Attityder till vindkraft och betydelsen av kompensation och delaktighet

Daniel Lindvall - Uppsala universitet

Baseline attitudes to wind power

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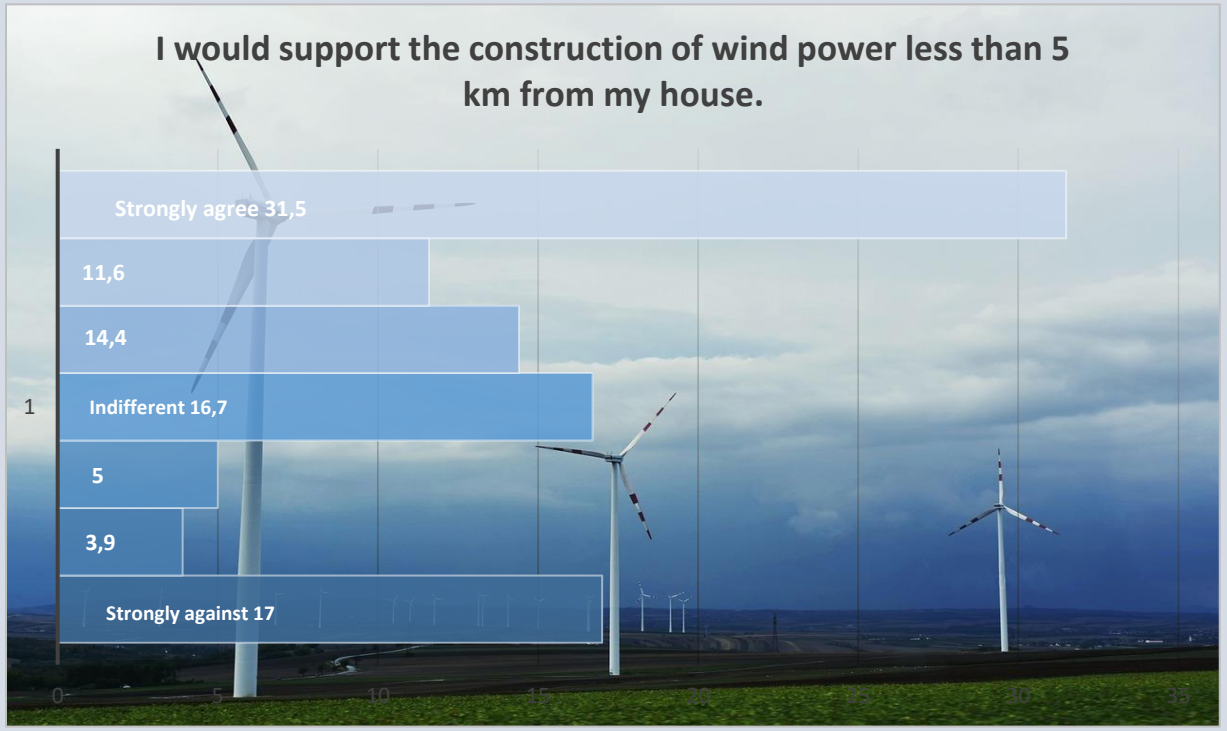
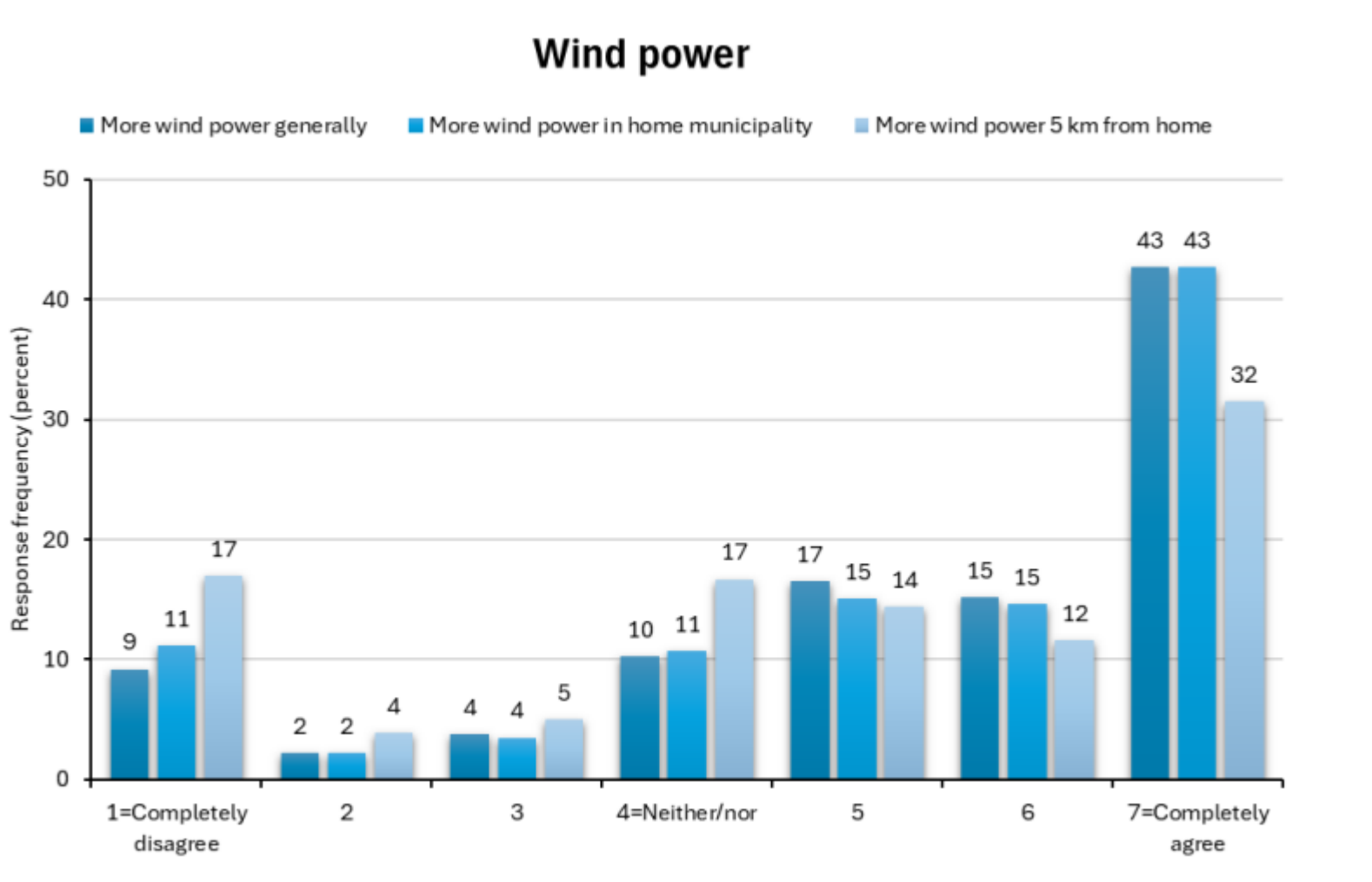


