



A systematic review of motives for densification in Swedish planning practice

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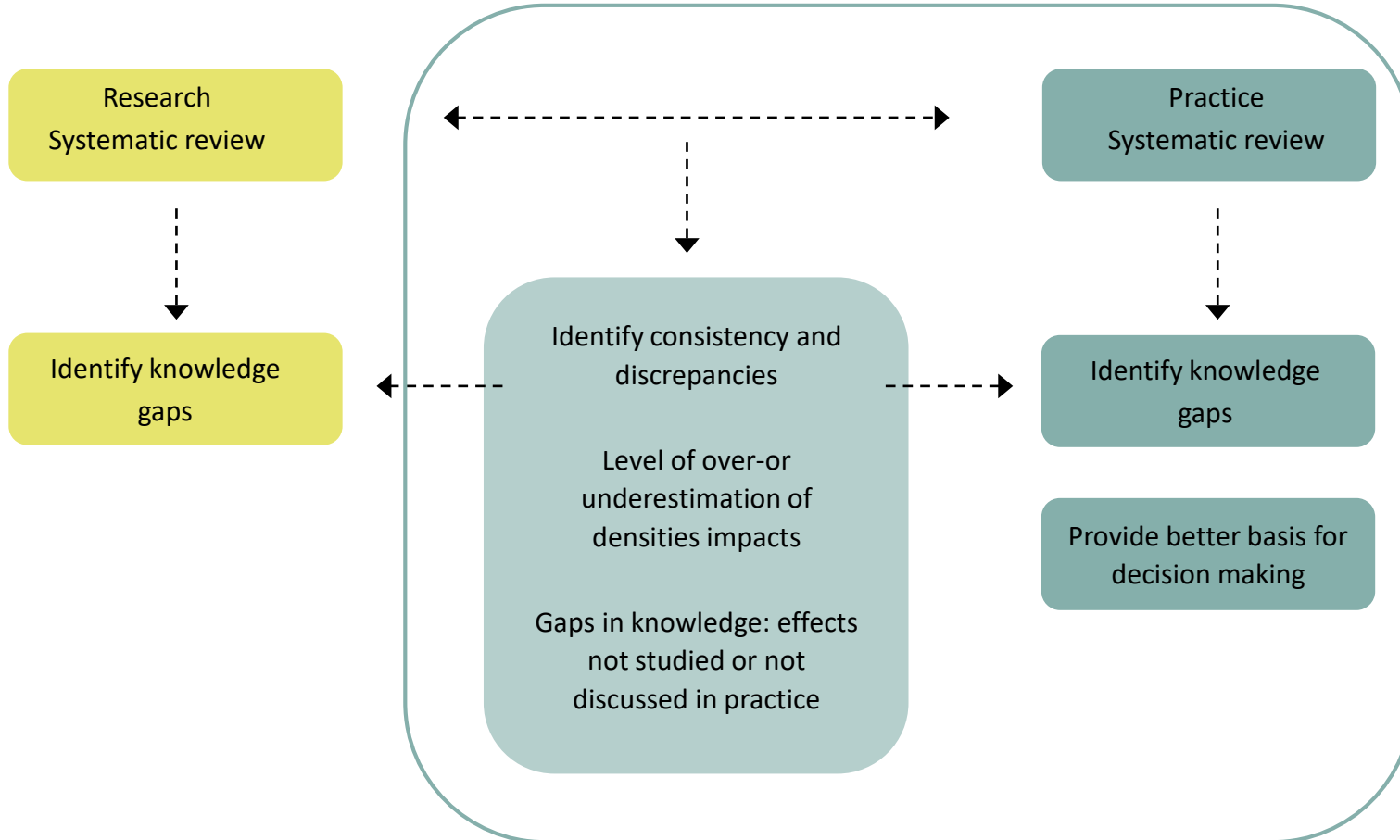
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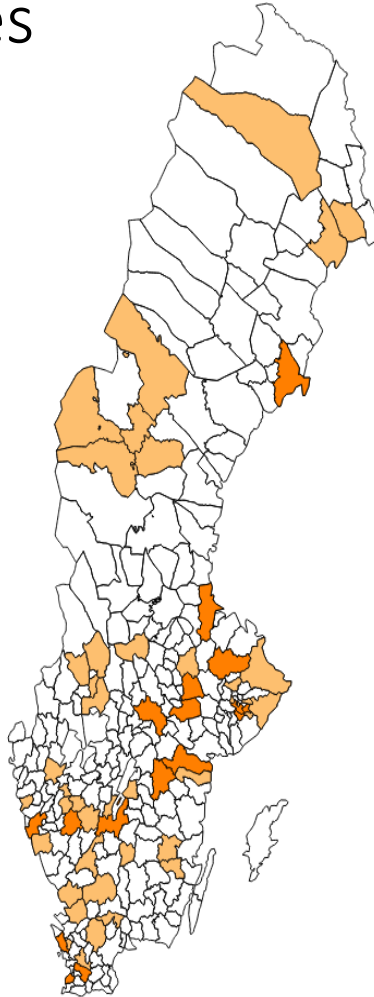
November 2, 2020

