

Academic Rankings with RePEc

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and

all RePEc volunteers

RePEc.org

Why?

Because I can

Unique data

RePEc: bibliographic metadata

CitEc: citation analysis

LogEc: download statistics

RePEc Author Service

EDIRC: institution data

Coverage

200'000 papers

250'000 articles

12'000 authors

3'000 institutions

730'000 matched citations

Impact factors

$$\text{Simple IF} = \frac{\text{number of citations}}{\text{number of papers or articles}}$$

$$\text{Recursive IF} = A \frac{\sum \text{Recursive IF citations}}{\text{number of papers or articles}}$$

How do IF relate?

Series type	All		w/ ≥ 50 items	
	correl.	obs.	correl.	obs.
Rank correlations				
All	.969	2439	.972	1191
Journals	.975	580	.973	438
WP series	.976	1670	.964	721
Correlations				
All	.832	2439	.11	1191
Journals	.87	580	.872	438
WP series	.86	1670	.862	721

And for individual items?

$\text{Corr}(\text{nb}, \text{simple}) = 0.71$

$\text{Corr}(\text{nb}, \text{recursive}) = 0.499$

$\text{Corr}(\text{simple}, \text{recursive}) = .806$

Author Criteria

1. Number of Works
2. Citations
3. Page Counts
4. Download Counts

Number of Works

1. Simple count;
2. Count divided by number of authors on each work;
3. Count with simple impact factor weights;
4. Count with simple impact factor weights divided by number of authors on each work;
5. Count with recursive impact factor weights;
6. Count with recursive impact factor weights divided by number of authors on each work.

Citations

1. Simple citation count;
2. Citation count divided by number of authors on each work;
3. Citation count with simple impact factor weights;
4. Citation count with simple impact factor weights divided by number of authors on each work;
5. Citation count with recursive impact factor weights;
6. Citation count with recursive impact factor weights divided by number of authors on each work;
7. h-index.

Page Counts

1. Simple page count;
2. Page count divided by number of authors on each work;
3. Page count with simple impact factor weights;
4. Page count with simple impact factor weights divided by number of authors on each work;
5. Page count with recursive impact factor weights;
6. Page count with recursive impact factor weights divided by number of authors on each work;

Download Counts

1. Total abstract views in the past 12 months;
2. Total abstract views per author in the past 12 months;
3. Total downloads in the past 12 months;
4. Total downloads per author in the past 12 months.

