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Coopetition Against an Amazon
(with Moshe Tennenholtz)

Abstract

We study cooperative data-sharing between competitors vying to predict a consumer's tastes. We design optimal data-sharing schemes both for when they compete only with each other, and for when they additionally compete with an Amazon---a company with more, better data. In both cases we show that participants benefit from such coopetition. We then apply the insights from our optimal schemes to more general settings.

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