Baseline attitudes to wind power

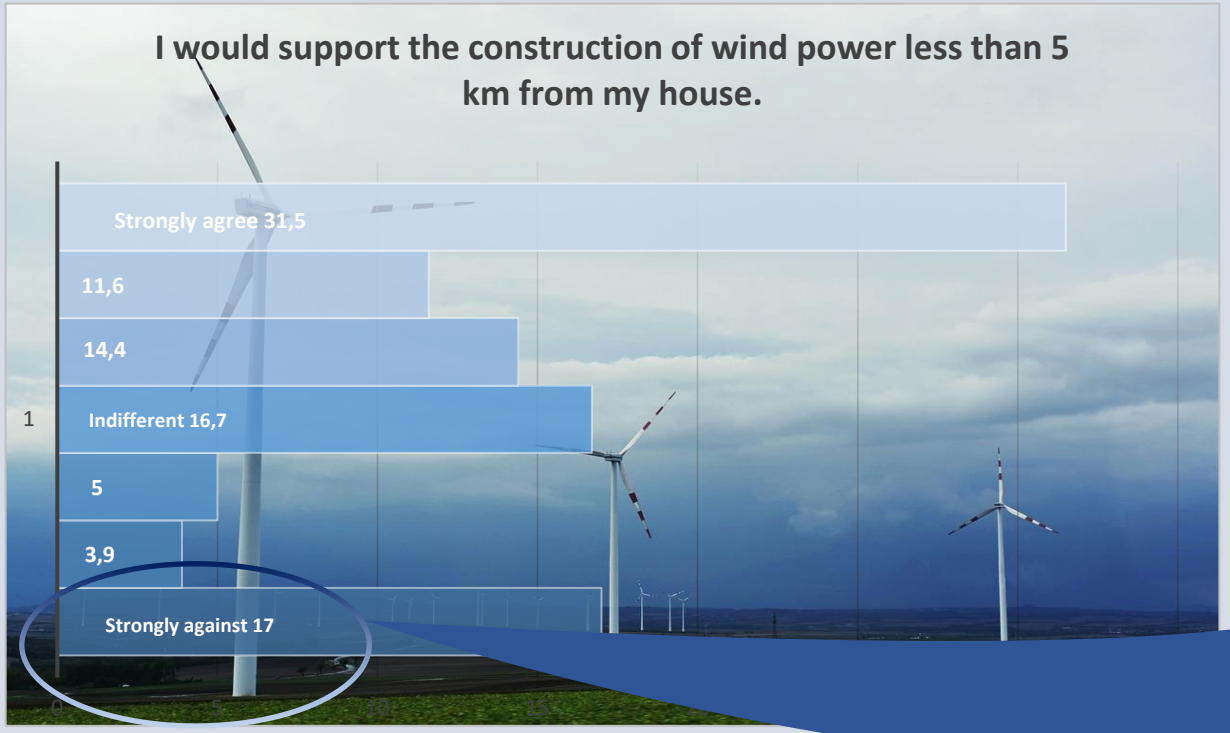


Wind power in general
Support: 75 %
Against: 15 %

Wind power in your municipality
Support: 73 %
Against: 17 %

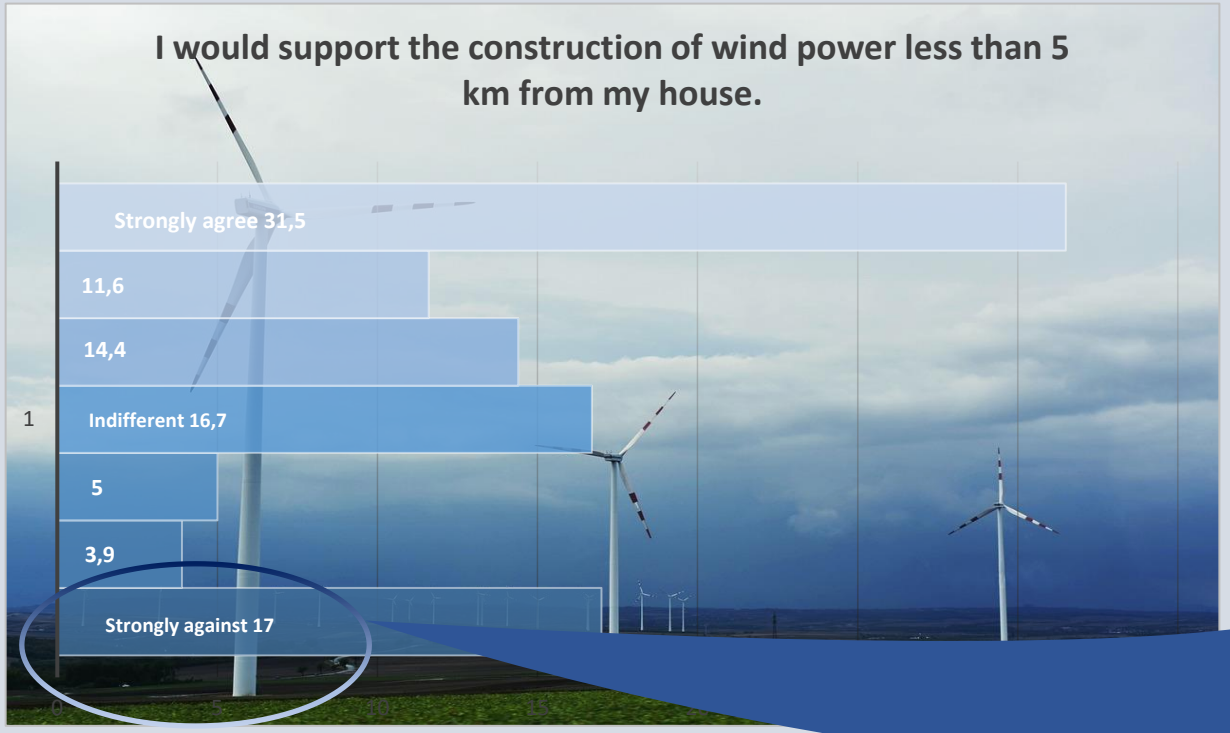
Wind power in near your house
Support: 58 %
Against: 26 %

