Tests

Read in data

Make a table

See ?@tbl-table1 for details.

Now try for the kable version:

Another DiD table

See ?@tbl-table3 for more.

See ?@fig-cbhp-map.

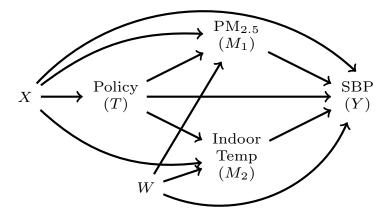


Figure 1: ?(caption)

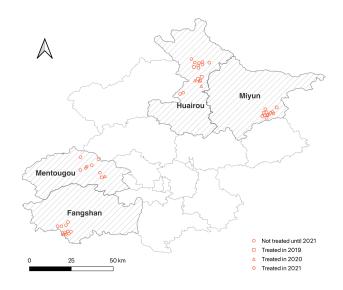


Figure 2: ?(caption)

The source profiles for the four-factor solution are presented in Figure X. The first source was identified as dust by high percentages of crustal elements like wi-Ca, Si, and wi-Mg. The second source was constituted of non-sulfate sulfur as well as secondary inorganic ions (ammonium, nitrate, and sulfate). Non-sulfate sulfur is a tracer for primary coal combustion, while secondary inorganic ions indicate a secondary source. Since coal combustion is a major source of energy in our study area, it is likely that the second source is a mixture of primary and secondary emissions that originate from coal and other sulfurous fuel combustion.

Additionally, in Figure 3 for details. the mean source contribution of the second source is higher in outdoor than personal exposure measurements. Secondary formation occurs outdoors in the presence of sunlight, so higher outdoor concencompared trations personal exposure further support our naming the second source and sulfur secondary. The third source had high percentages of ws-Ca nd Al, which in our study region, has been found to be indicative of transported

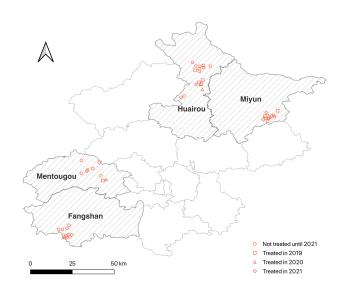


Figure 3: Google scholar metrics

dust from dust storms that can occur in the spring. While our samples were collected during winter months only, it is possible that transported dust from previous years still remained. The fourth source was characterized by high percentages of tracers for both coal (OC, wi-K, chloride, Pb) and biomass combustion (EC, ws-K). Coal and biomass combustion is common in our study setting so this source is likely a mixture of the two combustion sources.

Another example

- i Use `spec()` to retrieve the full column specification for this data.
- i Specify the column types or set `show_col_types = FALSE` to quiet this message.

	Personal: PM2.5 Personal:			
Average ATT				
ATT(AII, AII)	1.95 [-23.34, 27.23]	-0.43 [-1.67, 0.81]		
Cohort-Time ATTs				
ATT(2019, 2019)	-0.05 [-28.97, 28.87]	-0.69 [-1.84, 0.45]		
ATT(2019, 2021)	-4.31 [-41.92, 33.30]	-0.25 [-2.11, 1.62]		
ATT(2020, 2021)	23.61 [-19.88, 67.11]	-0.27 [-2.04, 1.50]		
ATT(2021, 2021)	-19.06 [-43.19, 5.07]	-0.56 [-2.46, 1.34]		

First note.

			PM2.5 ^a	Black carbon ^b		
Cohort	Time	ATT (95%CI)		ATT	(95%CI)	
Average A	TT					
All	All	1.95	(-23.34, 27.23)	-0.43	(-1.67, 0.81)	
Cohort-Ti	me ATTs					
2019	2019	-0.05	(-28.97, 28.87)	-0.69	(-1.84, 0.45)	
2019	2021	-4.31	(-41.92, 33.3)	-0.25	(-2.11, 1.62)	
2020	2021	23.61	(-19.88, 67.11)	-0.27	(-2.04, 1.5)	
2021	2021	-19.06	(-43.19, 5.07)	-0.56	(-2.46, 1.34)	

^a Joint test that all ATTs are equal: F(3, 1271) = 0.431, p = 0.731 ^b Joint test that all ATTs are equal: F(3, 1253) = 0.613, p = 0.607

				Season 1		Season 2		Season 3		Season 4	
				Est.	CI	Est.	CI	Est.	CI	Est.	CI
Personal											
Filter- 24h derived	0.41	PM2.5	Mean	117	[105, 129]	97	[87, 107]			84	[72, 97]
	24n		GM	72	[65, 80]	59	[53, 65]			47	[42, 52]
		ВС	Mean	4	[3.5, 4.4]	3.5	[2.7, 4.2]			3.7	[2.9, 4.5]
			GM	2.6	[2.4, 2.8]	1.9	[1.7, 2.1]			1.7	[1.5, 1.9]
Indoor											
Sensor-	Seasonal	Seasonal PM2.5	Mean			94	[84, 104]	84	[75, 94]	67	[60, 75]
derived			GM			71	[65, 78]	63	[57, 70]	47	[42, 52]
Filter- 24h derived		24h	Mean			69	[59, 79]			59	[49, 69]
	24h		GM			45	[39, 53]			33	[27, 40]
		BC	Mean			2.3	[1.8, 2.8]			2.8	[2.1, 3.4]
			GM			1.6	[1.3, 2.0]			1.6	[1.3, 1.9
Outdoor											
Sensor-			Mean	47	[45, 48]	55	[54, 56]	23	[22, 23]	33	[32, 34]
	Seasonal	PM2.5	GM	36	[35, 37]	40	[39, 41]	33	[32, 34]	22	[22, 23]
Filter- derived	Sousonar		Mean	38	[34, 42]	38	[34, 41]			26	[24, 28]
			GM	33	[29, 36]	30	[28, 32]			22	[21, 24]
		ВС	Mean	1.5	[1.3, 1.6]	1.4	[1.3, 1.5]			1.2	[1.1, 1.2]
			GM	1.3	[1.1, 1.4]	1.1	[1.0, 1.2]			1	[0.9, 1.1]

Note: Est. = Estimate, CI = 95% CI