Institutional Publication Metrics for Computer Science

Prospective students, parents, faculty, and university administrators use rankings to make decisions. This tool seeks to inform the process by creating better quantitative metrics on publications. These metrics are intentionally **incomplete** because they should be combined with qualitative expert opinion and other metrics, such as area citation practices, faculty size, awards, student graduation rates, and PhD placement. It is a work in progress.

To start, you must select a **year range**, discipline **category(s)**, **venue weightings**, and **venue lists**, and then **press**. Each time you make a new selection, you must press "Go" again **to update the institutional metrics table. Click on an column header and it will sort by that column.**

Year

Year of publication
Predicted: 2016 - 2016
Measured: 2007 - 2016

Venue Weights

Gain Mean: Predicted = 2 Expert Gain x Venue Weight
All: Ignore Venue Type

Venue List

Select Category: All

ALL | ARCHITECTURE | BIOINFORMATICS | CAD | COMPILERS | COMPUTER ARCHITECTURE | DATA MINING | DATABASES | DISTRIBUTED SYSTEMS | EDUCATION | EMBEDDED SYSTEMS | FORMAL METHODS | GRAPHICS | HCI | HIGH PERFORMANCE COMPUTING | KNOWLEDGE MANAGEMENT | MACHINE LEARNING | MANUFACTURING | MEDICAL COMPUTING | MICROARCHITECTURE | MOBILE COMPUTING | NETWORKS | NLP | OPERATING SYSTEMS | PARALLEL COMPUTING | PROGRAMMING LANGUAGES | REAL-TIME SYSTEMS | SECURITY | SOFTWARE ENGINEERING | STORAGE | SUPERCOMPUTING | THEORY | VLSI