DNb	Sc	WSc	ANb	ASc	AWSc	Nb	Sc	WSc	ANb	ASc	AWSc	H	Nb	Sc	WSc	ANb	ASc	AWSc	Abs	Down	AAbs	AD
Works	Works	Works	Works	Works	Works	Cites	Cites	Cites	Cites	Cites	Cites	Index	Pages	Pages	Pages	Pages	Pages	Pages	Views	loads	Views	loads
.989	.874	.814	.959	.864	.806	.811	.775	.761	.805	.774	.759	.797	.845	.804	.78	.827	.796	.774	.895	.83	.86	.79
	.849	.786	.969	.843	.781	.788	.749	.733	.785	.749	.734	.775	.848	.792	.768	.833	.786	.764	.88	.815	.861	.79
.849	1	.962	.832	.989	.953	.859	.859	.85	.855	.858	.849	.838	.825	.89	.872	.81	.882	.866	.784	.73	.75	.69
.786	.962	1	.773	.951	.992	.824	.833	.836	.82	.832	.835	.799	.777	.852	.867	.764	.844	.861	.731	.684	.697	.64
.969	.832	.773	1	.856	.792	.759	.725	.712	.772	.736	.721	.743	.83	.782	.76	.842	.791	.768	.85	.785	.882	.80
.843	.989	.951	.856	1	.96	.84	.841	.833	.847	.848	.838	.819	.818	.883	.866	.82	.887	.87	.771	.717	.767	.71
.781	.953	.992	.792	.96	1	.808	.819	.822	.814	.824	.826	.783	.772	.847	.862	.773	.849	.866	.72	.672	.711	.66
.788	.859	.824	.759	.84	.808	1	.974	.959	.99	.968	.954	.95	.805	.845	.821	.781	.831	.809	.757	.72	.714	.67
.749	.859	.833	.725	.841	.819	.974	1	.99	.965	.995	.986	.917	.776	.839	.818	.755	.825	.807	.724	.688	.684	.64
.733	.85	.836	.712	.833	.822	.959	.99	1	.951	.985	.996	.908	.763	.829	.816	.744	.817	.805	.711	.675	.672	.63
.785	.855	.82	.772	.847	.814	.99	.965	.951	1	.973	.957	.935	.807	.847	.823	.796	.841	.818	.748	.712	.724	.68
.749	.858	.832	.736	.848	.824	.968	.995	.985	.973	1	.99	.914	.779	.842	.821	.767	.834	.815	.72	.683	.692	.65
.734	.849	.835	.721	.838	.826	.954	.986	.996	.957	.99	1	.905	.766	.832	.818	.754	.824	.812	.708	.671	.678	.64
.775	.838	.799	.743	.819	.783	.95	.917	.908	.935	.914	.905	1	.774	.806	.785	.752	.794	.775	.734	.697	.691	.65
.848	.825	.777	.83	.818	.772	.805	.776	.763	.807	.779	.766	.774	1	.933	.904	.984	.928	.9	.706	.648	.689	.62
.792	.89	.852	.782	.883	.847	.845	.839	.829	.847	.842	.832	.806	.933	1	.976	.92	.993	.971	.683	.629	.661	.60
.768	.872	.867	.76	.866	.862	.821	.818	.816	.823	.821	.818	.785	.904	.976	1	.893	.97	.995	.66	.608	.64	.58
.833	.81	.764	.842	.82	.773	.781	.755	.744	.796	.767	.754	.752	.984	.92	.893	1	.933	.903	.686	.628	.692	.62
.786	.882	.844	.791	.887	.849	.831	.825	.817	.841	.834	.824	.794	.928	.993	.97	.933	1	.976	.672	.618	.665	.60
.764	.866	.861	.768	.87	.866	.809	.807	.805	.818	.815	.812	.775	.9	.971	.995	.903	.976	1	.652	.599	.642	.58
.88	.784	.731	.85	.771	.72	.757	.724	.711	.748	.72	.708	.734	.706	.683	.66	.686	.672	.652	1	.956	.957	.91
.815	.73	.684	.785	.717	.672	.72	.688	.675	.712	.683	.671	.697	.648	.629	.608	.628	.618	.599	.956	1	.912	.95
.861	.75	.697	.882	.767	.711	.714	.684	.672	.724	.692	.678	.691	.689	.661	.64	.692	.665	.642	.957	.912	1	.95
.79	.695	.649	.808	.71	.66	.677	.647	.636	.686	.654	.641	.653	.625	.604	.583	.626	.605	.585	.913	.957	.95	1