Research setup



Selection of municipalities

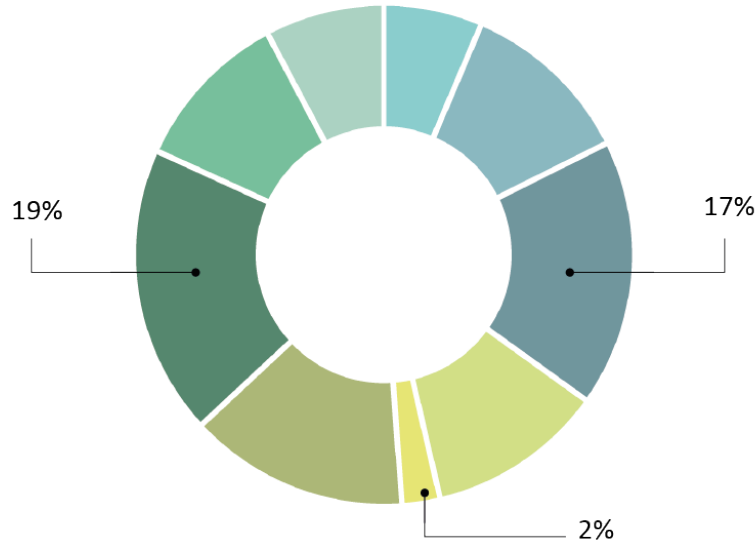
-  54 Municipalities < 100.000 (random selection)
-  16 Municipalities > 100.000



Research questions

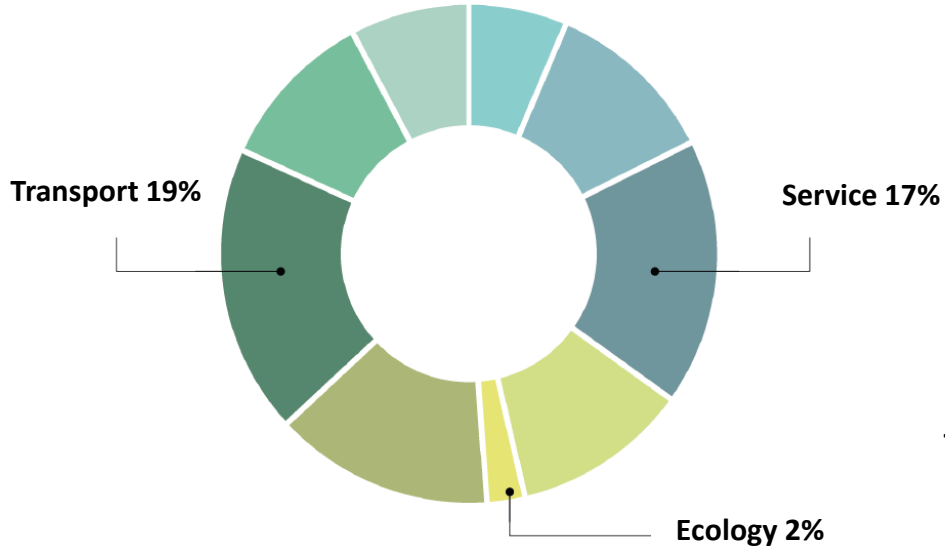
1. Which arguments are used in relation to density, and how often?
Related to this, identify knowledge gaps (what is not discussed).
2. Are there geographic variations in the arguments used?
3. Are there discrepancies between the arguments used in practice and the results from research?

Arguments in comprehensive plans

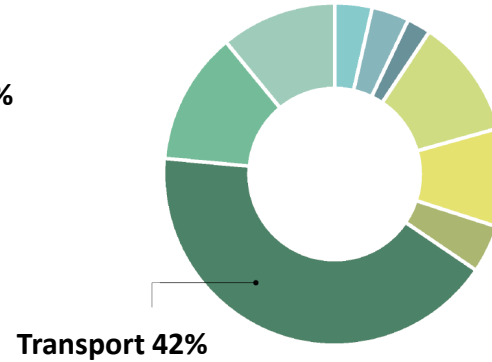


Category	Amount of arguments	Percentage
Technical infrastructure	57	6%
Resources	101	11%
Service	155	17%
Economics	103	11%
Ecology	22	2%
Urban environment	129	14%
Transport	172	19%
Social	94	10%
Health	72	8%

