EFFECTIVE BIG DATA INTERACTION

Olga Perfilieva
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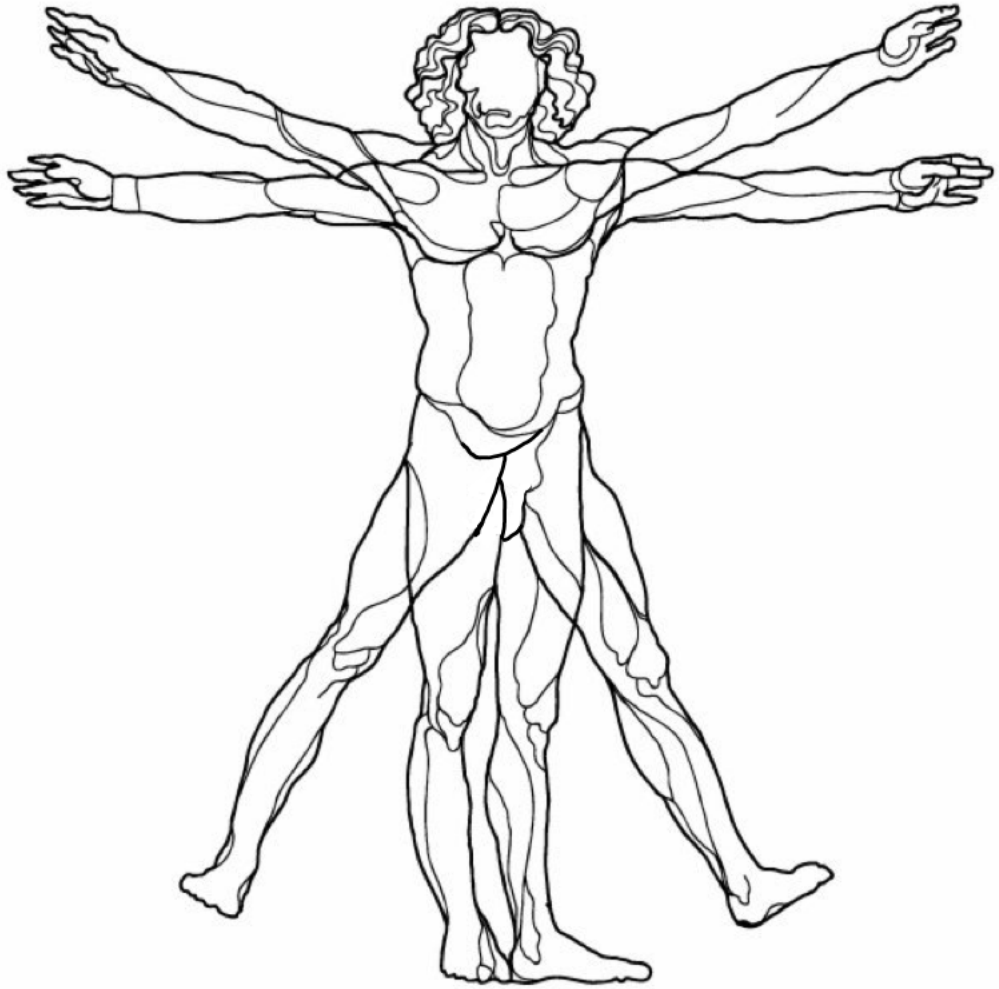
РОМИР

What do we know about the human dimension?