DNb	Sc	WSc	ANb	ASc	AWSc	Nb	Sc	WSc	ANb	ASc	AWSc	H	Nb	Sc	WSc	ANb	ASc	AWSc	Abs	Down	Abs	AD
Works	Works	Works	Works	Works	Works	Cites	Cites	Cites	Cites	Cites	Cites	Index	Pages	Pages	Pages	Pages	Pages	Pages	Views	loads	Views	loads
858	.502	.445	.718	.484	.431	.491	.467	.448	.484	.46	.441	.469	.409	.419	.411	.376	.405	.398	.622	.485	.546	.411
	.313	.261	.785	.315	.261	.284	.258	.244	.291	.265	.25	.261	.347	.274	.26	.34	.276	.26	.447	.347	.476	.351
313	1	.939	.368	.982	.927	.848	.867	.852	.843	.862	.845	.831	.756	.9	.872	.71	.882	.861	.408	.359	.355	.322
261	.939	1	.343	.928	.99	.781	.821	.838	.778	.815	.831	.769	.71	.869	.902	.678	.852	.891	.353	.317	.326	.3
785	.368	.343	1	.458	.405	.308	.326	.32	.375	.373	.36	.29	.383	.361	.345	.497	.422	.395	.375	.297	.6	.431
315	.982	.928	.458	1	.941	.813	.845	.833	.832	.857	.842	.8	.759	.9	.868	.754	.906	.878	.383	.334	.396	.351
261	.927	.99	.405	.941	1	.754	.803	.82	.768	.809	.824	.746	.71	.869	.898	.706	.869	.904	.332	.297	.352	.311
284	.848	.781	.308	.813	.754	1	.959	.926	.987	.945	.913	.969	.659	.81	.782	.605	.781	.759	.486	.475	.412	.423
258	.867	.821	.326	.845	.803	.959	1	.982	.954	.991	.974	.93	.655	.842	.817	.62	.821	.8	.444	.428	.403	.401
244	.852	.838	.32	.833	.82	.926	.982	1	.923	.975	.993	.903	.639	.834	.828	.611	.815	.813	.426	.41	.396	.391
291	.843	.778	.375	.832	.768	.987	.954	.923	1	.96	.927	.959	.667	.816	.783	.642	.803	.774	.47	.461	.447	.441
265	.862	.815	.373	.857	.809	.945	.991	.975	.96	1	.982	.92	.659	.843	.814	.645	.835	.809	.432	.419	.428	.423
25	.845	.831	.36	.842	.824	.913	.974	.993	.927	.982	1	.893	.64	.833	.825	.63	.827	.82	.414	.401	.415	.411
261	.831	.769	.29	.8	.746	.969	.93	.903	.959	.92	.893	1	.647	.787	.762	.597	.762	.743	.457	.445	.384	.391
347	.756	.71	.383	.759	.71	.659	.655	.639	.667	.659	.64	.647	1	.849	.785	.964	.839	.78	.258	.252	.263	.261
274	.9	.869	.361	.9	.869	.81	.842	.834	.816	.843	.833	.787	.849	1	.95	.827	.988	.945	.336	.305	.306	.291
26	.872	.902	.345	.868	.898	.782	.817	.828	.783	.814	.825	.762	.785	.95	1	.761	.937	.99	.338	.31	.306	.291
34	.71	.678	.497	.754	.706	.605	.62	.611	.642	.645	.63	.597	.964	.827	.761	1	.852	.785	.224	.219	.314	.291
276	.882	.852	.422	.906	.869	.781	.821	.815	.803	.835	.827	.762	.839	.988	.937	.852	1	.951	.315	.287	.331	.311
26	.861	.891	.395	.878	.904	.759	.8	.813	.774	.809	.82	.743	.78	.945	.99	.785	.951	1	.319	.292	.324	.301
447	.408	.353	.375	.383	.332	.486	.444	.426	.47	.432	.414	.457	.258	.336	.338	.224	.315	.319	1	.886	.842	.751
347	.359	.317	.297	.334	.297	.475	.428	.41	.461	.419	.401	.445	.252	.305	.31	.219	.287	.292	.886	1	.771	.901
476	.355	.326	.6	.396	.352	.412	.403	.396	.447	.428	.415	.384	.263	.306	.306	.314	.331	.324	.842	.771	1	.861
352	.328	.3	.439	.352	.315	.423	.406	.398	.448	.425	.413	.396	.267	.295	.296	.296	.311	.306	.758	.907	.864	1

Aggregating criteria

1. Harmonic mean
2. Arithmetic mean
3. Geometric mean
4. Lexicographic ranking
5. Graphicolexic ranking
6. “Percent of maximum”

Repeat by eliminating outliers.

exclude outliers?	harmonic		arithmetic		geometric		lexicographic		graphicolexic		percent	
	no	yes	no	yes	no	yes	no	yes	no	yes	no	yes
harmonic no	1	1	.9901	.9897	.9951	.9947	.9749	.9722	.9187	.9187	.9905	.9905
harmonic yes	1	1	.9898	.9895	.9949	.9946	.9753	.9726	.9175	.9175	.9904	.9904
arithmetic no	.9901	.9898	1	1	.9968	.9975	.9447	.9411	.9482	.9482	.9836	.9849
arithmetic yes	.9897	.9895	1	1	.9966	.9974	.9432	.9396	.947	.947	.983	.9843
geometric no	.9951	.9949	.9968	.9966	1	.9999	.959	.9559	.9334	.9334	.9871	.9877
geometric yes	.9947	.9946	.9975	.9974	.9999	1	.9563	.9531	.9341	.9341	.9865	.9872
lexicographic no	.9749	.9753	.9447	.9432	.959	.9563	1	.9993	.8554	.8554	.9678	.9659
lexicographic yes	.9722	.9726	.9411	.9396	.9559	.9531	.9993	1	.8497	.8497	.9654	.9632
graphicolexic no	.9187	.9175	.9482	.947	.9334	.9341	.8554	.8497	1	1	.9227	.9257
graphicolexic yes	.9187	.9175	.9482	.947	.9334	.9341	.8554	.8497	1	1	.9227	.9257
percent no	.9905	.9904	.9836	.983	.9871	.9865	.9678	.9654	.9227	.9227	1	.9995
percent yes	.9905	.9904	.9849	.9843	.9877	.9872	.9659	.9632	.9257	.9257	.9995	1

