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A new survival status prediction system for severe trauma patients based on a multiple classifier system

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**Highlights**

- The survival status of trauma patients is tackled as a classification problem.
- A new prediction system based on a multiple classifier system is proposed.
- The study is carried out over 462 patients that were treated at the Hospital of Navarre in Spain.
- The new approach is developed using the specific features of the patients stored in the Major Trauma Registry of Navarre.
- The results show that the usage of the new proposal enhance the performance of the currently used systems.

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