Arguments in comprehensive plans

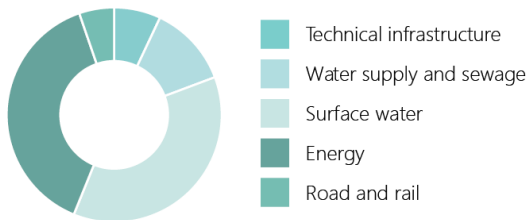


Effects investigated in empirical studies

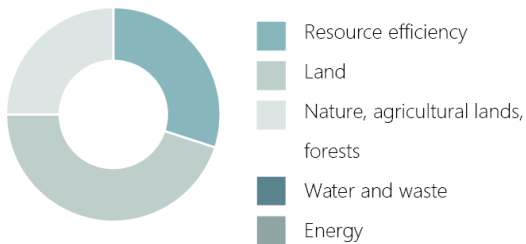


Arguments in comprehensive plans

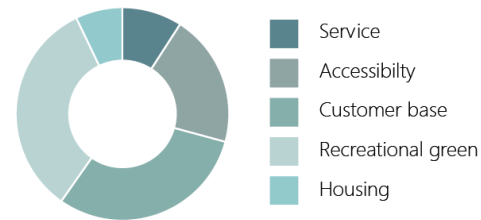
INFRASTRUCTURE



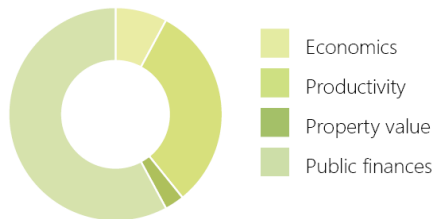
RESOURCE EFFICIENCY



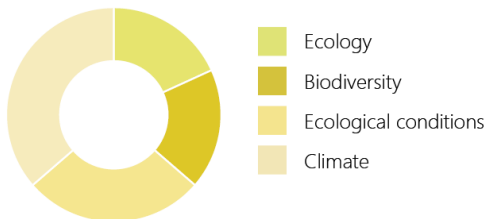
SERVICE



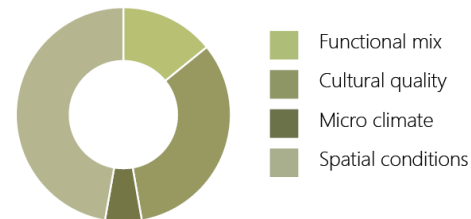
ECONOMICS



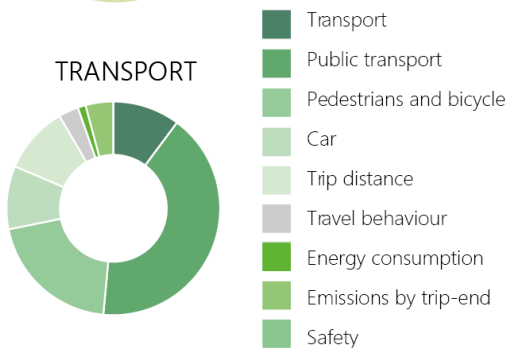
ECOLOGY



URBAN ENVIRONMENT



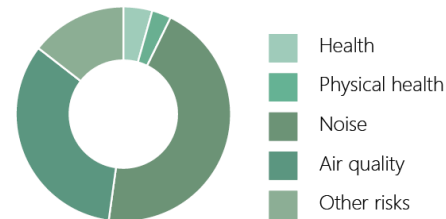
TRANSPORT



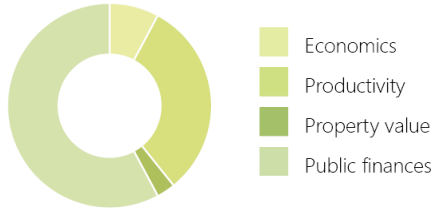
SOCIAL



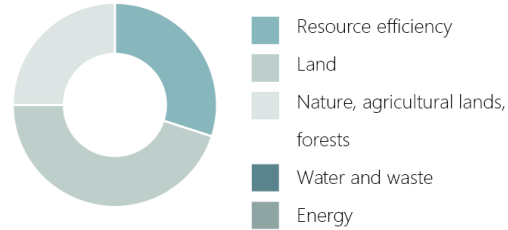
HEALTH



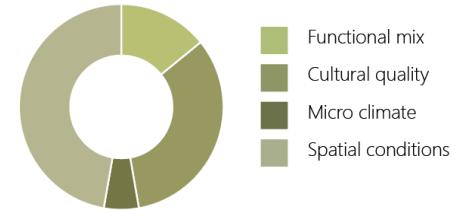
Comprehensive plans



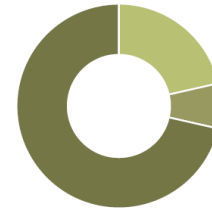
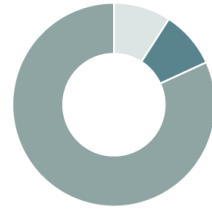
ECONOMICS



