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**Competitive equilibria in Shapley-Scarf markets with couples.** (English) [Zbl 1444.91133](#)  
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**Summary:** We investigate the existence and properties of competitive equilibrium in Shapley-Scarf markets involving an exogenous partition of individuals into couples. The presence of couples generates preference interdependencies which cause existence problems. For both cases of transferable and non-transferable income among partners, we establish properties for preferences that are sufficient for the existence of an equilibrium. Moreover, we show that these properties define a maximal preference domain.

**MSC:**

[91B52](#) Special types of economic equilibria

**Keywords:**

Shapley-Scarf markets; competitive equilibrium; couples; externalities

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