

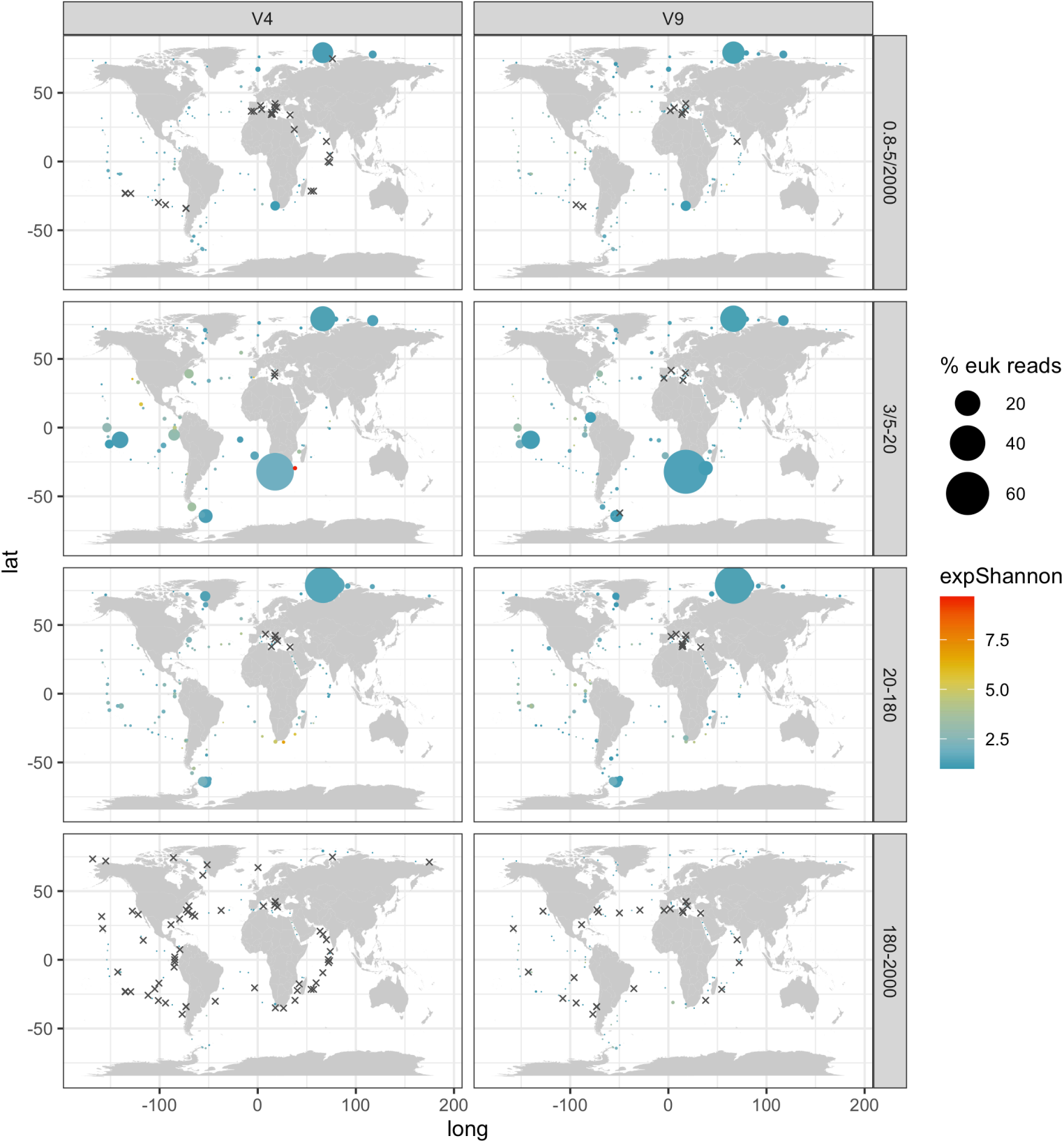
Supplementary Data 1

Patterns and drivers of diatom diversity and abundance in the global ocean

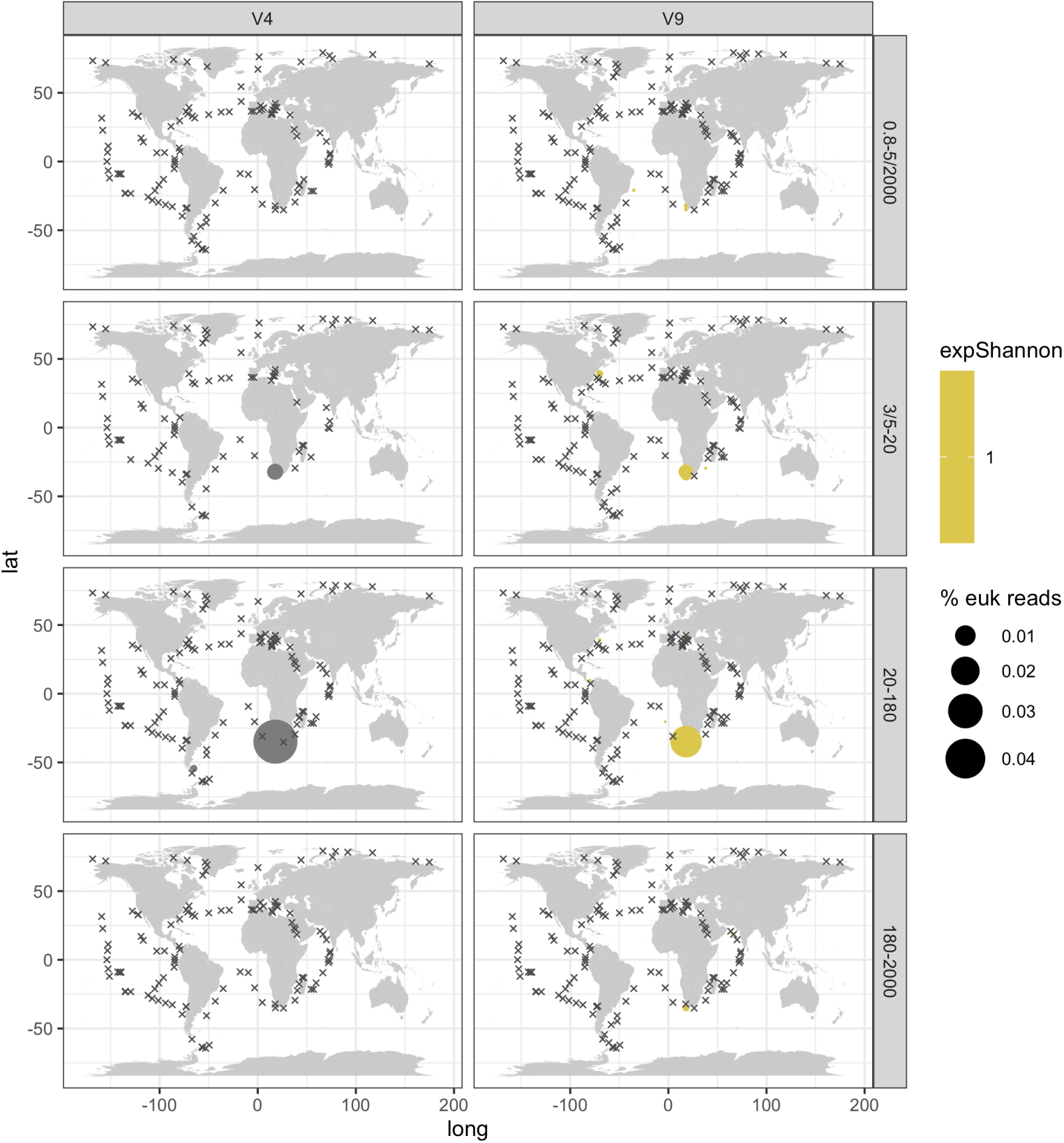
Pierella Karlusich, et al.

Global distribution of the diatom genera detected in V4 and V9 datasets. Bubble sizes are proportional to the % of reads for each genus relative to eukaryotic reads at each sampling station, whereas crosses indicate absence of detection. Colors indicate the exponentiated Shannon Diversity Index. Note that some genera were only detected in either the V4 or V9 dataset. Maps were generated with *borders()* function in *ggplot2*⁸⁴.

