

Table S1: Codes, questions, and categories

Code	Question	Categories
support_nocars	Do you support investments in traffic-reducing measures?	Yes, I strongly support it – yes, I support it – I am undecided – no, I don't support it – no, I don't support it at all
support_measure	Do you support the implementation of the traffic measure on the Zeppelinstraße?	Yes – No – I don't know
priority_access	What priority do you think the following goals have in the implementation of the traffic measure? [Making the city more easily accessible]	Very high priority – high priority – low priority – very low priority
priority_rdsafety	What priority do you think the following goals have in the implementation of the traffic measure? [Improving road safety]	Very high priority – high priority – low priority – very low priority
priority_attractive	What priority do you think the following goals have in the implementation of the traffic measure? [Improving attractiveness of neighborhoods]	Very high priority – high priority – low priority – very low priority
priority_aq	What priority do you think the following goals have in the implementation of the traffic measure? [Reduction of environmental damage and air pollution]	Very high priority – high priority – low priority – very low priority
priority_mobility_opp	What priority do you think the following goals have in the implementation of the traffic measure? [Establishing a level playing field for modes of transport]	Very high priority – high priority – low priority – very low priority
priority_car	What priority do you think the following goals have in the implementation of the traffic measure? [Reducing car traffic]	Very high priority – high priority – low priority – very low priority
effect_rdsafety	In your opinion, what effect will the traffic measure have on the following issues? [Road safety]	<i>Greatly improve</i> – improve – no effect – worsen – greatly worsen
effect_noise	In your opinion, what effect will the traffic measure have on the following issues? [Traffic noise]	<i>Greatly improve</i> – improve – no effect – worsen – greatly worsen
effect_smell	In your opinion, what effect will the traffic measure have on the following issues? [Traffic fumes]	<i>Greatly improve</i> – improve – no effect – worsen – greatly worsen
effect_flow	In your opinion, what effect will the traffic measure have on the following issues? [Traffic flow]	<i>Greatly improve</i> – improve – no effect – worsen – greatly worsen
effect_aq	In your opinion, what effect will the traffic measure have on the following issues? [Air quality]	<i>Greatly improve</i> – improve – no effect – worsen – greatly worsen
effect_cc	In your opinion, what effect will the traffic measure have on the following issues? [Climate protection]	<i>Greatly improve</i> – improve – no effect – worsen – greatly worsen
effect_lifeequal	In your opinion, what effect will the traffic measure have on the following issues? [Life quality]	<i>Greatly improve</i> – improve – no effect – worsen – greatly worsen
effect_health	In your opinion, what effect will the traffic measure have on the following issues? [Health of residents]	<i>Greatly improve</i> – improve – no effect – worsen – greatly worsen
effect_mobility	In your opinion, what effect will the traffic measure have on the following issues? [Your personal mobility]	<i>Greatly improve</i> – improve – no effect – worsen – greatly worsen

env_cc	In your opinion, which of the following environmental issues are the most important? (Choose 3) [Climate change]	Yes – No
env_pollution	In your opinion, which of the following environmental issues are the most important? (Choose 3) [Pollution (soil, water, and air)]	Yes – No
env_deforest	In your opinion, which of the following environmental issues are the most important? (Choose 3) [Deforestation]	Yes – No
env_biodiv	In your opinion, which of the following environmental issues are the most important? (Choose 3) [Biodiversity loss]	Yes – No
env_energy	In your opinion, which of the following environmental issues are the most important? (Choose 3) [Growing energy and land use]	Yes – No
budget_env	With what priority should funds in Potsdam be allocated for environmental protection?	Very high priority – high priority – low priority – very low priority – undecided
use_car	How often do you use the following modes of transport? [Car]	Daily or almost daily – 1 to 3 days per week – 1 to 3 days per month – less than monthly – never or almost never
use_public	How often do you use the following modes of transport? [Public transport]	Daily or almost daily – 1 to 3 days per week – 1 to 3 days per month – less than monthly – never or almost never
use_foot	How often do you use the following modes of transport? [Routes solely by foot]	Daily or almost daily – 1 to 3 days per week – 1 to 3 days per month – less than monthly – never or almost never
use_bike	How often do you use the following modes of transport? [Bicycle]	Daily or almost daily – 1 to 3 days per week – 1 to 3 days per month – less than monthly – never or almost never
use_carshare	How often do you use the following modes of transport? [Car-Sharing]	Daily or almost daily – 1 to 3 days per week – 1 to 3 days per month – less than monthly – never or almost never
use_rentbike	How often do you use the following modes of transport? [Bicycle Sharing]	Daily or almost daily – 1 to 3 days per week – 1 to 3 days per month – less than monthly – never or almost never
way_kita	Which of the following trips is part of your daily routine? [Journey to Kindergarten/Kids' school]	Yes – No
way_work	Which of the following trips is part of your daily routine? [Journey to place of work]	Yes – No
way_study	Which of the following trips is part of your daily routine? [Journey to school/university]	Yes – No
way_shop	Which of the following trips is part of your daily routine? [Journey to supermarket/shopping]	Yes – No
way_other	Which of the following trips is part of your daily routine? [Journey to Kindergarten/Kids' school]	Yes – No
zep_freq_work_car	If 'Way to place of work' or 'Way to school/university' belong to your daily routine: How often do you use the Zeppelinstrasse for these trips with the following modes of transport? [Car]	Daily or almost daily – 1 to 3 days per week – 1 to 3 days per month – less than monthly – never or almost never

