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What do the stats tell us? Engaging elementary children in probabilistic reasoning based on data analysis.

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Summary: As part of Japanese Lesson study research focusing on ‘comparing and describing likelihoods’, fifth grade elementary students used real-world data in decision-making. Sporting statistics facilitated opportunities for informal inference, where data were used to make and justify predictions.

Classification: K43 K73 K53

Keywords: teaching; elementary statistics education; probability; informal inferential reasoning; real-world context

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