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Título: Two remarks on consumer surplus

Resumen: We investigate the use of consumer surplus in monopoly when the consumption of the outside good cannot be smaller than zero and when the weights given in the social welfare function to consumers and the firm are different. We assume quasi-linear utility and constant returns to scale. We find that when the constraint on the consumption of the outside good is binding, income effects arise in demand and profit maximizing output is below the profit maximizing output without this constraint. Moreover, standard change in consumer surplus might overestimate welfare losses. When the weights given to consumers and the monopolist are not identical, first order condition of social welfare maximization does not necessarily characterize the maximum and when it does, profits might be negative. We find that a policy of offering the good at zero price might be optimal. We offer a formula to calculate welfare losses in this case.