

S1 Table. Gridded Geospatial Datasets. The table provides an overview of the gridded geospatial datasets tested in the population count model. The **Name** column provides the dataset name, **Description** a succinct description, **Year** indicates the reference year, **Summary** outlines the type of processing applied, and **Source** identifies the dataset origin. All datasets have been processed by WorldPop at the University of Southampton.

Name	Year	Description	Summary	Source
cod_bld_count_202406 17_unpublished	2024	Building Count	Sum	Center for Integrated Earth System Information (CIESIN)
cod_bld_count_202406 17_unpublished_cov3x3_tif_masked_tif_lzw	2024	Building Count	Focal Sum (3x3)	Center for Integrated Earth System Information (CIESIN)
cod_bld_count_202406 17_unpublished_cov5x5_tif_masked_tif_lzw	2024	Building Count	Focal Sum (5x5)	Center for Integrated Earth System Information (CIESIN)
cod_bld_count_202406 17_unpublished_cov7x7_tif_masked_tif_lzw	2024	Building Count	Focal Sum (7x7)	Center for Integrated Earth System Information (CIESIN)
cod_bld_count_202406 17_unpublished_cov9x9_tif_masked_tif_lzw	2024	Building Count	Focal Sum (9x9)	Center for Integrated Earth System Information (CIESIN)
cod_bld_farea_202406 17_unpublished	2024	Building Area	Sum	Center for Integrated Earth System Information (CIESIN)
cod_buildings_count_bcb_gl_100m_v1_1	2024	Building Count	Sum	Google
cod_buildings_count_bcb_ms_100m_v1_1	2024	Building Count	Sum	Microsoft
cod_buildings_count_pib_gl_100m_v1_1	2024	Building Count	Sum	Google
cod_buildings_count_pib_ms_100m_v1_1	2024	Building Count	Sum	Microsoft
cod_buildings_cv_are_a_bcb_gl_100m_v1_1	2024	Building Area	Sum	Google
cod_buildings_cv_are_a_bcb_ms_100m_v1_1	2024	Building Area	Sum	Microsoft
cod_buildings_cv_are_a_pib_gl_100m_v1_1	2024	Building Area	Sum	Google
cod_buildings_cv_are_a_pib_ms_100m_v1_1	2024	Building Area	Sum	Microsoft
cod_buildings_cv_len_gth_bcb_gl_100m_v1_1	2024	Building Perimeter	Sum	Google
cod_buildings_cv_len_gth_bcb_ms_100m_v1_1	2024	Building Perimeter	Sum	Microsoft
cod_buildings_cv_len_gth_pib_gl_100m_v1_1	2024	Building Perimeter	Sum	Google
cod_buildings_cv_len_gth_pib_ms_100m_v1_1	2024	Building Perimeter	Sum	Microsoft
cod_buildings_densit_y_bcb_gl_100m_v1_1	2024	Building Density	Sum	Google
cod_buildings_densit_y_bcb_ms_100m_v1_1	2024	Building Density	Sum	Microsoft
cod_buildings_densit_y_pib_gl_100m_v1_1	2024	Building Density	Sum	Google
cod_buildings_densit_y_pib_ms_100m_v1_1	2024	Building Density	Sum	Microsoft
cod_buildings_mean_a rea_bcb_gl_100m_v1_1	2024	Building Area	Mean	Google
cod_buildings_mean_a rea_bcb_ms_100m_v1_1	2024	Building Area	Mean	Microsoft
cod_buildings_mean_a rea_pib_gl_100m_v1_1	2024	Building Area	Mean	Google
cod_buildings_mean_a rea_pib_ms_100m_v1_1	2024	Building Area	Mean	Microsoft
cod_buildings_mean_l ength_bcb_gl_100m_v1_1	2024	Building Perimeter	Mean	Google
cod_buildings_mean_l ength_bcb_ms_100m_v1_1	2024	Building Perimeter	Mean	Microsoft
cod_buildings_mean_l ength_pib_gl_100m_v1_1	2024	Building Perimeter	Mean	Google
cod_buildings_mean_l ength_pib_ms_100m_v1_1	2024	Building Perimeter	Mean	Microsoft
cod_buildings_total_ area_bcb_gl_100m_v1_1	2024	Building Area	Sum	Google
cod_buildings_total_ area_bcb_ms_100m_v1_1	2024	Building Area	Sum	Microsoft
cod_buildings_total_ area_pib_gl_100m_v1_1	2024	Building Area	Sum	Google
cod_buildings_total_ area_pib_ms_100m_v1_1	2024	Building Area	Sum	Microsoft

cod_buildings_total_length_bcb_gl_100m_v1_1	2024	Building Perimeter	Sum	Google
cod_buildings_total_length_bcb_ms_100m_v1_1	2024	Building Perimeter	Sum	Microsoft
cod_buildings_total_length_pib_gl_100m_v1_1	2024	Building Perimeter	Sum	Google
cod_buildings_total_length_pib_ms_100m_v1_1	2024	Building Perimeter	Sum	Microsoft