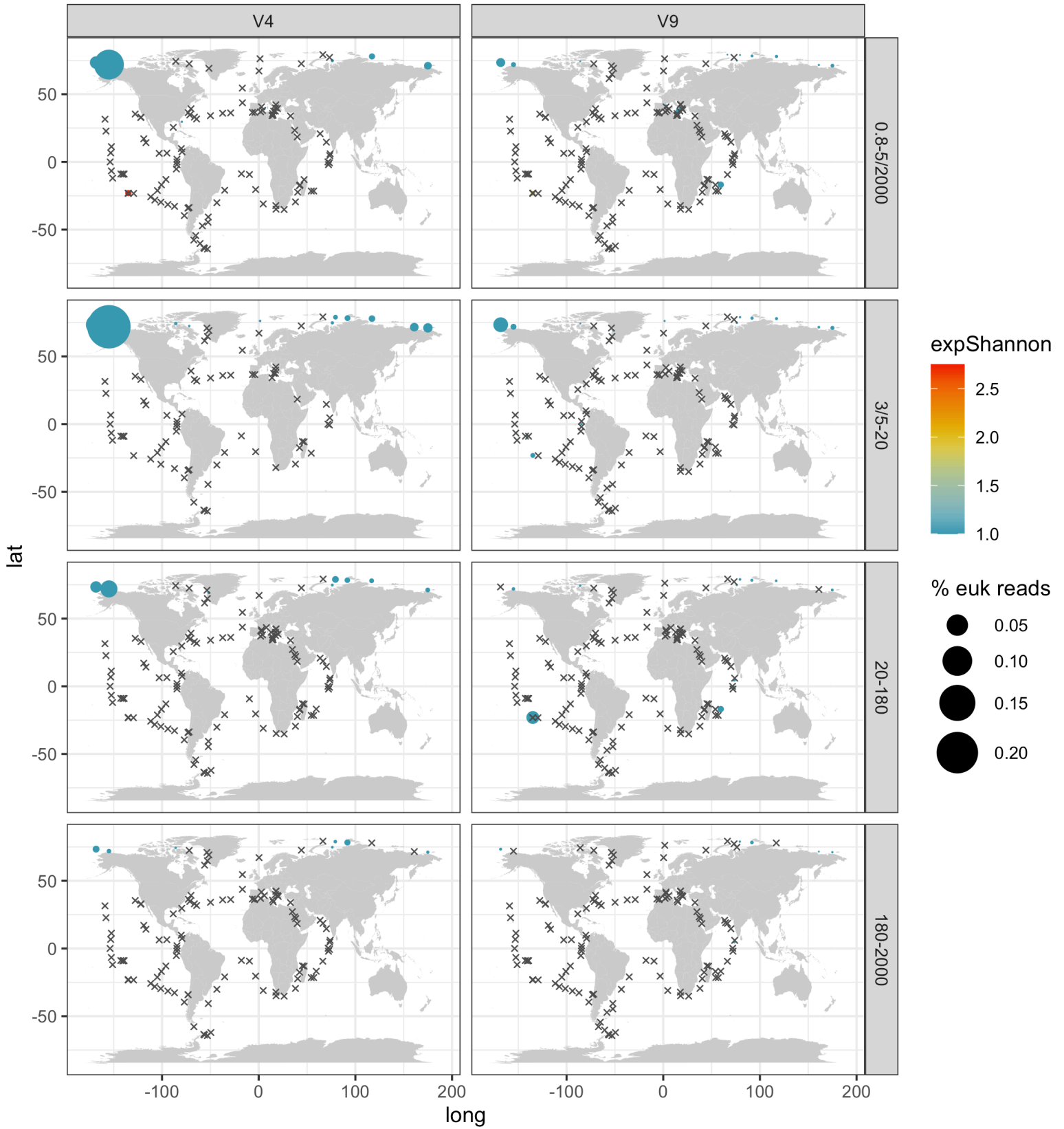
Actinocyclus | Coscinodiscophyceae



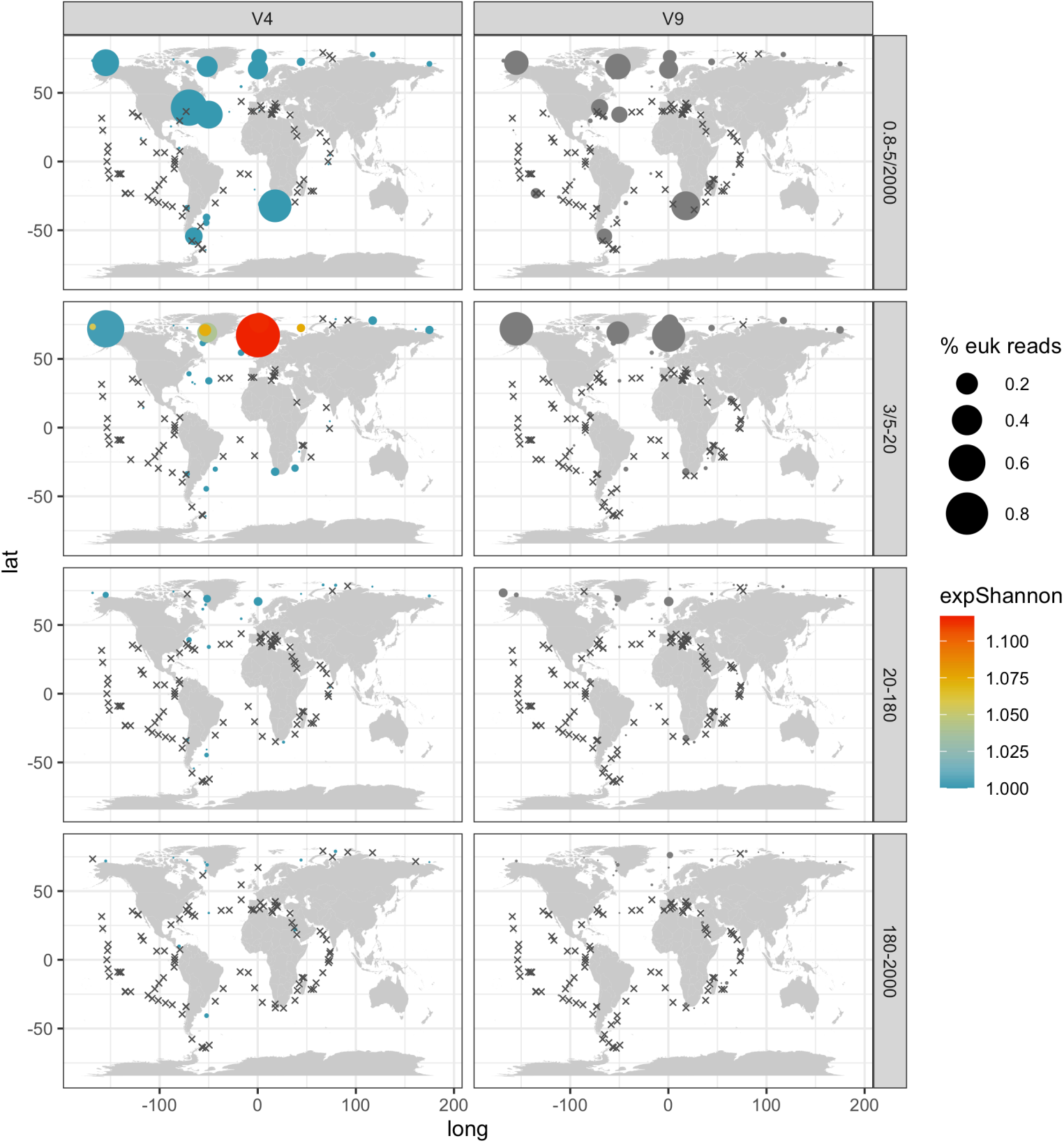
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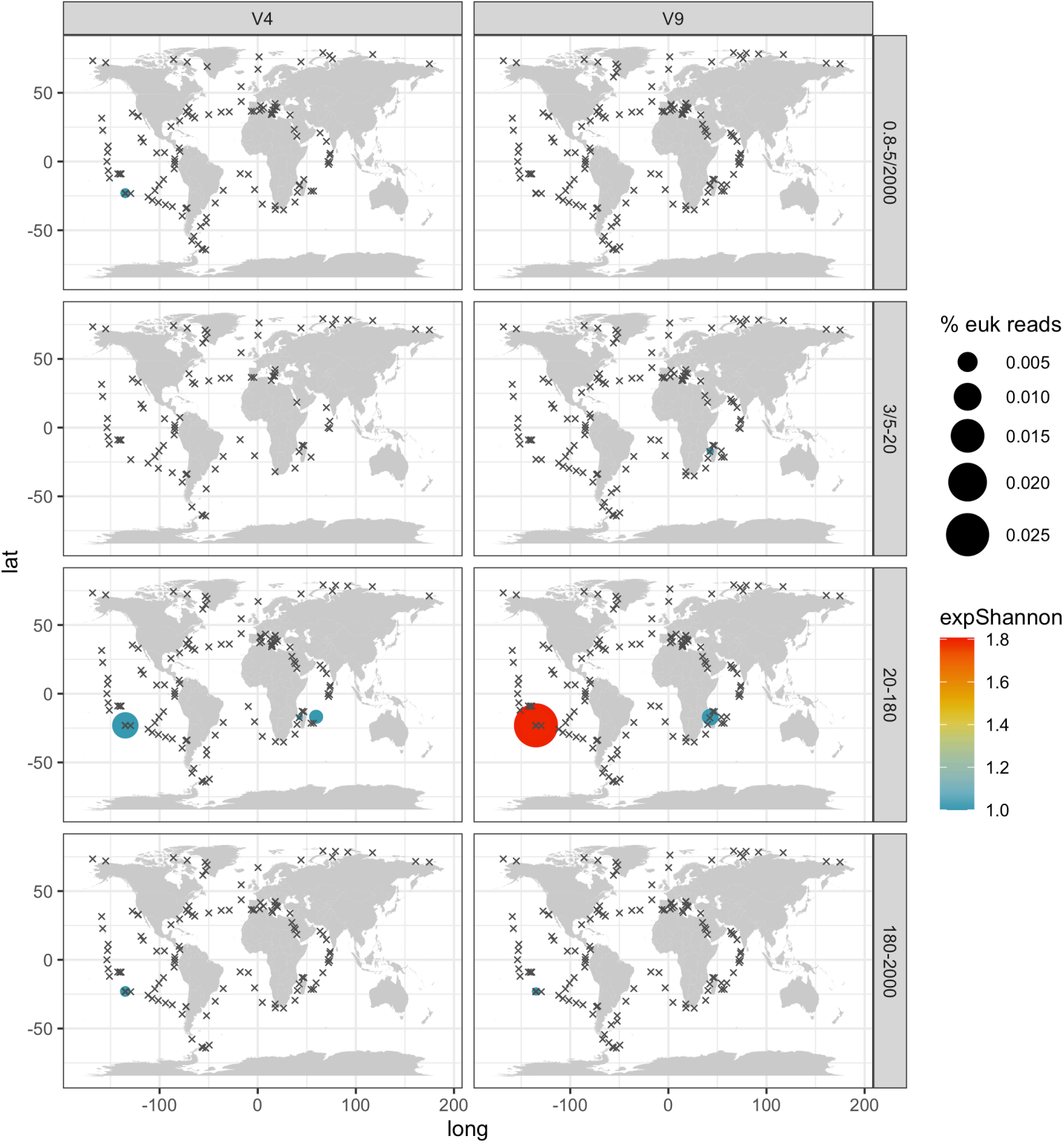
Amphora | Raphid_pennate



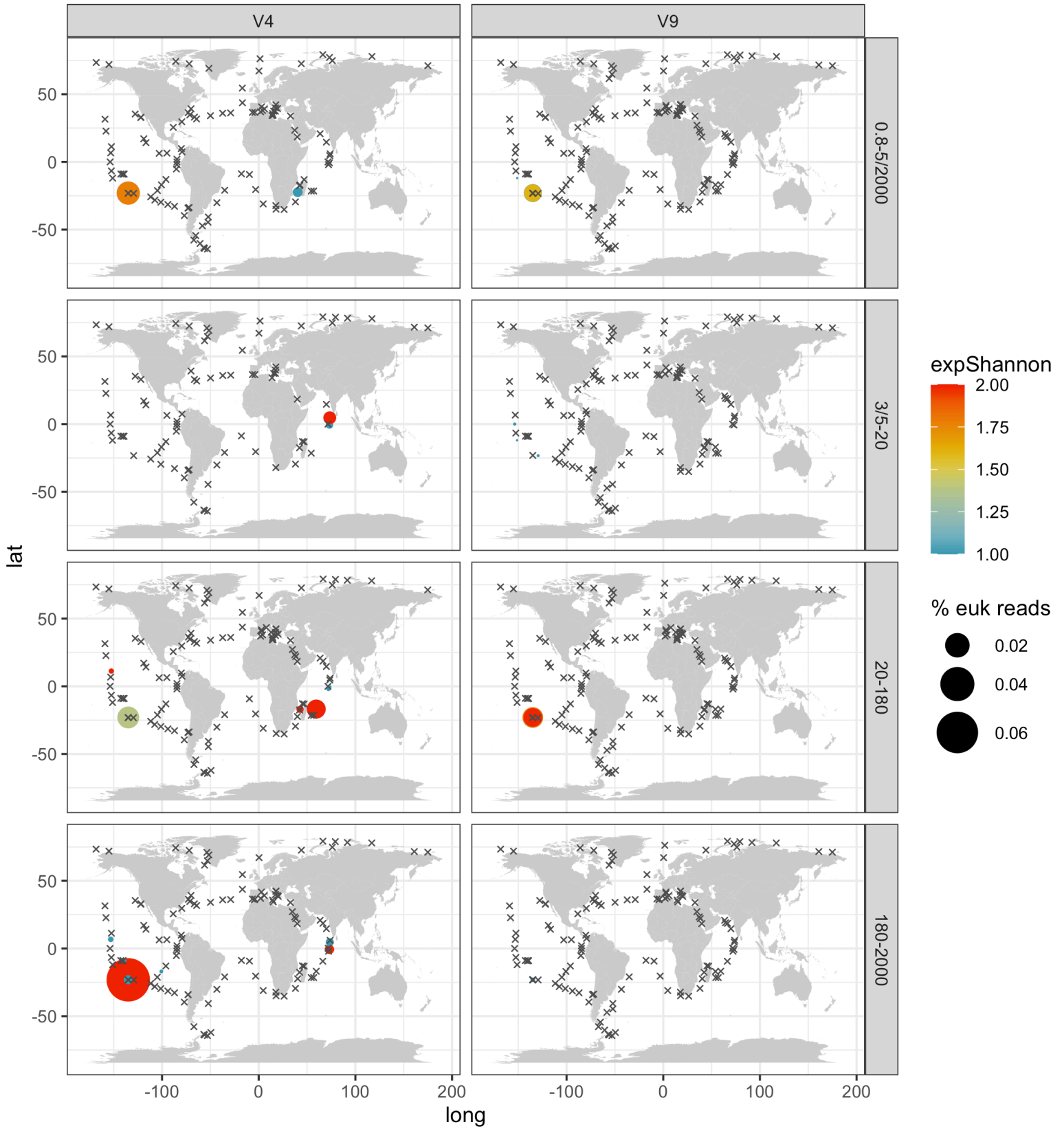
Arcocellulus | Mediophyceae



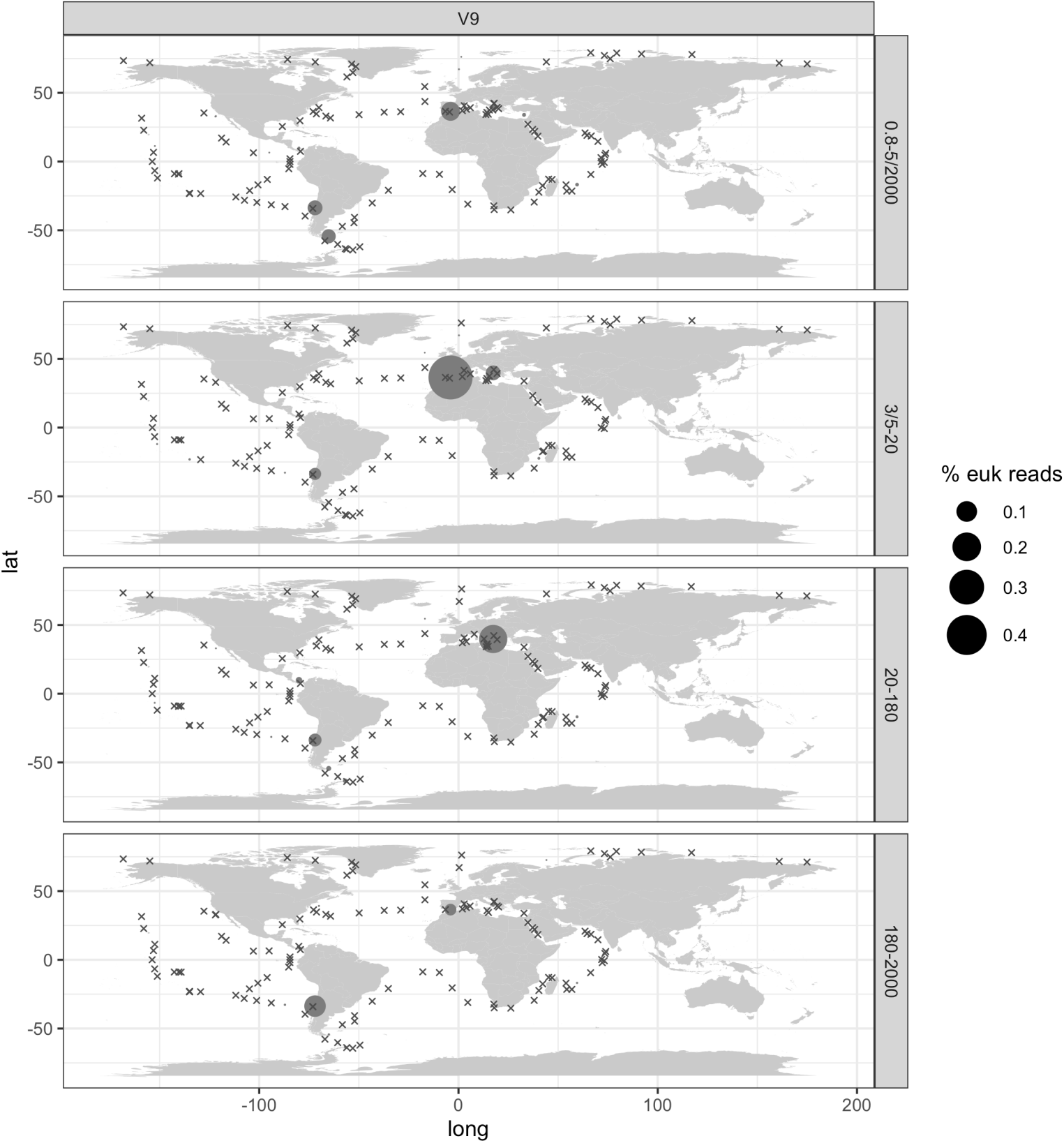
Ardissonea | Mediophyceae



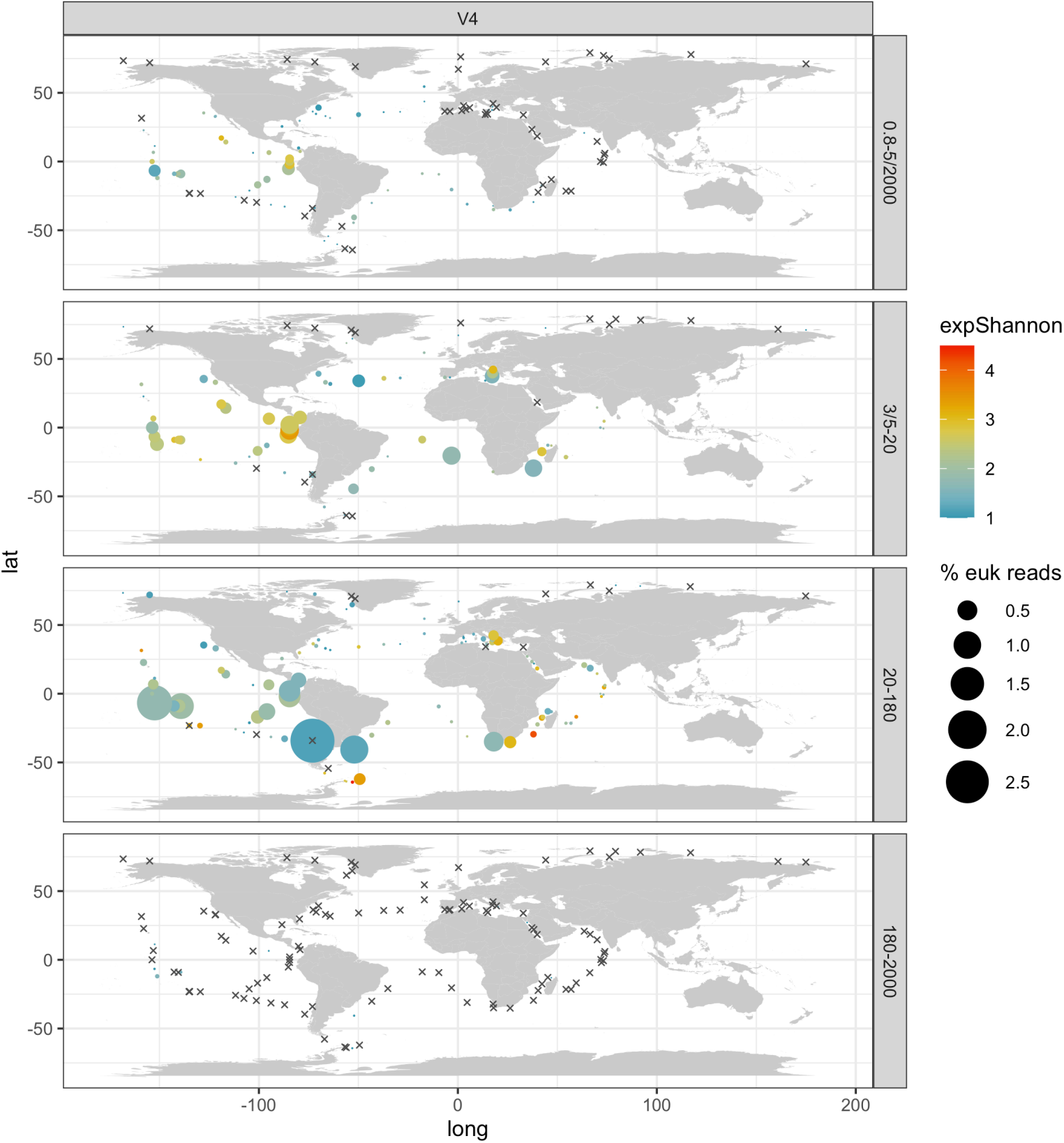
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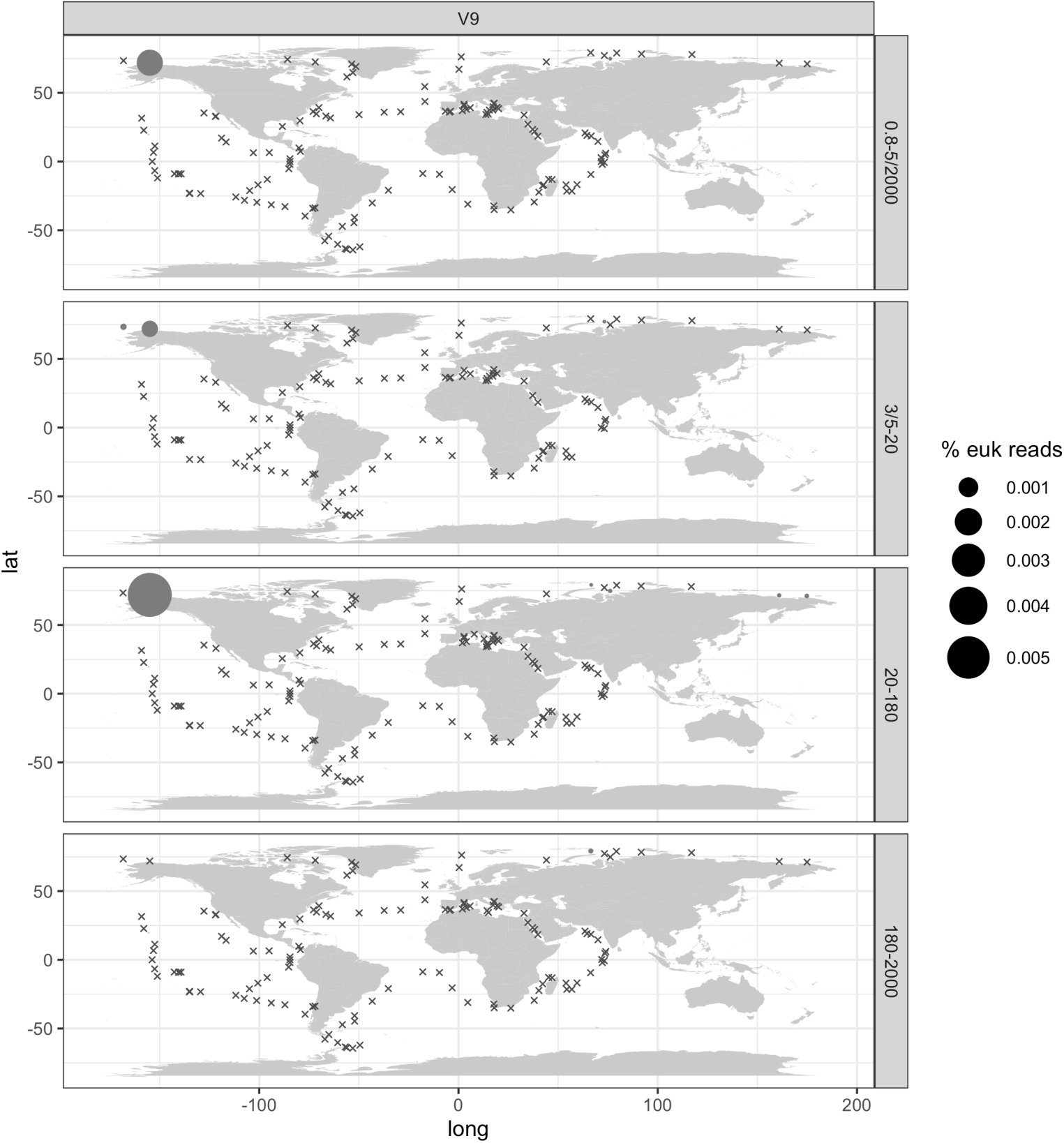
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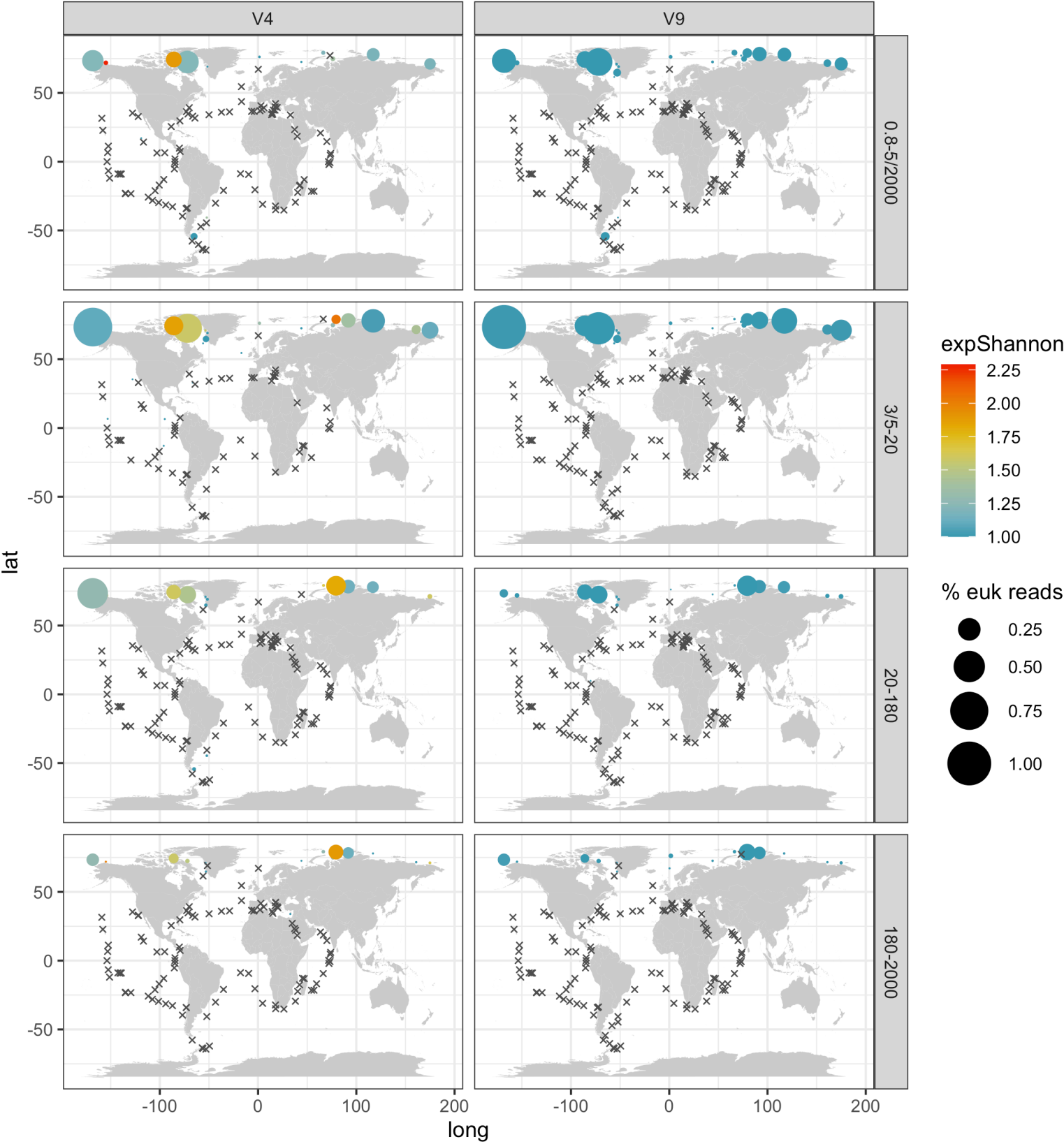
