

# Accepted Manuscript

AdaptativeCC4.5: Credal C4.5 with a rough class noise estimator

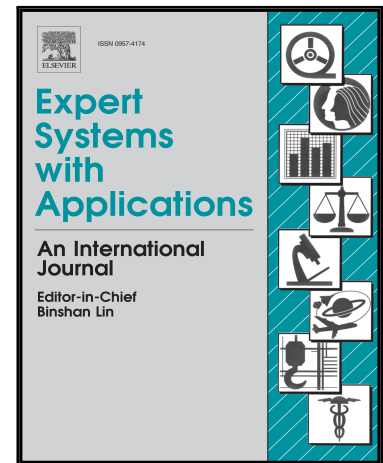
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PII: S0957-4174(17)30663-2  
DOI: [10.1016/j.eswa.2017.09.057](https://doi.org/10.1016/j.eswa.2017.09.057)  
Reference: ESWA 11578

To appear in: *Expert Systems With Applications*

Received date: 5 June 2017  
Revised date: 7 August 2017  
Accepted date: 26 September 2017

Please cite this article as: Joaquín Abellán, Carlos J. Mantas, Javier G. Castellano, AdaptativeCC4.5: Credal C4.5 with a rough class noise estimator, *Expert Systems With Applications* (2017), doi: [10.1016/j.eswa.2017.09.057](https://doi.org/10.1016/j.eswa.2017.09.057)



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**Highlights**

- CC4.5 is a parametric classifier based on imprecise probabilities outperforming C4.5
- That improvement increases in situations with class noise
- Higher values of the parameter of CC4.5 are related with higher levels of noise
- A new procedure to estimate the level of noise is combined with CC4.5
- The new classifier is similar to the CC4.5 when its best parameter value is used

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