cod_built_binary_100 m_v1_2015	2015	Building Count	Presence/ Absence	European Commission Joint Research Centre (JRC)
cod_built_binary_100 m_v1_2020	2020	Building Count	Presence/ Absence	European Commission Joint Research Centre (JRC)
cod_built_binary_100 m_v1_2025	2025	Building Count	Presence/ Absence	European Commission Joint Research Centre (JRC)
cod_built_binary_100 m_v1_2030	2030	Building Count	Presence/ Absence	European Commission Joint Research Centre (JRC)
cod_built_binary_ghs_wfgw_100m_v1_2015	2015	Building Count	Presence/ Absence	European Commission Joint Research Centre (JRC)
cod_built_binary_ghs_wfgw_100m_v1_2020	2020	Building Count	Presence/ Absence	European Commission Joint Research Centre (JRC)
cod_built_binary_ghs_wfgw_100m_v1_2025	2025	Building Count	Presence/ Absence	European Commission Joint Research Centre (JRC)
cod_built_binary_ghs_wfgw_100m_v1_2030	2030	Building Count	Presence/ Absence	European Commission Joint Research Centre (JRC)
cod_built_s_100m_v1_2015	2015	Building Area	Sum	European Commission Joint Research Centre (JRC)
cod_built_s_100m_v1_2020	2020	Building Area	Sum	European Commission Joint Research Centre (JRC)
cod_built_s_100m_v1_2025	2025	Building Area	Sum	European Commission Joint Research Centre (JRC)
cod_built_s_100m_v1_2030	2030	Building Area	Sum	European Commission Joint Research Centre (JRC)
cod_built_s_ghs_wfgw_100m_v1_2015	2015	Building Area	Sum	European Commission Joint Research Centre (JRC)
cod_built_s_ghs_wfgw_100m_v1_2020	2020	Building Area	Sum	European Commission Joint Research Centre (JRC)
cod_built_s_ghs_wfgw_100m_v1_2025	2025	Building Area	Sum	European Commission Joint Research Centre (JRC)
cod_built_s_ghs_wfgw_100m_v1_2030	2030	Building Area	Sum	European Commission Joint Research Centre (JRC)
cod_built_s_nres_ghs_wosm_100m_v1_2015	2015	Building Area	Sum	European Commission Joint Research Centre (JRC)
cod_built_s_nres_ghs_wosm_100m_v1_2016	2016	Building Area	Sum	European Commission Joint Research Centre (JRC)
cod_built_s_nres_ghs_wosm_100m_v1_2017	2017	Building Area	Sum	European Commission Joint Research Centre (JRC)
cod_built_s_nres_ghs_wosm_100m_v1_2018	2018	Building Area	Sum	European Commission Joint Research Centre (JRC)
cod_built_s_nres_ghs_wosm_100m_v1_2019	2019	Building Area	Sum	European Commission Joint Research Centre (JRC)
cod_built_s_nres_ghs_wosm_100m_v1_2020	2020	Building Area	Sum	European Commission Joint Research Centre (JRC)
cod_built_s_nres_ghs_wosm_100m_v1_2021	2021	Building Area	Sum	European Commission Joint Research Centre (JRC)
cod_built_s_nres_ghs_wosm_100m_v1_2022	2022	Building Area	Sum	European Commission Joint Research Centre (JRC)

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cod_built_v_nres_ghs_wosm_100m_v1_2027	2027	Building Volume	Sum	European Commission Joint Research Centre (JRC)
cod_built_v_nres_ghs_wosm_100m_v1_2028	2028	Building Volume	Sum	European Commission Joint Research Centre (JRC)
cod_built_v_nres_ghs_wosm_100m_v1_2029	2029	Building Volume	Sum	European Commission Joint Research Centre (JRC)
cod_built_v_nres_ghs_wosm_100m_v1_2030	2030	Building Volume	Sum	European Commission Joint Research Centre (JRC)
cod_c3s_lc_l4_lccs_2 020_11_100m_dist	2020	Cropland, Natural Vegetation Distance	Euclidean Distance	European Space Agency (ESA)
cod_c3s_lc_l4_lccs_2 020_130_100m_dist	2020	Shrubland Distance	Euclidean Distance	European Space Agency (ESA)
cod_c3s_lc_l4_lccs_2 020_140_100m_dist	2020	Herbaceous Cover, Grassland, Mosses Distance	Euclidean Distance	European Space Agency (ESA)
cod_c3s_lc_l4_lccs_2 020_150_100m_dist	2020	Sparse Vegetation Distance	Euclidean Distance	European Space Agency (ESA)