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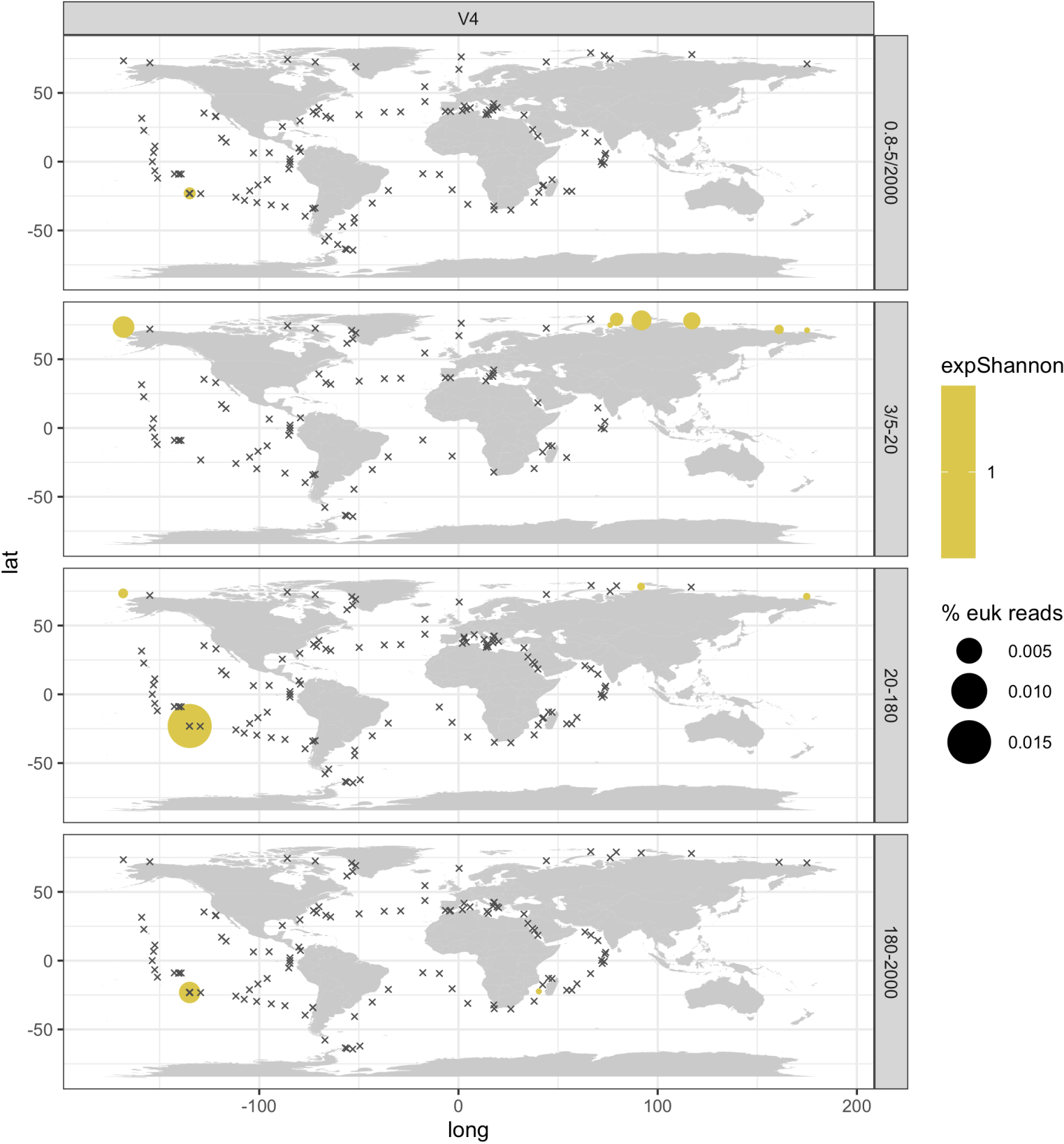
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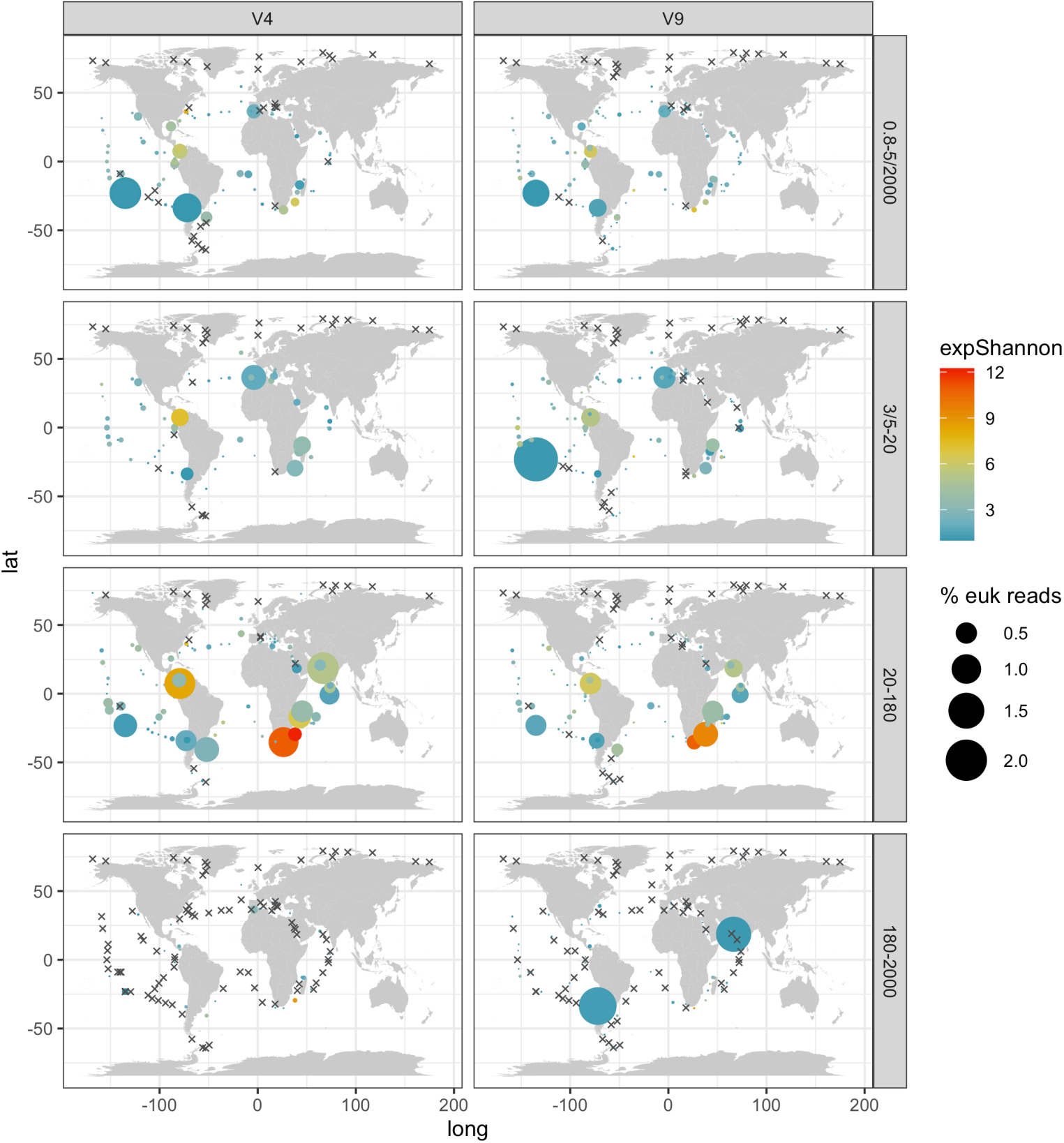
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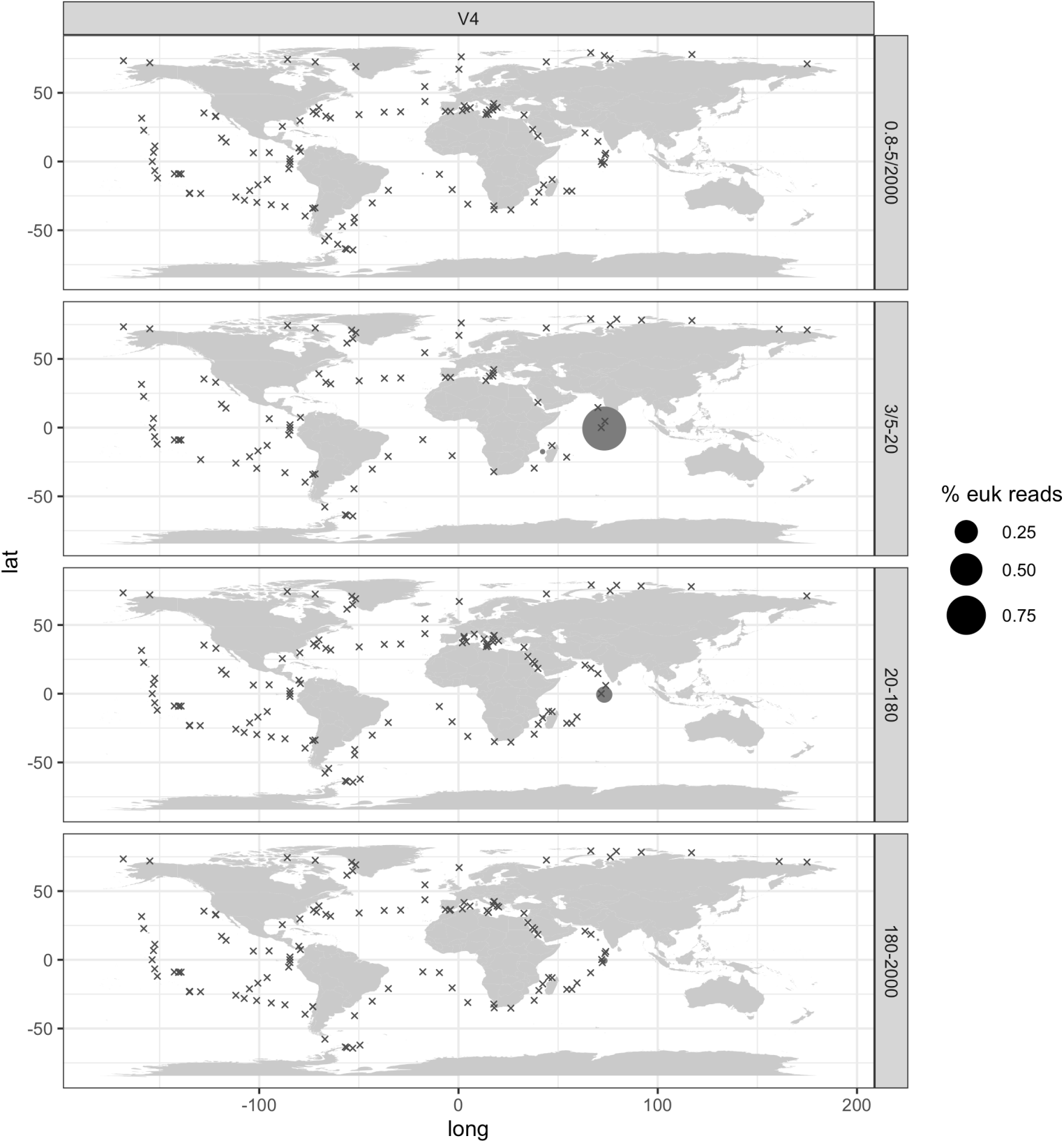
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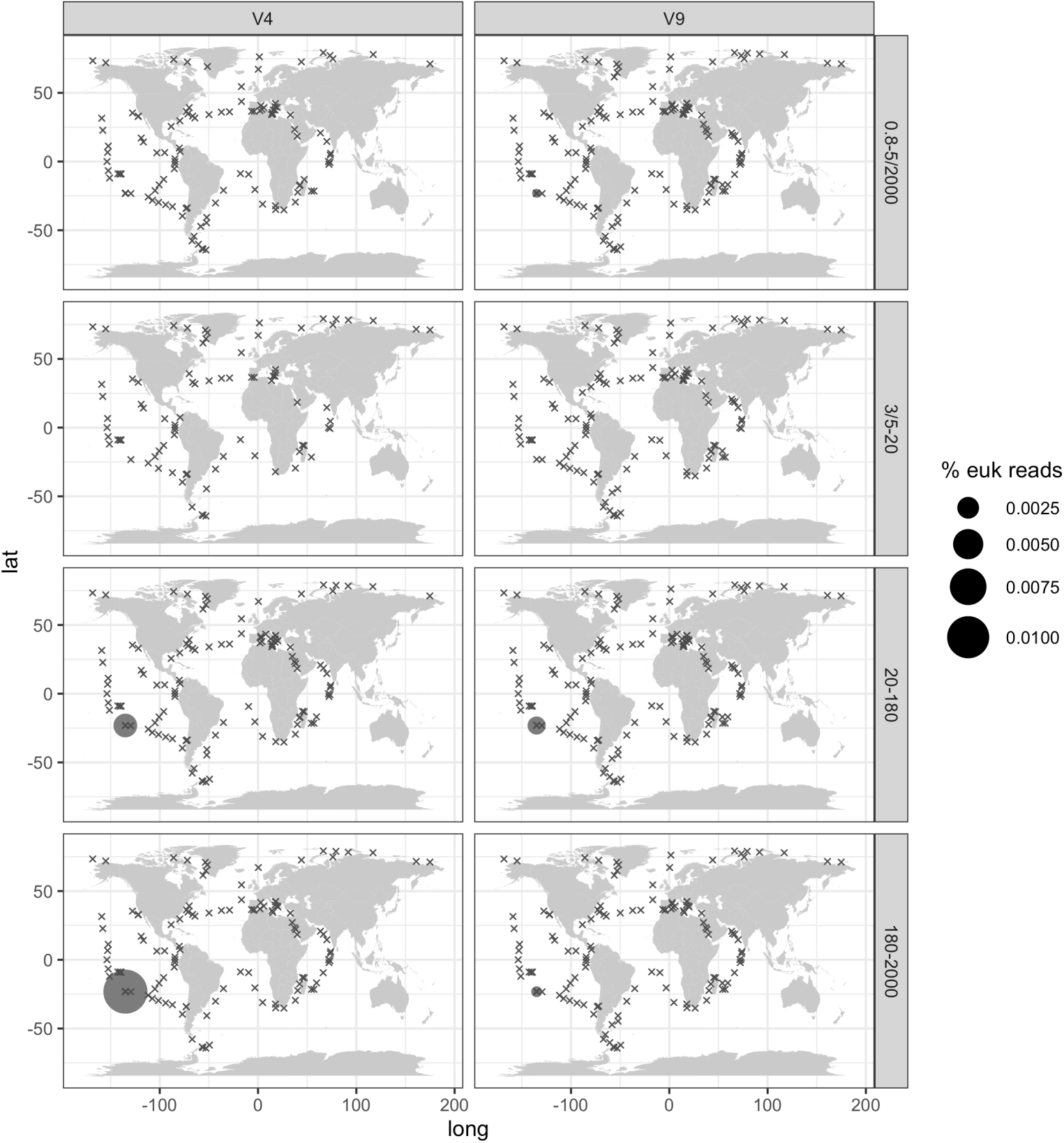
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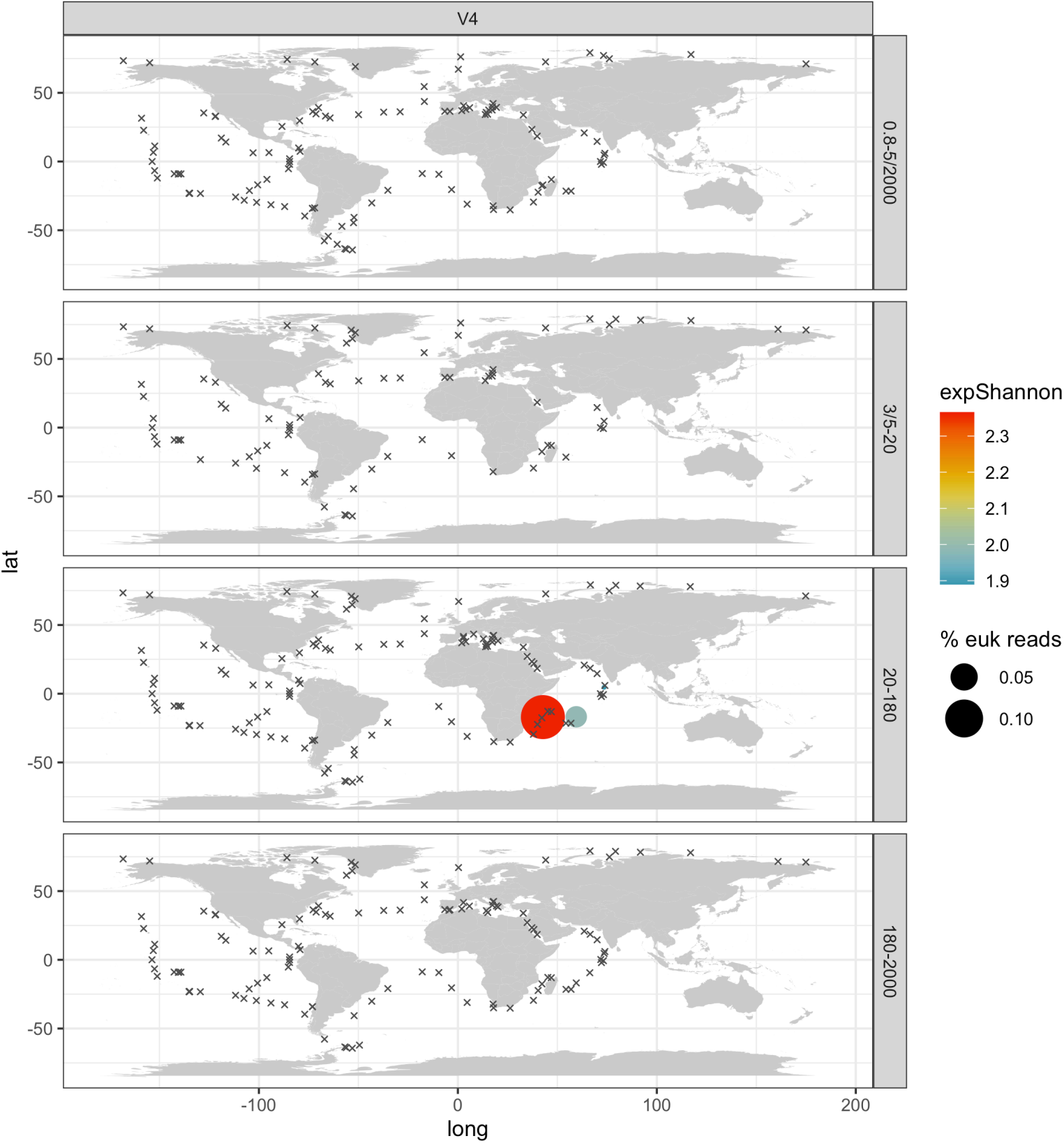
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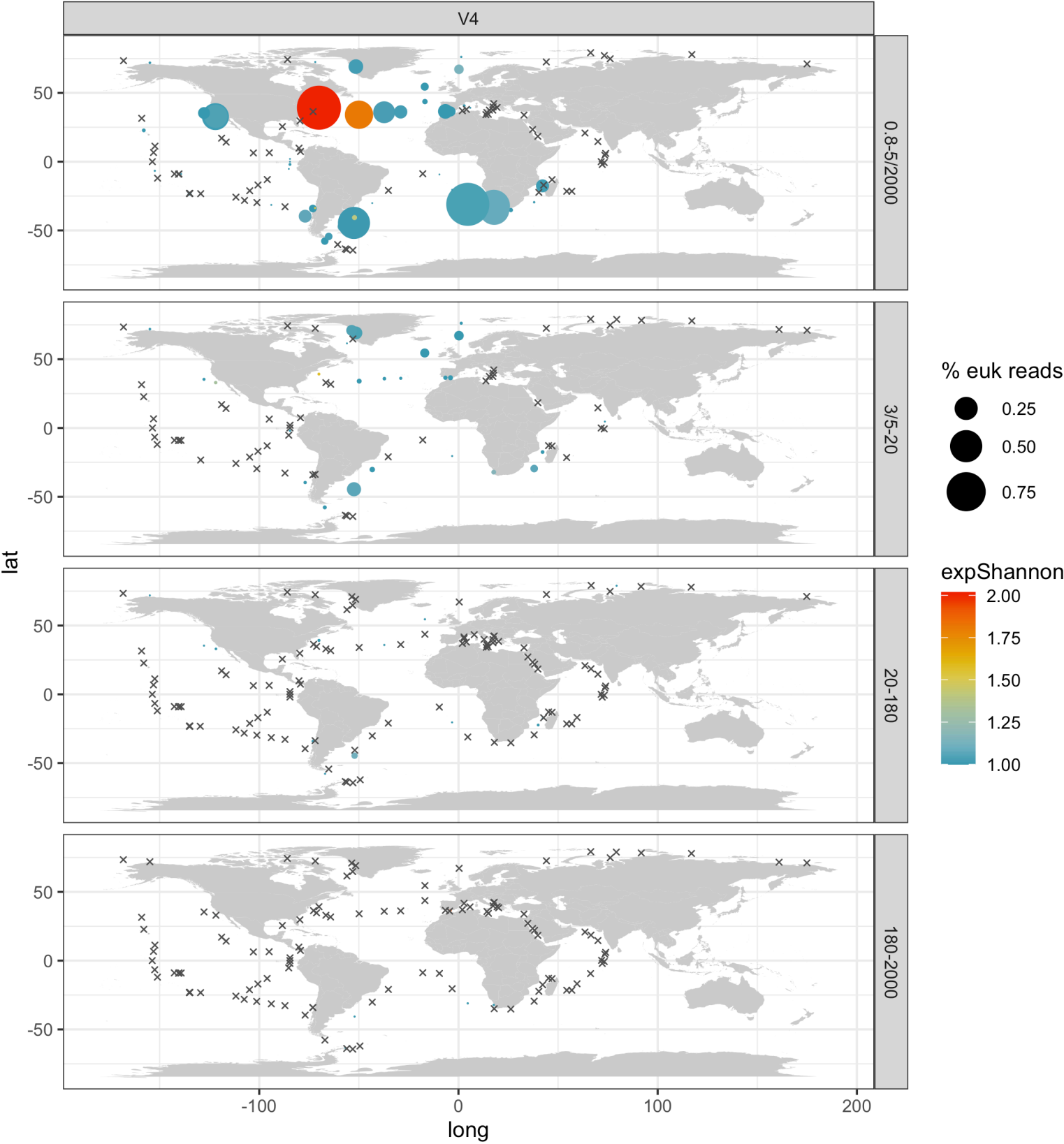
