Variable description

Crona et al. 2021 “Blue Food policy objectives: an analysis of opportunities and trade-offs”

Table 1. Variable name and description (variables included in the clean_data.csv dataset)

Variable name during computations	Variable description	Data source	Unit
iso3c	ISO 3 Codes for each country		
SEV_omega3	Proportion of population deficient in Omega 3	[1]	Percentage (%)
SEV_vitB12	Proportion of population deficient in B12	[1]	Percentage (%)
prod_kgpercap_year	Total (average) production divided by the average population for each country (average across 2006-2016 for matching with variable). Converted from tonnes to kg	[2]	kg/cap/year
import_kg_percap_year	Imports in kg per cap. Data from FishStatJ. All codes in 03 category, exceptions 0301.11 , 0301.19 (Ornamental fish). Average across 3 years, 2015, 2016, 2017 (years due to latest population data from fishstatJ, i.e. matched with data).	[2]	kg/cap/year
red_meat_kgcapyear	Consumption of ruminant meat. Included data on "Bovine Meat", "Mutton & Goat Meat" and “Pigmeat”. Average across latest 3 years of data (2009-2011). Converted from raw weight to cooked weight with conversion factor (0.746).	[3]	g/cap/day
DALY_cardiovascular_cap	Disability adjusted life years for cardiovascular disease per capita	[4]	year/cap
ruminant_meat_kgcapyear	Consumption of ruminant meat. Included data on "Bovine Meat" and "Mutton & Goat Meat". Average across latest 3 years of data (2009-2011). Converted from raw weight to cooked weight with conversion factor (0.746).	[3]	g/cap/day
totjobs_percap	Total numbers employed in Blue Food sector (as a % of total workforce)	[5–8]	Percentage (%)
export_percgdp	Blue food export value in 2019 expressed as a proportion of GDP (most recently available value)	Export value[7] GDP[9]	Percentage (%)
aq_reliance_ratio	Reliance was calculated as aquatic animal foods / (aquatic animal foods + terrestrial animal foods), for each country mean of individual animal food categories in the FAO New Food Balance sheets were averaged across the most recent years (2014-2018) for each country. Protein consumption values (based on supply quantity) were extracted (g/capita/day). These were summed into two categories, aquatic foods and for terrestrial foods. Aquatic foods include: "Fish, Body Oil",Fish, Liver Oil","Freshwater Fish","Demersal Fish","Pelagic Fish","Marine Fish, Other","Crustaceans","Cephalopods","Molluscs, Other","Meat, Aquatic Mammals","Aquatic Animals, Others" Terrestrial foods include: "Bovine Meat","Meat, Other","Mutton & Goat	[10]	Percentage (%)

	Meat","Pigmeat","Poultry Meat","Milk - Excluding Butter","Butter, Ghee","Cream",Offals, Edible","Eggs","Fats, Animals, Raw"		
ssp585_2050	National level climate hazard score, ranging from 0-100, that integrates multiple environmental threats (such as changing temperature, sea level rise, ocean acidification) to marine and freshwater fisheries, aquaculture and supply chains. Values are based on a high-emissions (SSP5-8.5) scenario and averaged over the years 2040-2060	[11]	0-100
data_coverage	Number of variables where data exists for each country		
data_coverage_ percent	Percentage of variables where data exists for each country		Percentage (%)

References

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