RESOURCE EFFICIENCY

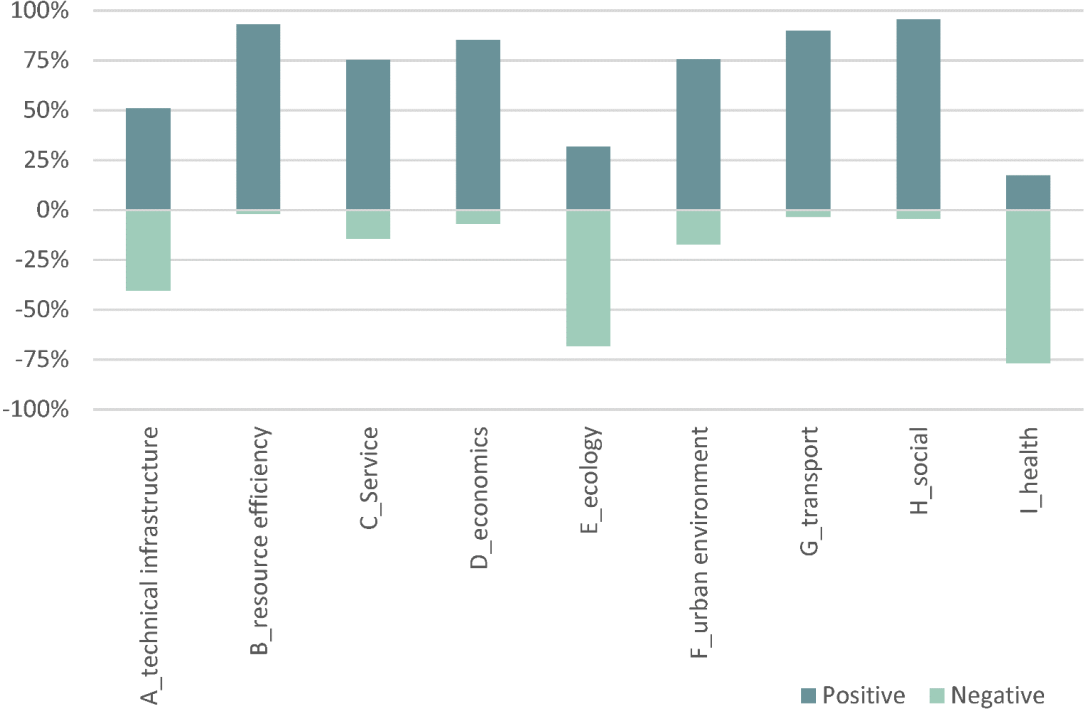


URBAN ENVIRONMENT

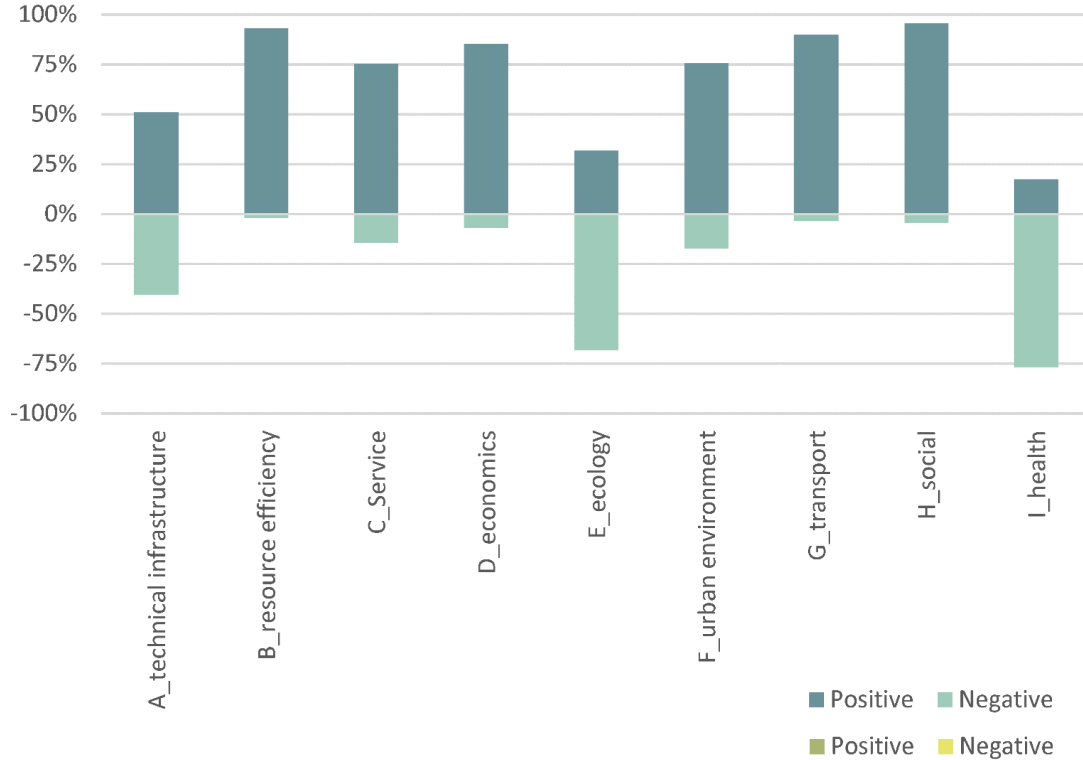


Scientific papers

Contribution to Agenda 2030