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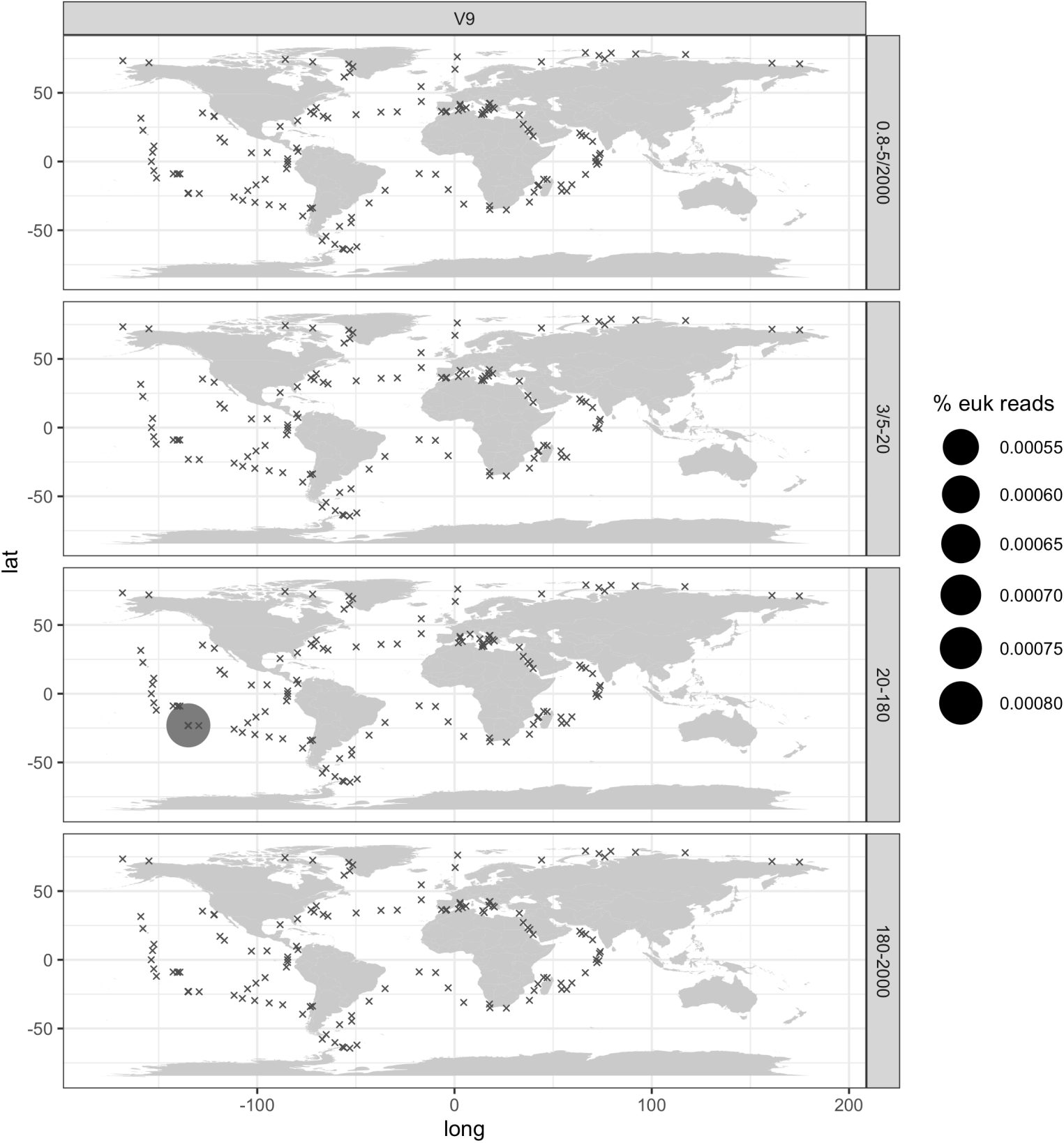
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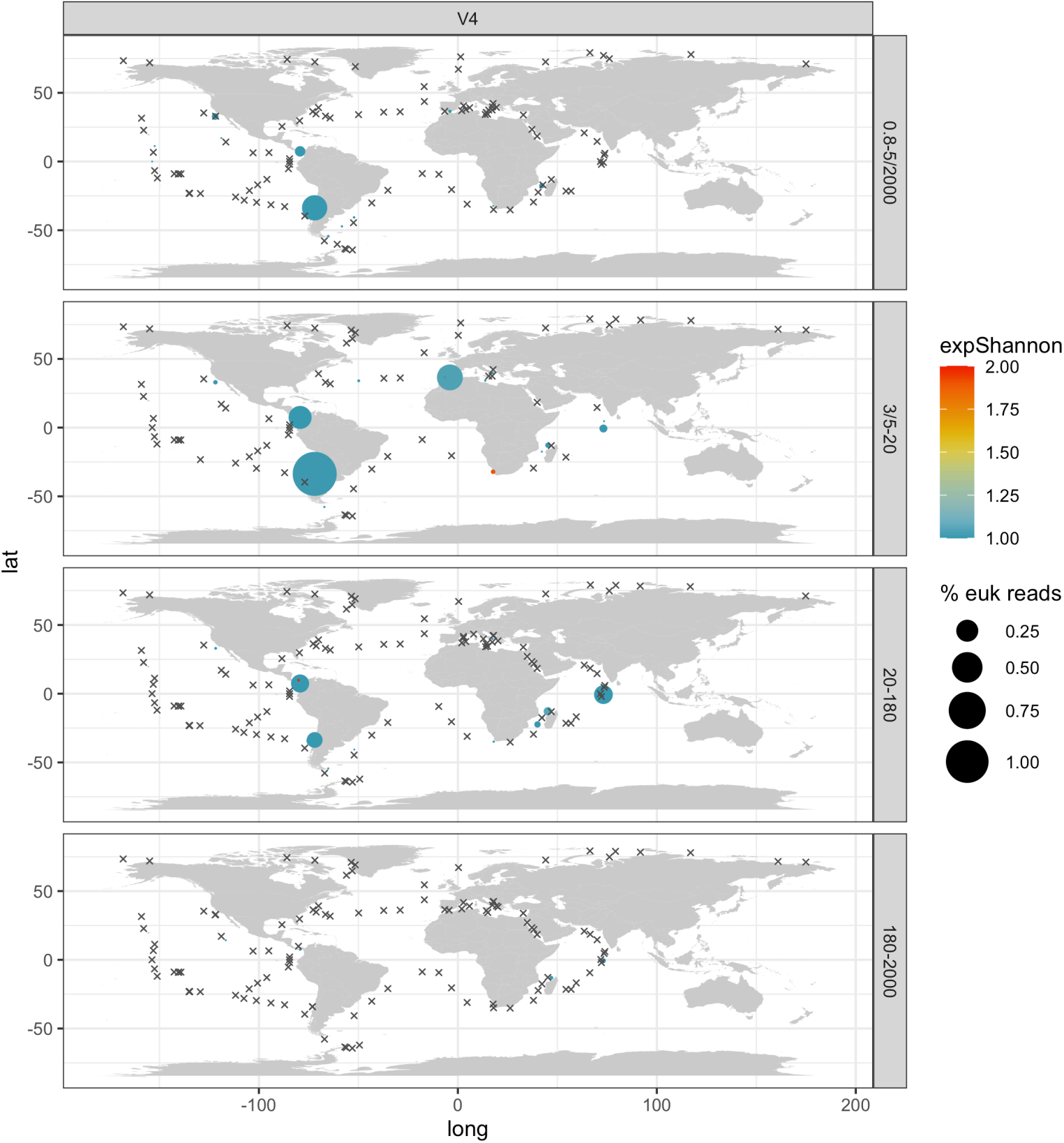
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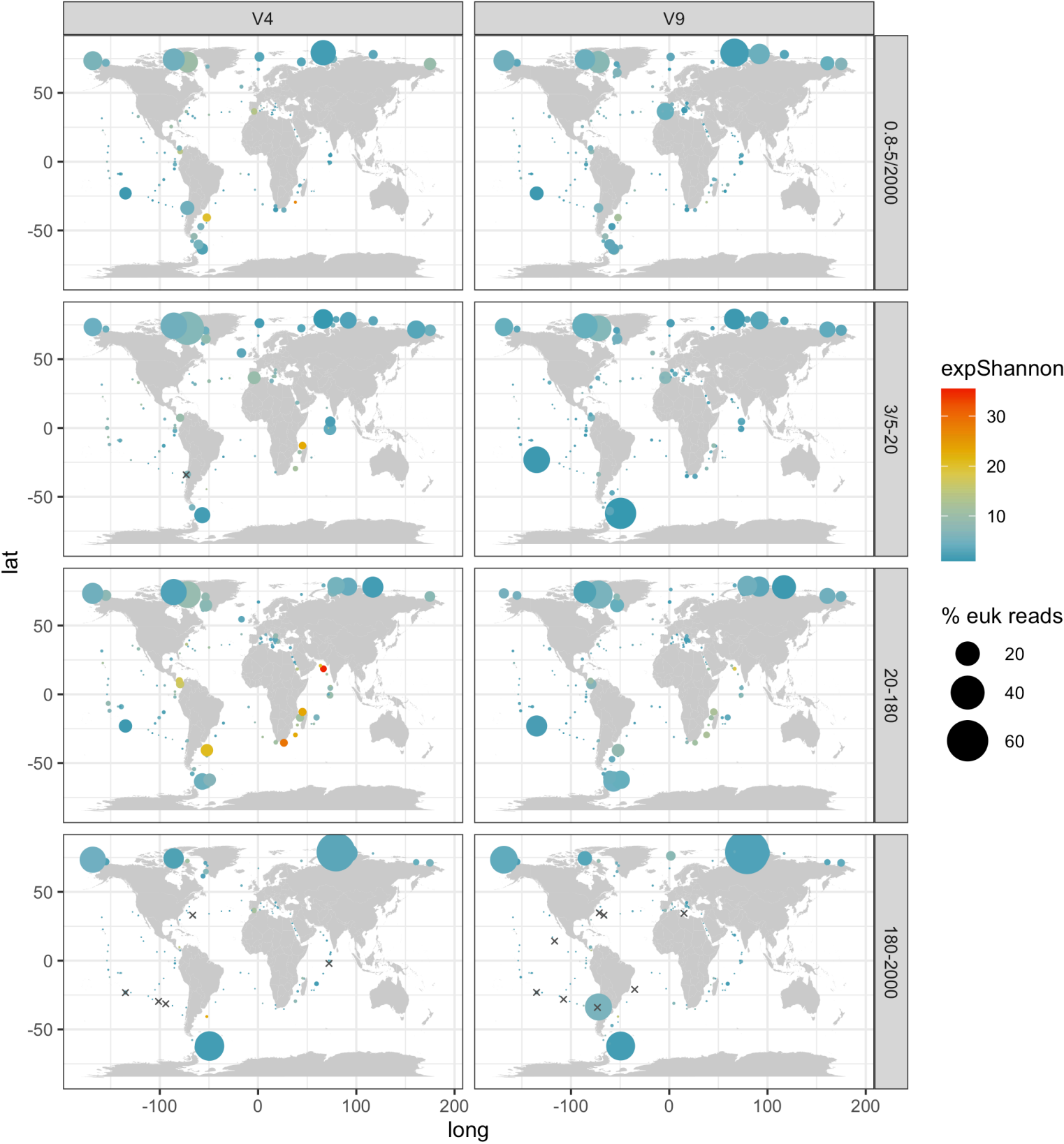
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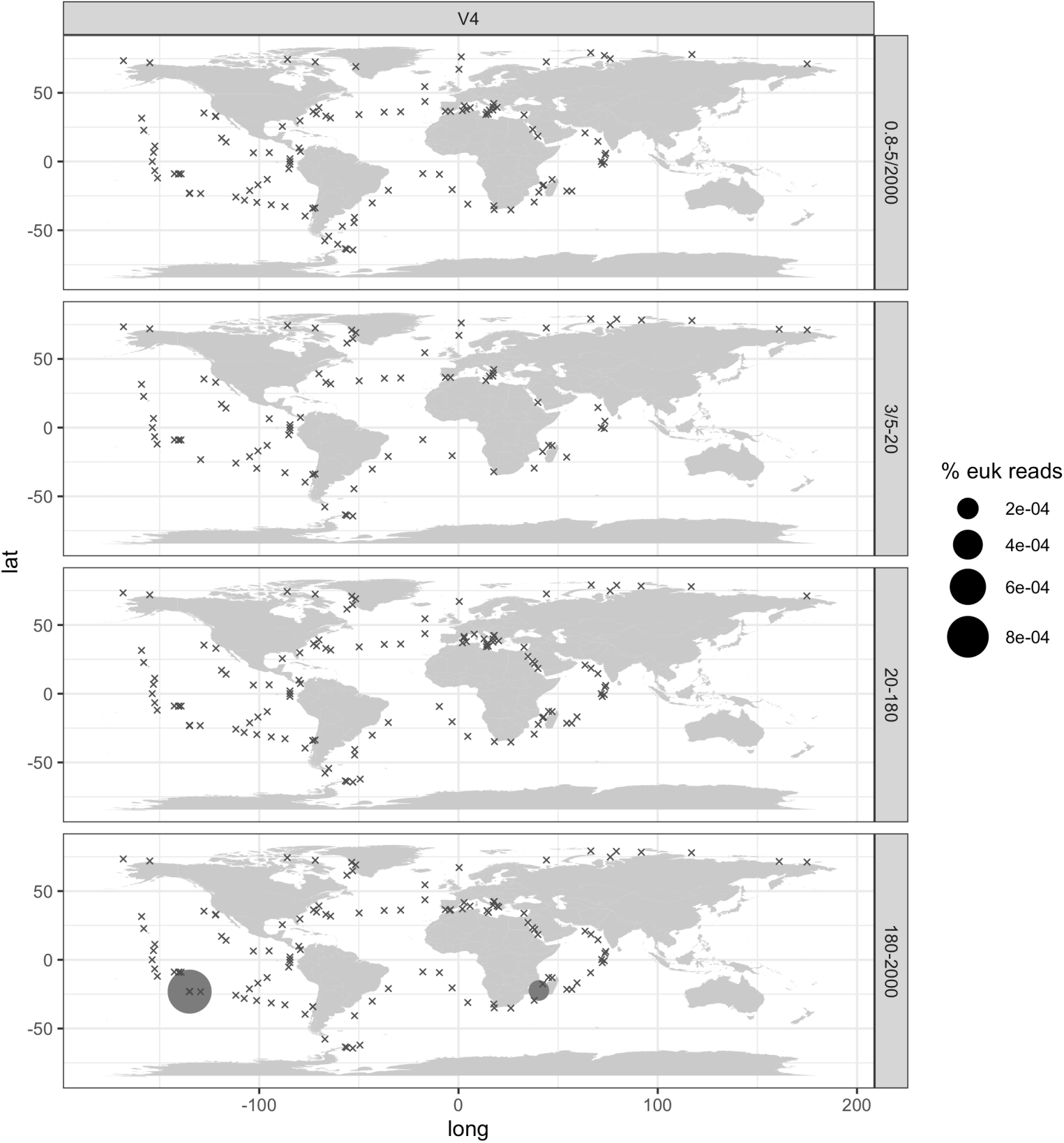
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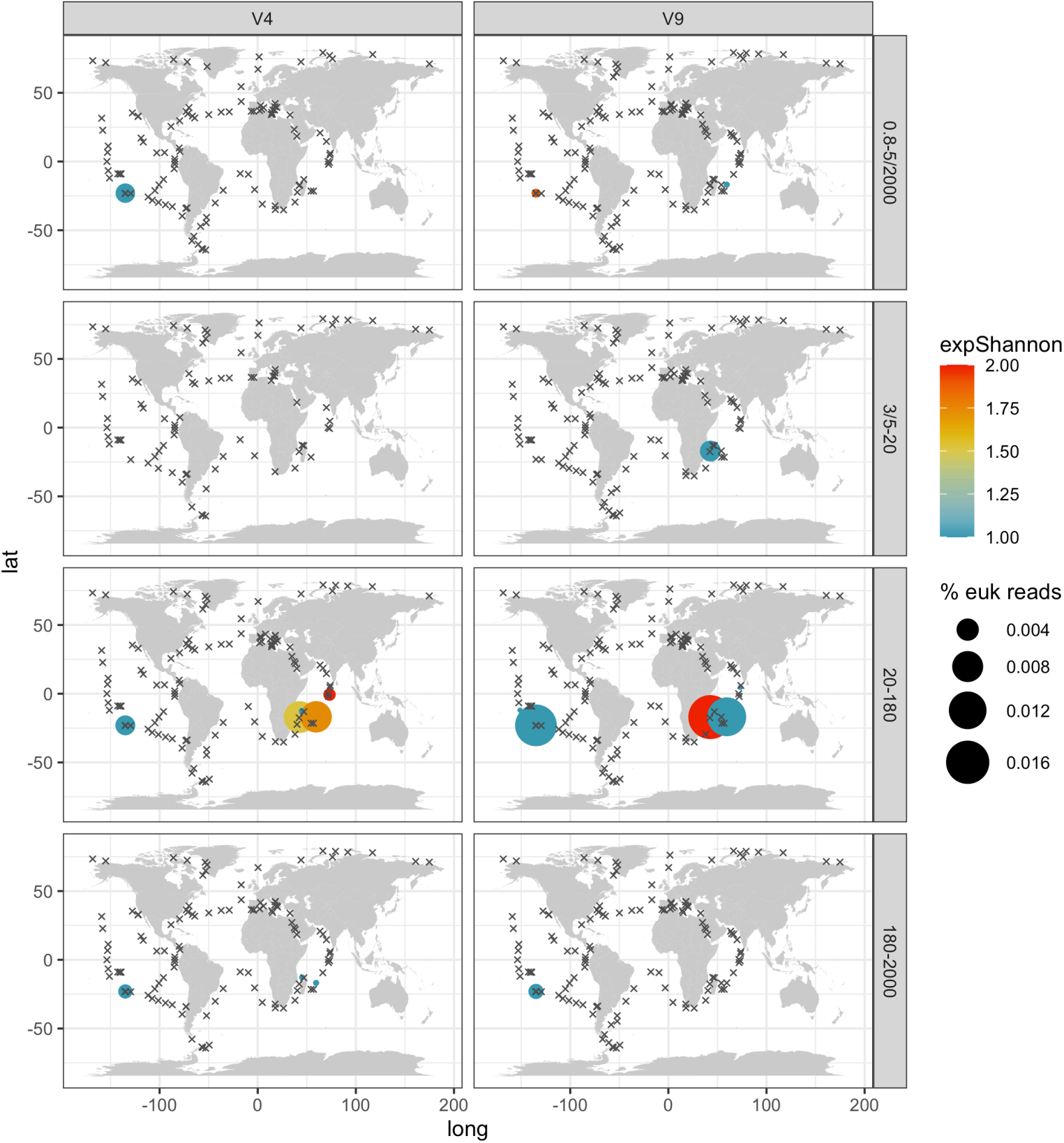
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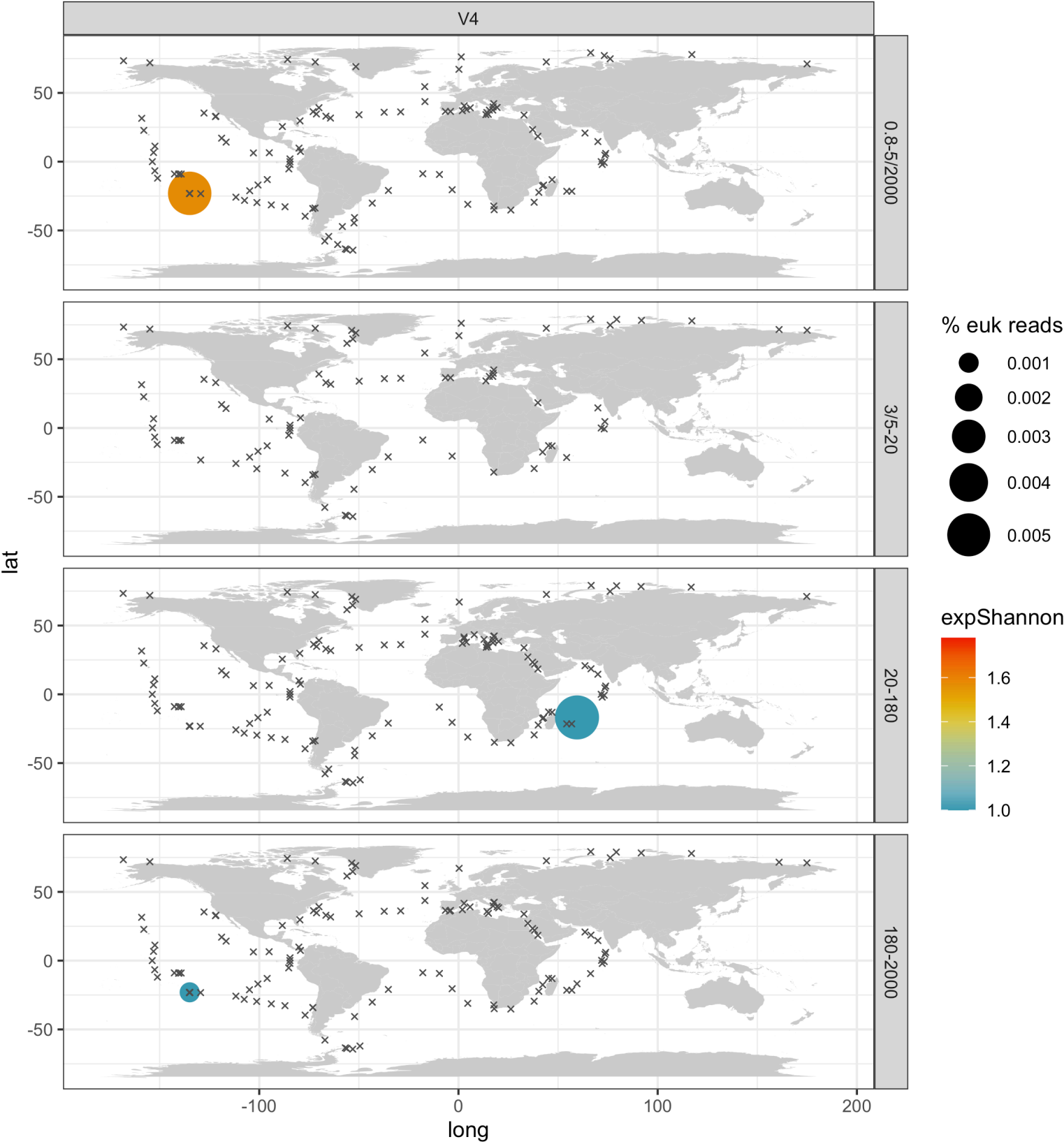
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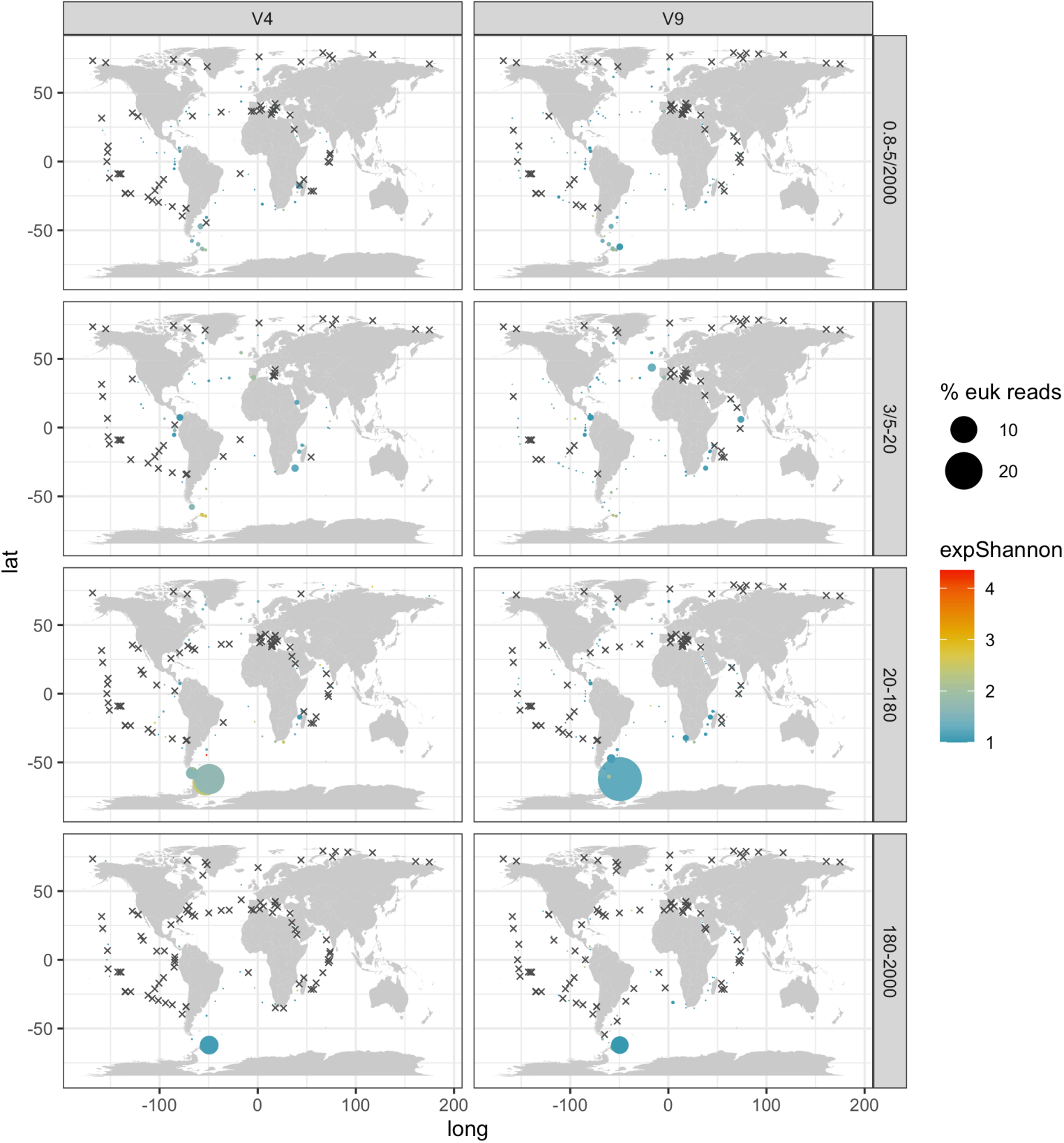