Can we influence wind power resistance?



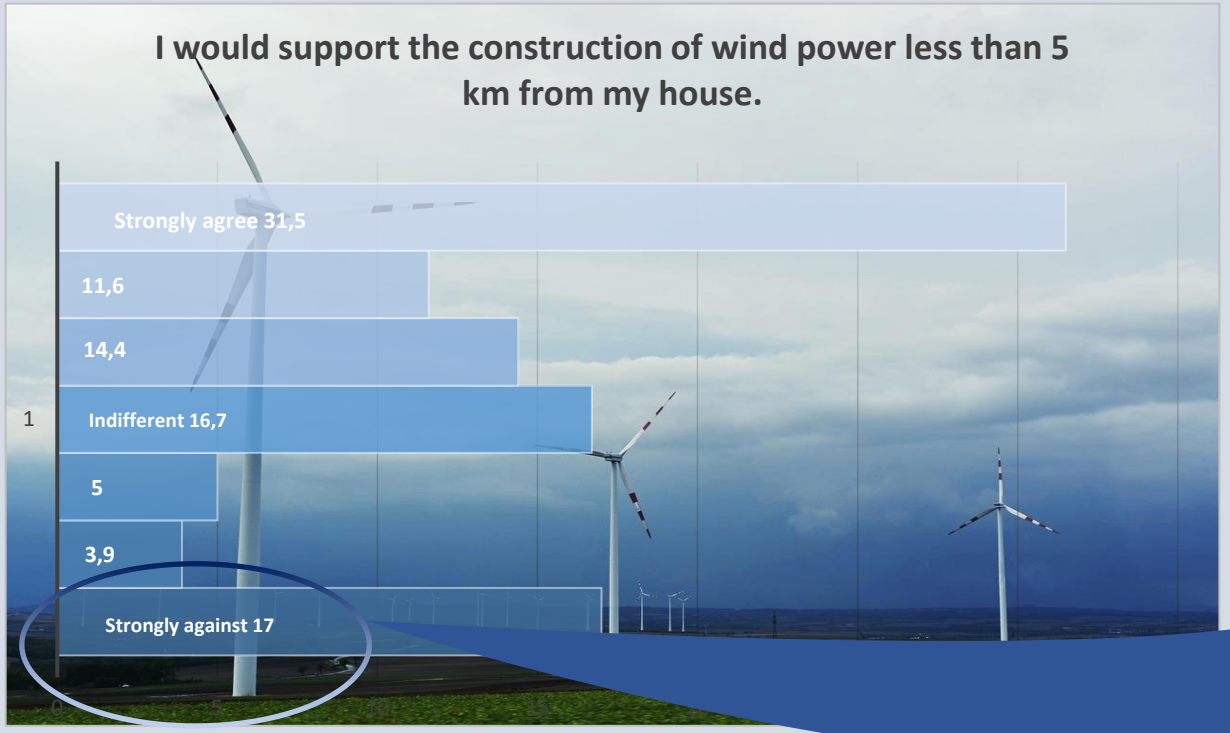
I would be more supportive if the operator would pay tax to the municipality, enabling increased funding of for example schooling, health and public care services

Can we influence wind power resistance?



