



SUPPLEMENTARY MATERIAL

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Do catastrophic costs impact treatment outcomes in people with rifampicin-resistant tuberculosis in the Republic of Moldova?

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Supplementary Table 1. Definitions used in operational research.

Characteristics	Data source	Definitions
Labour migration	Survey & TB Registry	a person who has been abroad for more than 3 months in the last 2 years
History of imprisonment	TB Registry	a person who has been in detention for the last 2 years
Excessive alcohol consumption	Survey & TB Registry	not standardized, subjectively evaluated by physicians
Perceived needs (family support, better alimentation)	Survey	In your opinion, what things do you need to complete successfully your treatment? <ol style="list-style-type: none"> 1. To talk to a psychologist about my illness 2. To have money for transportation to the hospital/medical point 3. To receive treatment for free for co-morbidity 4. To get better alimentation 5. To be able to continue to support my family
Perceived treatment barriers (smoking, side effects)	Survey	In your opinion, what is the most difficult thing for you to do during the treatment? <ol style="list-style-type: none"> 1. Give up smoking 2. Not to drink alcohol 3. Take the pills according to recommendations 4. Side effects 5. Be in the hospital 6. Not being around your family 7. Keep the TB diagnosis in the secret from my friends/colleagues
Perceived concerns (treatment without effect, spread TB to my family)		Please, think about what your life will be like after you finish treatment. What are you worries most about? <ol style="list-style-type: none"> 1. That the treatment will not have an effect 2. That my acquaintances/colleagues will find out that I have tuberculosis

Characteristics	Data source	Definitions
		<p>3. That no one would offer me a job because I was sick</p> <p>4. That I could spread the disease to the family</p>
Wealth index [27]	Survey	The Wealth Index is a composite measure of the cumulative living standard of a household. It is calculated using data on a household's ownership of selected set of assets, such as televisions, bicycles, and cars; dwelling characteristics such as flooring material; type of drinking water source; and toilet and sanitation facilities. The Wealth Index considers characteristics that are related to wealth status, avoiding variables that do not represent an asset, or outcome variables
World Bank poverty criteria [26]	Survey	Income of ≤ 1.90 USD per household member per day.
Catastrophic TB -related costs	Survey	<p>Catastrophic costs were assessed as the household's expenditure-to-income ratio and were considered as having suffered catastrophic costs those households for which the expenses associated with TB constitute more than 20% of the income [6]</p> <p>To quantify catastrophic costs measures of TB related costs were used:</p> <p>Indirect cost - the indirect expenses borne by the respondent in relation to TB as a result of the respondent's loss of income. Income was estimated based on the average monthly income self-reported by the respondent for the period before TB and during outpatient treatment.</p> <p>Self-reported income - the income in monetary terms reported by the respondent during an interview both as one's own income and that of the household</p> <p>Direct cost - medical and non- medical expenditures faced by households in relation to TB</p> <p>Household income - income self-reported by respondent for the household, indicated for the period before TB and by each treatment phase. Household income was estimated based on the self-reported data for the entire period of treatment</p>

Characteristics	Data source	Definitions
		<p>Welfare transfers - featured temporary disability allowances and incentives provided to TB patients during outpatient care:</p> <p>(1) The amount of temporary disability allowance was estimated by using the amount earmarked for TB as applicable to officially employed respondents (monthly amount * number of months in treatment). The amount of temporary disability allowance due to TB is equal to 100% of the baseline value.</p> <p>(2) Incentives were estimated as follows: 20\$ / month * number of months in outpatient treatment (as applicable before 1 July 2015); 2\$ / day * number of days in outpatient treatment (as applicable after 1 July 2015).</p>

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