cod_c3s_lc_l4_lccs_2 020_160_100m_dist	2020	Herbaceous Cover, Flooded, Fresh/Saline/Brackish Water Distance	Euclidean Distance	European Space Agency (ESA)
cod_c3s_lc_l4_lccs_2 020_190_100m_dist	2020	Urban Areas Distance	Euclidean Distance	European Space Agency (ESA)
cod_c3s_lc_l4_lccs_2 020_200_100m_dist	2020	Bare Areas Distance	Euclidean Distance	European Space Agency (ESA)
cod_c3s_lc_l4_lccs_2 020_210_100m_dist	2020	Water Bodies, Permanent Snow Distance	Euclidean Distance	European Space Agency (ESA)
cod_c3s_lc_l4_lccs_2 020_40_100m_dist	2020	Tree Cover Distance	Euclidean Distance	European Space Agency (ESA)
cod_coastline_dst_10 0m_v1	2021	Coastline Distance	Euclidean Distance	European Space Agency (ESA)
cod_dist_inland_wate_r_100m_esa_2021_v1	2021	Inland Water Distance	Euclidean Distance	European Space Agency (ESA)
cod_elevation_merit1 03_100m_v1	2000	Elevation	Mean	European Space Agency (ESA)
cod_esalc_11_dst_201 5_100m_v1	2015	Cropland, Natural Vegetation Distance	Euclidean Distance	European Space Agency (ESA)
cod_esalc_11_dst_201 6_100m_v1	2016	Cropland, Natural Vegetation Distance	Euclidean Distance	European Space Agency (ESA)
cod_esalc_11_dst_201 7_100m_v1	2017	Cropland, Natural Vegetation Distance	Euclidean Distance	European Space Agency (ESA)
cod_esalc_11_dst_201 8_100m_v1	2018	Cropland, Natural Vegetation Distance	Euclidean Distance	European Space Agency (ESA)
cod_esalc_11_dst_201 9_100m_v1	2019	Cropland, Natural Vegetation Distance	Euclidean Distance	European Space Agency (ESA)
cod_esalc_11_dst_202 0_100m_v1	2020	Cropland, Natural Vegetation Distance	Euclidean Distance	European Space Agency (ESA)
cod_esalc_11_dst_202 1_100m_v1	2021	Cropland, Natural Vegetation Distance	Euclidean Distance	European Space Agency (ESA)
cod_esalc_11_dst_202 2_100m_v1	2022	Cropland, Natural Vegetation Distance	Euclidean Distance	European Space Agency (ESA)
cod_esalc_130_dst_20 15_100m_v1	2015	Shrubland Distance	Euclidean Distance	European Space Agency (ESA)
cod_esalc_130_dst_20 16_100m_v1	2016	Shrubland Distance	Euclidean Distance	European Space Agency (ESA)

cod_esalc_130_dst_20 17_100m_v1	2017	Shrubland Distance	Euclidean Distance	European Space Agency (ESA)
cod_esalc_130_dst_20 18_100m_v1	2018	Shrubland Distance	Euclidean Distance	European Space Agency (ESA)
cod_esalc_130_dst_20 19_100m_v1	2019	Shrubland Distance	Euclidean Distance	European Space Agency (ESA)
cod_esalc_130_dst_20 20_100m_v1	2020	Shrubland Distance	Euclidean Distance	European Space Agency (ESA)
cod_esalc_130_dst_20 21_100m_v1	2021	Shrubland Distance	Euclidean Distance	European Space Agency (ESA)
cod_esalc_130_dst_20 22_100m_v1	2022	Shrubland Distance	Euclidean Distance	European Space Agency (ESA)
cod_esalc_140_dst_20 15_100m_v1	2015	Herbaceous Cover, Grassland, Mosses Distance	Euclidean Distance	European Space Agency (ESA)
cod_esalc_140_dst_20 16_100m_v1	2016	Herbaceous Cover, Grassland, Mosses Distance	Euclidean Distance	European Space Agency (ESA)
cod_esalc_140_dst_20 17_100m_v1	2017	Herbaceous Cover, Grassland, Mosses Distance	Euclidean Distance	European Space Agency (ESA)
cod_esalc_140_dst_20 18_100m_v1	2018	Herbaceous Cover, Grassland, Mosses Distance	Euclidean Distance	European Space Agency (ESA)
cod_esalc_140_dst_20 19_100m_v1	2019	Herbaceous Cover, Grassland, Mosses Distance	Euclidean Distance	European Space Agency (ESA)
cod_esalc_140_dst_20 20_100m_v1	2020	Herbaceous Cover, Grassland, Mosses Distance	Euclidean Distance	European Space Agency (ESA)
cod_esalc_140_dst_20 21_100m_v1	2021	Herbaceous Cover, Grassland, Mosses Distance	Euclidean Distance	European Space Agency (ESA)
cod_esalc_140_dst_20 22_100m_v1	2022	Herbaceous Cover, Grassland, Mosses Distance	Euclidean Distance	European Space Agency (ESA)
cod_esalc_150_dst_20 15_100m_v1	2015	Sparse Vegetation Distance	Euclidean Distance	European Space Agency (ESA)