zep_freq_work_bike	If 'Way to place of work' or 'Way to school/university' belong to your daily routine: How often do you use the Zeppelinstrasse for these trips with the following modes of transport? [Bicycle]	Daily or almost daily – 1 to 3 days per week – 1 to 3 days per month – less than monthly – never or almost never
zep_freq_work_public	If 'Way to place of work' or 'Way to school/university' belong to your daily routine: How often do you use the Zeppelinstrasse for these trips with the following modes of transport? [Public transport]	Daily or almost daily – 1 to 3 days per week – 1 to 3 days per month – less than monthly – never or almost never
zep_freq_work_foot	If 'Way to place of work' or 'Way to school/university' belong to your daily routine: How often do you use the Zeppelinstrasse for these trips with the following modes of transport? [By foot]	Daily or almost daily – 1 to 3 days per week – 1 to 3 days per month – less than monthly – never or almost never
zep_freq_priv_car	How often do you use the Zeppelinstrasse for private trips with the following modes of transport? [Car]	Daily or almost daily – 1 to 3 days per week – 1 to 3 days per month – less than monthly – never or almost never
zep_freq_priv_bike	How often do you use the Zeppelinstrasse for private trips with the following modes of transport? [Bicycle]	Daily or almost daily – 1 to 3 days per week – 1 to 3 days per month – less than monthly – never or almost never
zep_freq_priv_public	How often do you use the Zeppelinstrasse for private trips with the following modes of transport? [Public transport]	Daily or almost daily – 1 to 3 days per week – 1 to 3 days per month – less than monthly – never or almost never
zep_freq_priv_foot	How often do you use the Zeppelinstrasse for private trips with the following modes of transport? [By foot]	Daily or almost daily – 1 to 3 days per week – 1 to 3 days per month – less than monthly – never or almost never
access_car	How well can you reach your daily destinations from your place of residence with the following modes of transport? [Car]	Well – to some extent – poor – I don't know
access_bike	How well can you reach your daily destinations from your place of residence with the following modes of transport? [Bicycle]	Well – to some extent – poor – I don't know
access_public	How well can you reach your daily destinations from your place of residence with the following modes of transport? [Public transport]	Well – to some extent – poor – I don't know
access_foot	How well can you reach your daily destinations from your place of residence with the following modes of transport? [By foot]	Well – to some extent – poor – I don't know
future_foot	Do you see yourself ... [travelling by foot more often] ... in the future?	Yes – No – Maybe
future_bike	Do you see yourself ... [travelling by bicycle more often] ... in the future?	Yes – No – Maybe
future_public	Do you see yourself ... [travelling by public transport more often] ... in the future?	Yes – No – Maybe
future_carpool	Do you see yourself ... [carpooling more often] ... in the future?	Yes – No – Maybe
future_carshare	Do you see yourself ... [using car-sharing services more often] ... in the future?	Yes – No – Maybe
filter_km_studyarea	If 'Way to place of work' or 'Way to school/university' belong to your daily routine: How many kilometers is it to your place of work or study?	Less than 5 km – 5 to 10 km – 11 to 20 km – 21 to 30 km – 31 to 40 km – 41 to 50 km – 51 to 60 km – more than 60 km