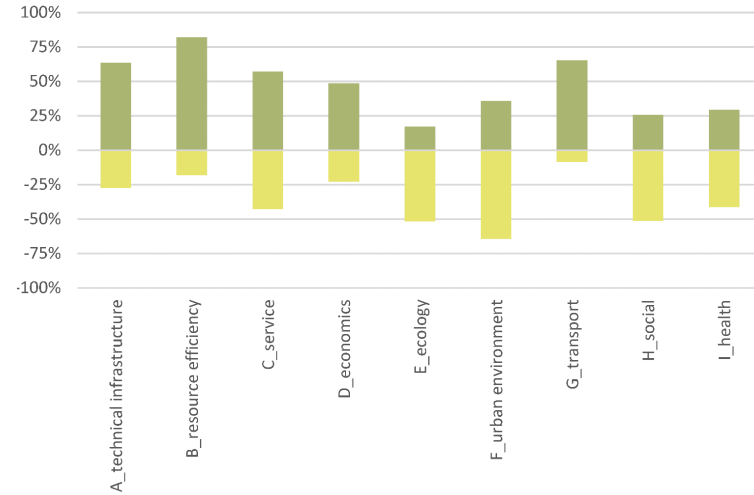


Contribution to Agenda 2030

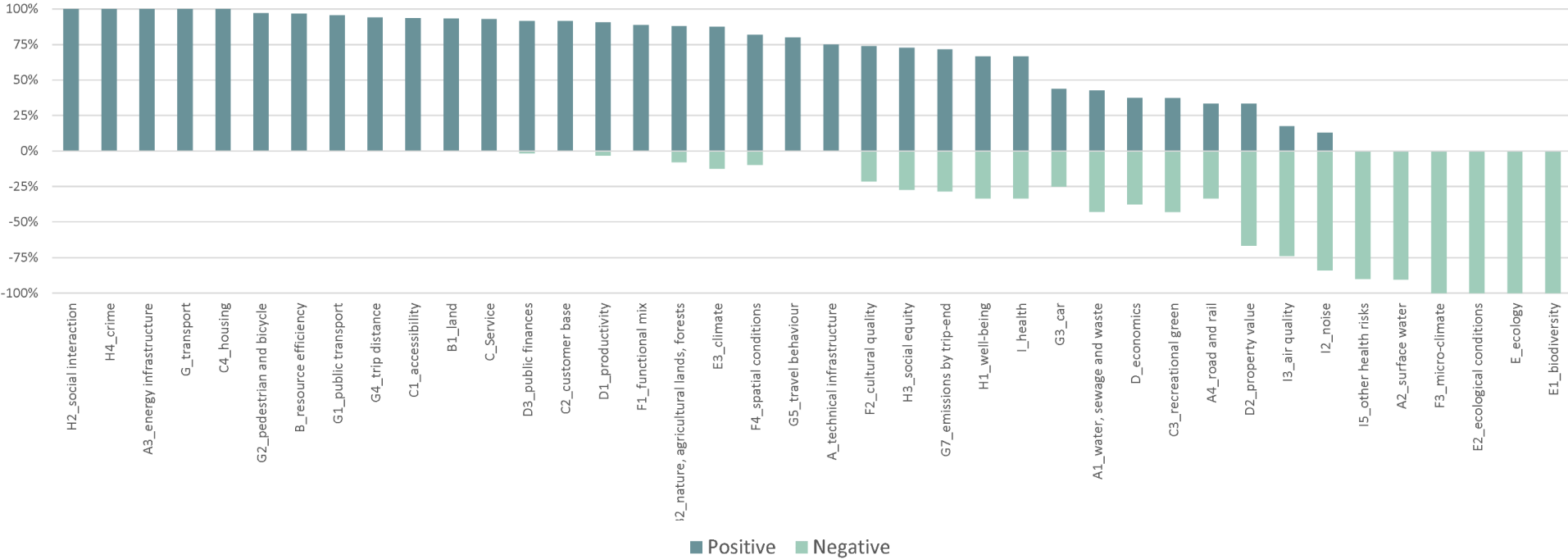


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