	FR-15-20	HAL	PUBMED	ADS	WoS	Scopus	MAG	BSO
	27 750	26 588	11 676	1 411	375	6 402	14 768	2 471	6 908
%		96%	42%	5%	1%	23%	53%	9%	25%
<b>2014</b>	0	0	0	0	0	0	0	0	0
<b>2015</b>	0	4 017	1 503	262	79	1 111	2 538	458	1 070
<b>2016</b>	0	3 933	1 676	160	18	1 028	2 070	102	1 331
<b>2017</b>	0	3 862	1 776	180	48	719	2 141	178	1 486
<b>2018</b>	0	3 859	1 778	163	55	831	2 143	189	1 436
<b>2019</b>	0	4 372	2 159	286	109	801	2 204	102	1 585
<b>2020</b>	0	6 473	2 784	286	66	1 912	3 672	1 442	0
<b>2021</b>	0	72	0	74	0	0	0	0	0
Non	27 750								0
	27 750	26 588	11 676	1 411	375	6 402	14 768	2 471	6 908

<b>HAL</b>	<b>2015</b>	<b>2015</b>	<b>2016</b>	<b>2016</b>	<b>2017</b>	<b>2017</b>	<b>2018</b>	<b>2018</b>	<b>2019</b>	<b>2019</b>	<b>2020</b>	<b>2020</b>	<b>Grand Total</b>
Number of entries	154 975	154 975	163 326	163 326	162 278	162 278	164 437	164 437	158 936	158 936	128 813	128 813	
With DOI	54 983	35%	60 912	37%	61 750	38%	65 058	40%	68 271	43%	66 762	52%	377 736
without DOI duplicates	54 341	35%	60 203	37%	61 031	38%	64 210	39%	66 836	42%	64 991	50%	371 612
With file (full-text)	51 116	33%	55 707	34%	58 908	36%	61 721	38%	66 181	42%	63 376	49%	
Peer review	105 351	68%	110 941	68%	109 797	68%	111 966	68%	109 312	69%	86 825	67%	
ART	68 440	44%	73 304	45%	73 316	45%	76 088	46%	75 648	48%	73 416	57%	
COMM	40 430	26%	41 687	26%	39 900	25%	39 546	24%	36 162	23%	15 885	12%	
COUV	14 241	9%	14 747	9%	13 954	9%	14 188	9%	12 633	8%	11 347	9%	
THESE	8 495	5%	8 829	5%	9 248	6%	8 927	5%	8 237	5%	5 739	4%	
POSTER	3 975	3%	4 407	3%	4 280	3%	4 205	3%	4 358	3%	899	1%	
MEM	3 718	2%	4 292	3%	5 300	3%	5 392	3%	5 340	3%	4 594	4%	

<b>PUBMED</b>	<b>2015</b>	<b>2015</b>	<b>2016</b>	<b>2016</b>	<b>2017</b>	<b>2017</b>	<b>2018</b>	<b>2018</b>	<b>2019</b>	<b>2019</b>	<b>2020</b>	<b>2020</b>	<b>2021</b>	<b>Grand Total</b>
Number of entries	48 365	48365	52 743	52743	54 222	54222	54 412	54412	56 038	56038	63 913	63913		329 693
With DOI	47 931	99%	52 115	99%	53 692	99%	53 892	99%	55 531	99%	63 428	99%		
without DOI duplicates	47 923		52 111		53 683		53 880		55 516		54 732		8 505	
without global duplicates	47 923		45 125		46 291		46 506		48 388		47 357			281 590

ADS	2015	2015	2016	2016	2017	2017	2018	2018	2019	2019	2020	2020	Grand Total
Number of entries	19 063	19063	19 967	19967	20 846	20846	20 047	20047	19 997	19997	20 129	20129	97 201
With DOI	15 346	81%	16 218	81%	16 987	81%	16 324	81%	15 764	79%	16 637	83%	
without DOI duplicates	15 343		16 216		16 982		16 304		15 731		16 625		
article	12 869	68%	14 177	71%	14 498	70%	14 313	71%	14 200	71%	14 944	74%	
inproceedings	2 022	11%	2 170	11%	2 522	12%	1 945	10%	1 591	8%	1 597	8%	
abstract	3 524	18%	3 516	18%	3 702	18%	3 630	18%	4 075	20%	3 441	17%	
inbook	589	3%	12	0%	22	0%	52	0%	21	0%	4	0%	
erratum	37	0%	44	0%	63	0%	61	0%	60	0%	65	0%	