I would be more supportive if I as a person living nearby would receive compensation or discounted electricity?

Can we influence wind power resistance?



I would be more supportive if I would first be given real possibility to influence the decision to construct wind power in my municipality.

More supportive with personal justice framing?

All respondents expressed mean “support” 4,3
Antagonistic respondents expressed mean “support” 2,01

Panel C: Personal justice framing

Baseline response	Response after “fair” policy treatment				
	Still strongly against (1)	*Still Against (2-3)*	*Neutral/No difference (4)*	*More supportive (5-6)*	*Much more supportive (7)*
Negative	54.3 %	17.1 %	15.9 %	9.4 %	3.3 %
Antagonistic	70.3 %	6.0 %	11.5 %	7.9 %	4.2 %

More supportive with procedural justice framing?

All respondents expressed mean “support” 4,1
Antagonistic respondents expressed mean “support” 1,71

Panel B: Procedural justice framing

Baseline response	Response after “fair” policy treatment				
	Still strongly against (1)	*Still Against (2-3)*	*Neutral/No difference (4)*	*More supportive (5-6)*	*Much more supportive (7)*
Negative	66.4 %	9.1 %	15.1 %	5.3 %	4.2 %
Antagonistic	79.0 %	3.1 %	12.3 %	2.4 %	3.1 %

More supportive with collective justice framing?

All respondents expressed mean “support” 4,66
Antagonistic respondents expressed mean “support” 1,63

Panel A: Collective justice framing

Baseline response	Response after “fair” policy treatment				
	Still strongly against (1)	*Still Against (2-3)*	*Neutral/No difference (4)*	*More supportive (5-6)*	*Much more supportive (7)*
Negative	60.2 %	10.0 %	14.6 %	9.9 %	5.4 %
Antagonistic	82.5 %	2.6 %	9.6 %	1.9 %	3.8 %

The face of wind power resistance ?

Table 7. The means and standard deviations (SD) of personal characteristics of respondents antagonistic to wind power 5 km from their own home.

Predictor variable	Mean	SD
Environmental concern	4.01	1.74
Political ideology	3.25	1.61
Trust in governments	3.50	1.84
Trust in politicians	3.03	1.69
Green-alternative-libertarian (GAL)	4.66	1.53
Traditional-authoritarian-nationalist (TAN)	5.49	1.51

Motståndet till vindkraft är drivet av ideologiska faktorer

The face of wind power resistance ?

Stöd till kommuner är mer populärt bland personer som röstar mer till vänster vänster.

Direkt ersättning mer populärt bland personer som röstar till höger och med högre TAN värde.

Table 11a. Results from a multiple regression model with willingness to accept new wind power 5 km from own home following collective policy treatment as dependent variable (df = 1432).

Predictor/control variable	Beta	*t*	*p*
Environmental concern	.17	5.65*	<.001
Political ideology	.12	3.84*	<.001
Trust in governments	-.003	-0.08	.935
Trust in politicians	.09	2.99*	.003
Green-alternative-libertarian (GAL)	.14	4.08*	<.001
Traditional-authoritarian-nationalist (TAN)	-.03	-0.95	.341
Monthly income	-.02	-0.73	.464
Gender	.01	0.52	.602
Urban/rural living conditions	.01	0.56	.576

Note: * flags statistically significant values

Table 11c. Results from a multiple regression model with willingness to accept new wind power 5 km from own home following personal policy treatment as dependent variable (df = 1514).

Predictor/control variable	Beta	*t*	*p*
Environmental concern	.12	4.04*	<.001
Political ideology	.11	3.67*	<.001
Trust in governments	.05	1.47	.142
Trust in politicians	.02	0.62	.537
Green-alternative-libertarian (GAL)	.12	3.50*	<.001
Traditional-authoritarian-nationalist (TAN)	.10	3.09*	.002
Monthly income	-.03	-1.27	.203
Gender	.06	2.27*	.024
Urban/rural living conditions	-.003	-0.11	.909

Note: * flags statistically significant values