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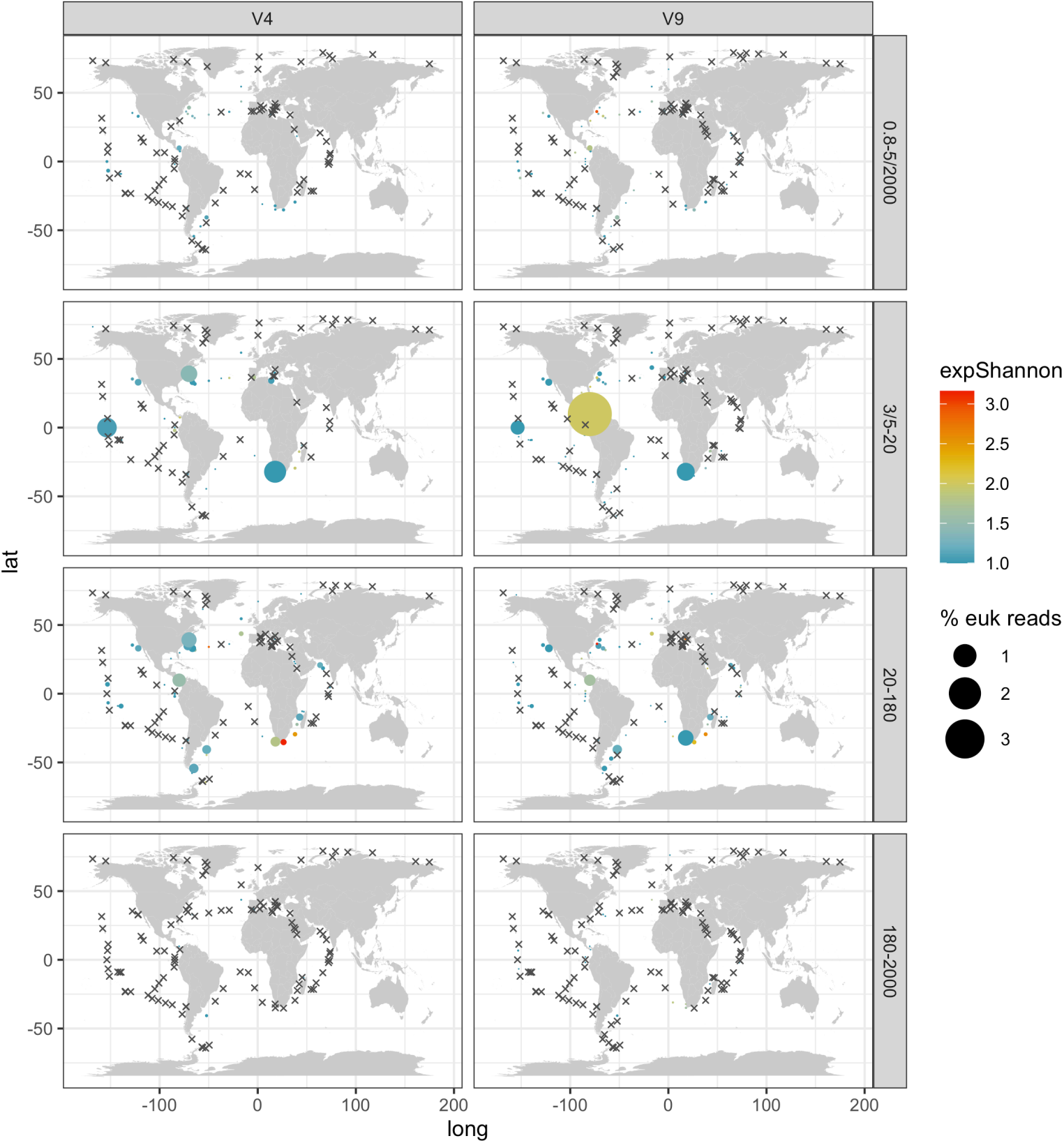
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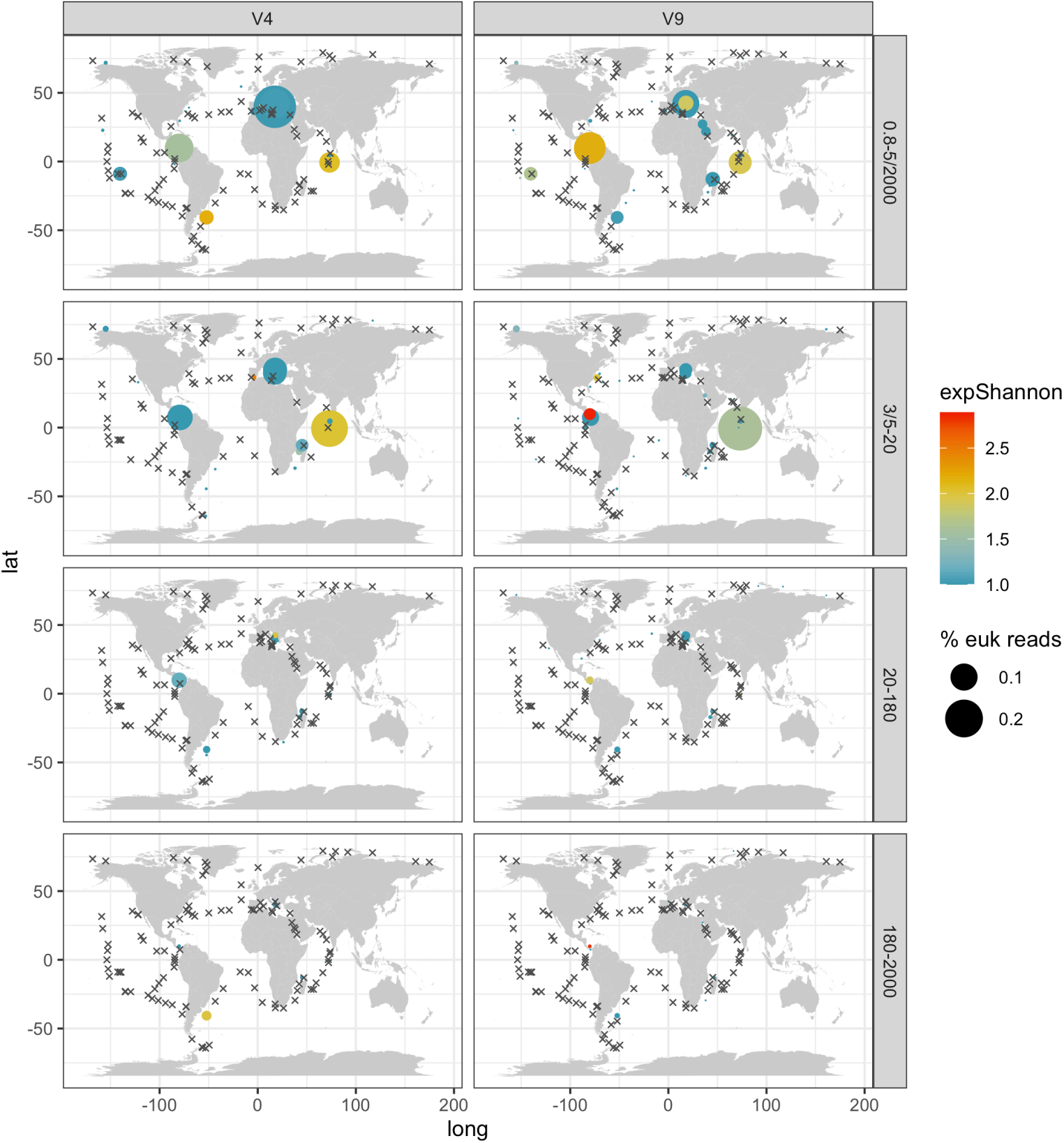
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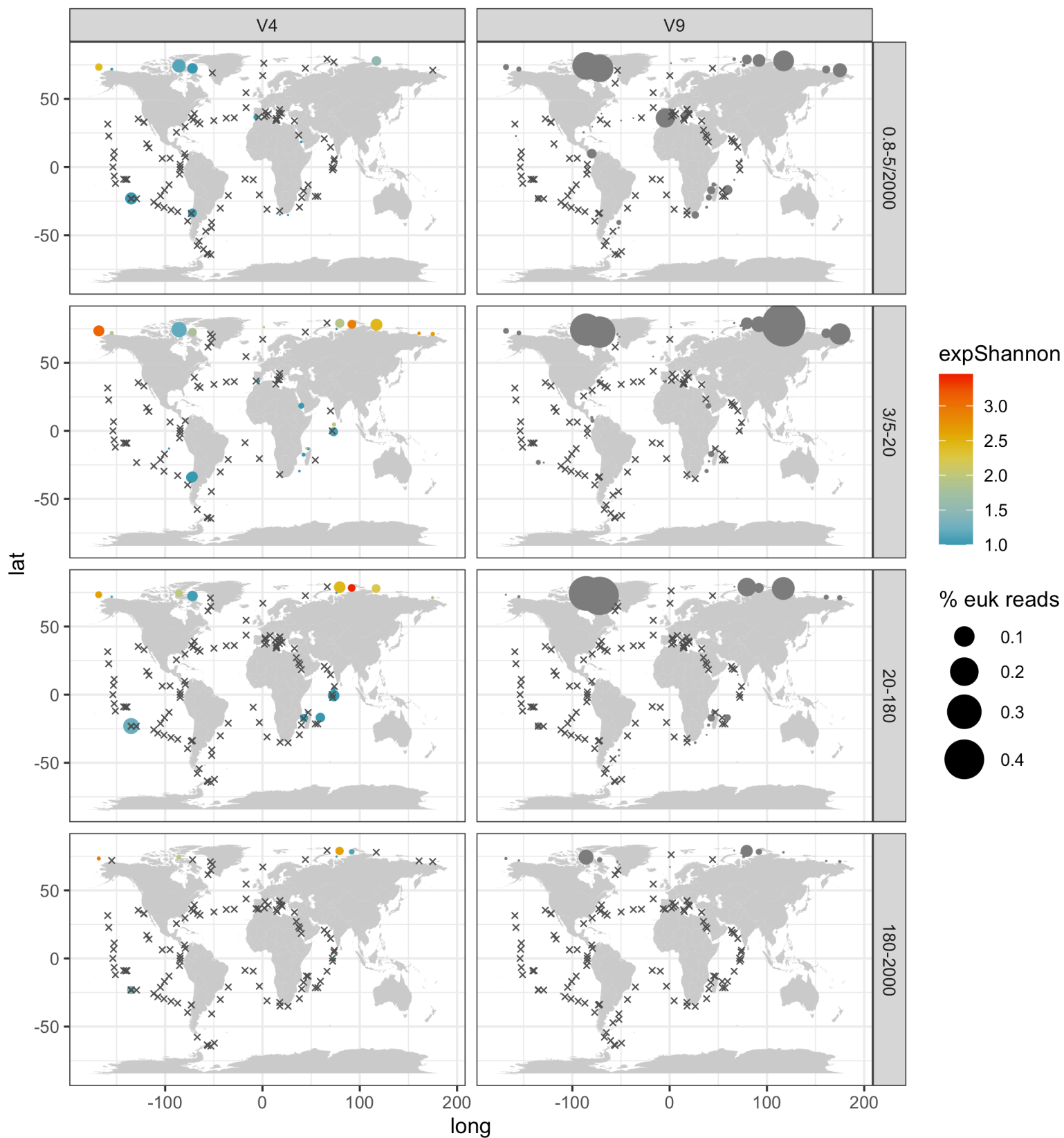
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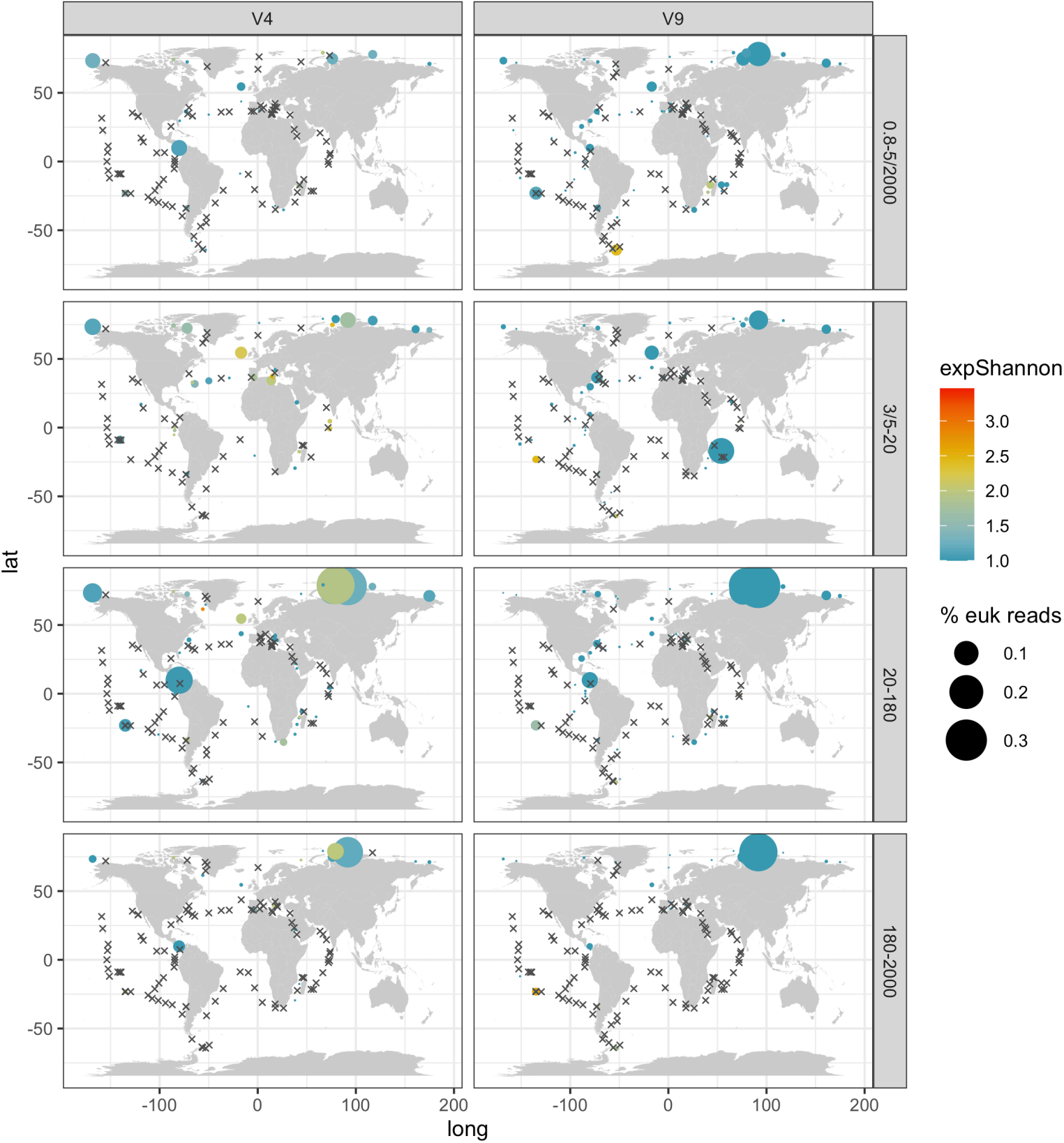
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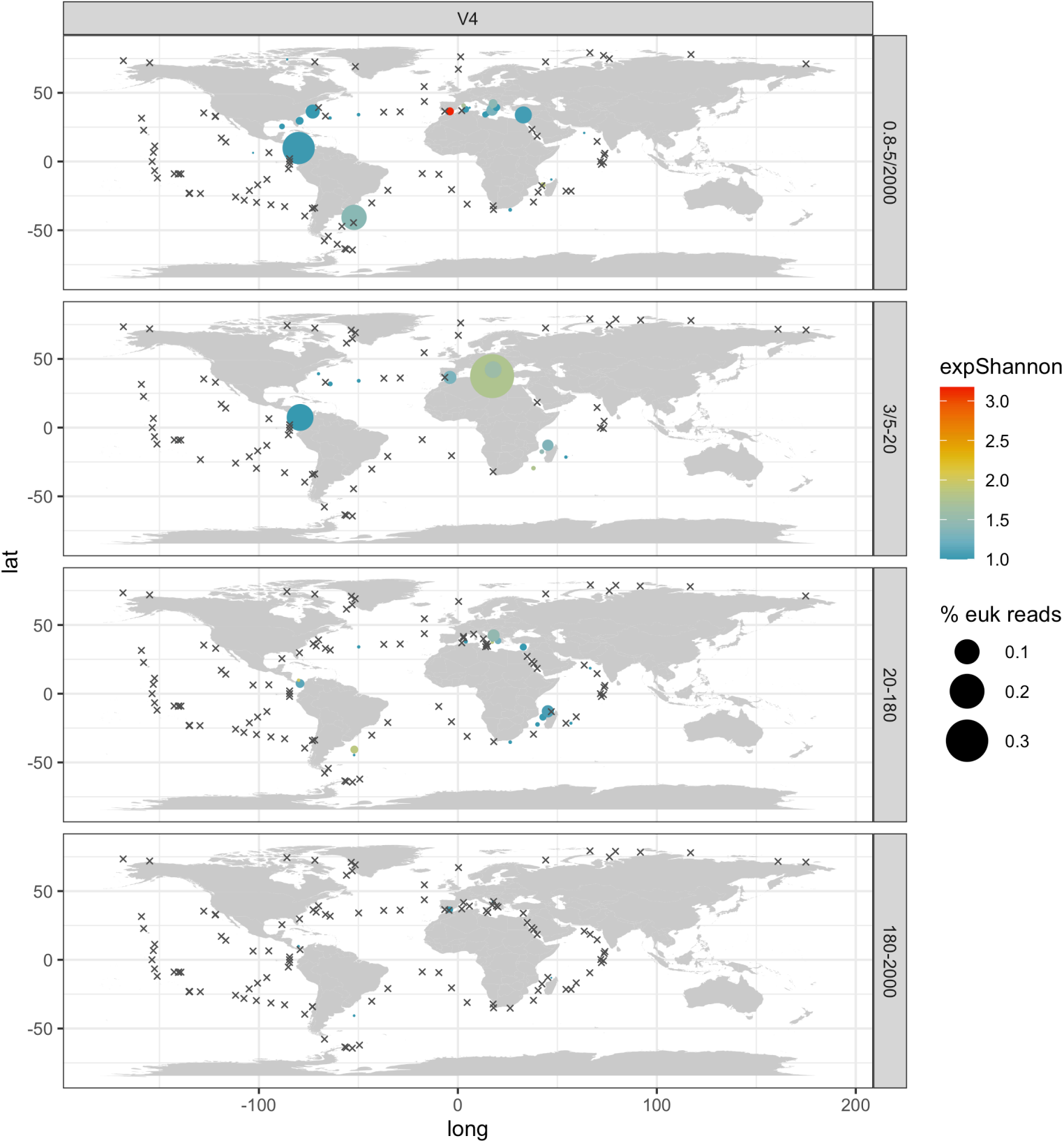
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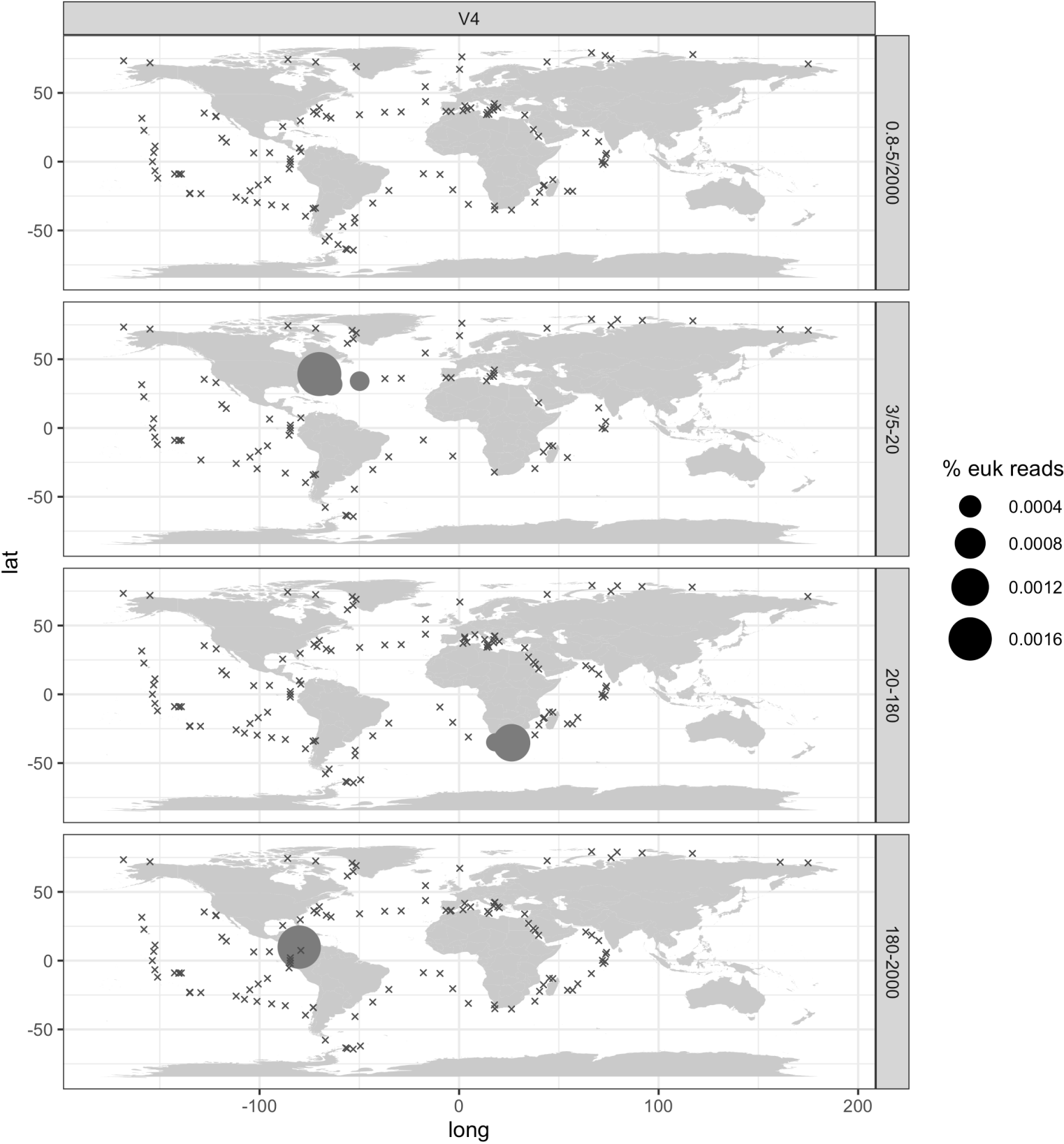