decision_env	How important is environmental friendliness to you in your daily mobility decision-making?	1 = absolutely important – 2 – 3 – 4 – 5 – 6 = not at all important
aq_rating	How do you rate the air quality in Potsdam?	1 (very good) – 2 – 3 – 4 – 5 – 6 (very bad) – I don't know
aq_concern	How concerned are you about air quality in Potsdam?	1 (very unconcerned) – 2 – 3 – 4 – 5 – 6 (very concerned) – I don't know
cc_concern	How concerned are you about climate change?	1 (very unconcerned) – 2 – 3 – 4 – 5 – 6 (very concerned) – I don't know
cc_affected	In your opinion, are you affected by the impacts of climate change during your daily routine?	Yes – No – I don't know
health_cc	Which of the following environmental issues do you think affect the health of residents in Potsdam the most? (Choose 3) [Climate change]	Yes – No
health_smoke	Which of the following environmental issues do you think affect the health of residents in Potsdam the most? (Choose 3) [Public smoking]	Yes – No
health_foodcont	Which of the following environmental issues do you think affect the health of residents in Potsdam the most? (Choose 3) [Food contamination]	Yes – No
health_water_poll	Which of the following environmental issues do you think affect the health residents in Potsdam the most? (Choose 3) [Water pollution]	Yes – No
health_air_poll	Which of the following environmental issues do you think affect the health of residents in Potsdam the most? (Choose 3) [Air pollution]	Yes – No
health_soil_poll	Which of the following environmental issues do you think affect the health of residents in Potsdam the most? (Choose 3) [Soil pollution]	Yes – No
air_industry	Which of the following sources do you think are the biggest threats to the air quality in Potsdam? (Choose 3) [Industrial activities]	Yes – No
air_agriculture	Which of the following sources do you think are the biggest threats to the air quality in Potsdam? (Choose 3) [Emissions from agriculture]	Yes – No
air_berlin	Which of the following sources do you think are the biggest threats to the air quality in Potsdam? (Choose 3) [Emissions from Berlin]	Yes – No
air_countries	Which of the following sources do you think are the biggest threats to the air quality in Potsdam? (Choose 3) [Emissions from other countries]	Yes – No
air_household	Which of the following sources do you think are the biggest threats to the air quality in Potsdam? (Choose 3) [Energy use and heating in households]	Yes – No
air_transportation	Which of the following sources do you think are the biggest threats to the air quality in Potsdam? (Choose 3) [Transportation]	Yes – No
measure_aq_indus_energy	In your opinion, which of the following measures are the most effective in improving air quality? (Choose 3) [Stricter controls on industry and energy production]	Yes – No
measure_aq_car	In your opinion, which of the following measures are the most effective in improving air quality? (Choose 3) [Stricter controls on emissions from	Yes – No

	cars]	
measure_aq_limit_traffic	In your opinion, which of the following measures are the most effective in improving air quality? (Choose 3) [Restricting traffic in polluted cities]	Yes – No
measure_aq_info	In your opinion, which of the following measures are the most effective in improving air quality? (Choose 3) [More information for the public about air pollution]	Yes – No
measure_aq_incentive	In your opinion, which of the following measures are the most effective in improving air quality? (Choose 3) [Greater financial incentives for environmentally friendly products]	Yes – No
measure_aq_monitor	In your opinion, which of the following measures are the most effective in improving air quality? (Choose 3) [Expansion of the air quality measurement network]	Yes – No
informed_aq	How informed do you feel about the air quality in Potsdam?	Very poorly – poorly – well – very well – I don't know
informed_wishes	Do you wish to be better informed about the air quality in Potsdam?	Yes – No – I don't know
info_radio	Which sources of information do you use to inform yourself about air quality? [Radio]	Yes – No
info_tv	Which sources of information do you use to inform yourself about air quality? [Television]	Yes – No
info_web	Which sources of information do you use to inform yourself about air quality? [Websites]	Yes – No
info_app	Which sources of information do you use to inform yourself about air quality? [Mobile apps]	Yes – No
info_social	Which sources of information do you use to inform yourself about air quality? [Social media]	Yes – No
info_digiboard	Which sources of information do you use to inform yourself about air quality? [Digital traffic signs]	Yes – No
info_newspaper	Which sources of information do you use to inform yourself about air quality? [Newspaper/Magazine]	Yes – No
info_other	Which sources of information do you use to inform yourself about air quality? [Other]	Yes – No
informed_aq_check	Do you inform yourself about the up-to-date air quality?	Yes, I inform myself regularly – Yes, but infrequently – No, I don't inform myself
age	Please select how old you are:	<18 years – 18-34 years – 34-54 years – >55 years
gender	Please select your gender:	Male - Female
qualification	What is your highest qualification?	Realschule – Hauptschule – Gymnasium – Berufsausbildung – Bachelor's Degree – Master's Degree – Other
work_none	What is your occupation? I am ... [unemployed]	Yes – No
work_part	What is your occupation? I am ... [part-time employed (18-34 hours a week)]	Yes – No
work_part_less	What is your occupation? I am ... [part-time employed (less than 18 hours a week)]	Yes – No
work_full	What is your occupation? I am ... [full-time employed]	Yes – No
work_azubi	What is your occupation? I am ... [in an apprenticeship]	Yes – No

