Solar container field has trillions of fields

Why is there a high number of solar fields?
The high number of solar fields is caused by wrong classification; when solar fields are located between two roads,they are sometimes classified as main road. For the proximity factors (irradiance and distances to the electricity grid,urban areas,and roads),other datasets will be used as well.

Where can solar fields be placed?
Thus, solar fields cannot be placed in areas with monuments of World Heritage, archaeological zones, areas with landscape protection, Natura 2000 areas, or protected forests (Baltas & Dervos, 2012). There are some solar fields on inland waters, e.g., on drinking water reservoirs and small lakes (RVO, 2023).

Are solar fields more likely to be built on semi-built up sites?
The land use fixed effects show that solar fields are more likely to be built on semi-built up sitesthan on industrial sites. Other urban,waterbodies,and recreational land use types also have a higher chance than industrial sites. Agricultural land use does not have a significantly higher chance than industrial land use.

Why are solar fields considered 'other urban'?
This is visible in the Veluwe,the Wadden Islands,the Oostvaardersplassen,and other protected areas. The coefficient of 'other urban' could be high and positive because solar fields are classified as 'public amenities',a subcategory of 'other urban'.

Are there any suitable places for solar fields?
There are many similar suitable places for solar fields,but only a few are actually used for solar fields. On the one hand,this is due to limited demand for solar fields; if the Netherlands were covered entirely in solar fields,the total energy demand would be exceeded six times (Zonne-energie,z.d.).

How far should a solar field be from the electricity grid?
The maximum distance to the existing high voltage electricity grid should be 50 kilometres(Elboshy et al.,2021). For the distances to roads and the electricity grid,it is more suitable when the distance is smaller. However,solar fields cannot be placed on the road or railway itself.

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