Sociology

Religion



History

Art

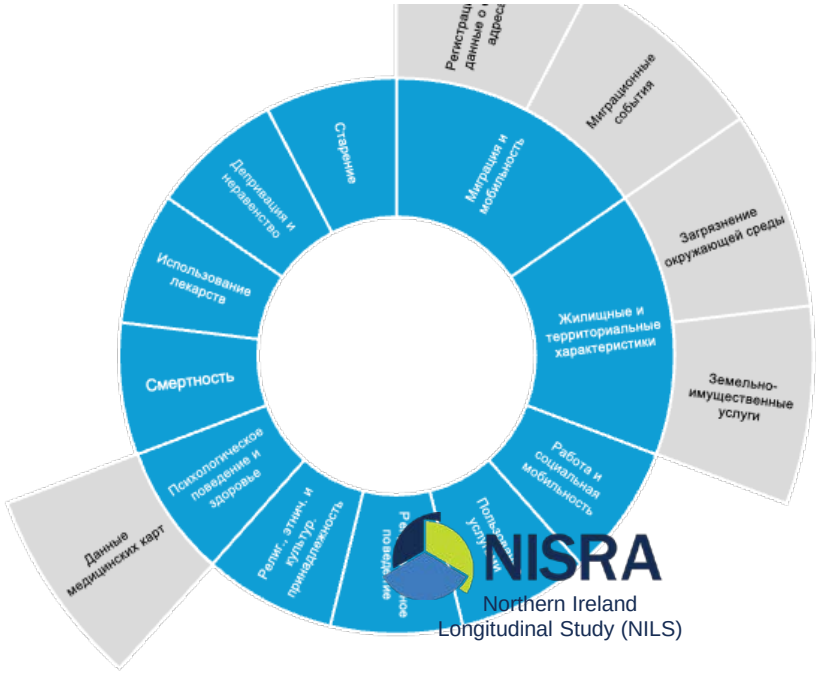
Anthropology

Technologies

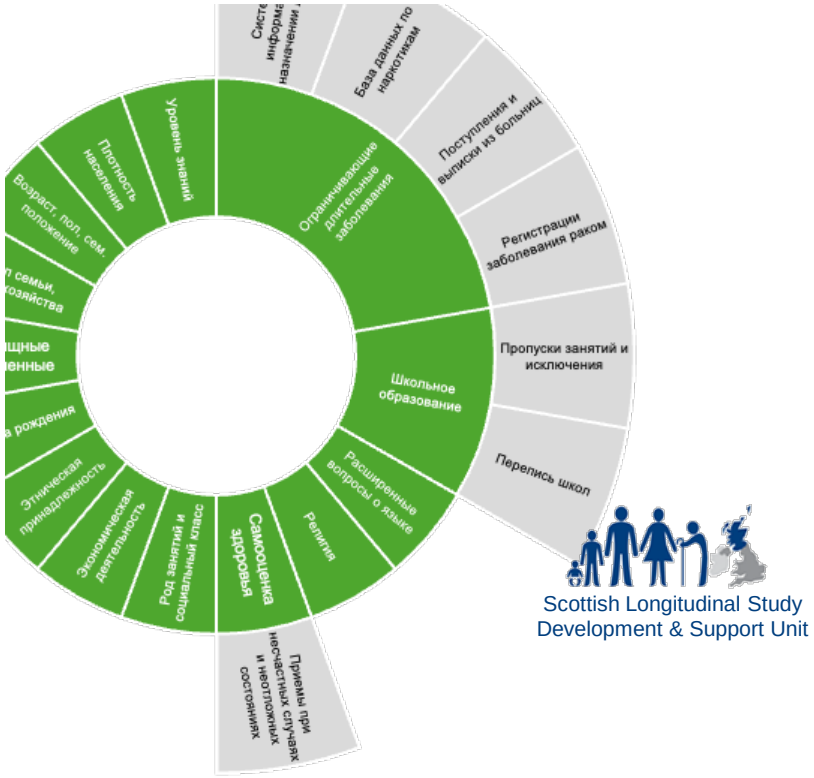
Psychology

РОМИР

Longitudinal research parameter systems



NISRA
Northern Ireland Longitudinal Study (NILS)