work_study	What is your occupation? I am ... [studying]	Yes – No
work_pension	What is your occupation? I am ... [retired]	Yes – No
work_leave	What is your occupation? I am ... [on leave]	Yes – No
work_household	What is your occupation? I am ... [a housewife/househusband]	Yes – No
work_other	What is your occupation? I am ... [other]	Yes – No
kids_house	How many children live in your house (younger than 18 years old)?	0 – 1 – 2 – 3 – 4 or more
person_house	How many people currently live in your household, yourself included?	1 – 2 – 3 – 4 – 5 – 6 – 7
healthstatus	How do you rate your health-status? (in the last 12 months)	Bad – somewhat good – good – very good
income	How high is your household's yearly income?	<€10,000 – €10-19,999 – €20-29,999 – €30-39,999 – €40-49,999 – €50-59,999 – €60-69,999 – >€70,000
sick_asthma	Are you affected by one of the following illnesses? [Asthma]	Yes – No
sick_pollen	Are you affected by one of the following illnesses? [Pollen allergies]	Yes – No
sick_lung	Are you affected by one of the following illnesses? [Other lung illnesses]	Yes – No
sick_cardio	Are you affected by one of the following illnesses? [Heart problems]	Yes – No
sick_none	Are you affected by one of the following illnesses? [Not affected]	Yes – No
resident_zepp	Do you live on the Zeppelinstrasse or in the direct vicinity? (less than two streets away)	Yes – No
resident_region	In which part of Potsdam do you live?	Alt Drewitz, Kirschsteigfeld – Other regions – Babelsberg Nord, Klein Glienicke – Babelsberg Süd – Bornim, Bornstedt, Nedlitz, Am Ruinenberg, Rote Kasernen – Brandenburg Vorstadt – Drewitz – Eiche – Golm – Groß Glienicke, Krampnitz, Sacrow – Grube – Hauptbahnhof, Brauhausberg, Templiner und Teltower Vorstadt – Innenstadt, Am Weinberg – Nauener und Berliner Vorstadt – Neu Fahrland, Fahrland, Satzkorn, Marquardt, Uetz-Paaren – Potsdam West – Schlaatz – Stern – Waldstadt I, Industriegelände – Waldstadt II – Zentrum Ost
resident_location *	Where do you live?	Potsdam – Other regions
Resident_other	If you selected 'Other regions' and you do not live in Potsdam, please give your place of residence:	Free comment

*Combination of "In what part of Potsdam do you live?" (*resident_region*) and "If you don't live in Potsdam, please give your place of residence:" (*resident_other*)

Table S2. Output from the regularized elastic-net regression model using the interpretation subset found from the first VSURF run with support_nocars. Log-odds coefficients were calculated directly by the model in R. Odds ratios (OR) were calculated manually from the coefficients and the probabilities were calculated subsequently using the OR. A probability of $P(\text{sup}) > 0.5$ indicates that selecting that category is associated with a greater likelihood of supporting investments in traffic-reducing measures (support_nocars); $P(\text{sup}) < 0.5$ indicates a greater likelihood not to support these investments. The variable categories are organized in descending order of the absolute value of the log-odds coefficients.

