# How the Chinese Government Fabricates Social Media Posts for Strategic Distraction, not Engaged Argument<sup>1</sup>

### $\mathsf{Gary}\ \mathsf{King}^2$

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Duke University, Machine Learning Seminar, 3/1/2017

<sup>&</sup>lt;sup>1</sup>Based on joint work with Jennifer Pan (Stanford) and Margaret Roberts (UCSD) <sup>2</sup>GaryKing.org



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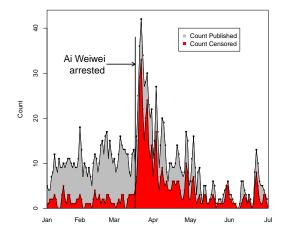
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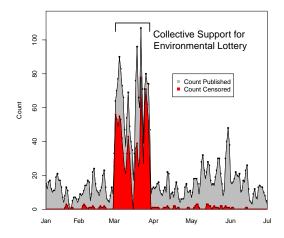
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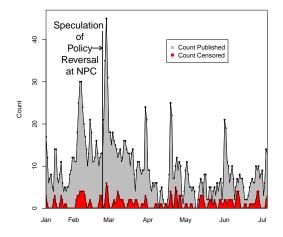
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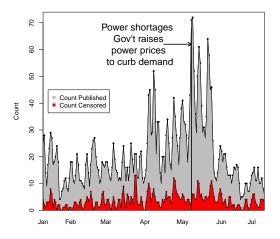
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    - Disagreements between central and local leaders









## Goal of China's 50c Party

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It's antidisestablishmentarianism!

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Evidence? A few anecdotes; "no ground truth"; "no successful attempts to quantify" 50c party activity; even several analyses with made up dependent variables!

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- Does not argue; does not engage on controversial issues
- Distracts; redirects public attention from criticism and central issues to cheerleading and positive discussions of valence issues

• Leaked emails: Zhanggong Internet Propaganda Office (网宣办)

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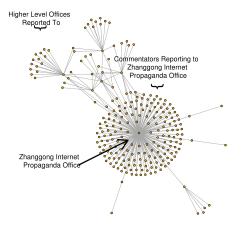
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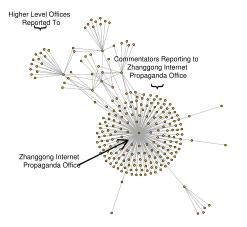
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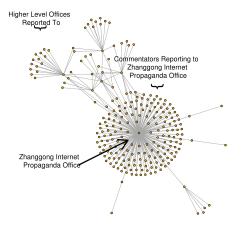
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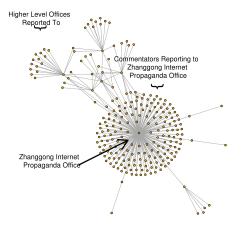




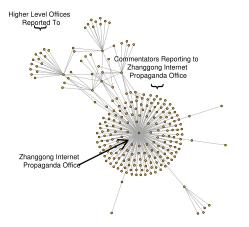
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  - No evidence of 50c (or any piecemeal) payments; probably part of their jobs

