A Beveridgean Framework for Welfare Analysis

Pascal Michaillat https://www.pascalmichaillat.org/t5.html

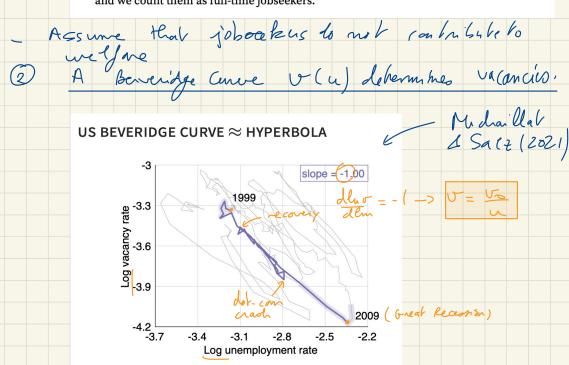
Deshare u of labor force is unemployed

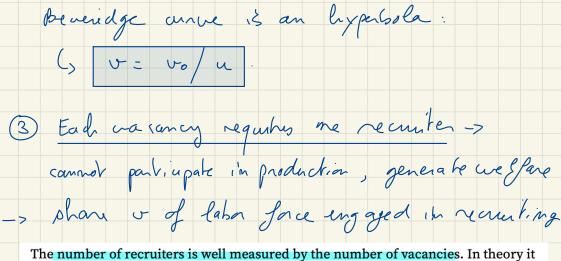
in general, unemployed walsers contribute to welling

(home production, recreation)

Michaellat & Salz (2012):

In theory, beside looking for jobs, unemployed workers might also produce useful things at home. Such home production would be included into aggregate production and contribute to social welfare. But in practice home production is minimal, as was already noted by Robinson (1949, p. 11): "The most important aspect of unemployment is its wastefulness. It is the existence of unused productive resources side by side with unsatisfied human needs that is the intolerable condition." Michaillat and Saez (2021, pp. 9-11) measure the fraction of nonwork time devoted to home production in the United States. The measure is based on the results by Borgschulte and Martorell (2018). Using administrative data from the US military, Borgschulte and Martorell study how servicemembers choose between reenlisting and leaving the military. The choices allow them to estimate the difference between market production and the sum of home production and public benefits during unemployment. Subtracting the value of public benefits from these estimates, Michaillat and Saez (2021, p. 11) find that the value of home production relative to market production could be as low as 0.03. Given such low value, we assume that unemployed workers do not engage in home production at all, and we count them as full-time jobseekers.





might take more or less than one full-time worker to service a vacancy. But in practice it takes about one full-time worker to service a vacancy, so the numbers of recruiters and vacancies are about the same. In the United States, the amount of labor required to service a vacancy can be measured from the National Employer Survey, which was conducted by the Census Bureau in 1997 (Villena Roldan 2010). Michaillat and Saez (2021, p. 11) estimate that servicing a vacancy requires 0.92 worker at any point in time. So it takes about 1 worker to service a vacancy, which is what we assume here by equating the number of recruiters to the number of vacancies.

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Sun many:

Share 1-(u+v) of labor

In a engaged in production

Social welfore is determined

by production -> max welfore

(=) max 1-(u+v)

1=) mim u+v

- u, v related by beveridge une

Talen as given by government