Variable Category	Log-Odds Coefficient	Odds Ratio	Probability $P(\text{sup})$
X - Intercept	-1.33		
measure_aq_limit_traffic Yes	1.33	3.80	0.79
budget_env <i>Very low priority</i>	-0.94	0.39	0.28
future_opnv Yes	0.90	2.45	0.71
use_pkw <i>Daily or almost daily</i>	-0.54	0.58	0.37
air_transportation Yes	0.42	1.52	0.60
decision_env 6 = <i>not at all important</i>	-0.37	0.69	0.41
health_air_poll Yes	0.31	1.37	0.58
cc_concern 6	0.31	1.36	0.58
measure_aq_car Yes	0.30	1.35	0.57
budget_env <i>Very high priority</i>	0.30	1.35	0.57
future_bike Yes	0.28	1.33	0.57
future_carpool Yes	0.28	1.33	0.57
future_opnv <i>Maybe</i>	0.26	1.29	0.56
income €60-69,999	0.25	1.28	0.56
env_pollution Yes	0.23	1.26	0.56
use_bike <i>Daily or almost daily</i>	0.22	1.25	0.56
measure_aq_indus_energy Yes	-0.21	0.81	0.45
decision_env 2	0.18	1.19	0.54
age >55 years	-0.18	0.84	0.46
zep_freq_priv_bike <i>1 to 3 days per month</i>	0.17	1.19	0.54
informed_wishes Yes	0.17	1.19	0.54
use_opnv <i>1 to 3 days per week</i>	0.17	1.18	0.54
future_carshare Yes	0.16	1.18	0.54
budget_env <i>Low priority</i>	-0.16	0.86	0.46
zep_freq_priv_bike <i>1 to 3 days per week</i>	0.13	1.13	0.53
cc_affected Yes	0.12	1.12	0.53
qualification <i>Berufsausbildung</i>	-0.10	0.90	0.47
use_opnv <i>1 to 3 days per month</i>	0.10	1.11	0.53
income >€70,000	0.10	1.10	0.52
aq_concern 4	0.10	1.10	0.52
zep_freq_priv_foot <i>1 to 3 days per week</i>	0.09	1.10	0.52
zep_freq_priv_opnv <i>1 to 3 days per month</i>	0.07	1.08	0.52
access_bike <i>To some extent</i>	0.07	1.07	0.52
cc_concern 3	-0.07	0.93	0.48
zep_freq_priv_car <i>Daily or almost daily</i>	-0.06	0.94	0.48
person_house 4	0.06	1.07	0.52
zep_freq_priv_opnv <i>Less than monthly</i>	0.06	1.06	0.52
future_carpool <i>Maybe</i>	0.06	1.06	0.51
decision_env 4	-0.04	0.96	0.49
decision_env 5	-0.04	0.96	0.49
use_pkw <i>1 to 3 days per month</i>	0.03	1.03	0.51
zep_freq_priv_bike <i>Less than monthly</i>	0.03	1.03	0.51
access_opnv <i>Good</i>	0.03	1.03	0.51
cc_concern 5	0.02	1.02	0.51
income €20-29,999	-0.02	0.98	0.49
aq_concern 5	0.02	1.02	0.50

