REVIEW OF BRUCELLOSIS IN ALBANIA
Disease Frequencies in Humans and Animals
and One Health Efforts to Control the Diseases

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# Methods

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Disease timeline in small ruminants

[Graph showing disease timeline with data points and bars representing number of cases and screening/population (%) over decades and years.]
Disease timeline in Humans

No. of cases

Incidence /100,000 pop


Nr. i rasteve

IB i siperm 95%

IB i poshtem 95%

Incidencia Vjetore
Populations of interest

Humans

Small Ruminants

Bovine

Legend

Humans

POP_97 / km2

32.74 - 75.35

80.28 - 128.70

138.86 - 203.33

233.11 - 290.04

446.53 - 520.83

Legend

Small Ruminants

SR / km2

29.75 - 45.97

55.20 - 76.02

83.33 - 99.13

102.6 - 133.3

150.0 - 247.4

Legend

Bovines

gjedhe / km2

3.2 - 9.16

10.30 - 17.93

19.00 - 27.55

35.71 - 38.92

48.97 - 56.41
Geographical patterns 1960 - 1973

Humans

Small Ruminants

Bovine
Geographical patterns 2000 - 2008

Humans

Small Ruminants

Bovine
Geographical patterns 2012 - 2015

- Marked Decrease in South Areas
- Increase in north-east
- Reduced number of cases
Prognostic scenarios in SR

- **P0**: No intervention
- **P1**: Vaccine 2y replacement 2 mass
- **P2**: Vaccine replacement
- **P3**: Vaccine replacement & test-slaughter
- **P4**: Vaccinate replacement & awareness

**Diagram:**
- X-axis: Years (2015 to 2020)
- Y-axis: No. of infected animals

The graph illustrates the impact of different intervention scenarios on the number of infected animals over a period from 2015 to 2020.
Thank you!

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