cod_esalc_150_dst_20 16_100m_v1	2016	Sparse Vegetation Distance	Euclidean Distance	European Space Agency (ESA)
cod_esalc_150_dst_20 17_100m_v1	2017	Sparse Vegetation Distance	Euclidean Distance	European Space Agency (ESA)
cod_esalc_150_dst_20 18_100m_v1	2018	Sparse Vegetation Distance	Euclidean Distance	European Space Agency (ESA)
cod_esalc_150_dst_20 19_100m_v1	2019	Sparse Vegetation Distance	Euclidean Distance	European Space Agency (ESA)
cod_esalc_150_dst_20 20_100m_v1	2020	Sparse Vegetation Distance	Euclidean Distance	European Space Agency (ESA)
cod_esalc_150_dst_20 21_100m_v1	2021	Sparse Vegetation Distance	Euclidean Distance	European Space Agency (ESA)
cod_esalc_150_dst_20 22_100m_v1	2022	Sparse Vegetation Distance	Euclidean Distance	European Space Agency (ESA)
cod_esalc_160_dst_20 15_100m_v1	2015	Herbaceous Cover, Flooded, Fresh/Saline/Brackish Water Distance	Euclidean Distance	European Space Agency (ESA)

cod_esalc_160_dst_20 16_100m_v1	2016	Herbaceous Cover, Flooded, Fresh/Saline/Brackish Water Distance	Euclidean Distance	European Space Agency (ESA)
cod_esalc_160_dst_20 17_100m_v1	2017	Herbaceous Cover, Flooded, Fresh/Saline/Brackish Water Distance	Euclidean Distance	European Space Agency (ESA)
cod_esalc_160_dst_20 18_100m_v1	2018	Herbaceous Cover, Flooded, Fresh/Saline/Brackish Water Distance	Euclidean Distance	European Space Agency (ESA)
cod_esalc_160_dst_20 19_100m_v1	2019	Herbaceous Cover, Flooded, Fresh/Saline/Brackish Water Distance	Euclidean Distance	European Space Agency (ESA)
cod_esalc_160_dst_20 20_100m_v1	2020	Herbaceous Cover, Flooded, Fresh/Saline/Brackish Water Distance	Euclidean Distance	European Space Agency (ESA)
cod_esalc_160_dst_20 21_100m_v1	2021	Herbaceous Cover, Flooded, Fresh/Saline/Brackish Water Distance	Euclidean Distance	European Space Agency (ESA)
cod_esalc_160_dst_20 22_100m_v1	2022	Herbaceous Cover, Flooded, Fresh/Saline/Brackish Water Distance	Euclidean Distance	European Space Agency (ESA)
cod_esalc_190_dst_20 15_100m_v1	2015	Urban Areas Distance	Euclidean Distance	European Space Agency (ESA)
cod_esalc_190_dst_20 16_100m_v1	2016	Urban Areas Distance	Euclidean Distance	European Space Agency (ESA)
cod_esalc_190_dst_20 17_100m_v1	2017	Urban Areas Distance	Euclidean Distance	European Space Agency (ESA)
cod_esalc_190_dst_20 18_100m_v1	2018	Urban Areas Distance	Euclidean Distance	European Space Agency (ESA)
cod_esalc_190_dst_20 19_100m_v1	2019	Urban Areas Distance	Euclidean Distance	European Space Agency (ESA)
cod_esalc_190_dst_20 20_100m_v1	2020	Urban Areas Distance	Euclidean Distance	European Space Agency (ESA)
cod_esalc_190_dst_20 21_100m_v1	2021	Urban Areas Distance	Euclidean Distance	European Space Agency (ESA)
cod_esalc_190_dst_20 22_100m_v1	2022	Urban Areas Distance	Euclidean Distance	European Space Agency (ESA)
cod_esalc_200_dst_20 15_100m_v1	2015	Bare Areas Distance	Euclidean Distance	European Space Agency (ESA)
cod_esalc_200_dst_20 16_100m_v1	2016	Bare Areas Distance	Euclidean Distance	European Space Agency (ESA)
cod_esalc_200_dst_20 17_100m_v1	2017	Bare Areas Distance	Euclidean Distance	European Space Agency (ESA)
cod_esalc_200_dst_20 18_100m_v1	2018	Bare Areas Distance	Euclidean Distance	European Space Agency (ESA)
cod_esalc_200_dst_20 19_100m_v1	2019	Bare Areas Distance	Euclidean Distance	European Space Agency (ESA)
cod_esalc_200_dst_20 20_100m_v1	2020	Bare Areas Distance	Euclidean Distance	European Space Agency (ESA)
cod_esalc_200_dst_20 21_100m_v1	2021	Bare Areas Distance	Euclidean Distance	European Space Agency (ESA)

cod_esalc_200_dst_20 22_100m_v1	2022	Bare Areas Distance	Euclidean Distance	European Space Agency (ESA)
