A Meta-Analysis of Computer Science Conference Paper Acceptance Criteria

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†There were other contributors, but they refused to be acknowledged as part of this work

Outline

- Title slide

- The outline slide (this slide!)

- The rest of the slides

Q: What's the Most Important Part of CS Research?

A: Publishing Papers!

Researcher Poll

- To get a feel for the area's views on publishing

- Some fields represented by our pollees(??):

  - Systems

  - Machine Learning

  - Theories A, B, C, and F

  - Applied Quantum Homotopy Computation Theory (AQHCT)

Why Must We Publish??

- "Bragging rights" — 19%

- "Because we can" — 21%

- "Fame, fortune, and admiration from members of the attractive sex"— 23%

- "Assassins and hitmen hired by our beneficiaries"— 37%

What Keeps Us From Publishing, Like, All the Time?

- "I mean, we could, but we don't want to make everyone else look bad"— 12%

- "We try, but like, conferences and journals are hard, man" — 24%

- "Too busy doing research, lolz"— 26%

- "Assassins and hitmen hired by rival universities and companies"— 38%

Let's Help These Losers Out!!

How Bad Can a Paper Be Without Being Rejected?

Let's Find Out!!

Methodology

- Submit a terrible paper (this paper) to a conference (this conference)

- Get accepted by any means necessary

- Publish an addendum with our results (i.e. how we got it published)

Why SIGSEGV?

- Focus on any and all fields related to CS

- Historically low acceptance rate: 0%

- Yeah

The Paper (This Paper)

- As submitted: Intro, methodology, and sub-paper

- Sub-paper: paper within a paper

- Acceptance based on only this sub-paper

- Really terrible, to set a baseline for papers that can be accepted

What Was In It?

Impenetrable Jargon-Laced Garbage

- Random vocabulary

  - "Our method relies on fundamental results from Q-theory, a self-deriving, clopen super-adjunction of affine queue theory with a dash of quantum computing mixed in for that zesty flavor."

- Defining terms and phrases

  - "Define ◇-PDAs to be the recursive subset of ◇-PDAs that are the recursive subset of ◇-PDAs that are the recursive subset of […]"

- Acronyms

  - "Implementing ADMR and RAMD levels 14 through 21 using HASK-8-like IRK-4 integration schemes over ASPD matrix drives proved to be quite trivial."

Clearly False Facts

- "Taking all we have discussed so far and running it through a Markov chain algorithm, we find that advances in deep learning do in fact imply the non-existence of side channels in arbitrary TCP streams."

- "Using the well-known fact that P=NP[citation needed], our algorithm runs in polynomial time."

  - NB: we do not specify any algorithm in our paper.