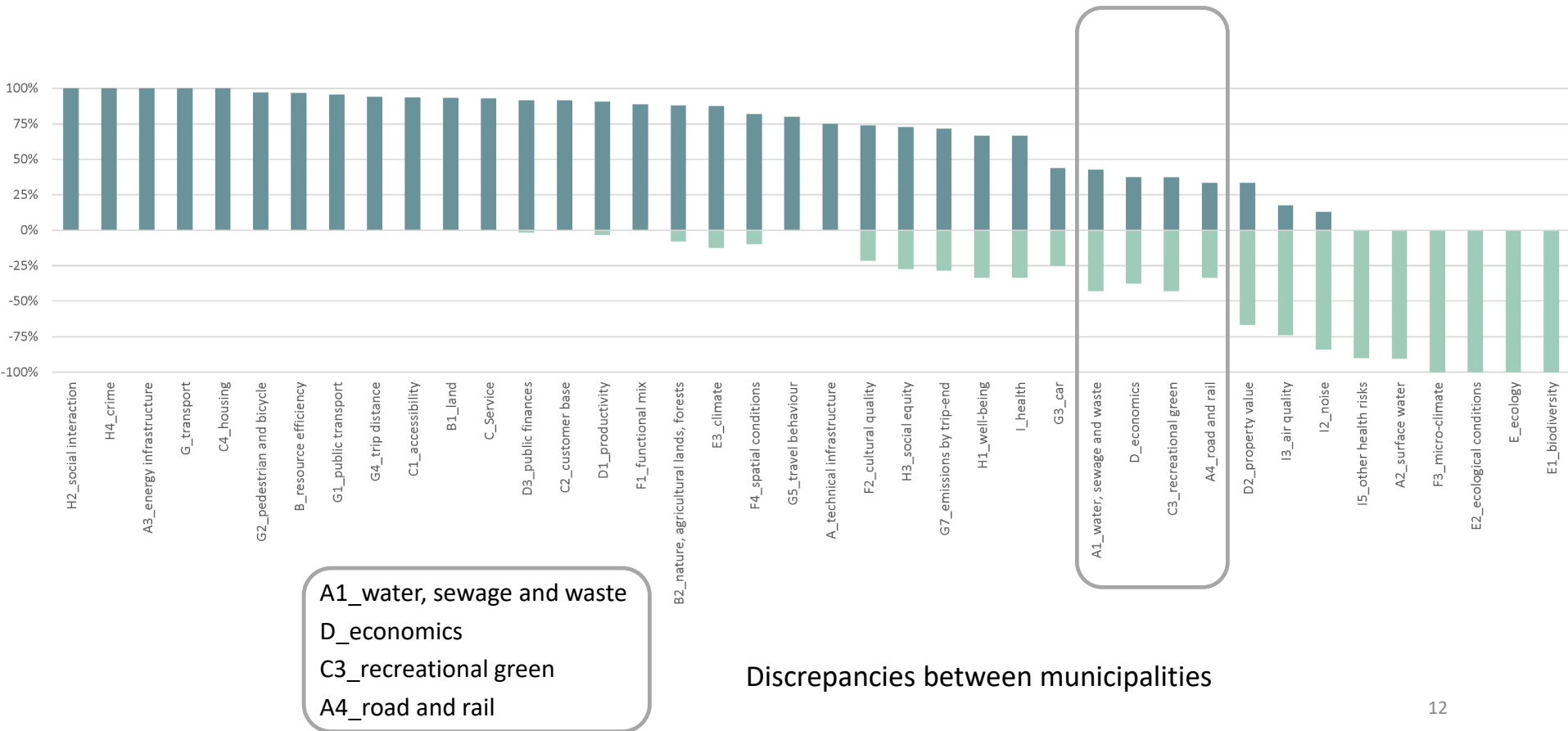
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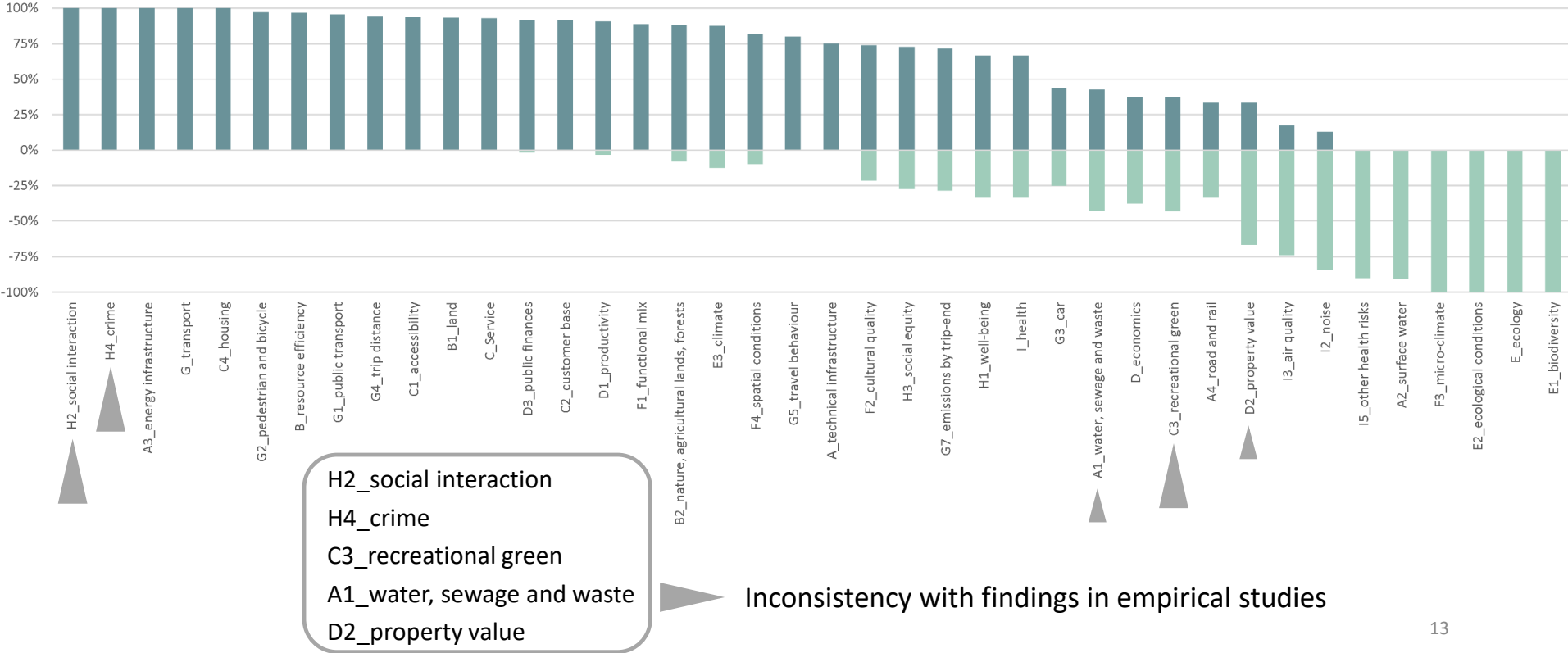
Contribution to Agenda 2030