cod_esalc_210_dst_20 15_100m_v1	2015	Water Bodies, Permanent Snow Distance	Euclidean Distance	European Space Agency (ESA)
cod_esalc_210_dst_20 16_100m_v1	2016	Water Bodies, Permanent Snow Distance	Euclidean Distance	European Space Agency (ESA)
cod_esalc_210_dst_20 17_100m_v1	2017	Water Bodies, Permanent Snow Distance	Euclidean Distance	European Space Agency (ESA)
cod_esalc_210_dst_20 18_100m_v1	2018	Water Bodies, Permanent Snow Distance	Euclidean Distance	European Space Agency (ESA)
cod_esalc_210_dst_20 19_100m_v1	2019	Water Bodies, Permanent Snow Distance	Euclidean Distance	European Space Agency (ESA)
cod_esalc_210_dst_20 20_100m_v1	2020	Water Bodies, Permanent Snow Distance	Euclidean Distance	European Space Agency (ESA)
cod_esalc_210_dst_20 21_100m_v1	2021	Water Bodies, Permanent Snow Distance	Euclidean Distance	European Space Agency (ESA)
cod_esalc_210_dst_20 22_100m_v1	2022	Water Bodies, Permanent Snow Distance	Euclidean Distance	European Space Agency (ESA)
cod_esalc_40_dst_201 5_100m_v1	2015	Tree Cover Distance	Euclidean Distance	European Space Agency (ESA)
cod_esalc_40_dst_201 6_100m_v1	2016	Tree Cover Distance	Euclidean Distance	European Space Agency (ESA)
cod_esalc_40_dst_201 7_100m_v1	2017	Tree Cover Distance	Euclidean Distance	European Space Agency (ESA)
cod_esalc_40_dst_201 8_100m_v1	2018	Tree Cover Distance	Euclidean Distance	European Space Agency (ESA)
cod_esalc_40_dst_201 9_100m_v1	2019	Tree Cover Distance	Euclidean Distance	European Space Agency (ESA)
cod_esalc_40_dst_202 0_100m_v1	2020	Tree Cover Distance	Euclidean Distance	European Space Agency (ESA)
cod_esalc_40_dst_202 1_100m_v1	2021	Tree Cover Distance	Euclidean Distance	European Space Agency (ESA)
cod_esalc_40_dst_202 2_100m_v1	2022	Tree Cover Distance	Euclidean Distance	European Space Agency (ESA)
cod_ghs_built_s_e202 0_globe_r2023a_4326_3ss_v1_0_gl2_wfgw	2020	Building Area	Euclidean Distance	European Commission Joint Research Centre (JRC)
cod_ghs_built_s_nres_e2020_globe_r2023a_4326_3ss_v1_0_gl2	2020	Building Area	Euclidean Distance	European Commission Joint Research Centre (JRC)
cod_ghs_built_v_e202 0_globe_r2023a_4326_3ss_v1_0_gl2_wfgw	2020	Building Volume	Euclidean Distance	European Commission Joint Research Centre (JRC)
cod_ghs_built_v_nres_e2020_globe_r2023a_4326_3ss_v1_0_gl2	2020	Building Volume	Euclidean Distance	European Commission Joint Research Centre (JRC)
cod_ghs_built_v_with outnres_e2020_globe_r2023a_4326_3ss_v1_0_gl2_wfgw	2020	Building Volume	Euclidean Distance	European Commission Joint Research Centre (JRC)
cod_highway_dist_osm_2023_100m_v1	2023	Highway Distance	Euclidean Distance	European Commission Joint Research Centre (JRC)
cod_inland_water_bin_100m_esa_2021_v1	2021	Inland Water Distance	Euclidean Distance	European Space Agency (ESA)

cod_inland_water_pc2 5_bin_100m_es_a_2021_v1	2021	Inland Water Distance	Euclidean Distance	European Space Agency (ESA)
cod_inland_water_pc5 0_bin_100m_es_a_2021_v1	2021	Inland Water Distance	Euclidean Distance	European Space Agency (ESA)
cod_inland_water_pc6 0_bin_100m_es_a_2021_v1	2021	Inland Water Distance	Euclidean Distance	European Space Agency (ESA)
cod_inland_water_pc7 5_bin_100m_es_a_2021_v1	2021	Inland Water Distance	Euclidean Distance	European Space Agency (ESA)
cod_inland_water_pc8 0_bin_100m_es_a_2021_v1	2021	Inland Water Distance	Euclidean Distance	European Space Agency (ESA)
cod_inland_water_pc8 5_bin_100m_es_a_2021_v1	2021	Inland Water Distance	Euclidean Distance	European Space Agency (ESA)
cod_inland_water_pc9 0_bin_100m_es_a_2021_v1	2021	Inland Water Distance	Euclidean Distance	European Space Agency (ESA)
cod_inland_water_pct_100m_v1	2021	Inland Water Distance	Euclidean Distance	European Space Agency (ESA)
cod_ms_roads_binary_100m_v1	2023	Road Intersection	Presence/Absence	Microsoft