age 35-54 years	0.02	1.02	0.50
future_bike <i>Maybe</i>	0.01	1.01	0.50
use_opnv <i>Daily or almost daily</i>	0.01	1.01	0.50
zep_freq_work_opnv <i>Daily or almost daily</i>	0.01	1.01	0.50
use_pkw <i>Less than monthly</i>	0	1	0.5
use_pkw <i>1 to 3 days per week</i>	0	1	0.5
decision_env 3	0	1	0.5
decision_env <i>I don't know</i>	0	1	0.5
budget_env <i>High priority</i>	0	1	0.5
use_opnv <i>Less than monthly</i>	0	1	0.5
use_bike <i>Less than monthly</i>	0	1	0.5
use_bike <i>1 to 3 days per month</i>	0	1	0.5
use_bike <i>1 to 3 days per week</i>	0	1	0.5
zep_freq_priv_bike <i>Daily or almost daily</i>	0	1	0.5
qualification <i>Realschule</i>	0	1	0.5
qualification <i>Gymnasium</i>	0	1	0.5
qualification <i>Bachelor's degree</i>	0	1	0.5
qualification <i>Master's degree</i>	0	1	0.5
qualification <i>Other</i>	0	1	0.5
zep_freq_priv_car <i>Less than monthly</i>	0	1	0.5
zep_freq_priv_car <i>1 to 3 days per month</i>	0	1	0.5
zep_freq_priv_car <i>1 to 3 days per week</i>	0	1	0.5
access_bike <i>Good</i>	0	1	0.5
access_bike <i>I don't know</i>	0	1	0.5
aq_concern 2	0	1	0.5
aq_concern 3	0	1	0.5
aq_concern 6	0	1	0.5
aq_concern <i>I don't know</i>	0	1	0.5
access_opnv <i>To some extent</i>	0	1	0.5
access_opnv <i>I don't know</i>	0	1	0.5
zep_freq_priv_opnv <i>1 to 3 days per week</i>	0	1	0.5
zep_freq_priv_opnv <i>Daily or almost daily</i>	0	1	0.5
cc_concern 2	0	1	0.5
cc_concern 4	0	1	0.5
cc_concern <i>I don't know</i>	0	1	0.5
zep_freq_work_car <i>Less than monthly</i>	0	1	0.5
zep_freq_work_car <i>1 to 3 days per month</i>	0	1	0.5
zep_freq_work_car <i>1 to 3 days per week</i>	0	1	0.5
zep_freq_work_car <i>Daily or almost daily</i>	0	1	0.5
income €10-19,999	0	1	0.5
income €30-39,999	0	1	0.5
income €40-49,999	0	1	0.5
income €50-59,999	0	1	0.5
zep_freq_work_opnv <i>Less than monthly</i>	0	1	0.5
zep_freq_work_opnv <i>1 to 3 days per month</i>	0	1	0.5
zep_freq_work_opnv <i>1 to 3 days per week</i>	0	1	0.5
zep_freq_work_bike <i>Less than monthly</i>	0	1	0.5
zep_freq_work_bike <i>1 to 3 days per month</i>	0	1	0.5
zep_freq_work_bike <i>1 to 3 days per week</i>	0	1	0.5
zep_freq_work_bike <i>Daily or almost daily</i>	0	1	0.5
filter_km_studyarea <i>5 to 10 km</i>	0	1	0.5
filter_km_studyarea <i>11 to 20 km</i>	0	1	0.5
filter_km_studyarea <i>21 to 30 km</i>	0	1	0.5
filter_km_studyarea <i>31 to 40 km</i>	0	1	0.5
filter_km_studyarea <i>41 to 50 km</i>	0	1	0.5
filter_km_studyarea <i>51 to 60 km</i>	0	1	0.5
filter_km_studyarea <i>more than 60 km</i>	0	1	0.5

zep_freq_priv_foot <i>Less than monthly</i>	0	1	0.5
zep_freq_priv_foot <i>1 to 3 days per month</i>	0	1	0.5
zep_freq_priv_foot <i>Daily or almost daily</i>	0	1	0.5
future_carshare <i>Maybe</i>	0	1	0.5
person_house 2	0	1	0.5
person_house 3	0	1	0.5
person_house 5	0	1	0.5
informed_wishes <i>I don't know</i>	0	1	0.5
resident_location <i>Potsdam</i>	0	1	0.5
future_foot <i>Maybe</i>	0	1	0.5
future_foot <i>Yes</i>	0	1	0.5
use_foot <i>Less than monthly</i>	0	1	0.5
use_foot <i>1 to 3 days per month</i>	0	1	0.5
use_foot <i>1 to 3 days per week</i>	0	1	0.5
use_foot <i>Daily or almost daily</i>	0	1	0.5
informed_aq <i>poorly</i>	0	1	0.5
informed_aq <i>Well</i>	0	1	0.5
informed_aq <i>Very well</i>	0	1	0.5
informed_aq <i>I don't know</i>	0	1	0.5

Table S3. Output from the regularized elastic-net logistic regression model using the interpretation subset found from the second VSURF run with support_measure. Results calculated as in Table S2.