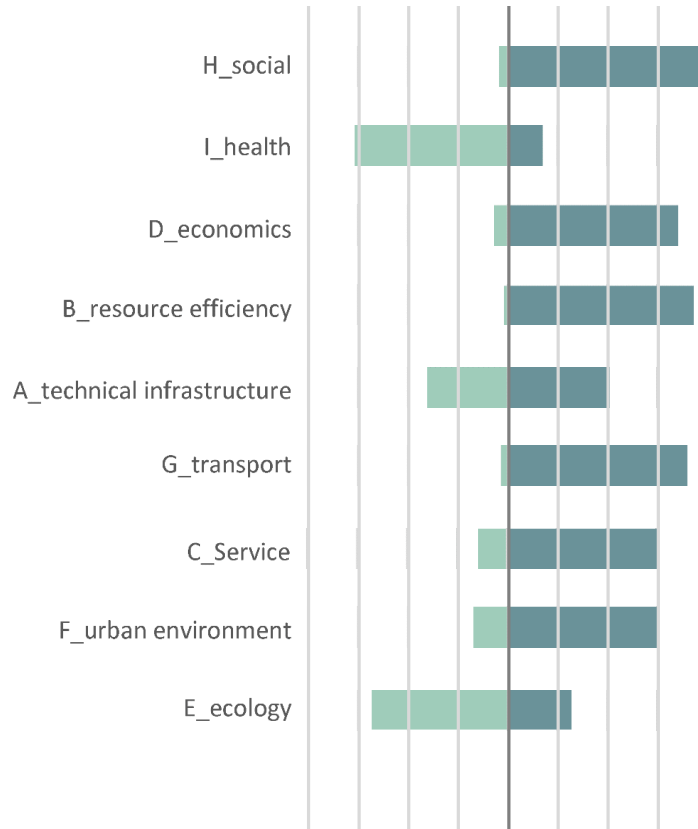
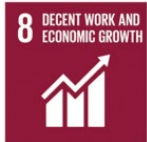
Contribution to Agenda 2030