- "Our MATLAB implementation was an utter joy to build and only took a few hours to debug."
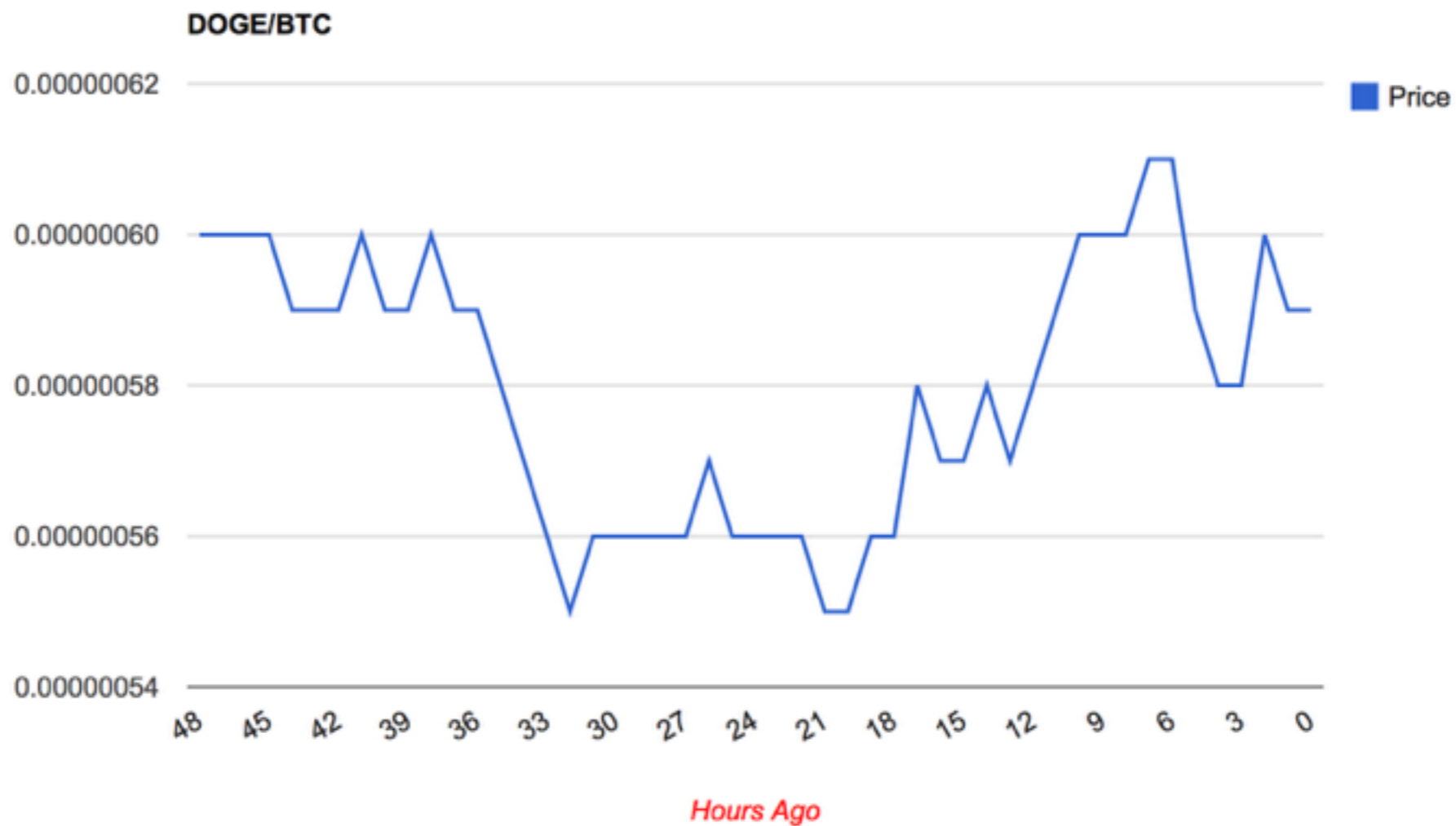
Nonsensical Graphs

Fig. 1: DOGE/BTC exchange rate over a few hours
(Source: dogepay.com)

Useless Tables

	BenchPress	ParqBench	BigBench
PDC-13.2	23.4	61.0	1E-06
XQtOGL	???	**42.2**	$\Omega+1$
Naïve	**N/A**	N/A	N/A
Our Method	28,001	Pretty good	-18.94