Variable Category	Log-Odds Coefficient	Odds Ratio	Probability P(sup)
X-Intercept	-3.46		
effect_lifequal <i>Greatly improve</i>	2.22	9.17	0.90
effect_lifequal <i>Improve</i>	1.53	4.63	0.82
measure_aq_limit_traffic <i>Yes</i>	1.12	3.07	0.75
support_nopkw <i>Yes , I strongly support it</i>	1.02	2.78	0.74
effect_mobility <i>Greatly worsen</i>	-0.84	0.43	0.30
effect_mobility <i>Greatly improve</i>	0.74	2.09	0.68
effect_health <i>Improve</i>	0.63	1.87	0.65
effect_mobility <i>Improve</i>	0.61	1.84	0.65
effect_aq <i>Improve</i>	0.53	1.70	0.63
effect_aq <i>Greatly improve</i>	0.45	1.56	0.61
effect_health <i>Greatly improve</i>	0.10	1.11	0.53
effect_smell <i>Improve</i>	0.01	1.01	0.50
effect_mobility <i>Worsen</i>	0	1	0.5
effect_lifequal <i>Worsen</i>	0	1	0.5
effect_lifequal <i>Greatly worsen</i>	0	1	0.5
effect_health <i>Worsen</i>	0	1	0.5
effect_health <i>Greatly worsen</i>	0	1	0.5
effect_aq <i>Worsen</i>	0	1	0.5
effect_aq <i>Greatly worsen</i>	0	1	0.5
support_nopkw <i>no, I don't support it at all</i>	0	1	0.5
support_nopkw <i>no, I don't support it</i>	0	1	0.5
support_nopkw <i>Yes , I support it</i>	0	1	0.5
effect_cc <i>Greatly improve</i>	0	1	0.5
effect_cc <i>Improve</i>	0	1	0.5
effect_cc <i>Worsen</i>	0	1	0.5
effect_cc <i>Greatly worsen</i>	0	1	0.5
effect_smell <i>Greatly improve</i>	0	1	0.5
effect_smell <i>Worsen</i>	0	1	0.5
effect_smell <i>Greatly worsen</i>	0	1	0.5

Table S4. Output from the regularized elastic-net logistic regression model using the interpretation subset found from the VSURF run with support_measure without Zeppelinstrasse variables. Results calculated as in Table S2.

Variable Category	Log-Odds Coefficient	Odds Ratio	Probability P(sup)
X-Intercept	-3.65		
measure_aq_limit_traffic Yes	2.29	9.90	0.91
use_pkw Daily or almost daily	-0.85	0.43	0.30
future_carshare Yes	0.63	1.88	0.65
budget_env Very high priority	0.58	1.79	0.64
use_bike Daily or almost daily	0.48	1.62	0.62
future_bike Yes	0.45	1.56	0.61
use_opnv 1 to 3 days per week	0.42	1.52	0.60
decision_env 3	-0.39	0.68	0.40
env_deforest Yes	-0.38	0.68	0.41
future_opnv Yes	0.37	1.44	0.59
measure_aq_indus_energy Yes	-0.30	0.74	0.42
access_opnv Good	0.26	1.30	0.56
zep_freq_work_bike Daily or almost daily	0.26	1.29	0.56
Qualification Master's degree	0.22	1.25	0.56
aq_concern 6	0.18	1.19	0.54
aq_concern 4	0.15	1.16	0.54
health_air_poll Yes	0.15	1.16	0.54
person_house 4	0.14	1.15	0.53
use_pkw Less than monthly	0.14	1.15	0.53
zep_freq_work_bike 1 to 3 days per week	0.11	1.12	0.53
future_carshare Maybe	0.10	1.10	0.52
future_foot Yes	0.06	1.06	0.52
zep_freq_priv_foot 1 to 3 days per month	0.04	1.04	0.51
use_pkw 1 to 3 days per week	-0.04	0.96	0.49
zep_freq_work_car 1 to 3 days per week	-0.03	0.97	0.49
use_pkw 1 to 3 days per month	0.02	1.02	0.51
zep_freq_priv_foot Less than monthly	0.02	1.02	0.50
decision_env 2	0	1	0.5
decision_env 4	0	1	0.5
decision_env 5	0	1	0.5
decision_env 6 = not at all important	0	1	0.5
decision_env I don't know	0	1	0.5
use_bike Less than monthly	0	1	0.5
use_bike 1 to 3 days per month	0	1	0.5
use_bike 1 to 3 days per week	0	1	0.5
future_bike Maybe	0	1	0.5
access_bike To some extent	0	1	0.5
access_bike Good	0	1	0.5
access_bike I don't know	0	1	0.5
zep_freq_work_car Less than monthly	0	1	0.5
zep_freq_work_car 1 to 3 days per month	0	1	0.5
zep_freq_work_car Daily or almost daily	0	1	0.5
zep_freq_priv_bike Less than monthly	0	1	0.5
zep_freq_priv_bike 1 to 3 days per month	0	1	0.5
zep_freq_priv_bike 1 to 3 days per week	0	1	0.5
zep_freq_priv_bike Daily or almost daily	0	1	0.5
use_opnv Less than monthly	0	1	0.5
use_opnv 1 to 3 days per month	0	1	0.5
use_opnv Daily or almost daily	0	1	0.5
future_opnv Maybe	0	1	0.5

