

A SAMPLE ARTICLE TITLE

BY FIRST AUTHOR¹, SECOND AUTHOR^{2,*} AND THIRD AUTHOR^{2,†}

¹Department, University or Company Name, first@somewhere.com

²Department, University or Company Name, * second@somewhere.com; † third@somewhere.com

Add in the abstract once the paper is set.

1. BK: Follow the outline of Chen et al. (2018) regarding how an AoAS paper should be written given the Sadinle (2017) is written in a pretty methods based way. Sadinle (2014) is much more applied and what AoAS and JASA ACS like to see for an applied paper.

1. Introduction. Some keys references that you'll want to address: [Sadinle \(2014, 2017\)](#) are both methods of Sadinle. The most seminal method in probabilistic record linkage is that of [Fellegi and Sunter \(1969\)](#).

1.1. *Prior Work on Bipartite Matching for Record Linkage.* You only want to cite prior work on bipartite matching for record linkage in this section, so make sure to avoid my work as it's not comparable. You could mention it briefly given that it's been recently done, but that it would not fall under this framework. You would also want to mention that the first peer reviewed case study to our knowledge was done by Sadinle.

1.2. *The El Salavoran Conflict.* Talk about the data very simply.

1.3. *Our Contributions.* Outline your contributions. You might outline them from now regarding the fact that they can change.

2. The Fellegi Sunter Method. Needs to be reviewed and explained as Sadinle did in his 2017 paper. This should set out notation that you use for the rest of the paper.

3. Bayesian Bipartite Matching for Record Linkage. Need to review Mauricio's method, which should help outline any shortcoming of his method and notation you want to use for the rest of the paper.

4. fabl: fast Bayesian Linkage. Need to introduce your method in generality and explain your contributions. This is where you want things to be very powerful. You want to include proofs and showcase your work here. If you have insights moving forward — then make sure to forward reference them.

5. Simulation Studies. In this section, we provide two simulation studies. First, we provide a simulation study, where we XXX. Second, we provide a simulation study, where we XXX.

5.1. *Title.*

5.2. *Title.*

6. Applied to El Salavoran Conflict.

7. Discussion.

Keywords and phrases: First keyword, second keyword.

APPENDIX: TITLE

Appendices should be provided in `{appendix}` environment, before Acknowledgments.

If there is only one appendix, then please refer to it in text as ... in the [Appendix](#).

APPENDIX A: TITLE OF THE FIRST APPENDIX

If there are more than one appendix, then please refer to it as ... in [Appendix A](#), [Appendix B](#), etc.

APPENDIX B: TITLE OF THE SECOND APPENDIX

B.1. First subsection of Appendix B. Use the standard \LaTeX commands for headings in `{appendix}`. Headings and other objects will be numbered automatically.

$$(1) \quad \mathcal{P} = (j_{k,1}, j_{k,2}, \dots, j_{k,m(k)}).$$

Sample of cross-reference to the formula (1) in [Appendix B](#).

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SUPPLEMENTARY MATERIAL

Title of Supplement A

Short description of Supplement A.

Title of Supplement B

Short description of Supplement B.

REFERENCES

- FELLEGI, I. P. and SUNTER, A. B. (1969). A theory for record linkage. *Journal of the American Statistical Association* **64** 1183–1210.
- SADINLE, M. (2014). Detecting duplicates in a homicide registry using a Bayesian partitioning approach. *The Annals of Applied Statistics* **8** 2404–2434.
- SADINLE, M. (2017). Bayesian estimation of bipartite matchings for record linkage. *Journal of the American Statistical Association* **112** 600–612.