Venue Weight

Venue List	Type	Publication	Weight
3DIM		3-D Imaging and Modeling	1
AAAI	C	AAAI Conference on Artificial Intelligence	5
AAMAS	C	International joint Conference on Autonomous Agents and Multiagent Systems	5
ACL	C	Association for Computational Linguistics	5
ACSAC	C	Annual Computer Security Applications Conference	5
ACM	J	ACM Transactions on Graphics	5
AICCSA	C	ACS/IEEE International Conference on Computer Systems and Applications	1
AIE	C	Applied Informatics and Electronics	1
AIM	J	AI Magazine	1
AINA	C	International Conference on Advanced Information Networking and Application	1
AINAC	C	Australian Conference on Artificial Intelligence	1
AMCS	C	ACS/IEEE Symposium on Architectures for Networking and Communications Systems	1
ANNALS	J	IEEE Annals of the History of Computing	2
APSEC	C	Asia Pacific Services Computing Conference	2
ARITH	C	IEEE Symposium on Computer Arithmetic	2
ASAP	C	International Conference on Algorithms and Architectures for Parallel Processing	2
ASE	C	Automated Software Engineering Conference	2
ASGCRYPT	C	International Conference on Sex Theory and Application to Cryptographic Protocols	2
ASPLOS	C	Architectural Support for Programming Languages and Operating Systems	2
ATS	C	Asian Test Symposium	2
AVBPA	C	Audio and Video-based Biometric Person Authentication	2
BIBE	C	IEEE Bioinformatics and Bioengineering	1
BIOINFORMATICS	J	Bioinformatics	1
BPM	C	International Conference in Business Process Management	1
CACM	J	Communications of the ACM	2
CAL	C	IEEE Computer Architecture Letters	1
CARDS	C	Workshop on Compilers, Compilers, Architecture, and Synthesis for Embedded Systems	1
CARS	C	Computer Aided Verification	1
CC	C	International Conference on Compiler Construction	1
CCC	C	IEEE Symposium on Computational Complexity	1
CCECE	C	Canadian Conference on Computational Geometry	1
CCGRID	C	IEEE/ACM International Symposium on Cluster, Cloud and Grid Computing	1
CCS	C	ACM Conference on Computer and Communications Security	1
CG	C	IEEE Computer Graphics and Applications	1
CGF	J	Computer Graphics Forum	1
CGO	C	International Symposium on Code Generation and Optimization	1
CHI	C	ACM Conference on Human Factors in Computing Systems	1
CIKM	C	ACM International Conference on Information and Knowledge Management	1
CLUSTER	C	International conference on Image and Video Retrieval	1
COLORS	C	International Conference on Cluster Computing	1
COLT	C	Annual Conference on Computational Learning Theory	1
COMPMAC	C	International Computer Software and Applications Conference	1
COMPUTER	J	Computer	1
COMSET	C	ACM International Conference on Emerging Networking Experiments and Technologies	1
CP	C	International Conference on Principles and Practice of Constraint Programming	1
CRYPTO	C	Advances in Cryptology	1
CSCW	C	Conference on Computer Supported Cooperative Work	1
CSE	J	Computing in Science & Engineering (Copublished with AIP and the Computer Society)	1
CSF	C	IEEE Computer Security Foundations	1
CSR	C	ACM Computing Surveys	1
CVPR	C	IEEE Conference on Computer Vision and Pattern Recognition	1
DAC	C	Digital Arts and Culture	1
DATE	C	Automated Discovery and Data Mining	1
DATE	C	Design, Automation and Test in Europe Conference	1
DCOSS	C	IEEE International Conference on Distributed Computing in Sensor Systems	1
DEBCO	C	IEEE International Symposium on Design and Diagnostics of Electronic Circuits and Systems	1
DIGITEL	C	IEEE International Conference on Digital Game and Intelligent Toy Enhanced Learning	1
DISC	C	International Symposium on Distributed Computing	1
DT	J	IEEE Design & Test of Computers	1
EC	C	ACM Conference on Electronic Commerce	1
ECAI	C	European Conference on Artificial Intelligence	1
ECCV	C	European Conference on Computer Vision	1
ECOOP	C	European Conference on Object Oriented Programming	1
EDBT	C	Extending Database Technology	1
EDOC	C	European Dependable Computing Conference	2
EMNLP	C	Empirical Methods in Natural Language Processing	1
EMSOFT	C	ACM Conference on Embedded Software	1
ER	C	International Conference on Conceptual Modeling	1
ESA	C	European Symposium on Algorithms	4
ESOP	C	European Symposium on Programming	1
ESORICS	C	European Symposium on Research in Computer Security	1
EUROCRYPT	C	International Conference on the Theory and Applications of Cryptographic Techniques	1
Eurosys	C	ACM Eurosys Conference	1
EXPERT	C	ACM Intelligent Systems	1
FASE	C	Fundamental Approaches to Software Engineering	1
FAST	C	USENIX Conference on File and Storage Technologies	1
FCCM	C	IEEE Symposium on Field-Programmable Custom Computing Machines	1
FDL	C	Formal Methods in Computer-Aided Design	1
FOCS	C	IEEE Symposium on Foundations of Computer Science	1
FSE	C	ACM SIGSOFT International Symposium on Foundations of Software Engineering	1
GECCO	C	Genetic and Evolutionary Computation Conference	1
GIS	C	ACM SIGSPATIAL International Conference on Advances in Geographic Information Systems	1
GPID	C	IEEE/ACM International Conference on Grid Computing	1
HiPC	C	International Conference on High Performance Computing	1
HiPEAC	C	International Conference on High Performance and Embedded Architectures and Compilers	1
HOT	C	IEEE Symposium on High Performance Interconnects	1
HotOS	C	USENIX Workshop on Hot Topics in Operating Systems	1
HPCA	C	International Symposium on High Performance Computer Architecture	1
HPDC	C	IEEE International Symposium on High Performance Computing & Communications Conference	1
HPDC	C	ACM International Symposium on High Performance Distributed Computing	1
HyperHyper	C	ACM Conference on Hypertext and Hypermedia	1
IDD	C	ACM SIGMOBILE Symposium on Interactive 3D Graphics and Games	1
IEA	C	Industrial Applications in AI	1
IADIS-FSE	C	Fast Software Encryption	1
ICAC	C	IEEE International Conference on Autonomic Computing	1
ICALP	C	International Colloquium on Automata, Languages and Programming	1
ICAPS	C	International Conference on Automated Planning and Scheduling	1
ICASSP	C	International Conference on Acoustics, Speech and Signal Processing	1
ICC	C	IEEE International Conference on Communications	1
ICCAD	C	IEEE/ACM International Conference on Computer-Aided Design	1
ICCCN	C	International Conference on Computer Communications and Networks	1
ICCV	C	IEEE International Conference on Computer Vision	1
ICDCS	C	International Conference on Distributed Computing Systems	1
ICDE	C	IEEE International Conference on Data Engineering	1
ICDM	C	IEEE International Conference on Data Mining	1
ICDT	C	International Conference on Database Theory	1
ICEBE	C	IEEE International Conference on e-Business Engineering	1
ICER	C	International Computing Education Research Workshop/Conference	1
ICFP	C	International Conference on Functional Programming	1
ICGSE	C	IEEE International Conference on Global Software Engineering	1
ICIS	C	IEEE International Conference on Information Systems	1
ICLP	C	International Conference on Logic Programming	1
ICML	C	International Conference on Machine Learning	1
ICNP	C	IEEE International Conference on Network Protocols	1
ICPP	C	International Conference on Parallel Processing	3
ICPR	C	International Conference on Pattern Recognition	1
ICRA	C	International Conference on Robotics and Automation	1
ICS	C	ACM International Conference on Supercomputing	1
ICSE	C	International Conference on Software Engineering	1
ICSM	C	IEEE International Conference on Software Maintenance	1
ICST	C	International Conference on Software Testing, Verification and Validation	1
ICWS	C	IEEE International Conference on Web Services	1
ICWSM	C	International Conference on Weblogs and Social Media	1
IEEE MICRO	J	IEEE Micro	1
IEEESWM	J	IEEE Multimedia	1
IEEVC	C	International Symposium on Workload Characterization	1
IJCAI	C	International Joint Conference on Artificial Intelligence	4
IJCAR	C	International Joint Conference on Automated Reasoning	1
INC	C	Internet Measurement Conference	1
INFOCOM	C	IEEE International Conference on Computer Communications	1
INTERACT	C	IFIP Conference on Human-Computer Interaction	3
INTERNET	J	IEEE Internet Computing	1
INTERSPEECH	C	Annual Conference of the International Speech Communication Association	1
IOLTS	C	IEEE International On-Line Testing Symposium	1
IPDPS	C	IEEE International Parallel&