

Variable Name	Type	Levels	Description	Units
IndoorPM25 ¹	Continuous		7-day averaged PM _{2.5} concentration measured inside participants' homes	micrograms/m ³
Out_PM25	Continuous		7-day averaged PM _{2.5} concentration measured outdoors at government monitoring site #4 (time corresponds to indoor PM _{2.5} measurement)	micrograms/m ³
WindS	Continuous		Wind stagnation index; number of hours in the 7-day measurement period that the wind speed was below the 2-year median at both government monitoring sites	hours
T4	Continuous		7-day averaged temperature measured outdoors at government monitoring site #4 (time corresponds to indoor PM _{2.5} measurement)	°C
SO2 ²	Continuous		Wintertime average SO ₂ concentration	parts per billion
b5000 ³	Continuous		Average land cover brightness in a circular buffer (5000 m radius) around the participant's home	unitless
wet5000 ³	Continuous		Average land cover wetness in a circular buffer (5000 m radius) around the participant's home	unitless
Green100 ³	Continuous		Average land cover greenness in a circular buffer (100 m radius) around the participant's home	unitless
ger750 ³	Continuous		Number of gers in a circular buffer (750 m radius) around the participant's home	gers/hectare
ger5000 ³	Continuous		Number of gers in a circular buffer (5000 m radius) around the participant's home	gers/hectare
road100 ³	Continuous		Length of roads in a circular buffer (100 m radius) around the participant's home	km/hectare
road500 ³	Continuous		Length of roads in a circular buffer (500 m radius) around the participant's home	km/hectare
road2500 ³	Continuous		Length of roads in a circular buffer (2500 m radius) around the participant's home	km/hectare
Elevation ³	Continuous		Elevation at the participant's home	m
Season	Categorical	spring / summer / fall / winter	Season in which the indoor PM _{2.5} measurement was made.	-----

Variable Name	Type	Levels	Description	Units
Filters_deployed	Continuous	0, 1, or 2	Number of HEPA filter air cleaners deployed in the participant's home as part of the UGAAR study.	filters
Intervention	Binary	control / filter	Participant's intervention status in the UGAAR study.	-----
Meals_Cooked	Continuous		Number of meals cooked inside the home in a typical week (self-reported)	meals
Fried_Meals	Continuous		Number of meals cooked by frying inside the home in a typical week (self-reported)	meals
Smokers_at_Home	Continuous		Number of smokers living in the home (self-reported).	smokers
Live_with_smokers	Dichotomous	Yes / No	Participant lived with a smoker	-----

For more information, see:

¹Barn et al., *Science of the Total Environment*, 2018, 615, 1379-1389.

²Allen et al., *Air Quality Atmosphere and Health*, 2013, 6, 137-150.

³Yuchi et al., *Canadian Geographer*, 2016, 60, 333-345.