

**Table D. Identification of determinants from topics.**

No	Determinants	TP (%)	Topics (problems)
1	Convenience access	6,1 %	Problems with planning vaccinations and long queues
			Delays in vaccine deliveries
2	Clear procedures and regulations	9,1 %	Inclusion of immobile and non-digital groups
			Consideration of people from the risk group
			Organization of vaccinations for partially disabled
3	Location of vaccination	3,0 %	More vaccination points and closer to villages
4	Help and facilities from the government	9,1 %	Mobile home vaccination teams
			Assistance with registration and getting to the vaccination points
			Improvement logistic issues of moving vaccines between vaccination points
5	Price of additional services	6,1 %	Assistance with registration and getting to the vaccination points
			Mobile home vaccination teams
6	Time costs	3,0 %	Lack of clear rules for the vaccination procedure
7	Availability of actual information	12,1 %	Low awareness of people of rural and remote areas
			Volatility and inconsistency of information
			Lack of transparency of information from the government
			Low quality of shared statistical data posted on the portal
8	Knowledge about vaccines	18,2 %	Lack of reliable and in-depth knowledge about vaccine biological mechanisms
			Fear about long-term effects after vaccination
			Lack of awareness about vaccine adverse reactions
			Detailed knowledge about the effectiveness of vaccines
			Lack of relevant information COVID mutations

			The need to collect and study data on vaccine side effects
9	Consideration of the vaccination and its side effects	6,1 %	Fear caused by the increased number of deaths after vaccination
			Concerns of health risks vs usefulness of vaccination
10	Knowledge of the vaccination schedule	3,0 %	Vaccination schedule issues
11	Perceived vaccine safety	9,1 %	Mistrust of vaccination safety due to severe effects and mortality after vaccination
			Fake medical news and disinformation on Covid-19 vaccines
			Fearing about long-term effects after vaccination
12	Perceived vaccine efficacy	6,1 %	Lack of trust in the vaccine due to the short testing period
			Low perception of the population against the effectiveness of vaccines
13	Prompts and reminders	3,0 %	The need for direct (or telephone) contact with seniors for vaccination
			Lack of contextualization advertising
14	Workplace policies	3,0 %	The idea of compulsory vaccination
15	Incentives	6,1 %	Lottery and Covid certificates
			Development of incentive measures for vaccination
16	Protection	3,0 %	Discrimination against people, who are not vaccinated
17	Insurance	6,1 %	Lack of insurance for the severe vaccine adverse reactions
			The need for preliminary medical tests before vaccination