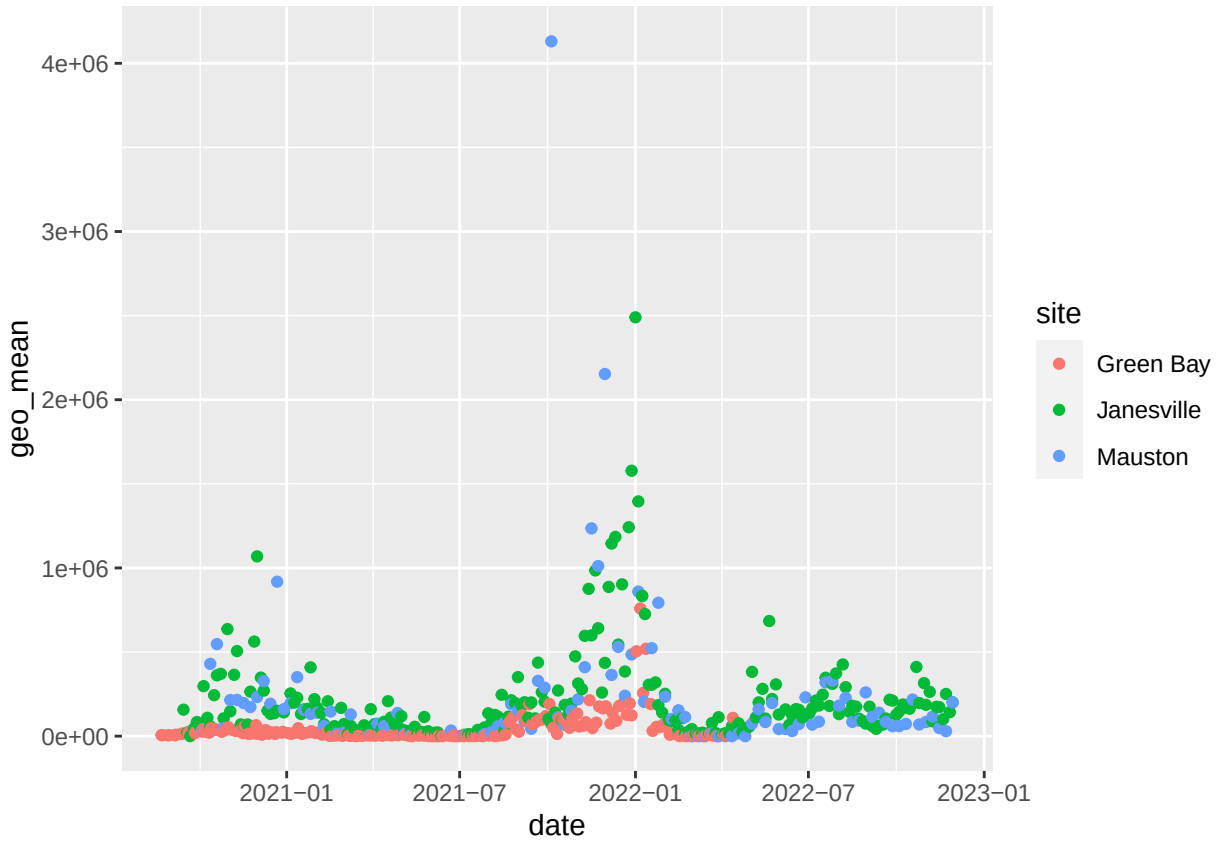
Example Data Vignette

#Example data This data is only meant to be used in vignettes or testing. To view the full data use: data(WasteWater_data, package = "Covid19Wastewater")

This data comes from our wastewater and case data merged together by site and date. Then filtered with by 3 sites; Green Bay, Janesville, and Mauston. Then a new column is added; geo_mean which is the geometric mean of N1 and N2. This gives roughly 500 rows to work with for examples across different sized sites over a large time frame.

This columns are all the same as the wastewater data. https://github.com/UW-Madison-DSI/Covid19Wastewater/blob/main/docs/data/data_columns_discription.md

date	site	tests	prob_case	case_prob	death_prob	sample	N1_id	N2	PMMoV	ph	pcr_type	n1_sars	n2_sars	n1_cov2	n2_cov2	n1_log	n2_log	geo_mean
2020-08-23	Green Bay	365	0	2	0	0	260	7449.4	6464.0	NA	18.36	736	droplet digital PCR	FALSE	FALSE	22367.8	44937.2	46700.5	766.716
2020-08-24	Green Bay	142	0	18	0	0	261	7891.4	2732.8	NA	22.00	741	droplet digital PCR	FALSE	FALSE	23717.2	89139.4	57610.6	111.258
2020-08-30	Green Bay	290	0	0	0	0	276	5023.4	2586.4	NA	19.90	733	droplet digital PCR	FALSE	FALSE	23377.6	79238.9	57201.5	2799.834
2020-08-31	Green Bay	194	2	37	0	0	277	8743.4	2524.0	NA	22.66	734	droplet digital PCR	FALSE	FALSE	23257.6	76430.8	49866.4	289.216
2020-09-06	Green Bay	187	0	13	0	0	284	8409.2	6736.0	NA	16.49	761	droplet digital PCR	FALSE	FALSE	20686.8	89736.4	68208.4	796.735
2020-09-07	Green Bay	318	0	0	0	0	285	12072.1	6146.4	NA	17.66	705	droplet digital PCR	FALSE	FALSE	21287.8	108935.4	76238.4	8613.904


4e+06
3e+06
2e+06
1e+06
0e+00
geo_mean
2021−01
2021−07
2022−01
2022−07
2023−01
date
site
Green Bay
Janesville
Mauston