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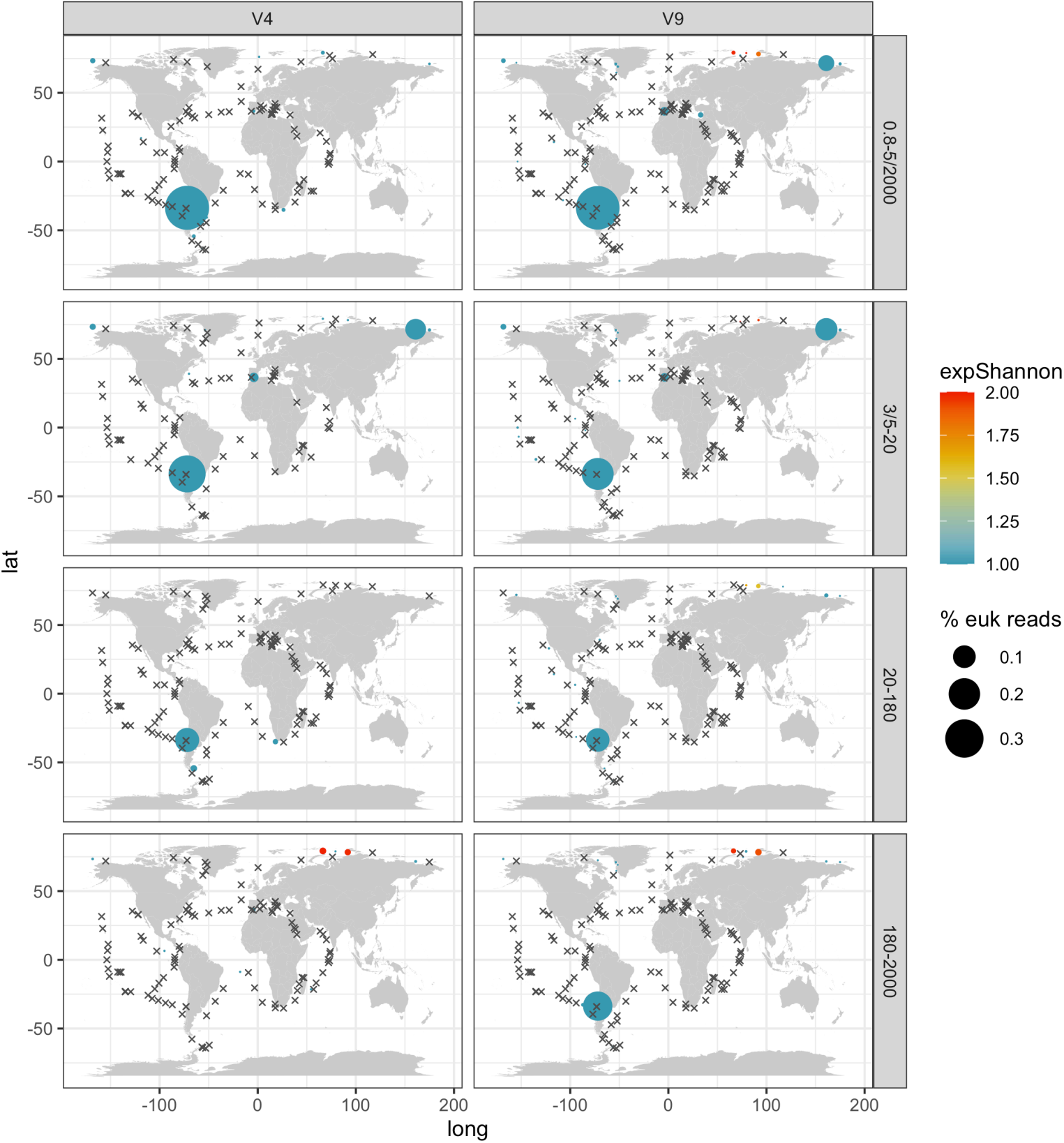
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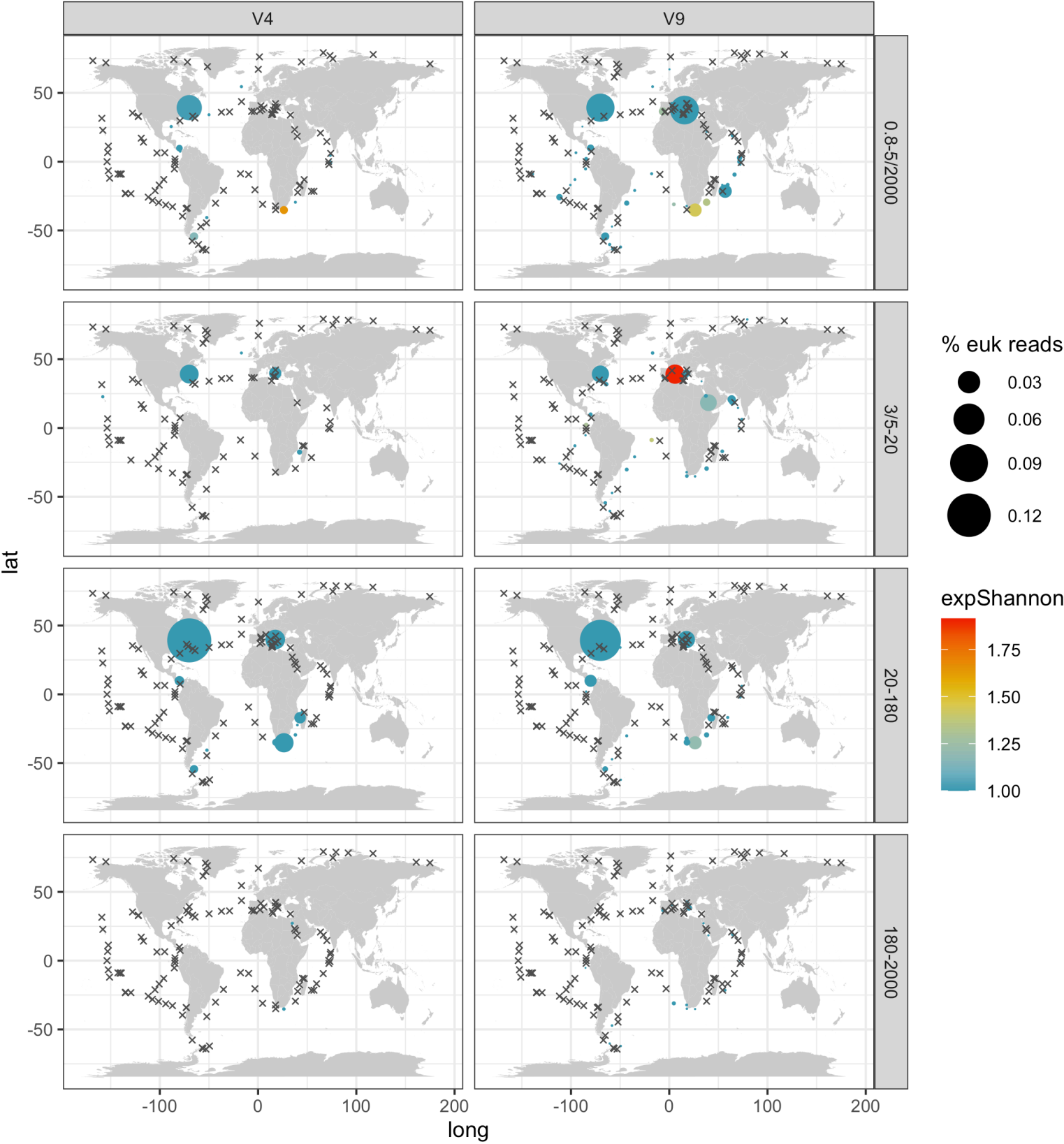
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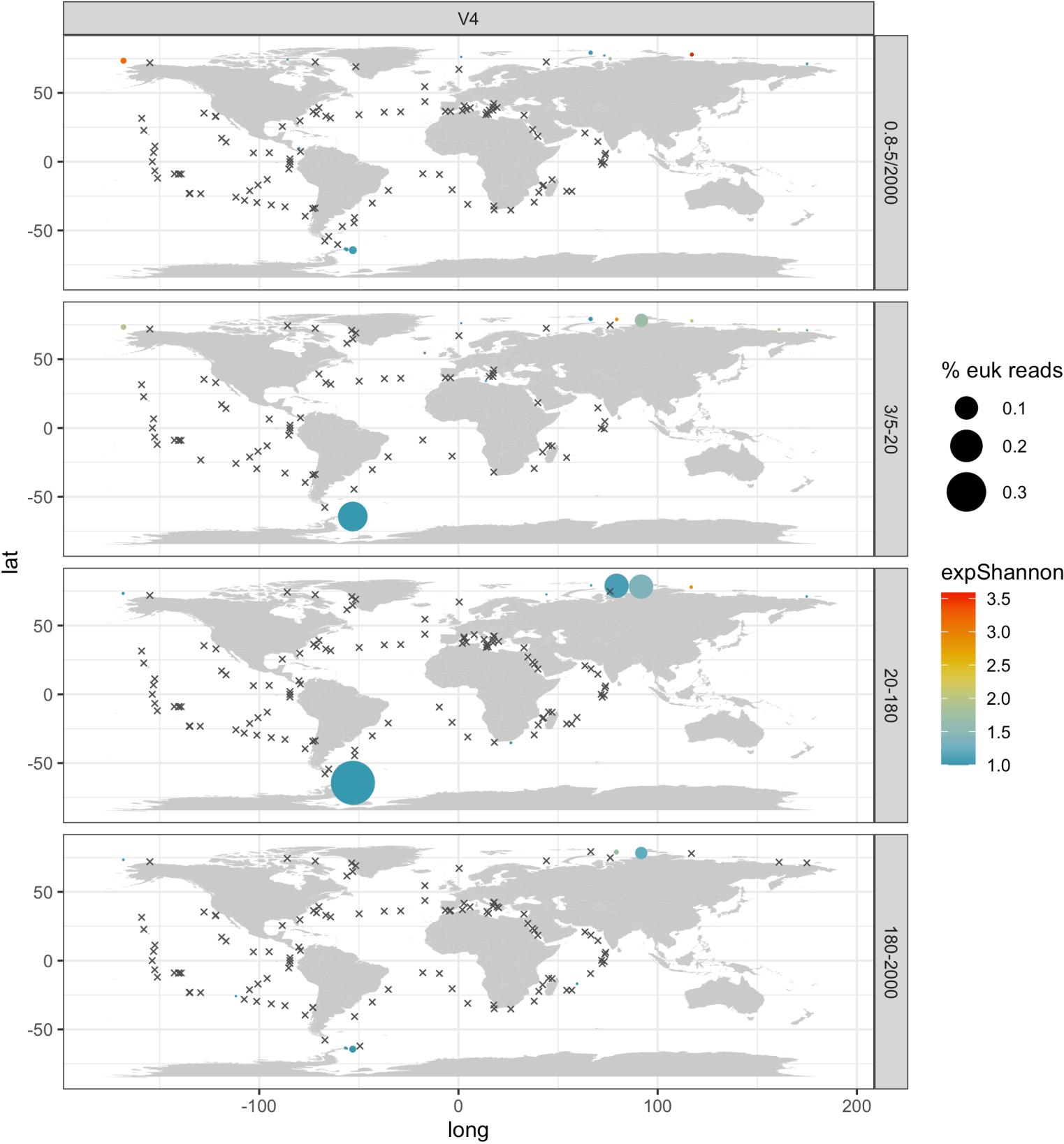
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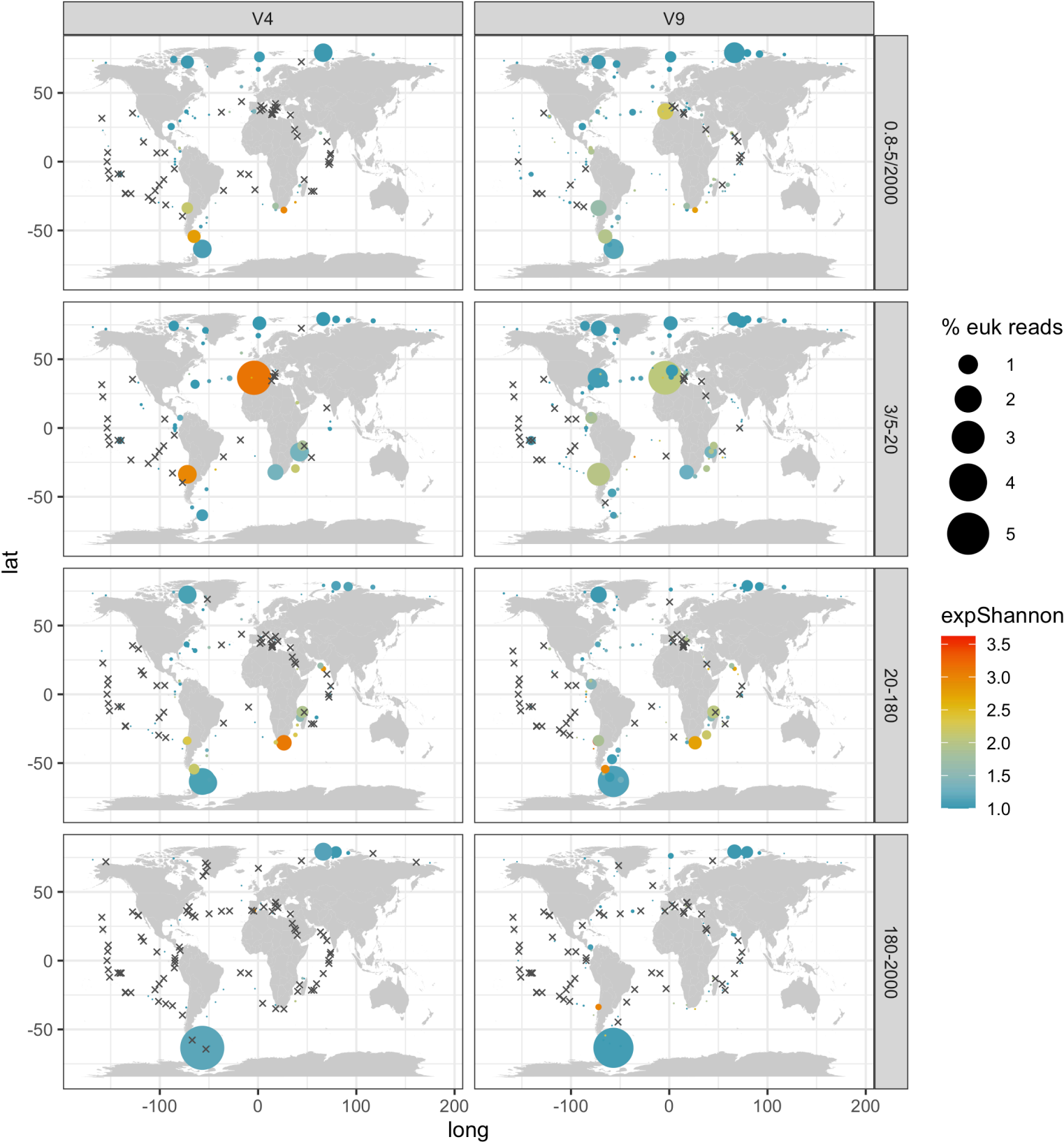
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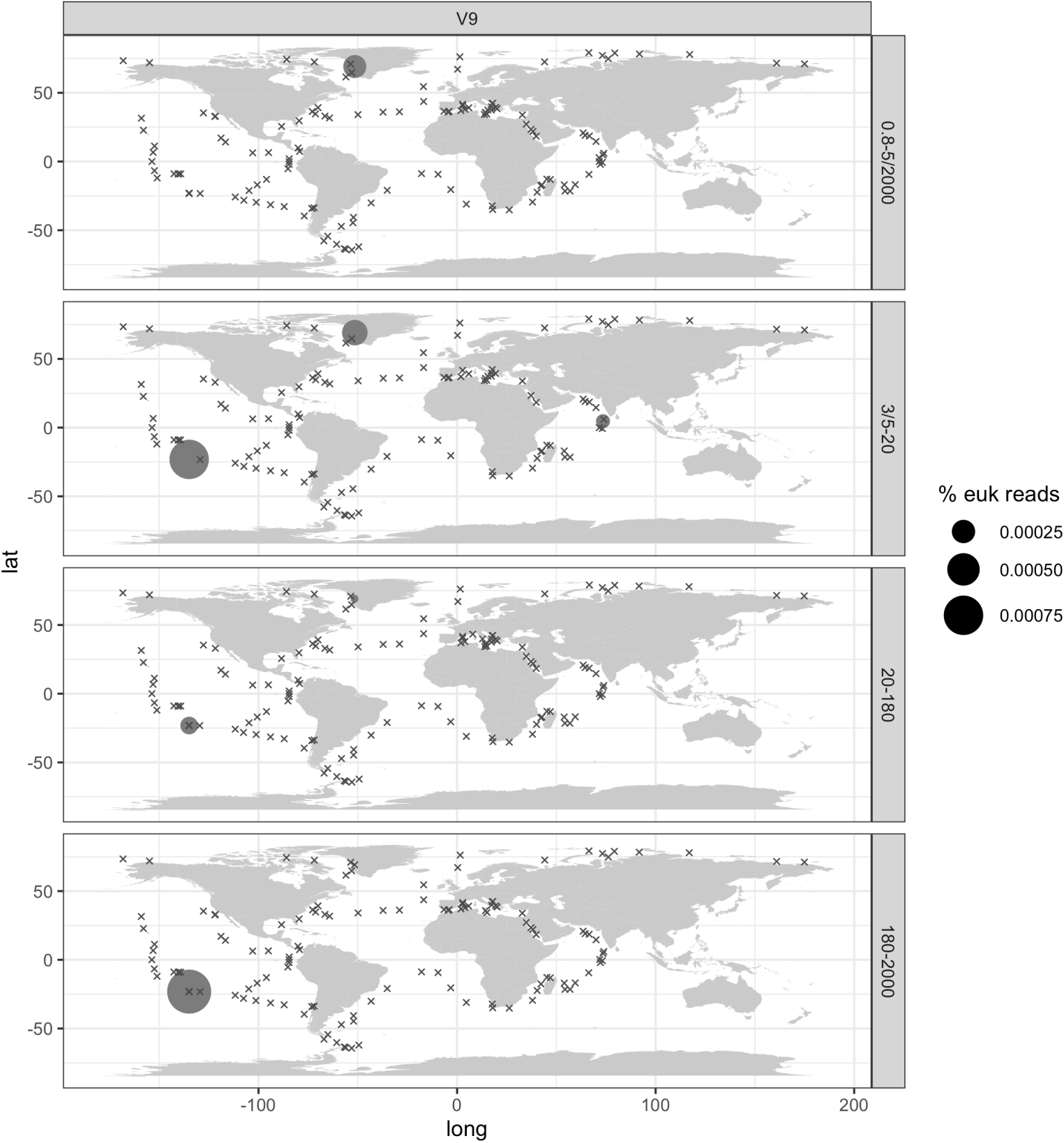
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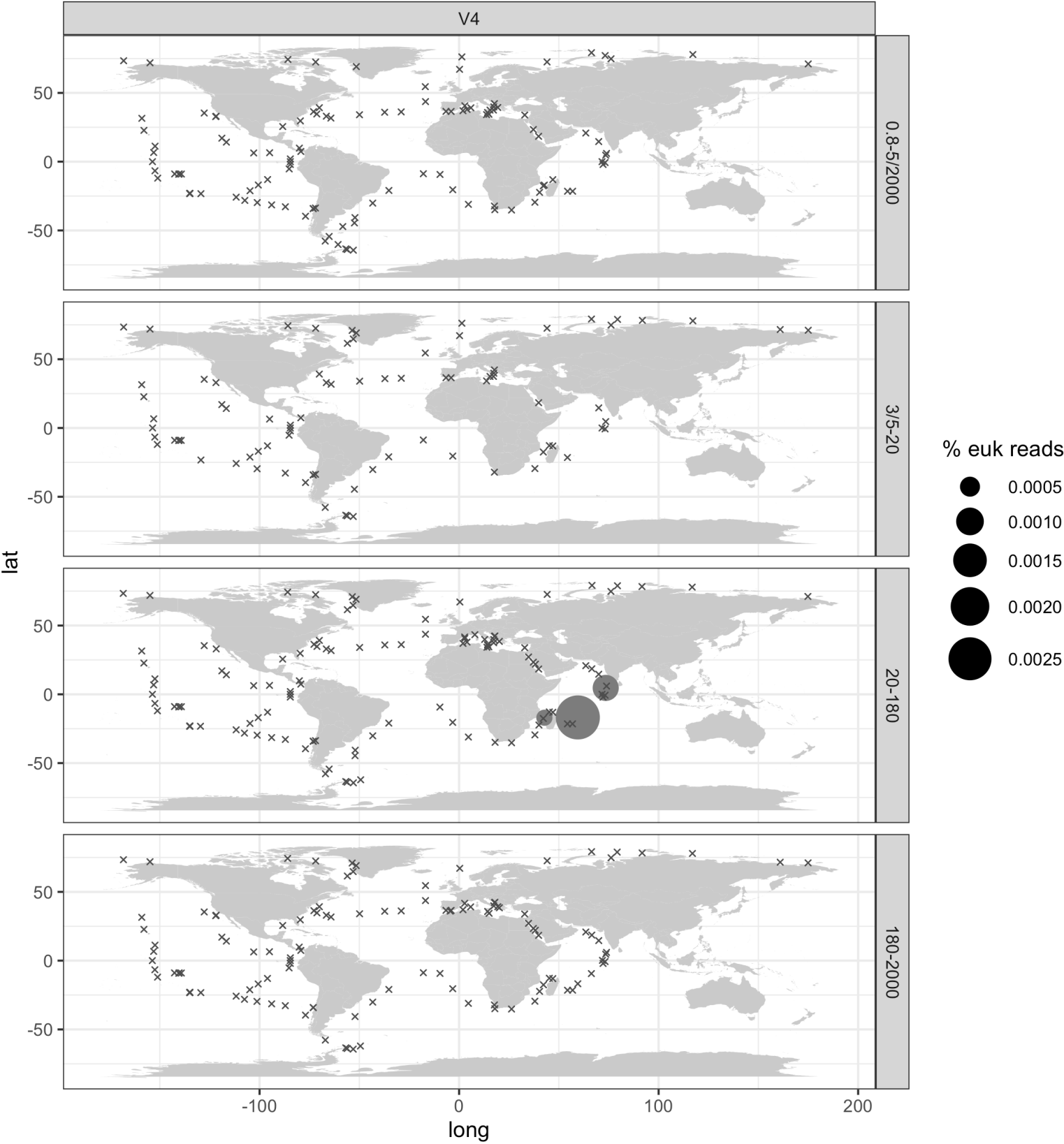
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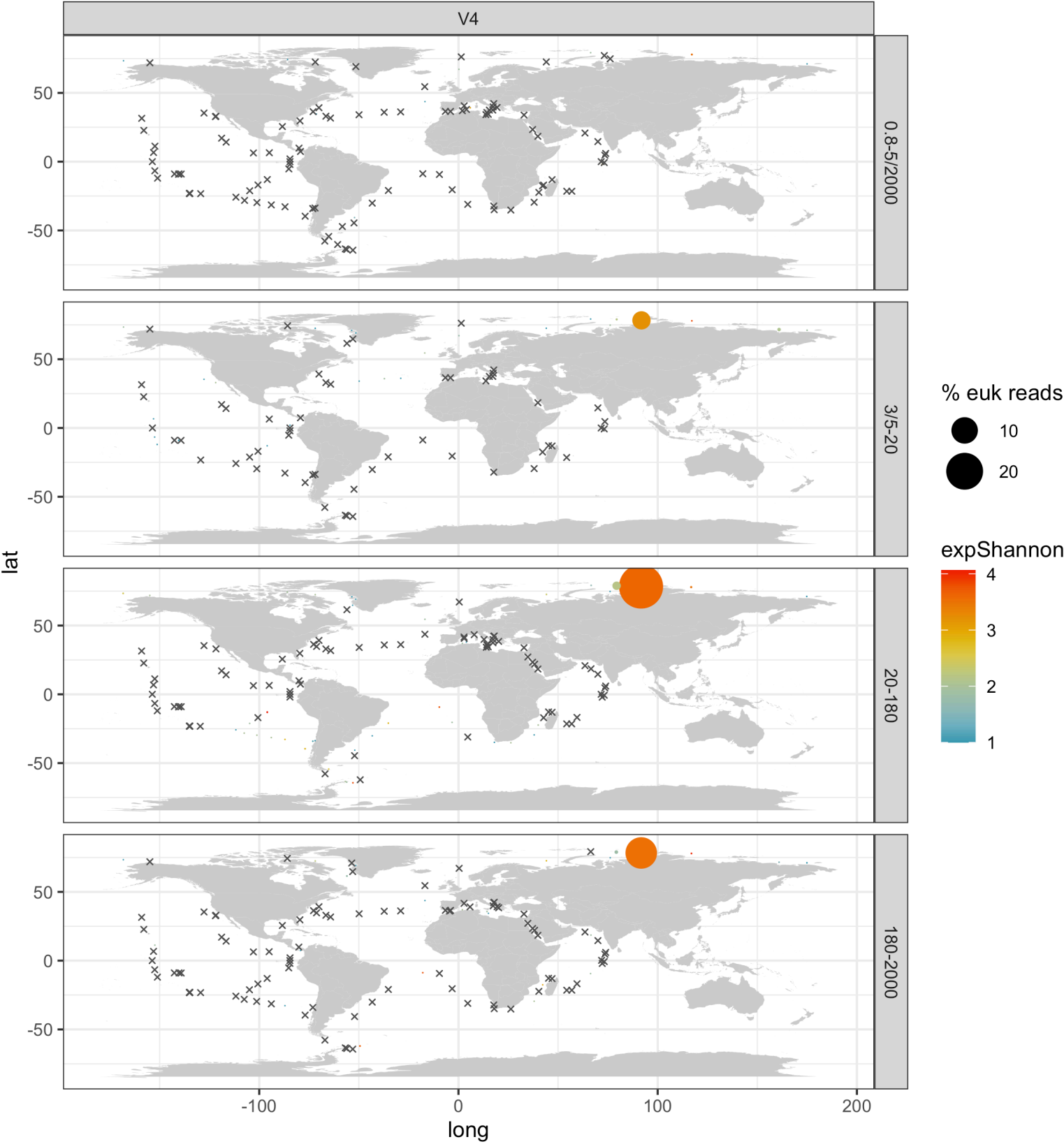
