As seen in (Marine litter from beach-based sources: Case study of an Eastern Mediterranean coastal town M.E. Portman, R.E. Brennan / Waste Management) the variability of non-plastic litter composition should make us aware that the local context must be taken into account. Perhaps, given that non-plastic litter is a hugely varying category, this way of thinking could be expanded into the plastic debris category of “Other”, given that it is inherently varied let alone in a dataset that gathers information over the entire world. In fact, this could in reverse explain the higher p-value, since high variation within the category studied would yield results of insufficient trustworthiness.

As mentioned in (Spatial and Temporal Patterns of Stranded Intertidal Marine Debris: Is There a Picture of Global Change? Mark Anthony Browneet al. Environ. Sci. Technol. 2015, 49, 7082−7094) many intertidal sites seem to be transit areas for debris, with exports matching imports over

time. This could hugely impact a created model especially given that in the dataset we used we didn’t have such information available. It is also important to acknowledge that our dataset is Northamerican centred which and given that it has information gathered over a period of 10 years we cannot be sure of categorization biase in the data, since there is no proof of a single sampling protocol followed. We have already spotted one such occasion, rubber gloves, and taken care of it, but further study on it is needed.

Already in literature:

Marine litter from beach-based sources: Case study of an Eastern Mediterranean coastal town M.E. Portman, R.E. Brennan / Waste Management

@article{article,

author = {Browne, Mark Anthony and Chapman, M.G. and Thompson, Richard and Amaral-Zettler, Linda and Jambeck, Jenna and Mallos, Nicholas},

year = {2015},

month = {05},

pages = {},

title = {Spatial and Temporal Patterns of Stranded Intertidal Marine Debris: Is There a Picture of Global Change?},

volume = {49},

journal = {Environmental science & technology},

doi = {10.1021/es5060572}

}

New literature:

Spatial and Temporal Patterns of Stranded Intertidal Marine Debris: Is There a Picture of Global Change? Mark Anthony Browneet al. Environ. Sci. Technol. 2015, 49, 7082−7094

@article{article,

author = {Browne, Mark Anthony and Chapman, M.G. and Thompson, Richard and Amaral-Zettler, Linda and Jambeck, Jenna and Mallos, Nicholas},

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