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Title: Finite groups with two relative subgroup commutativity degrees

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In this paper, we show that there is an infinite number of finite groups with two relative subgroup commutativity degrees. Also, we indicate a sufficient condition such that a finite group has at least three relative subgroup commutativity degrees, and we prove that D_6 is the only finite dihedral group with two relative subgroup commutativity degrees. Finally, we study the density of the set containing all relative subgroup commutativity degrees of finite groups.

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