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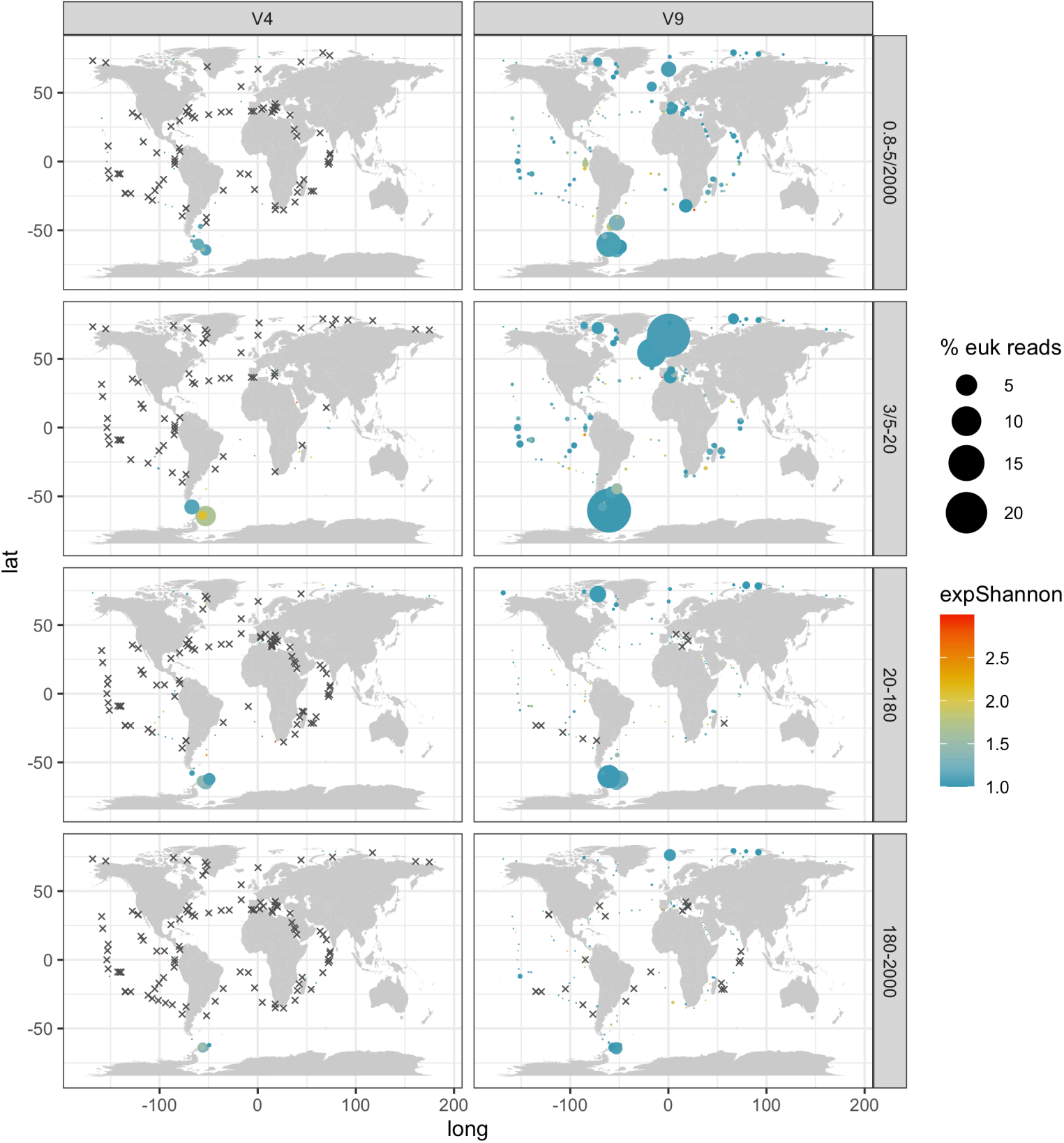
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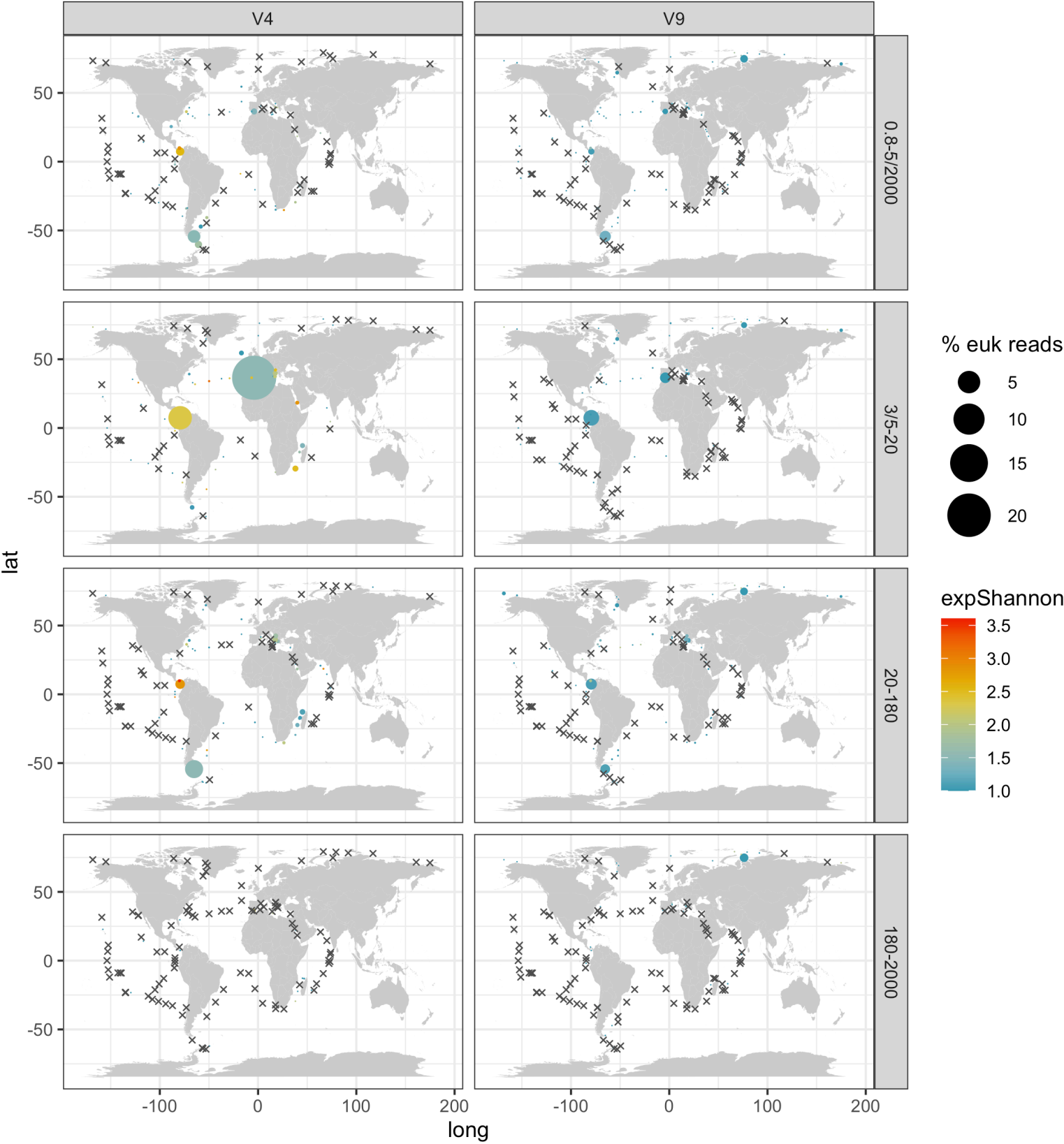
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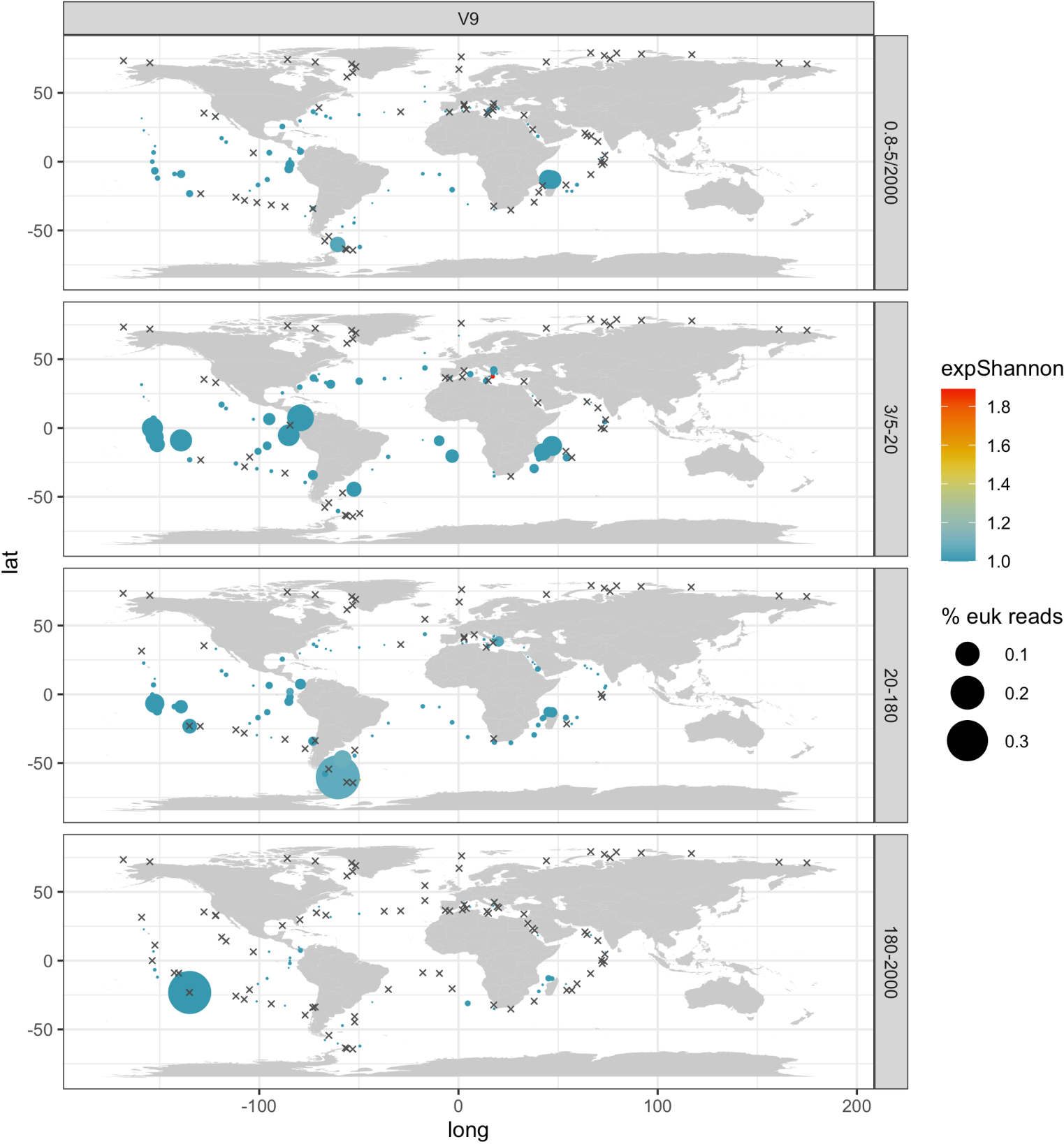
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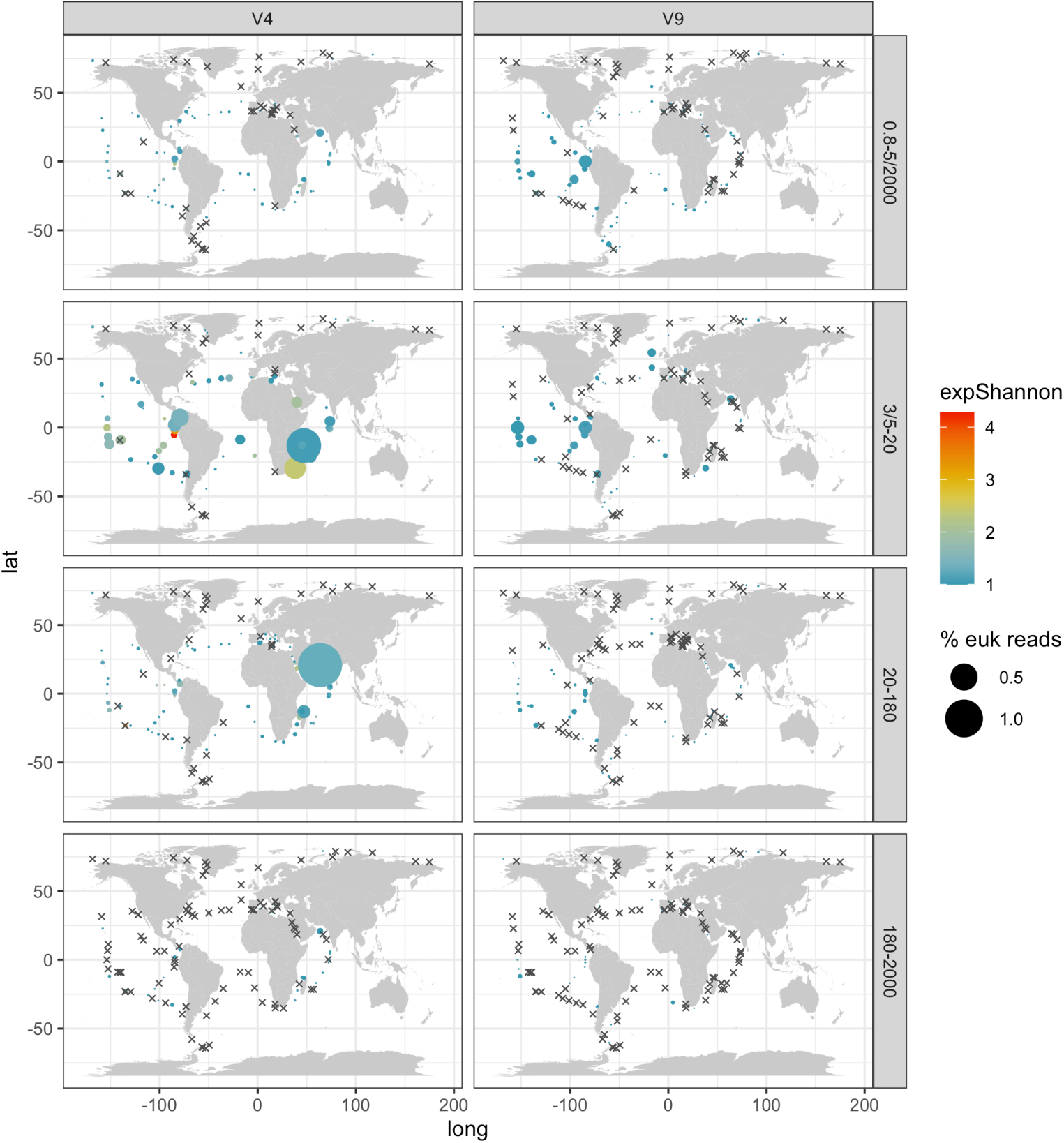
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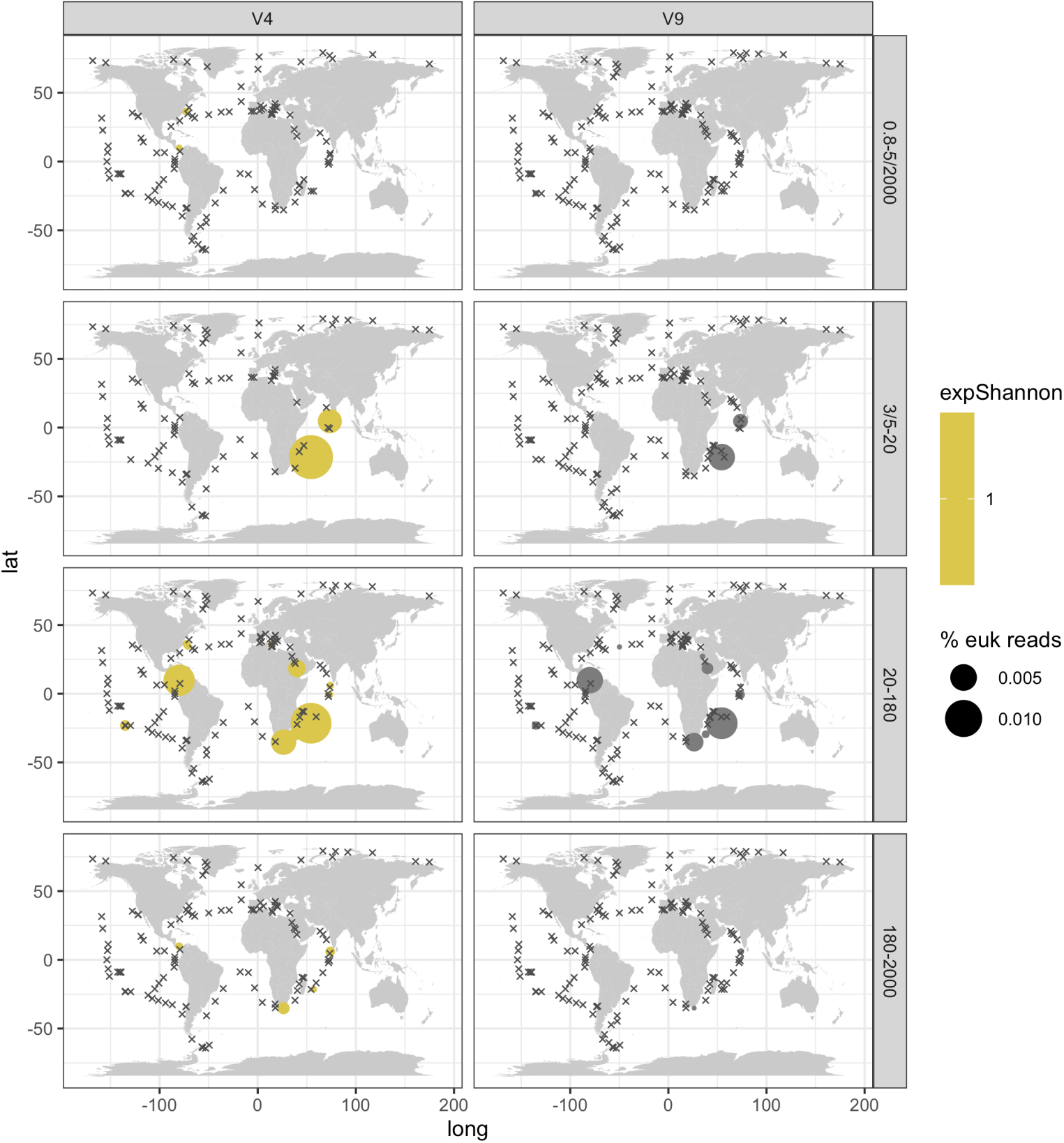
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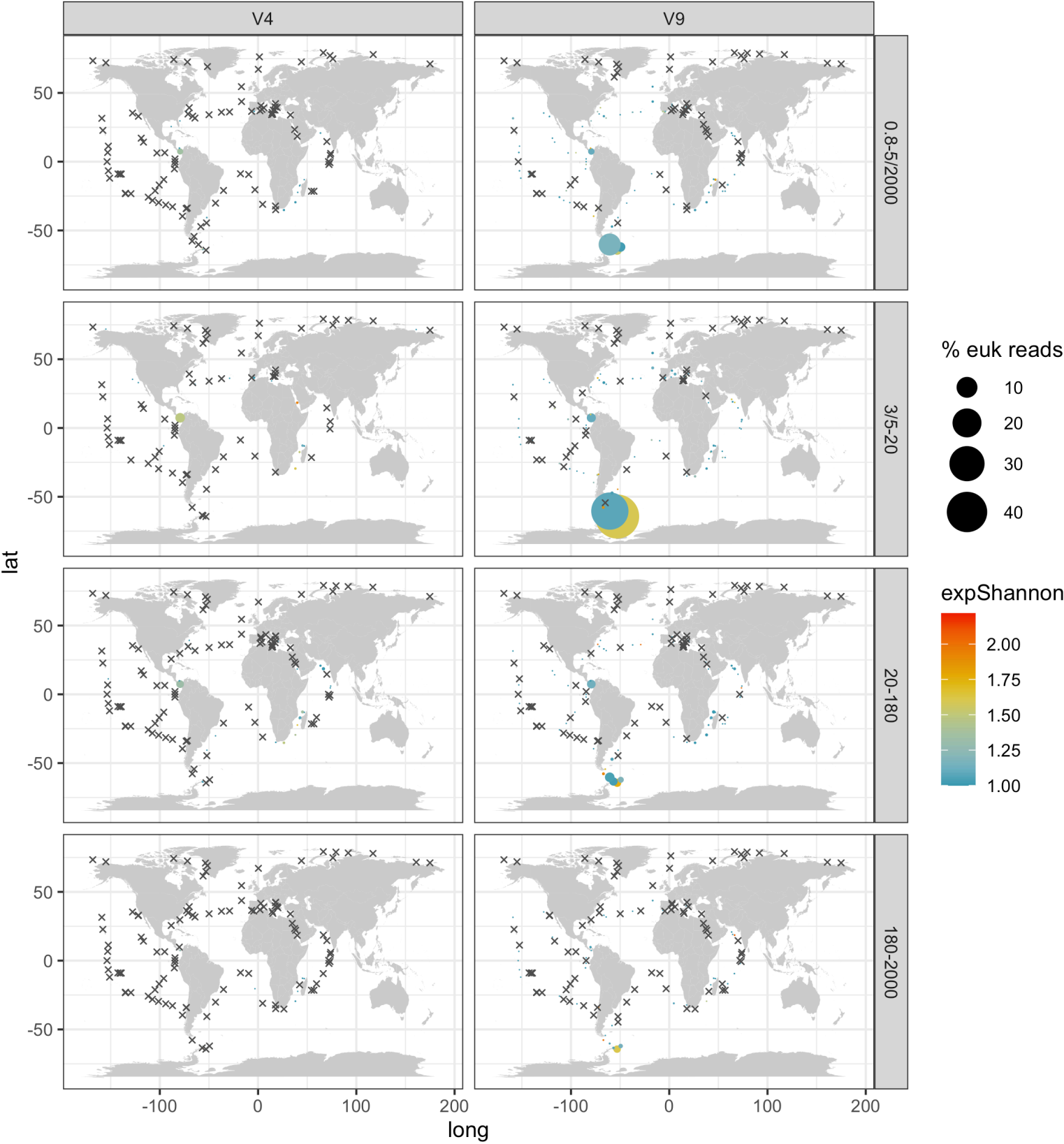