zep_freq_work_foot <i>Less than monthly</i>	0	1	0.5
zep_freq_work_foot <i>1 to 3 days per month</i>	0	1	0.5
zep_freq_work_foot <i>1 to 3 days per week</i>	0	1	0.5
zep_freq_work_foot <i>Daily or almost daily</i>	0	1	0.5
filter_km_studyarea <i>5 to 10 km</i>	0	1	0.5
filter_km_studyarea <i>11 to 20 km</i>	0	1	0.5
filter_km_studyarea <i>21 to 30 km</i>	0	1	0.5
filter_km_studyarea <i>31 to 40 km</i>	0	1	0.5
filter_km_studyarea <i>41 to 50 km</i>	0	1	0.5
filter_km_studyarea <i>51 to 60 km</i>	0	1	0.5
filter_km_studyarea <i>more than 60 km</i>	0	1	0.5
air_transportation <i>Yes</i>	0	1	0.5
zep_freq_priv_foot <i>1 to 3 days per week</i>	0	1	0.5
zep_freq_priv_foot <i>Daily or almost daily</i>	0	1	0.5
zep_freq_work_bike <i>Less than monthly</i>	0	1	0.5
zep_freq_work_bike <i>1 to 3 days per month</i>	0	1	0.5
zep_freq_priv_opnv <i>Less than monthly</i>	0	1	0.5
zep_freq_priv_opnv <i>1 to 3 days per month</i>	0	1	0.5
zep_freq_priv_opnv <i>1 to 3 days per week</i>	0	1	0.5
zep_freq_priv_opnv <i>Daily or almost daily</i>	0	1	0.5
future_foot <i>Maybe</i>	0	1	0.5
budget_env <i>Very low priority</i>	0	1	0.5
budget_env <i>Low priority</i>	0	1	0.5
budget_env <i>High priority</i>	0	1	0.5
access_opnv <i>To some extent</i>	0	1	0.5
access_opnv <i>I don't know</i>	0	1	0.5
aq_concern 2	0	1	0.5
aq_concern 3	0	1	0.5
aq_concern 5	0	1	0.5
aq_concern <i>I don't know</i>	0	1	0.5
qualification <i>Realschule</i>	0	1	0.5
qualification <i>Gymnasium</i>	0	1	0.5
qualification <i>Berufsausbildung</i>	0	1	0.5
qualification <i>Bachelor's degree</i>	0	1	0.5
qualification <i>Other</i>	0	1	0.5
zep_freq_work_opnv <i>Less than monthly</i>	0	1	0.5
zep_freq_work_opnv <i>1 to 3 days per month</i>	0	1	0.5
zep_freq_work_opnv <i>1 to 3 days per week</i>	0	1	0.5
zep_freq_work_opnv <i>Daily or almost daily</i>	0	1	0.5
access_foot <i>To some extent</i>	0	1	0.5
access_foot <i>Good</i>	0	1	0.5
access_foot <i>I don't know</i>	0	1	0.5
zep_freq_work_foot <i>Less than monthly</i>	0	1	0.5
zep_freq_work_foot <i>1 to 3 days per month</i>	0	1	0.5
zep_freq_work_foot <i>1 to 3 days per week</i>	0	1	0.5
zep_freq_work_foot <i>Daily or almost daily</i>	0	1	0.5
person_house 2	0	1	0.5
person_house 3	0	1	0.5
person_house 5	0	1	0.5
kids_house 1	0	1	0.5
kids_house 2	0	1	0.5
kids_house 3	0	1	0.5
