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Emma Christensen, Ryan DeMuse, Jeremy Martin and **Mei Yin***, Department of Mathematics, University of Denver, Denver, CO 80208. *Interval parking functions.*

The topic of parking functions has wide applications in probability, combinatorics, group theory, and computer science. One generalization of the classic parking function is the interval parking function, where each car has an interval rather than a single spot of preference. We classify features of interval parking functions, and in particular develop the link between an interval parking function and the Bruhat order on permutations. Based on joint work with Emma Christensen, Ryan DeMuse, and Jeremy Martin. (Received September 02, 2019)