WoS / InCites	2015	2015	2016	2016	2017	2017	2018	2018	2019	2019	2020	2020	Grand Total
Number of entries	113 645	113 645	116 996	116 996	117 327	117 327	116 567	116 567	119 635	119 635	114 335	114 335	586 534
With DOI	91 463	80%	96 487	82%	96 651	82%	97 959	84%	101 380	85%	102 684	90%	
without DOI duplicates	91 453		96 476		96 623		97 934		101 377		102 671		
Article	74 412	65%	77 449	66%	78 336	67%	77 596	67%	80 377	67%	83 336	73%	
Proceedings paper	15 480	14%	15 281	13%	14 372	12%	13 200	11%	11 762	10%	6 308	6%	
Meeting Abstract	11 519	10%	10 777	9%	10 540	9%	10 944	9%	11 513	10%	6 896	6%	
Review	4 616	4%	5 169	4%	5 542	5%	6 126	5%	6 791	6%	7 889	7%	
Editorial Material	3 540	3%	3 753	3%	3 789	3%	4 033	3%	4 295	4%	4 739	4%	
Letter	1 964	2%	2 232	2%	2 303	2%	2 326	2%	2 535	2%	3 010	3%	
Top 1%	2 143	1,9%	2 171	1,9%	2 119	1,8%	2 265	1,9%	2 229	1,9%	1 919	1,7%	
Top10%	14 791	13,0%	15 451	13,2%	14 945	12,7%	14 682	12,6%	14 518	12,1%	13 561	11,9%	

<b>Scopus Scival</b>	<b>2015</b>	<b>2015</b>	<b>2016</b>	<b>2016</b>	<b>2017</b>	<b>2017</b>	<b>2018</b>	<b>2018</b>	<b>2019</b>	<b>2019</b>	<b>2020</b>	<b>2020</b>	Grand Total
Number of entries	121 073	121 073	122 592	122 592	124 256	124 256	124 231	124 231	122 376	122 376	123 837	123 841	
With DOI	111 389	92%	114 019	93%	116 308	94%	117 122	94%	115 529	94%	118 420	96%	692 787
without DOI duplicates	110 712		113 327		115 318		116 582		115 273		118 357		689 569
Number of authors	Mean	11,3	Mean	12,6	Mean	12,4	Mean	13,4	Mean	13,0	Mean	12,3	
	Median	4	Median	4	Median	5	Median	5	Median	5	Median	5	
	Max	5 154	Max	5 567	Max	3 612	Max	5 097	Max	5 215	Max	5 246	
	1	13 590	1	13 218	1	13 303	1	12 572	1	10 911	1	10 112	
	> 20	3 670	> 20	4 185	> 20	4 408	> 20	4 933	> 20	5 076	> 20	6 081	
	> 25	2 579	> 25	3 030	> 25	3 122	> 25	3 514	> 25	3 603	> 25	4 265	
Article	80 009	66%	81 284	66%	81 803	66%	82 350	66%	82 037	67%	87 994	71%	
Review	6 828	6%	7 751	6%	8 111	7%	8 570	7%	8 486	7%	9 741	8%	
Conference paper	21 381	18%	20 470	17%	20 308	16%	19 167	15%	19 608	16%	14 473	12%	
Chapter	4 743	4%	4 722	4%	5 478	4%	5 139	4%	3 571	3%	2 316	2%	
Open access (Scopus)	50 953	42%	55 138	45%	59 264	48%	61 826	50%	69 163	57%	74 514	60%	



<b>MAG</b>	<b>2015</b>	<b>2015</b>	<b>2016</b>	<b>2016</b>	<b>2017</b>	<b>2017</b>	<b>2018</b>	<b>2018</b>	<b>2019</b>	<b>2019</b>	<b>2020</b>	<b>2020</b>	<b>2021</b>	<b>Grand Total</b>
Number of entries	93 107		96 896		99 749		95 116		101 885		109 762			596 515

<b>BSO</b>	<b>2015</b>	<b>2015</b>	<b>2019</b>	<b>2019</b>
<b>Number of entries</b>	<b>141 697</b>	<b>141 697</b>	<b>155 599</b>	<b>155 599</b>
With DOI	141 697	100%	155 599	100%
journal-article	115 821	82%	124 846	80%
proceedings-article	10 790	8%	11 759	8%
book-chapter	12 896	9%	11 827	8%
other	1 365	1%	6 237	4%
OA	71 192	50%	86 816	56%
closed	70 524	50%	68 783	44%
gold	2 635	2%	5 463	4%
gold;green	15 297	11%	22 203	14%
green	25 426	18%	25 518	16%
green;hybrid	5 006	4%	9 040	6%
hybrid	1 654	1%	2 850	2%
bronze;green	9 741	7%	7 462	5%
bronze	11 344	8%	14 103	9%
	141 627		155 422	