exclude outliers?	harmonic		arithmetic		geometric		lexicographic		graphicolexic		percent	
	no	yes	no	yes	no	yes	no	yes	no	yes	no	yes
harmonic no	1	1	.8266	.8268	.9428	.9354	.894	.8939	.6676	.6676	.9893	.9885
harmonic yes	1	1	.8254	.8257	.942	.9346	.895	.8949	.6659	.6659	.9892	.9883
arithmetic no	.8266	.8254	1	.9999	.9629	.9674	.6054	.6053	.9421	.9421	.8635	.8774
arithmetic yes	.8268	.8257	.9999	1	.9632	.9678	.6047	.6046	.9395	.9395	.8636	.8775
geometric no	.9428	.942	.9629	.9632	1	.9997	.7514	.7512	.8511	.8511	.9594	.9686
geometric yes	.9354	.9346	.9674	.9678	.9997	1	.7377	.7376	.8576	.8576	.9533	.9633
lexicographic no	.894	.895	.6054	.6047	.7514	.7377	1	1	.4418	.4418	.8839	.8665
lexicographic yes	.8939	.8949	.6053	.6046	.7512	.7376	1	1	.4417	.4417	.8838	.8664
graphicolexic no	.6676	.6659	.9421	.9395	.8511	.8576	.4418	.4417	1	1	.7112	.7282
graphicolexic yes	.6676	.6659	.9421	.9395	.8511	.8576	.4418	.4417	1	1	.7112	.7282
percent no	.9893	.9892	.8635	.8636	.9594	.9533	.8839	.8838	.7112	.7112	1	.9988
percent yes	.9885	.9883	.8774	.8775	.9686	.9633	.8665	.8664	.7282	.7282	.9988	1

Sample	Individual criteria			Aggregate criteria		
	mean	max	min	mean	max	min
Full	.804	.996	.583	.961	1	.85
1-250	.533	.99	-.064	.719	1	.205
1-500	.581	.991	.131	.805	1	.383
1-750	.608	.993	.182	.835	1	.446
1-1000	.611	.993	.219	.836	1	.442
1-2000	.628	.993	.219	.862	1	.511
1-3000	.644	.993	.246	.889	1	.603
1-4000	.664	.993	.294	.906	1	.64
4001-8000	.508	.991	.01	.896	1	.618
8001-12000	.308	.99	-.14	.837	1	.42
1001-2000	.523	.992	-.035	.84	1	.426
2001-3000	.477	.991	-.126	.863	1	.508
3001-4000	.44	.99	-.165	.844	1	.44
4001-5000	.401	.99	-.269	.824	1	.36
5001-6000	.38	.989	-.229	.835	1	.421
6001-7000	.351	.99	-.239	.857	1	.489
7001-8000	.352	.991	-.181	.918	1	.699
8001-12000	.301	.99	-.14	.837	1	.42