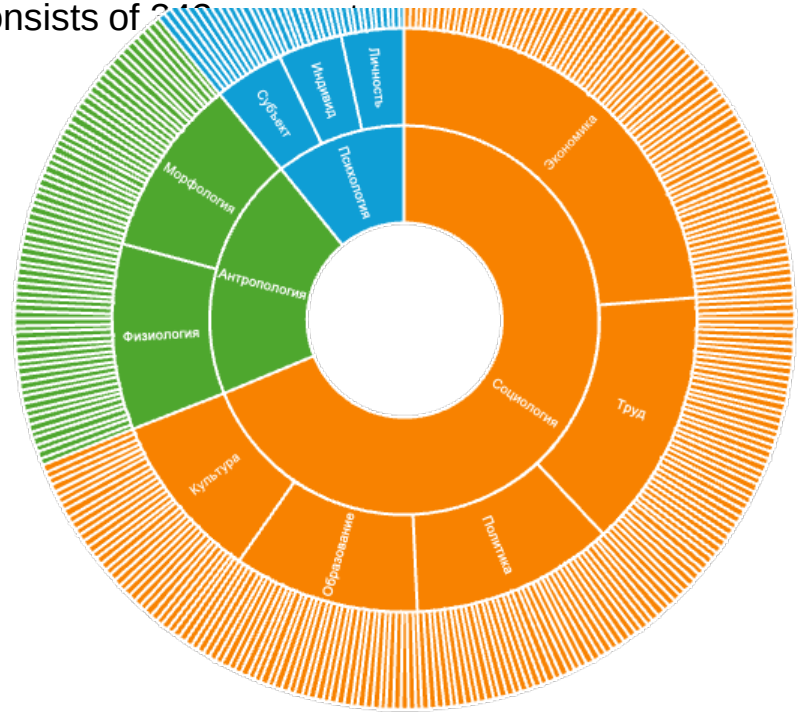
Scottish Longitudinal Study Development & Support Unit

Inner Circle	The data contained in the panel
Outer Circle	External plug-in sources

РОМИР

Operationalization of the concept of man

The longitudinal circle consists of 3[illegible]



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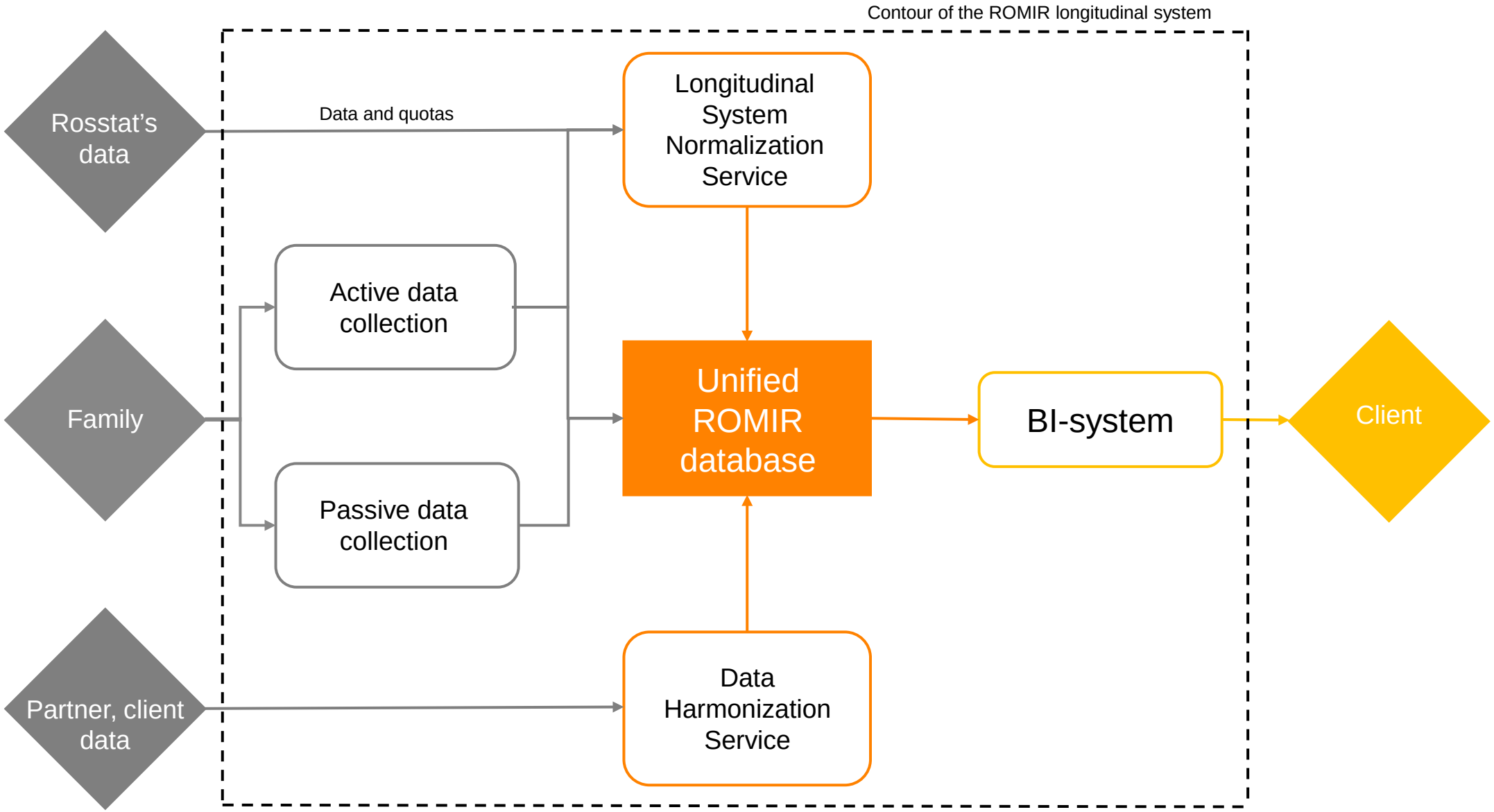
Contour of the ROMIR longitudinal system
Rosstat's data
Data and quotas
Longitudinal System Normalization Service
Active data collection
Family
Unified ROMIR database
BI-system
Client
Passive data collection
Partner, client data
Data Harmonization Service

