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**Elementary pre-service teachers' mathematics anxiety and mathematics teaching anxiety.**

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Summary: The present study examined the structure of elementary pre-service teachers' mathematics anxiety and mathematics teaching anxiety by asking whether the two systems of anxiety are related. The Turkish Mathematics Anxiety Rating Scale Short Version and the Mathematics Teaching Anxiety Scale were administered to 260 elementary pre-service teachers. Results of the study revealed that overall pre-service teachers' had a low-level of mathematics anxiety and mathematics teaching anxiety. Mathematics anxiety had a statistically significant effect on mathematics teaching anxiety. Thus, the significant relationship between mathematics anxiety and mathematics teaching anxiety should be acknowledged by mathematics teacher educators.

*Classification:* C29

*Keywords:* elementary school teachers; mathematics anxiety; student teacher attitudes; mathematics teaching anxiety; gender differences; teacher education; mathematics skills; pedagogical content knowledge; self-esteem; knowledge base for teaching

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