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TOPOLOGICAL GAMES AND STRONG QUASI-CONTINUITY

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ABSTRACT. Let X be a Baire space, Y be a W -space and Z be a regular topological space. We will show that every KC -function $f : X \times Y \rightarrow Z$ is strongly quasi-continuous at each point of $X \times Y$. In particular, when X is a Baire space and Y is Corson compact, every KC -function f from $X \times Y$ to a Moore space Z is jointly continuous on a dense subset of $X \times Y$. We also give a few applications of our results on continuity of group actions.

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