Proof Corrections - TPAMI-2011-08-0537-1

The below list corresponds to redmarks contained in the associated scan of the pdf:

1. $\overset{\text{exch.}}{\sim}$ not $\sim^{\text{exch.}}$, ie, "exch." should be directly above $\sim$, here and elsewhere

2. (a) $F_{\mathbb{G},Y}$, the $\mathbb{G}$ looks funny, and not like the others exactly.
   (b) append $F =$ to $F_{\mathbb{G},Y}$ yielding $F = F_{\mathbb{G},Y}$.

3. replace $\mathcal{E}$ with $|\mathcal{E}|$.

4. remove $F_{uv|y}(A_{uv}) =$

5. see 1

6. remove "to use"

7. replace "estimate the model parameters $\boldsymbol{\theta} = \{\mathcal{S}, \boldsymbol{p}, \boldsymbol{\pi}\}$", with "obtain parameter estimates $\widehat{\boldsymbol{\theta}} = \{\hat{\mathcal{S}}, \hat{\boldsymbol{p}}, \hat{\boldsymbol{\pi}}\}$"

8. replace "Consistent" with "Consistency"

9. replace "Robust" with "Robustness"

10. replace "Interpretable" with "Interpretability"

11. add "we assume that" between "recall that" and "each edge"

12. ok, was printing issue on my printer, please ignore

13. replace line 3 with "Let $c = w_c = 0$" and move the 6th line before the 4th line. Please contact me if confused.

14. replace "one builds" with "one can build"

15. replace "simple" with "binary"

16. remove the "s" on "contains"

17. add double quotes around the word "chance" and follow it with "(defined as the performance by a naïve classifier)", and add at the very end of the sentence, "of chance misclassification performance"

18. remove "all"

19. add a "," between "estimates" and "an"

20. remove $F_{\boldsymbol{\theta}} =$

21. the correct citation for that reference is [1]

22. add "and the Center of Imaging Science" after "Institute for Data Intensive Science and Engineering", replace "visiting assistant research professor" with "senior research scientist" and "Statistics" with "Statistical Science" and add "and is a member of the Duke Institute for Brain Sciences" to the end of that sentence.

23. Change the name of the author "William R. Gray" to "William Gray Roncal" in the heading, affiliations, and bio sections.

References

[1] J. T. Vogelstein and C. E. Priebe, "Shuffled Graph Classification: Theory and Connectome Applications," *arXiv:1112.5506v2 [q-bio.QM].* 1