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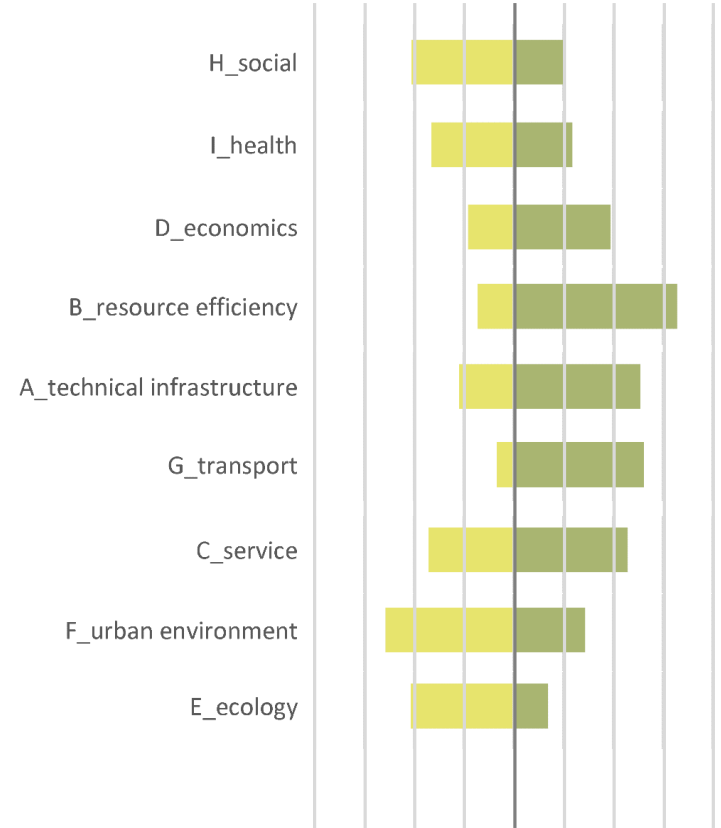
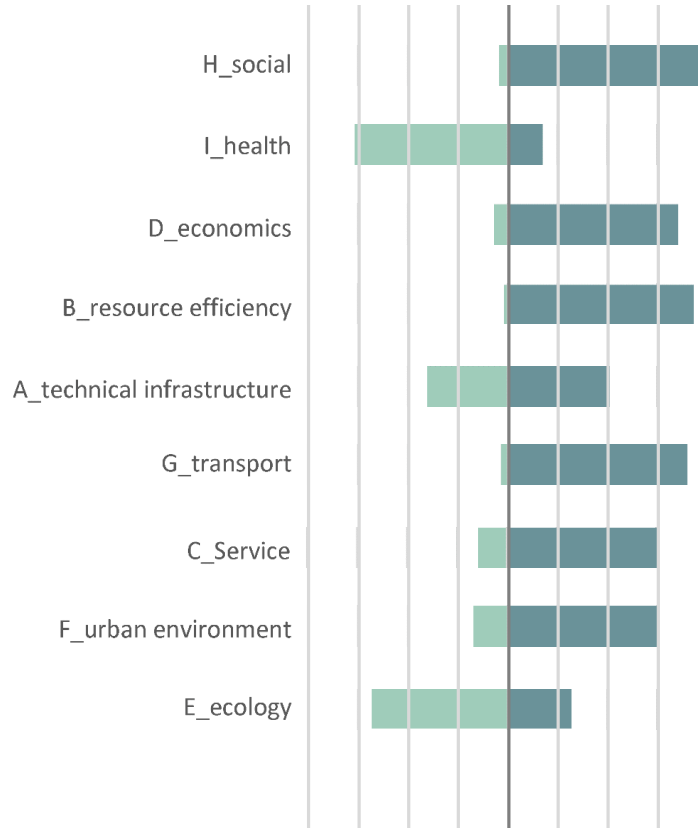
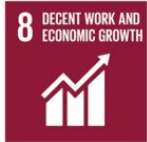


Contribution to Agenda 2030



1. Practice is very positive about densification except when it comes to health and ecology
2. Results from empirical studies are less positive

Contribution to Agenda 2030





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