cod_ms_roads_count_100m_v1	2023	Road Node Count	Sum	Microsoft
cod_ms_roads_density_100m_v1	2023	Road Density	Sum	Microsoft
cod_ms_roads_dst_100 m_v1	2023	Road Distance	Euclidean Distance	Microsoft
cod_ms_roads_total_length_100m_v1	2023	Roads Length	Sum	Microsoft
cod_ppt_2015_yravg_t c_100m_v1	2015	Precipitation	Mean	TerraClimate
cod_ppt_2016_yravg_t c_100m_v1	2016	Precipitation	Mean	TerraClimate
cod_ppt_2017_yravg_t c_100m_v1	2017	Precipitation	Mean	TerraClimate
cod_ppt_2018_yravg_t c_100m_v1	2018	Precipitation	Mean	TerraClimate
cod_ppt_2019_yravg_t c_100m_v1	2019	Precipitation	Mean	TerraClimate
cod_ppt_2020_yravg_t c_100m_v1	2020	Precipitation	Mean	TerraClimate
cod_ppt_2021_yravg_t c_100m_v1	2021	Precipitation	Mean	TerraClimate
cod_ppt_2022_yravg_t c_100m_v1	2022	Precipitation	Mean	TerraClimate
cod_rd_intrs_dist_osm_2023_100m_v1	2023	Road Intersection Distance	Euclidean Distance	OpenStreetMap
cod_slope_merit103_100m_v1	2000	Terrain Slope	None	European Space Agency (ESA)
cod_tavg_2015_tl st_100m_v1	2015	Land Surface Temperature	Mean	Moderate Resolution Imaging Spectroradiometer (MODIS)
cod_tavg_2016_tl st_100m_v1	2016	Land Surface Temperature	Mean	Moderate Resolution Imaging Spectroradiometer (MODIS)
cod_tavg_2017_tl st_100m_v1	2017	Land Surface Temperature	Mean	Moderate Resolution Imaging Spectroradiometer (MODIS)
cod_tavg_2018_tl st_100m_v1	2018	Land Surface Temperature	Mean	Moderate Resolution Imaging Spectroradiometer (MODIS)
cod_tavg_2019_tl st_100m_v1	2019	Land Surface Temperature	Mean	Moderate Resolution Imaging Spectroradiometer (MODIS)
cod_tavg_2020_tl st_100m_v1	2020	Land Surface Temperature	Mean	Moderate Resolution Imaging Spectroradiometer (MODIS)

cod_tavg_2021_tlst_1 00m_v1	2021	Land Surface Temperature	Mean	Moderate Resolution Imaging Spectroradiometer (MODIS)
cod_tavg_2022_tlst_1 00m_v1	2022	Land Surface Temperature	Mean	Moderate Resolution Imaging Spectroradiometer (MODIS)
cod_viirs_fvf_2015_1 00m_v1	2015	Visible Infrared Imaging Radiometer Suite (FVF)	None	National Aeronautics and Space Administration (NASA)
cod_viirs_fvf_2016_1 00m_v1	2016	Visible Infrared Imaging Radiometer Suite (FVF)	None	National Aeronautics and Space Administration (NASA)
cod_viirs_fvf_2017_1 00m_v1	2017	Visible Infrared Imaging Radiometer Suite (FVF)	None	National Aeronautics and Space Administration (NASA)
cod_viirs_fvf_2018_1 00m_v1	2018	Visible Infrared Imaging Radiometer Suite (FVF)	None	National Aeronautics and Space Administration (NASA)
cod_viirs_fvf_2019_1 00m_v1	2019	Visible Infrared Imaging Radiometer Suite (FVF)	None	National Aeronautics and Space Administration (NASA)
cod_viirs_fvf_2020_1 00m_v1	2020	Visible Infrared Imaging Radiometer Suite (FVF)	None	National Aeronautics and Space Administration (NASA)
cod_viirs_fvf_2021_1 00m_v1	2021	Visible Infrared Imaging Radiometer Suite (FVF)	None	National Aeronautics and Space Administration (NASA)
cod_viirs_fvf_2022_1 00m_v1	2022	Visible Infrared Imaging Radiometer Suite (FVF)	None	National Aeronautics and Space Administration (NASA)
cod_viirs_nvfv_2015_1 00m_v1	2015	Visible Infrared Imaging Radiometer Suite (NVF)	None	National Aeronautics and Space Administration (NASA)
cod_viirs_nvfv_2016_1 00m_v1	2016	Visible Infrared Imaging Radiometer Suite (NVF)	None	National Aeronautics and Space Administration (NASA)
cod_viirs_nvfv_2017_1 00m_v1	2017	Visible Infrared Imaging Radiometer Suite (NVF)	None	National Aeronautics and Space Administration (NASA)
cod_viirs_nvfv_2018_1 00m_v1	2018	Visible Infrared Imaging Radiometer Suite (NVF)	None	National Aeronautics and Space Administration (NASA)
cod_viirs_nvfv_2019_1 00m_v1	2019	Visible Infrared Imaging Radiometer Suite (NVF)	None	National Aeronautics and Space Administration (NASA)
