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**The core of Shapley-Scarf markets with couples.** (English) Zbl 1211.91030  
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Summary: We extend the Shapley-Scarf model of markets for indivisible goods without money to the case where couples of agents have joint preferences over the set of allocations. We show that the domain of (weakly) lexicographic preferences is maximal (for inclusion) for the existence of core allocations. This result also holds in the case where the set of agents is partitioned into non-empty coalitions with any size, as well as for the class of markets studied in [*H. Konishi, T. Quint and J. Wako, J. Math. Econ.* 35, No. 1, 1–15 (2001; [Zbl 1007.91036](#))], where individuals exchange several types of purely indivisible goods.

**MSC:**

[91A12](#) Cooperative games  
[91B60](#) Trade models

Cited in **2** Documents

**Keywords:**

[joint preferences](#); [couples](#); [core](#); [indivisible goods](#)

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