Institutions

Affiliations of authors

Sum of individual criteria

DNb	Sc	WSc	ANb	ASc	AWSc	Nb	Sc	WSc	ANb	ASc	AWSc	H	Nb	Sc	WSc	ANb	ASc	AWSc	Abs	Down	AAbs	AD	
Works	Works	Works	Works	Works	Works	Cites	Cites	Cites	Cites	Cites	Cites	Index	Pages	Pages	Pages	Pages	Pages	Pages	Pages	Views	loads	Views	loads
995	.874	.818	.988	.857	.804	.766	.711	.693	.743	.691	.681	.931	.957	.842	.793	.947	.828	.779	.943	.908	.913	.87	
	.854	.795	.992	.838	.781	.744	.686	.669	.722	.668	.658	.923	.96	.825	.775	.95	.812	.762	.937	.904	.913	.87	
854	1	.985	.888	.996	.979	.955	.932	.92	.942	.918	.914	.94	.919	.984	.963	.925	.981	.957	.918	.916	.916	.90	
795	.985	1	.833	.984	.996	.961	.952	.951	.948	.938	.944	.902	.865	.966	.967	.874	.965	.964	.884	.887	.886	.88	
992	.888	.833	1	.878	.826	.781	.728	.711	.766	.716	.705	.931	.969	.859	.81	.969	.852	.803	.941	.91	.928	.88	
838	.996	.984	.878	1	.985	.953	.932	.919	.949	.927	.921	.922	.906	.981	.96	.919	.984	.961	.904	.902	.91	.90	
781	.979	.996	.826	.985	1	.956	.949	.946	.952	.944	.948	.886	.854	.961	.963	.869	.966	.967	.87	.874	.881	.88	
744	.955	.961	.781	.953	.956	1	.992	.981	.991	.982	.979	.891	.829	.953	.963	.836	.95	.958	.871	.893	.881	.89	
686	.932	.952	.728	.932	.949	.992	1	.993	.985	.991	.991	.848	.778	.931	.953	.787	.93	.95	.829	.851	.845	.86	
669	.92	.951	.711	.919	.946	.981	.993	1	.968	.979	.991	.83	.759	.917	.944	.767	.915	.94	.813	.836	.828	.84	
722	.942	.948	.766	.949	.952	.991	.985	.968	1	.993	.983	.869	.81	.942	.955	.824	.947	.958	.851	.873	.876	.89	
668	.918	.938	.716	.927	.944	.982	.991	.979	.993	1	.994	.827	.761	.92	.945	.776	.926	.948	.811	.834	.841	.86	
658	.914	.944	.705	.921	.948	.979	.991	.991	.983	.994	1	.818	.75	.914	.943	.764	.919	.947	.803	.826	.831	.85	
923	.94	.902	.931	.922	.886	.891	.848	.83	.869	.827	.818	1	.949	.917	.891	.942	.901	.876	.954	.951	.938	.92	
96	.919	.865	.969	.906	.854	.829	.778	.759	.81	.761	.75	.949	1	.915	.871	.996	.904	.86	.932	.912	.918	.89	
825	.984	.966	.859	.981	.961	.953	.931	.917	.942	.92	.914	.917	.915	1	.979	.92	.996	.973	.895	.894	.899	.89	
775	.963	.967	.81	.96	.963	.963	.953	.944	.955	.945	.943	.891	.871	.979	1	.878	.976	.996	.869	.875	.881	.88	
95	.925	.874	.969	.919	.869	.836	.787	.767	.824	.776	.764	.942	.996	.92	.878	1	.916	.873	.925	.906	.919	.89	
812	.981	.965	.852	.984	.966	.95	.93	.915	.947	.926	.919	.901	.904	.996	.976	.916	1	.977	.882	.881	.894	.88	
762	.957	.964	.803	.961	.967	.958	.95	.94	.958	.948	.947	.876	.86	.973	.996	.873	.977	1	.856	.862	.875	.87	
937	.918	.884	.941	.904	.87	.871	.829	.813	.851	.811	.803	.954	.932	.895	.869	.925	.882	.856	1	.988	.987	.96	
904	.916	.887	.91	.902	.874	.893	.851	.836	.873	.834	.826	.951	.912	.894	.875	.906	.881	.862	.988	1	.98	.98	
913	.916	.886	.928	.91	.881	.881	.845	.828	.876	.841	.831	.938	.918	.899	.881	.919	.894	.875	.987	.98	1	.98	
871	.907	.883	.889	.903	.88	.899	.864	.847	.896	.863	.852	.925	.89	.892	.881	.892	.888	.876	.967	.983	.987	1	