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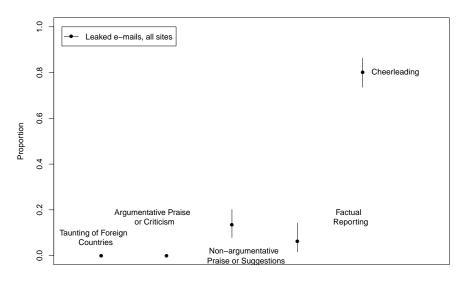
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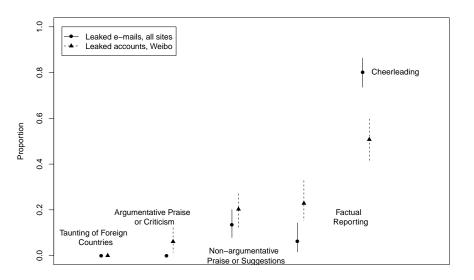
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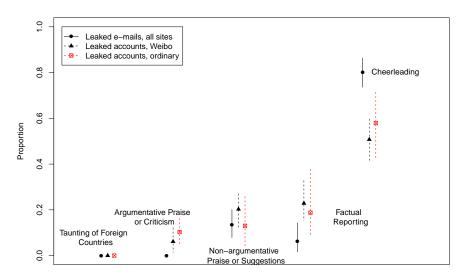
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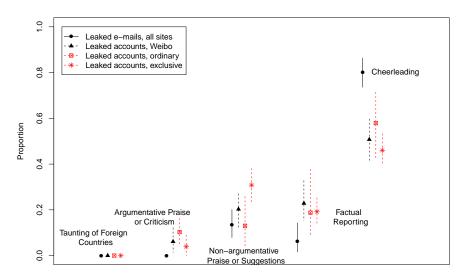
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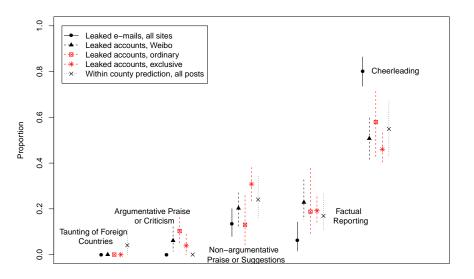
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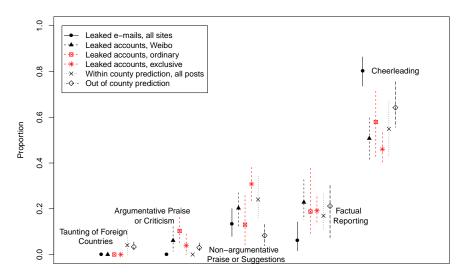












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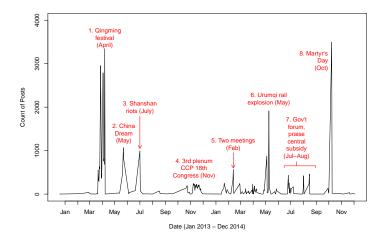
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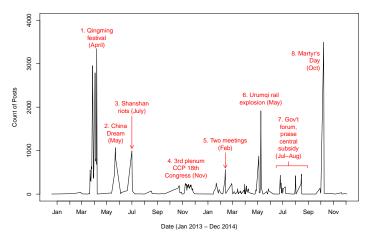
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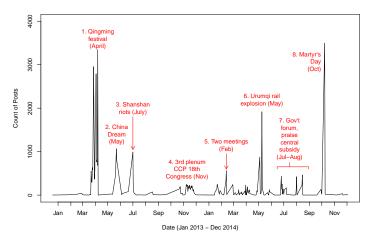
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  - 47% on commercial sites (1 of every 178 posts)





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A clear measure of government intent.

### How Can We Validate 50c Party Membership Predictions?

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  - Specially designed, pre-tested survey question: *"I saw your comment, it's really inspiring, I want to ask, do you have any public opinion guidance management, or online commenting experience?"*
- Validating the Validation

- Their job: to intentionally *mislead*, about the subject of the survey
- Take orders from an uncompromising government
- Their employer: The government
- Potentially at stake: their job, or more
- The Survey:
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#### • Not your optimal survey respondents:

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- Ask same question of random sample of known 50c (from Zhanggong)
- Ask same question of accounts known not to be 50c

50c Status

Origin

Percent Yes

50c Status	Origin	Percent Yes
Predicted 50c	Across China	



50c Status	Origin	Percent Yes
Predicted 50c	Across China	59%
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  - When studied at scale, chinese government information controls leave big footprints.

#### For more information



#### GaryKing.org

JenPan.com

 ${\it MargaretRoberts.net}$