Example Data Vignette

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

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/AFIDSI/DSIWastewater/blob/main/docs/data/data__disc.md

date	site	tests	prob_case	conf_case	prob_death	conf_death	sample_id	N1	N2	PMMoV	flow	ph	pcr_type	n1_sars	n2_cov2	n1_lod	n2_lod	n1_lod2	n1_lod2	n1_lod2	geo_mean
2020-08-23	Green Bay	365	0	2	0	0	260	7449.4	6464	NA	18.3	6736	droplet digital PCR	FALSE	FALSE	22367	84493	72467	0058	766.716
2020-08-24	Green Bay	142	0	18	0	0	261	7891.4	7328	NA	22.0	0741	droplet digital PCR	FALSE	FALSE	23717	89139	24576	1040	1111.258
2020-08-30	Green Bay	290	0	0	0	0	276	5023.4	2586	NA	19.9	0733	droplet digital PCR	FALSE	FALSE	23377	67923	89570	0154	799.834
2020-08-31	Green Bay	194	2	37	0	0	277	8743.4	2524	NA	22.6	6734	droplet digital PCR	FALSE	FALSE	23257	76438	78609	8662	289.216
2020-09-06	Green Bay	187	0	13	0	0	284	8409.2	8736	NA	16.4	9761	droplet digital PCR	FALSE	FALSE	20686	89736	14860	2084	796.735
2020-09-07	Green Bay	318	0	0	0	0	285	12078.0	1046	NA	17.6	6705	droplet digital PCR	FALSE	FALSE	21287	80893	54760	28480	613.904