DNb	Sc	WSc	ANb	ASc	AWSc	Nb	Sc	WSc	ANb	ASc	AWSc	H	Nb	Sc	WSc	ANb	ASc	AWSc	Abs	Down	AAbs	AD	
Works	Works	Works	Works	Works	Works	Cites	Cites	Cites	Cites	Cites	Cites	Index	Pages	Pages	Pages	Pages	Pages	Pages	Pages	Views	loads	Views	loads
986	.796	.729	.975	.774	.71	.58	.516	.52	.538	.479	.494	.89	.9	.716	.641	.889	.702	.62	.895	.839	.824	.74	
	.758	.688	.984	.741	.673	.533	.468	.474	.499	.44	.455	.864	.908	.691	.618	.899	.683	.602	.868	.822	.824	.74	
758	1	.972	.787	.989	.963	.849	.823	.823	.812	.786	.804	.878	.846	.942	.89	.843	.934	.874	.783	.758	.728	.69	
688	.972	1	.718	.96	.989	.849	.833	.841	.81	.792	.82	.83	.765	.91	.905	.776	.904	.888	.652	.716	.665	.65	
984	.787	.718	1	.785	.717	.56	.499	.503	.539	.481	.495	.869	.904	.713	.641	.919	.718	.635	.84	.82	.841	.76	
741	.989	.96	.785	1	.971	.833	.808	.806	.82	.794	.809	.852	.829	.927	.878	.842	.938	.88	.756	.735	.726	.69	
672	.963	.989	.716	.971	1	.834	.819	.823	.818	.801	.824	.806	.721	.894	.897	.769	.909	.899	.533	.686	.634	.65	
533	.849	.849	.56	.833	.834	1	.989	.976	.969	.956	.959	.765	.646	.847	.833	.637	.831	.81	.676	.718	.639	.67	
468	.823	.833	.499	.808	.819	.989	1	.985	.963	.969	.971	.716	.591	.825	.823	.585	.811	.799	.62	.664	.592	.63	
474	.823	.841	.503	.806	.823	.976	.985	1	.937	.941	.968	.718	.595	.826	.826	.589	.81	.799	.618	.667	.593	.63	
499	.812	.81	.539	.82	.818	.969	.963	.937	1	.991	.98	.717	.61	.811	.803	.617	.817	.8	.629	.675	.636	.68	
44	.786	.792	.481	.794	.801	.956	.969	.941	.991	1	.988	.67	.559	.787	.789	.567	.794	.786	.578	.625	.591	.64	
455	.804	.82	.495	.809	.824	.959	.971	.968	.98	.988	1	.689	.573	.807	.813	.583	.813	.807	.574	.638	.598	.64	
862	.878	.83	.869	.852	.806	.765	.715	.718	.717	.67	.689	1	.733	.812	.769	.828	.812	.744	.456	.791	.647	.73	
912	.847	.784	.912	.83	.77	.646	.591	.596	.611	.559	.577	.881	1	.85	.78	.988	.84	.762	.811	.76	.753	.68	
691	.942	.912	.714	.927	.901	.847	.825	.826	.811	.787	.808	.831	.85	1	.959	.84	.989	.943	.717	.7	.674	.64	
618	.89	.905	.641	.878	.897	.833	.823	.826	.803	.789	.813	.769	.779	.959	1	.773	.952	.988	.66	.653	.627	.61	
9	.843	.78	.921	.842	.781	.637	.585	.589	.618	.567	.584	.867	.988	.84	.773	1	.847	.771	.794	.745	.756	.69	
683	.934	.904	.718	.938	.911	.831	.811	.81	.817	.794	.813	.816	.84	.989	.952	.847	1	.956	.701	.684	.679	.65	
602	.874	.888	.635	.88	.899	.81	.799	.799	.8	.786	.807	.744	.761	.943	.988	.771	.956	1	.635	.63	.623	.60	
891	.785	.739	.886	.76	.716	.677	.621	.627	.631	.579	.596	.869	.811	.717	.662	.795	.701	.639	1	.97	.953	.90	
823	.758	.721	.822	.736	.699	.718	.664	.668	.675	.625	.639	.834	.76	.7	.653	.745	.684	.631	.97	1	.935	.94	
828	.729	.684	.85	.727	.683	.639	.592	.595	.636	.591	.603	.796	.753	.674	.628	.757	.679	.624	.953	.935	1	.96	
743	.693	.656	.767	.694	.658	.674	.632	.631	.683	.642	.65	.747	.687	.648	.61	.691	.652	.607	.902	.942	.966	1	

