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Batanero, Carmen; Díaz, Carmen

Training teachers to teach statistics: what can we learn from research?

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Summary: Although statistics is taught extensively at university level and is today part of the mathematics curricula for primary and secondary school level in many countries, the specific training to teach statistics is far from being an universal component of pre-service or professional development courses for statistics teachers. In this paper we reflect on the specificity of statistics; we analyse the contents needed in the training of teachers to teach statistics and summarise current research related to this topic. We conclude with some reflections about the need of collaboration between statisticians and mathematics educators to prepare school teachers to teach statistics.

Classification: B50 K10

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