ALGORITHMIC LEARNING THEORY

STATISTICS   2007

Sendai, Japan   October 1-4

Programme Committee Chairs

Marcus Hutter   Australian National University

Rocco Servedio   Columbia University

Authors Submitting Papers

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1 paper   1 accepted                 :   43(35)
1 paper                    1 rejected:   52(60)


2 papers 2 accepted                  :   2(2)
2 papers 1 accepted 1 rejected:   2(1)
2 papers                   2 rejected:   3(4)


3 papers 3 accepted                  :   1(1)
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- Only few authors submitted several papers, no statistically significant effect.

- Numbers in brackets are from ALT 2006.

Statistical Measures - Example

Data: Papers and Authors

Paper	Countries of Authors	A*P	Outcome
1	Algeria1+Algeria2	2	Reject
2	Aust1+Aust2+Aust3	3	Reject
3	Sing1+USA1	2	Accept
4	Sing1+USA1	2	Accept
5	Sing1+Germany1+Germany	3	Accept
6	Germany3	1	Accept
7	Germany4+Japan1	2	Accept
8	Germany5+Japan2+Japan3	3	Reject

Summary: Success-Rate per Country

Country	Subm(P,	A,	A*P,	W),	Acc(P,	A,	A*P,	W).
Algeria	1	2	2	1	0	0	0	0
Australia	1	3	3	1	0	0	0	0
Singapore	3	1	3	1.33	3	1	3	1.33
Germany	4	5	5	2.5	3	4	4	2.16

Acceptance Rates

Category	Submitted	Accepted	Rejected	Rate
Papers	50(53)	25(24)	25(29)	50%(45%)
Authors	103(103)	47(40)	56(63)	45%(38%)
A*P	112(114)	52(45)	60(69)	46%(39%)
A/P	2.24(2.15)	2.08(1.9)	2.40(2.38)	

- Numbers in brackets are from ALT 2006.

- Successful papers have few authors,
  but are still quite frequently collaborative.

- As "Weighted (W)" is too troublesome to compute,
  "Author*Paper (A*P)" is used. Roughly, $1.5W \leq A^\star P \leq 3W$.

ALT 2007 by Areas

Accepted papers only. Number of Papers and A$\star$P.

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Query Learning:                       4   11
Inductive Inference:                  4   10
Complexity Aspects of Learning:   4    9
Online Learning:                      3    7
Unsupervised & Language Learning: 4    7
Kernels-based learning & Others:  6    8
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Areas do not perfectly match with conference programme, as that needed to be arranged in groups of 3 or 4 for each slot.

Performance of Non-European Countries

Country:	Subm(A*P)	Acc(A*P,	Rate)	PC-Members
USA:	19	12	63%	0
China:	14	0	0%	0
Japan:	10	8	80%	0
Singapore:	7	6	85%	2
India:	7	1	14%	0
Iran:	6	0	0%	0
Korea:	3	0	0%	0
Canada:	1	1	100%	0
Australia:	1	1	100%	0
Taiwan:	1	0	0%	0
Total:	69	29	42%	2

Performance of European Countries

Country:	Subm(A*P)	Acc(A*P,Rate)		PC-Members
France:	13	7	53%	0
Germany:	10	6	60%	0
UK:	7	2	28%	1
Finland:	5	3	60%	0
Spain:	3	3	100%	0
Portugal:	2	0	0%	0
Russia:	1	1	100%	0
Austria:	1	1	100%	0
Ireland:	1	0	0%	0
Total:	43	23	53%	1

Performance by Continent

Region:	Subm(A*P)	Acc(A*P,	Rate)	PC-Members
Asia:	48	15	31%	2
Europe:	43	23	53%	1
America:	20	13	65%	0
Australia:	1	1	100%	0
Antarctica:	0	0	oo	0
Total:	112	52	46%	3

- The continents' acceptance rate decreases with the # of papers.

- Recommendation for authors: Move to Australia or Antarctica.

- Anti-Correlation between #PC-members and acceptance-rates, but likely no causal relation ($\#PC \leftrightarrow \#Subm \leftrightarrow AccRate$).

Quality Ensurance

Reviewers per paper: normally 3, pc-coauthored papers 4.

Marks 0-10 with confidence 0-3.

Support means "6,7,8,9,10 with confidence 2 or more";

Disencourage means "0,1,2,3,4 with confidence 2 or more".

Accept after first round: At least 2 reviewer support; no reviewer disencourages.

Reject after first round: no reviewer supports, some reviewer disencourages or low average mark.

Discuss: Try to get the reviewers to go for one of above categories for decision by consent.

Vote: When discussion did not work; voting on scorecard with (4,1) for "reject" and (6,1) for "accept" where reviewers keep score and confidence.

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