exclude outliers?		harmonic		arithmetic		geometric		lexicographic		graphicolexic		percent	
		no	yes	no	yes	no	yes	no	yes	no	yes	no	yes
harmonic	no	1	1	.8249	.8299	.9178	.9167	.9961	.9961	.7021	.7021	.853	.8543
harmonic	yes	1	1	.8248	.8298	.9177	.9166	.9961	.9961	.702	.702	.8529	.8542
arithmetic	no	.8249	.8248	1	.9996	.9421	.9395	.8255	.8255	.8882	.8882	.9812	.9819
arithmetic	yes	.8299	.8298	.9996	1	.947	.9446	.8307	.8307	.8847	.8847	.9843	.9849
geometric	no	.9178	.9177	.9421	.947	1	.9999	.9206	.9206	.8143	.8143	.9762	.9772
geometric	yes	.9167	.9166	.9395	.9446	.9999	1	.9195	.9195	.8113	.8113	.9753	.9763
lexicographic	no	.9961	.9961	.8255	.8307	.9206	.9195	1	1	.7017	.7017	.8561	.8575
lexicographic	yes	.9961	.9961	.8255	.8307	.9206	.9195	1	1	.7017	.7017	.8561	.8575
graphicolexic	no	.7021	.702	.8882	.8847	.8143	.8113	.7017	.7017	1	1	.8566	.8575
graphicolexic	yes	.7021	.702	.8882	.8847	.8143	.8113	.7017	.7017	1	1	.8566	.8575
percent	no	.853	.8529	.9812	.9843	.9762	.9753	.8561	.8561	.8566	.8566	1	.9999
percent	yes	.8543	.8542	.9819	.9849	.9772	.9763	.8575	.8575	.8575	.8575	.9999	1

exclude outliers?		harmonic		arithmetic		geometric		lexicographic		graphicolexic		percent	
		no	yes	no	yes	no	yes	no	yes	no	yes	no	yes
harmonic	no	1	1	.5746	.5693	.8076	.8104	.9953	.9953	.6366	.6366	.5576	.5678
harmonic	yes	1	1	.5743	.569	.8073	.8101	.9953	.9953	.6363	.6363	.5573	.5675
arithmetic	no	.5746	.5743	1	.9986	.8066	.7893	.5718	.5718	.9799	.9799	.9001	.9043
arithmetic	yes	.5693	.569	.9986	1	.8131	.7967	.5679	.5679	.9707	.9707	.9122	.9161
geometric	no	.8076	.8073	.8066	.8131	1	.999	.8142	.8142	.7992	.7992	.8453	.8578
geometric	yes	.8104	.8101	.7893	.7967	.999	1	.8176	.8176	.7816	.7816	.8399	.8525
lexicographic	no	.9953	.9953	.5718	.5679	.8142	.8176	1	1	.6305	.6305	.5726	.5827
lexicographic	yes	.9953	.9953	.5718	.5679	.8142	.8176	1	1	.6305	.6305	.5726	.5827
graphicolexic	no	.6366	.6363	.9799	.9707	.7992	.7816	.6305	.6305	1	1	.8601	.8651
graphicolexic	yes	.6366	.6363	.9799	.9707	.7992	.7816	.6305	.6305	1	1	.8601	.8651
percent	no	.5576	.5573	.9001	.9122	.8453	.8399	.5726	.5726	.8601	.8601	1	.9987
percent	yes	.5678	.5675	.9043	.9161	.8578	.8525	.5827	.5827	.8651	.8651	.9987	1

Sample	Individual criteria			Aggregate criteria		
	mean	max	min	mean	max	min
Full	.893	.996	.658	.883	.996	.702
1-250	.763	.991	.44	.779	.995	.557
1-500	.815	.992	.526	.810	.994	.636
1-1000	.875	.995	.631	.851	.995	.711
1001-2000	.728	.996	-.051	.953	.999	.887
2001-3000	.441	1	-.996	.991	1	.974

Other rankings

Women

Geographic regions

Fields