РОМИР

Interconnectors

Socio-demographic parameters are the most available option for interconnectors, but without the use of specific interconnectors they are useless

	Probabilistic sampling data	Internet sampling (river), non-normalized	Internet sampling (river) normalized by social parameters	Normalized sampling by probability of events
Participation in preelection events	32%	**61%**	**49%**	**38%**
Application of a newspaper, magazine, TV channel	16%	**28%**	**23%**	18%
Call to a talk show	10%	**15%**	12%	11%
Work in the election campaign	10%	**16%**	12%	11%
Wear political paraphernalia	35%	**44%**	37%	36%
Support the president	55%	**48%**	52%	56%
Computer games encourage violence	47%	**40%**	**43%**	45%
TV encourages violence	58%	**48%**	**51%**	54%
Films encourage violence	57%	**51%**	53%	57%

Sourse – Harris Interactive

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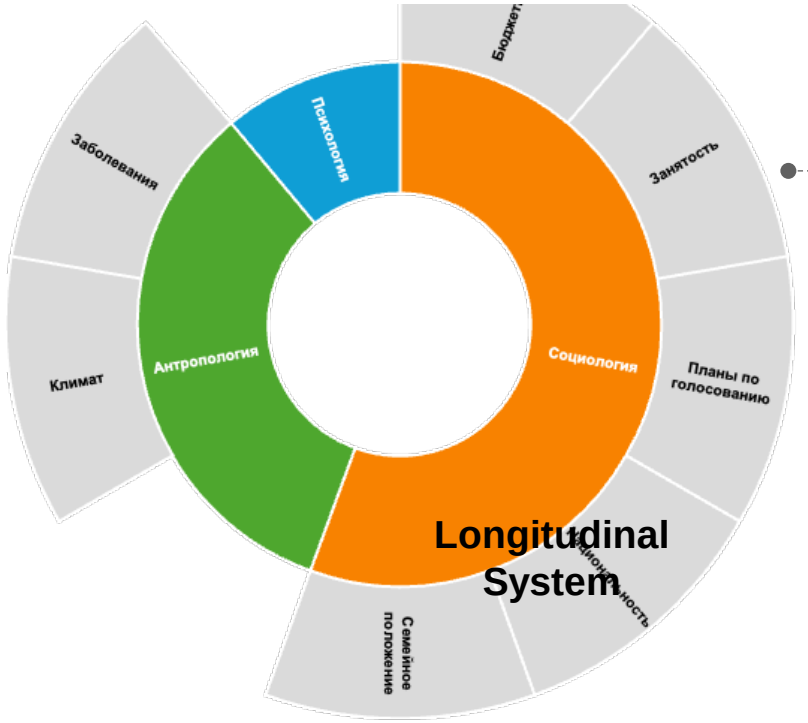
The RAMIR system and external sources



Data from national surveys and government statistics are based on probabilistic samples

Using analytical machine learning methods, key parameters are highlighted in each dataset

The longitudinal ROMIR system is harmonized according to the key parameters of the main federal surveys and normalized according to them