Table 1: If you were paying attention, you would know what this table is showing. Go reread section 2.
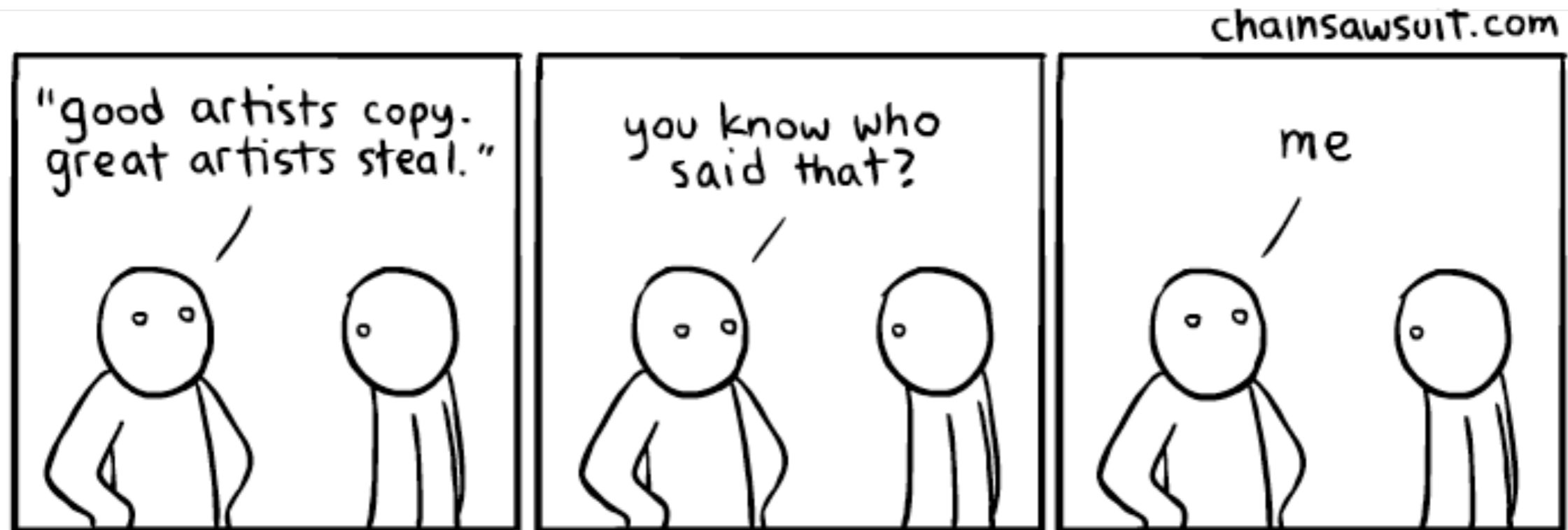
Straight Up Plagiarism

Fig. 3: You know who made this comic? Us.
(Source: Kris Straub, chainsawsuit.com)

- We had to remove this in the final version, unfortunately.

Uninteresting Insights

- Like, the opposite of insights (outsights???? rly makes u think)

- "Assuming the wood chucking axiom of woodchucks, we have proven a lower bound on the mass of wood that would be chucked by an arbitrary woodchuck that is strictly greater than in previous work."

- "Our program was able to solve the games of chess and go in under 20 seconds. We later realized, however, that its answers were incorrect due to a latent (and blatant) bug."

- "In conclusion, pbhbtphbhppththpbphthpbttphpbppthphbthp

How We Did It
AKA The REAL Results
Section of Our Paper

Mostly Bribes

- First, to the PC to find out who are reviewers would be

  - Price: $0

  - "The double blind process really doesn't matter"

- Next, to the reviewers themselves

  - Price: $1,005,138.94

  - Price per reviewer: $1,000 — $1,000,000

"That One Reviewer"

- "Waaaa I'm a huge baby with so-called 'morals' and 'principals' and I'm too scared of repercussions to accept a bribe waaaaaa" and then he pooped in his stupid baby diaper which was for babies (true story)

- We couldn't find any dirt on him either

- In the end, we resorted to assassins and hitmen.

  - Total Price: $2,000

Suggestions for Bribe Money Sources

- NSF grants/fellowships

- Work in industry for a few days

- Create a cryptocurrency

- Sell "magic devices" at high profit margin

  - YouTube video rewinders, HiFi internet routers, malware detection hardware suites, etc.

Lessons Learned

- Publishing is a fun and easy activity for the whole family to enjoy

- That one reviewer was a total jerkwad

- Being a paper reviewer is a viable retirement strategy

- The system works!

Sponsors:

I Will Now Take the Following:

- Questions (easy ones preferable)

- Comments, if unhurtful

- Non-negative criticism

- Praise

- Tips

MANY META-ANALYSIS STUDIES INCLUDE THE PHRASE "WE SEARCHED MEDLINE, EMBASE, AND COCHRANE FOR STUDIES..."

THIS HAS LED TO META-META-ANALYSES COMPARING META-ANALYSIS METHODS.
e.g. M SAMPSON (2003), PL ROYLE (2005) E LEE (2011), AR LEMESHOW (2005)

WE PERFORMED A META-META-META-ANALYSIS OF THESE META-META-ANALYSES.

METHODS: WE SEARCHED MEDLINE, EMBASE, AND COCHRANE FOR THE PHRASE "WE SEARCHED MEDLINE, EMBASE, AND COCHRANE FOR THE PHRASE "WE SEARCHED MEDLINE, EMBASE, AND

LIFE GOAL #28: GET A PAPER REJECTED WITH THE COMMENT "TOO META"