cod_viirs_nvfv_2020_1 00m_v1	2020	Visible Infrared Imaging Radiometer Suite (NVF)	None	National Aeronautics and Space Administration (NASA)
cod_viirs_nvfv_2021_1 00m_v1	2021	Visible Infrared Imaging Radiometer Suite (NVF)	None	National Aeronautics and Space Administration (NASA)
cod_viirs_nvfv_2022_1 00m_v1	2022	Visible Infrared Imaging Radiometer Suite (NVF)	None	National Aeronautics and Space Administration (NASA)
cod_waterbodies_dist_osm_2023_100m_v1	2023	Water Bodies Distance	Euclidean Distance	OpenStreetMap
cod_waterbodies_dist_osm_gl2_v1	2023	Water Bodies Distance	Euclidean Distance	World Database of Protected Areas (WDPA)

cod_wdpa_dist_2022_cat1_100m	2022	Protected Areas Distance (Category 1)	Euclidean Distance	World Database of Protected Areas (WDPA)
cod_wdpa_pre2015_cat0_dist_100m_v1	2015	Protected Areas Distance (Category 0)	Euclidean Distance	World Database of Protected Areas (WDPA)
cod_wdpa_pre2015_cat1_dist_100m_v1	2015	Protected Areas Distance (Category 1)	Euclidean Distance	World Database of Protected Areas (WDPA)
cod_wdpa_pre2016_cat0_dist_100m_v1	2016	Protected Areas Distance (Category 0)	Euclidean Distance	World Database of Protected Areas (WDPA)
cod_wdpa_pre2016_cat1_dist_100m_v1	2016	Protected Areas Distance (Category 1)	Euclidean Distance	World Database of Protected Areas (WDPA)
cod_wdpa_pre2017_cat0_dist_100m_v1	2017	Protected Areas Distance (Category 0)	Euclidean Distance	World Database of Protected Areas (WDPA)
cod_wdpa_pre2017_cat1_dist_100m_v1	2017	Protected Areas Distance (Category 1)	Euclidean Distance	World Database of Protected Areas (WDPA)
cod_wdpa_pre2018_cat0_dist_100m_v1	2018	Protected Areas Distance (Category 0)	Euclidean Distance	World Database of Protected Areas (WDPA)
cod_wdpa_pre2018_cat1_dist_100m_v1	2018	Protected Areas Distance (Category 1)	Euclidean Distance	World Database of Protected Areas (WDPA)
cod_wdpa_pre2019_cat0_dist_100m_v1	2019	Protected Areas Distance (Category 0)	Euclidean Distance	World Database of Protected Areas (WDPA)
cod_wdpa_pre2019_cat1_dist_100m_v1	2019	Protected Areas Distance (Category 1)	Euclidean Distance	World Database of Protected Areas (WDPA)
cod_wdpa_pre2020_cat0_dist_100m_v1	2020	Protected Areas Distance (Category 0)	Euclidean Distance	World Database of Protected Areas (WDPA)
cod_wdpa_pre2020_cat1_dist_100m_v1	2020	Protected Areas Distance (Category 1)	Euclidean Distance	World Database of Protected Areas (WDPA)
cod_wdpa_pre2021_cat0_dist_100m_v1	2021	Protected Areas Distance (Category 0)	Euclidean Distance	World Database of Protected Areas (WDPA)
cod_wdpa_pre2021_cat1_dist_100m_v1	2021	Protected Areas Distance (Category 1)	Euclidean Distance	World Database of Protected Areas (WDPA)
cod_wdpa_pre2022_cat0_dist_100m_v1	2022	Protected Areas Distance (Category 0)	Euclidean Distance	World Database of Protected Areas (WDPA)
cod_wdpa_pre2022_cat1_dist_100m_v1	2022	Protected Areas Distance (Category 1)	Euclidean Distance	World Database of Protected Areas (WDPA)
cod_wsf_evln_2005_2015_v1_binary_0_100m	2005-2015	Settlement Footprint	Presence/Absence	World Settlement Footprint (FSF)
drc_access_to_cities_2015	2015	Access to Cities	Euclidean Distance	Weiss et al. 2018
drc_cop_2mtemp_2022_mean_v3	2022	Temperature	Mean	Terra MODIS LST
drc_cop_2mtemp_2022_sd	2022	Temperature	Standard Deviation	Terra MODIS LST
drc_cop_burntarea_2021_mean_v3	2021	Burnt Area	Mean	Copernicus
drc_cop_burntarea_2021_sd_v3	2021	Burnt Area	Standard Deviation	Copernicus
drc_cop_cloudcover_2021_mean_v3	2021	Cloud Cover	Mean	Copernicus
drc_cop_cloudcover_2021_sd_v3	2021	Cloud Cover	Standard Deviation	Copernicus
drc_cop_drymatterproductivity_2022_mean_v3	2022	Dry Matter Productivity	Mean	Copernicus