In addition to indicators harmonized with federal surveys, the ROMIR System contains a significantly expanded number of other parameters that can act as variable interconnectors

In the absence of thematic interconnectors, a duplicate reference measurement can be carried out within the ROMIR System to use the normalization method with probability adjustment

The data contained in the system

Government statistics data

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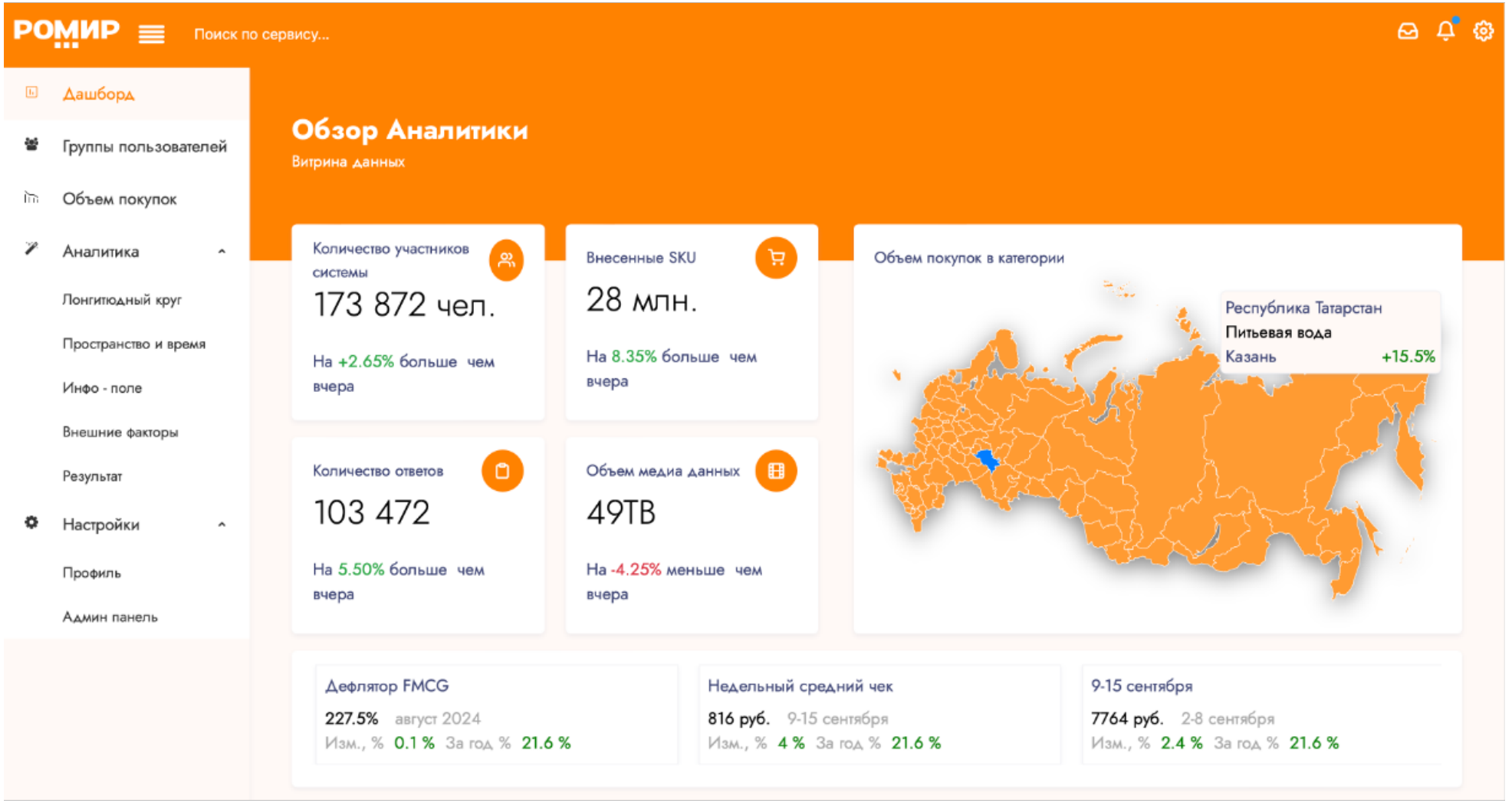
The longitudinal system of RAMIR



THANK YOU

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