drc_cop_drymatterproductivity_2022_sd	2022	Dry Matter Productivity	Standard Deviation	Copernicus
drc_cop_precip_2022_mean_v3	2022	Precipitation	Mean	Copernicus
drc_cop_precip_2022_sd	2022	Precipitation	Standard Deviation	Copernicus

drc_dst_acled_all_conflict_2022_v3	2022	All Conflicts Location Distance	Euclidean Distance	Copernicus
drc_dst_acled_battles_2022_v3	2022	Battles Location Distance	Euclidean Distance	Armed Conflict Location and Event Data (ACLED)
drc_dst_acled_explosions_rv_2022_v3	2022	Explosions Location Distance	Euclidean Distance	Armed Conflict Location and Event Data (ACLED)
drc_dst_acled_protests_2022_v3	2022	Protests Location Distance	Euclidean Distance	Armed Conflict Location and Event Data (ACLED)
drc_dst_acled_riots_2022_v3	2022	Riots Location Distance	Euclidean Distance	Armed Conflict Location and Event Data (ACLED)
drc_dst_acled_strategic_developments_2022_v3	2022	Strategic Development Distance	Euclidean Distance	Armed Conflict Location and Event Data (ACLED)
drc_dst_acled_violence_against_civilians_2022_v3	2022	Violence Against Civilians Distance	Euclidean Distance	Armed Conflict Location and Event Data (ACLED)
drc_dst_coastlines_2022_v3	2022	Coastline Distance	Euclidean Distance	OpenStreetMap
drc_dst_osm_educational_2023_v3	2023	Education Facilities Distance	Euclidean Distance	OpenStreetMap
drc_dst_osm_localroads_2023_v3	2023	Local Roads Distance	Euclidean Distance	OpenStreetMap
drc_dst_osm_mainroads_2023_v3	2023	Main Roads Distance	Euclidean Distance	OpenStreetMap
drc_dst_osm_placesofworship_2023_v3	2023	Places of Worship Distance	Euclidean Distance	OpenStreetMap
drc_dst_osm_railways_2023_v3	2023	Railways Distance	Euclidean Distance	OpenStreetMap
drc_elevation_2000	2020	Elevation	Euclidean Distance	European Space Agency (ESA)
drc_ghs_residential_2020	2020	Residential Area	Euclidean Distance	European Commission Joint Research Centre (JRC)
drc_ndvi_avg_2021	2021	Normalized Difference Vegetation Index	Mean	Copernicus
drc_ndvi_std_2021	2021	Normalized Difference Vegetation Index	Standard Deviation	Copernicus
drc_slope_2000	2020	Terrain Slope	None	European Space Agency (ESA)
drc_viirs_2021	2021	Visible Infrared Imaging Radiometer Suite	None	National Aeronautics and Space Administration (NASA)
drc_walking_traveltime_hf	2020	Walking Travel Time	None	Malaria Atlas Project (MAP)
ghs_smod_e2030_globe_r2023a_54009_1000_v2_0	2023	Settlement Class	Mode	European Commission Joint Research Centre (JRC)
grid3_cod_health_facilities_v1_0_all_eucdist	2024	All Health Facilities Distance	Euclidean Distance	Geo-Referenced Infrastructure and Demographic Data for Development (GRID3)
grid3_cod_health_facilities_v1_0_hospital_eucdist	2024	Hospitals Distance	Euclidean Distance	Geo-Referenced Infrastructure and Demographic Data for Development (GRID3)
grid3_cod_health_facilities_v1_0_subset_eucdist	2024	Health Facilities Distance	Euclidean Distance	Geo-Referenced Infrastructure and Demographic Data for Development (GRID3)

grid3_cod_roads_v1_0_all_eucdist	2024	Roads Distance	Euclidean Distance	Geo-Referenced Infrastructure and Demographic Data for Development (GRID3)
grid3_cod_stlextd3_v02_urbcentre_eucdist	2024	Urban Center Distance	Euclidean Distance	Center for Integrated Earth System Information (CIESIN)
grid3_cod_stlextd3_v02_urbcentre_eucdist_negativewithin	2024	Urban Center Distance	Euclidean Distance	Center for Integrated Earth System Information (CIESIN)
grid3_cod_stlextd3_v02_urbcentre_urbcluster_eucdist	2024	Urban Center Distance	Euclidean Distance	Center for Integrated Earth System Information (CIESIN)
grid3_cod_stlextd3_v02_urbcentre_urbcluster_eucdist_negativewithin	2024	Urban Center Distance	Euclidean Distance	Center for Integrated Earth System Information (CIESIN)