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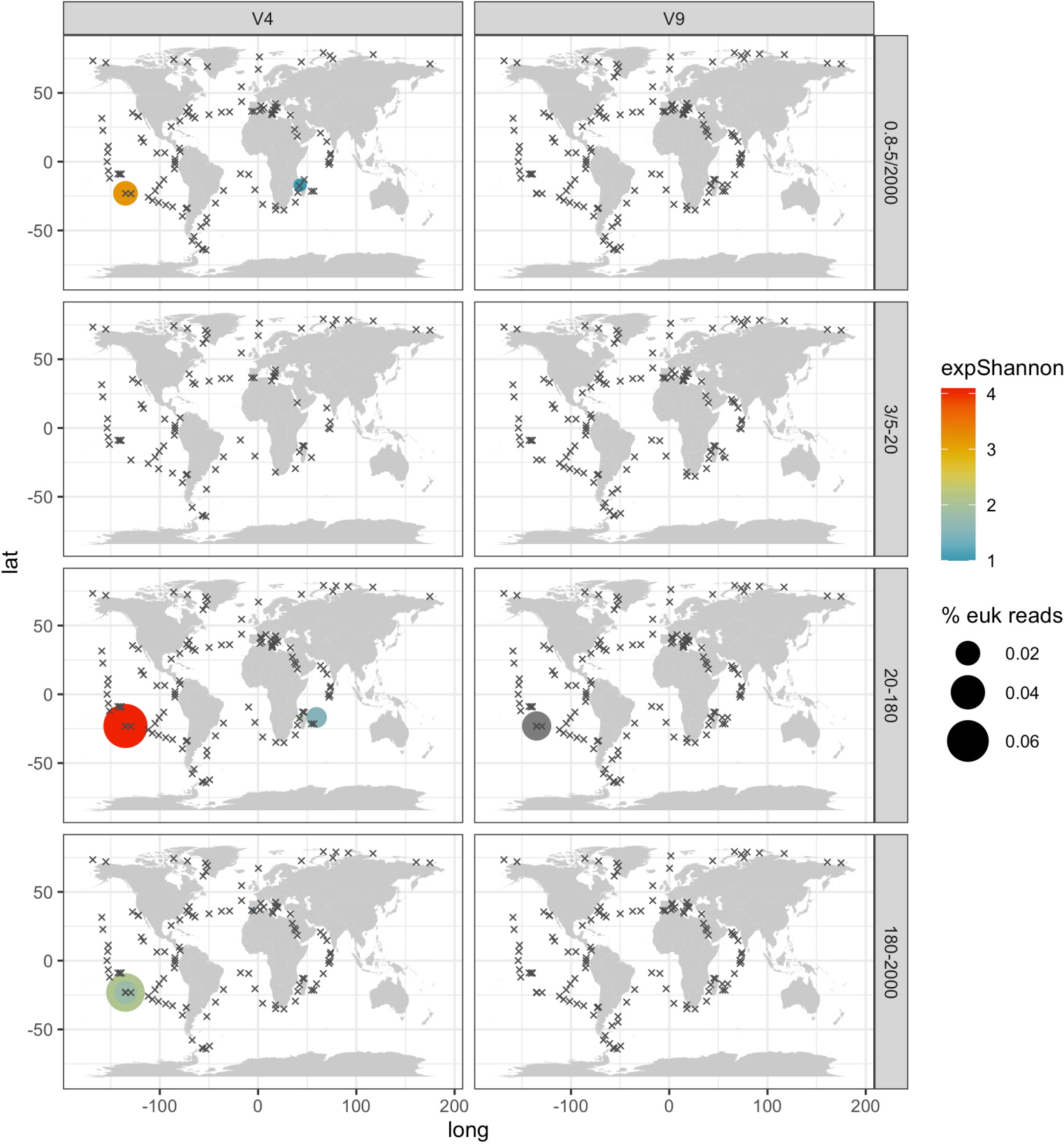
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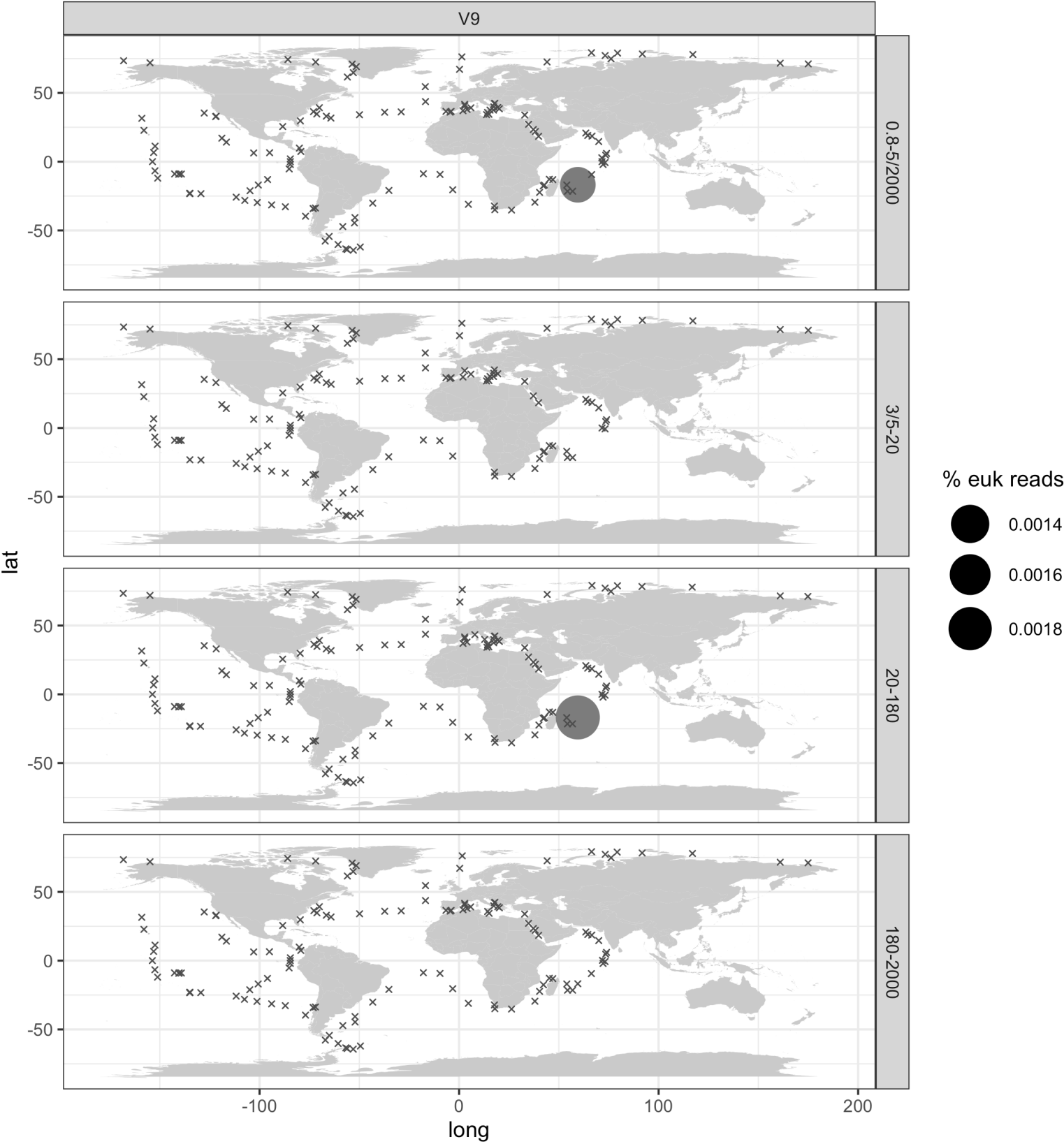
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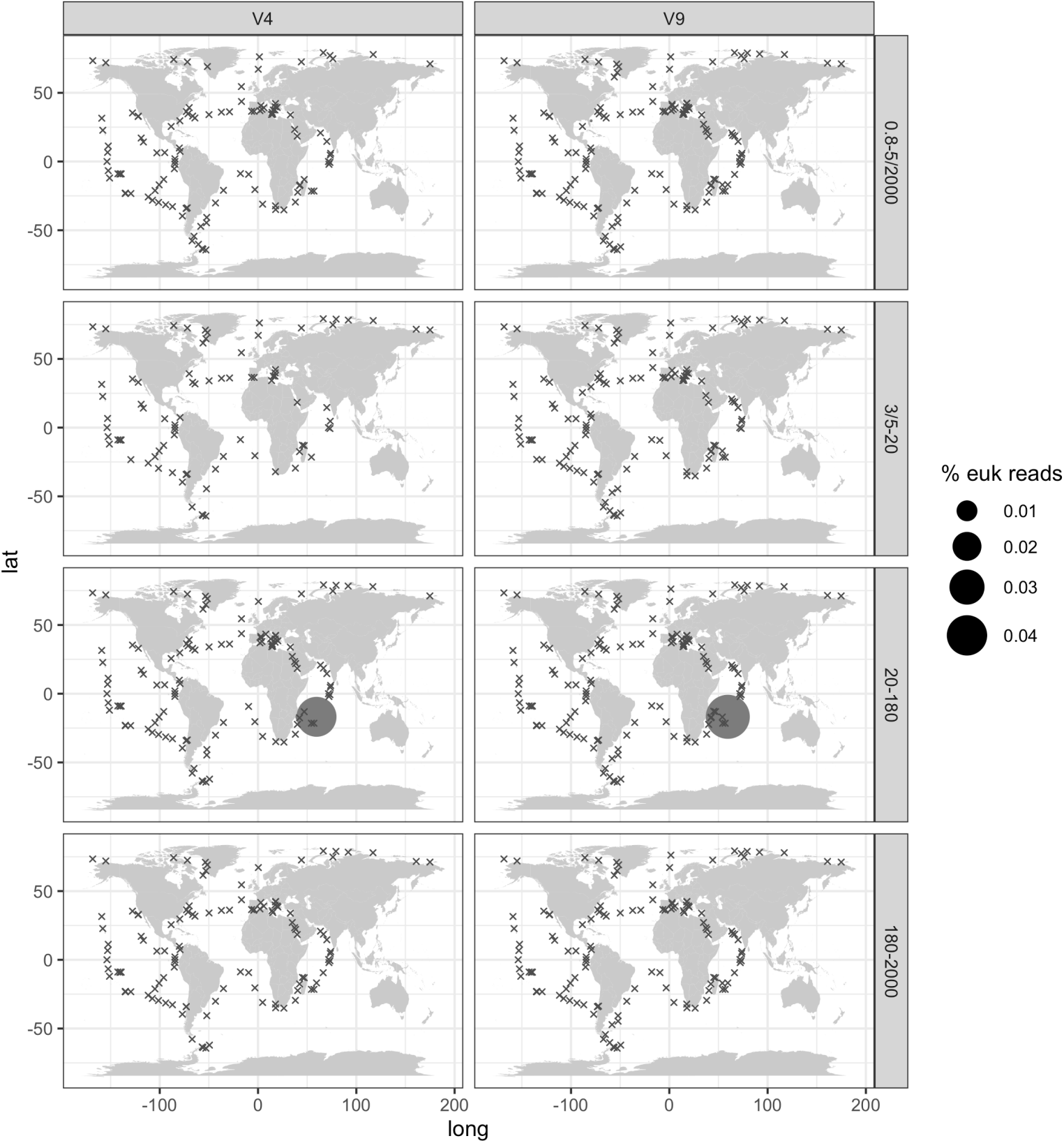
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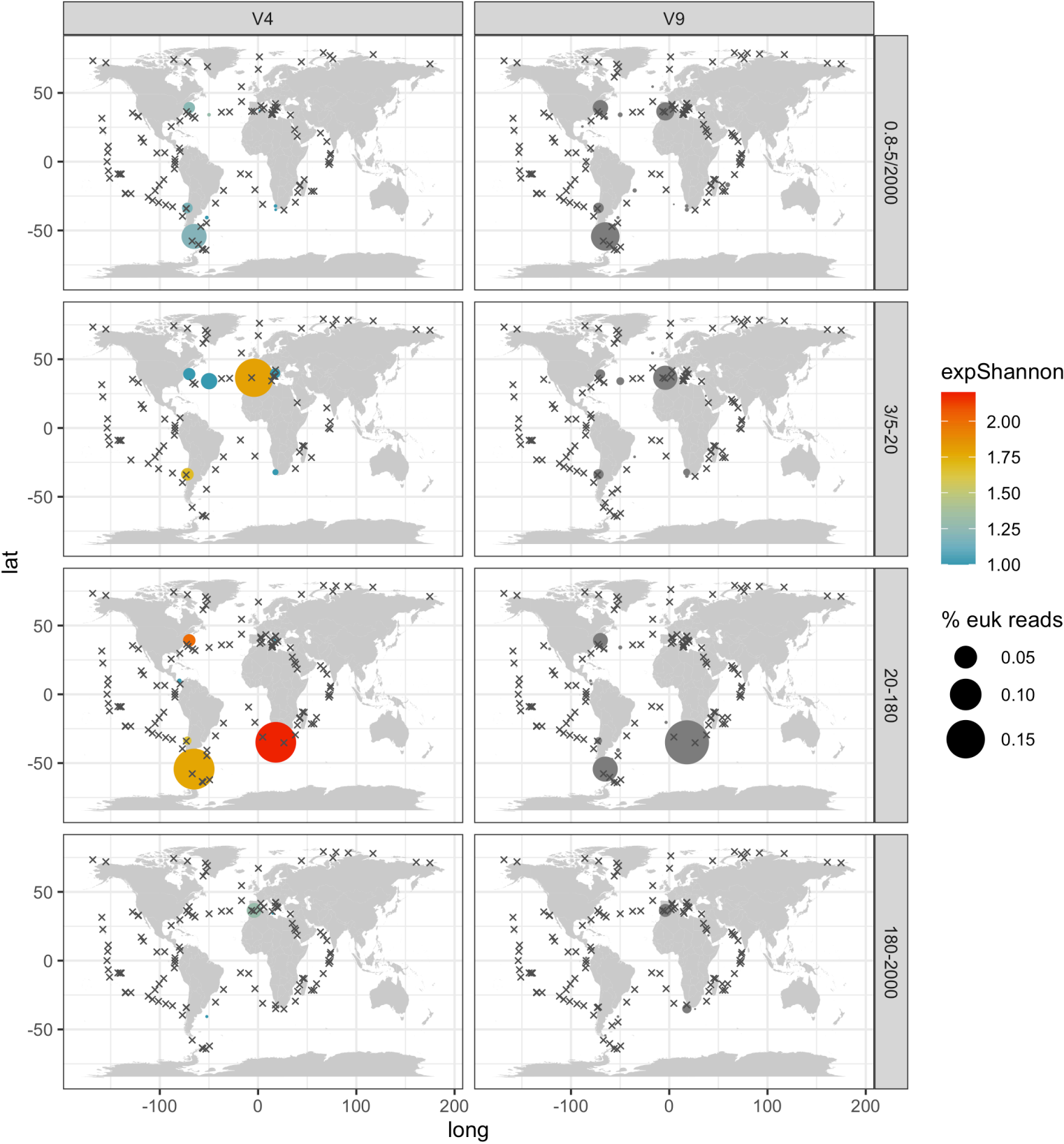
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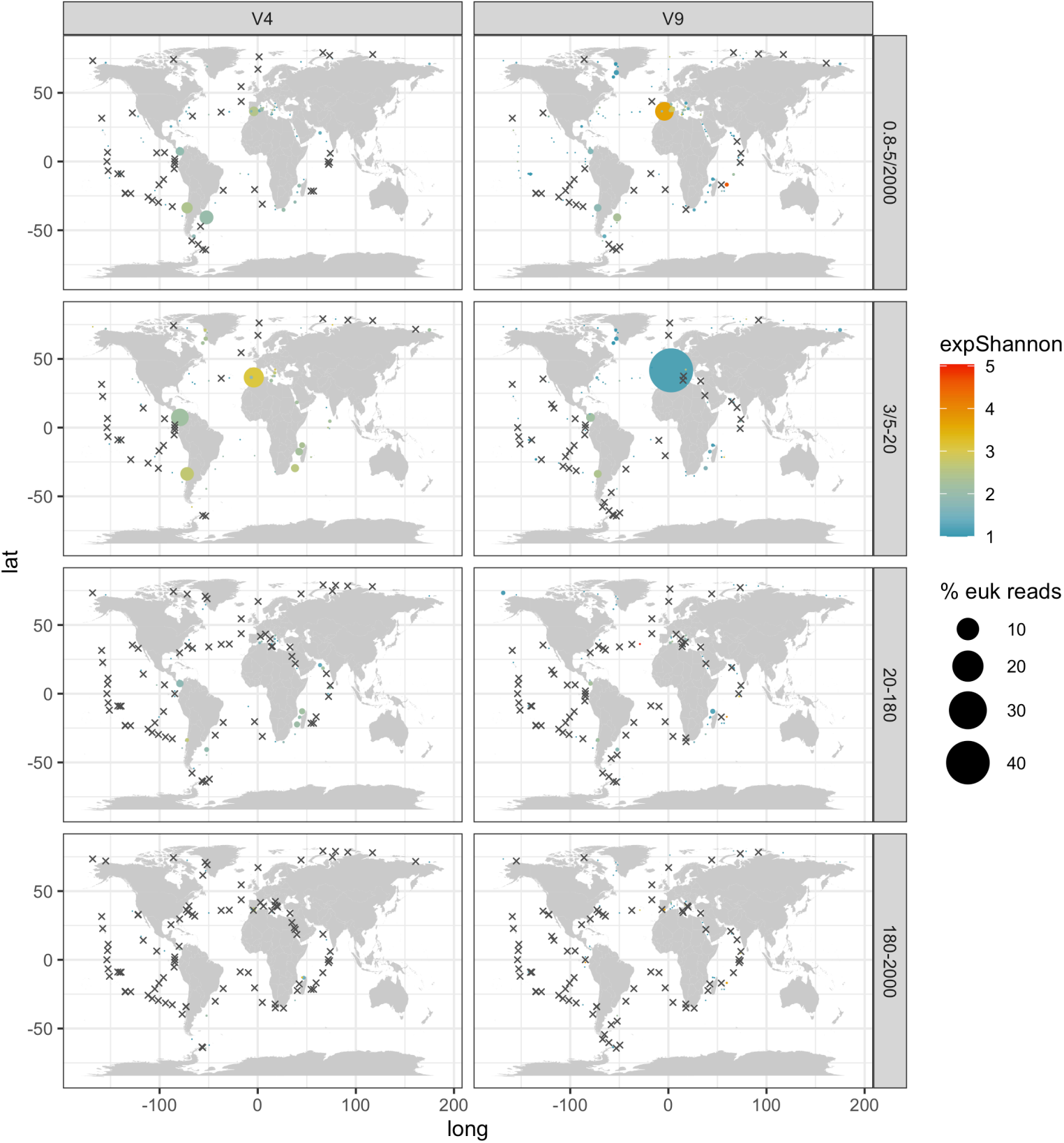
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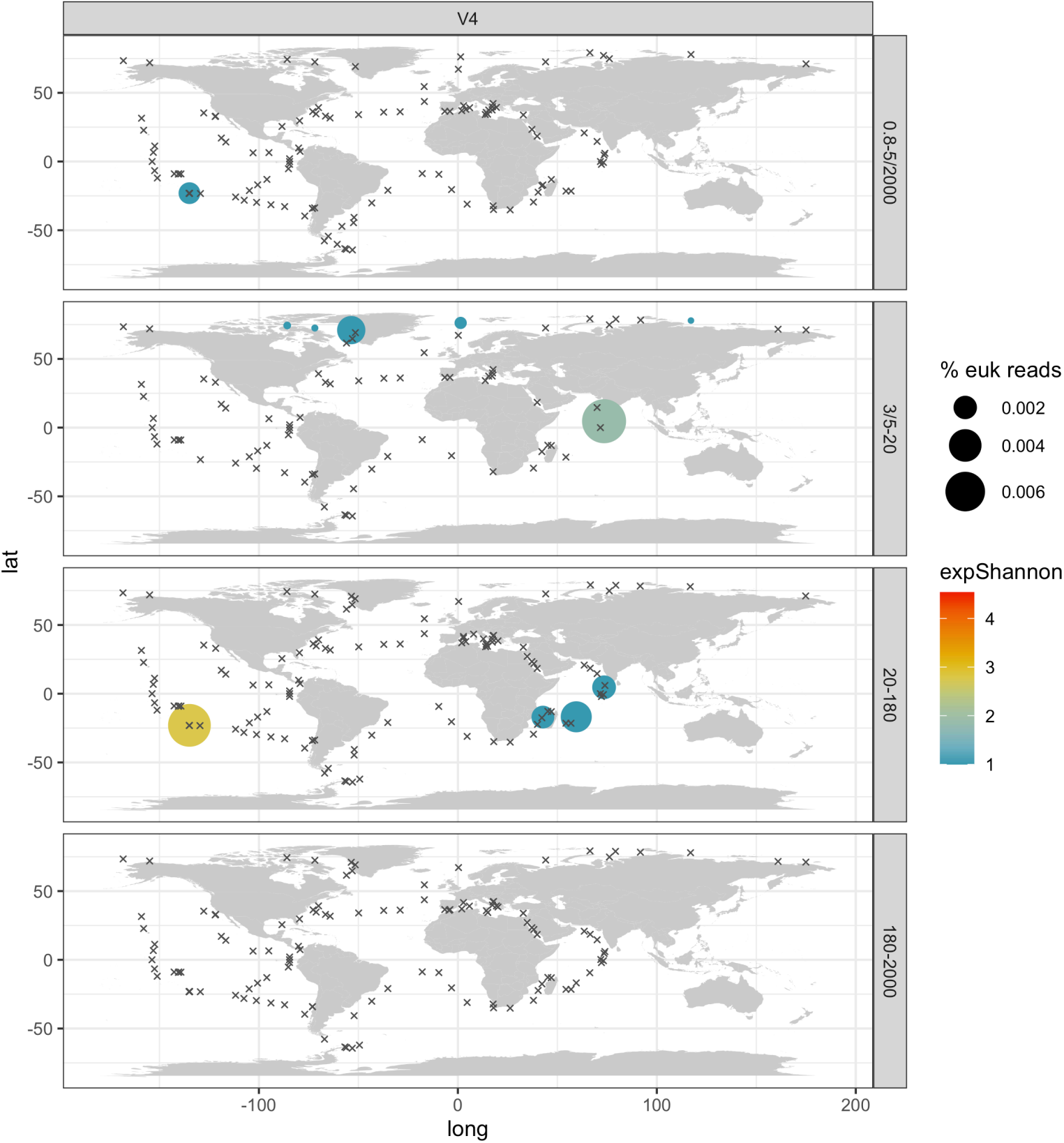
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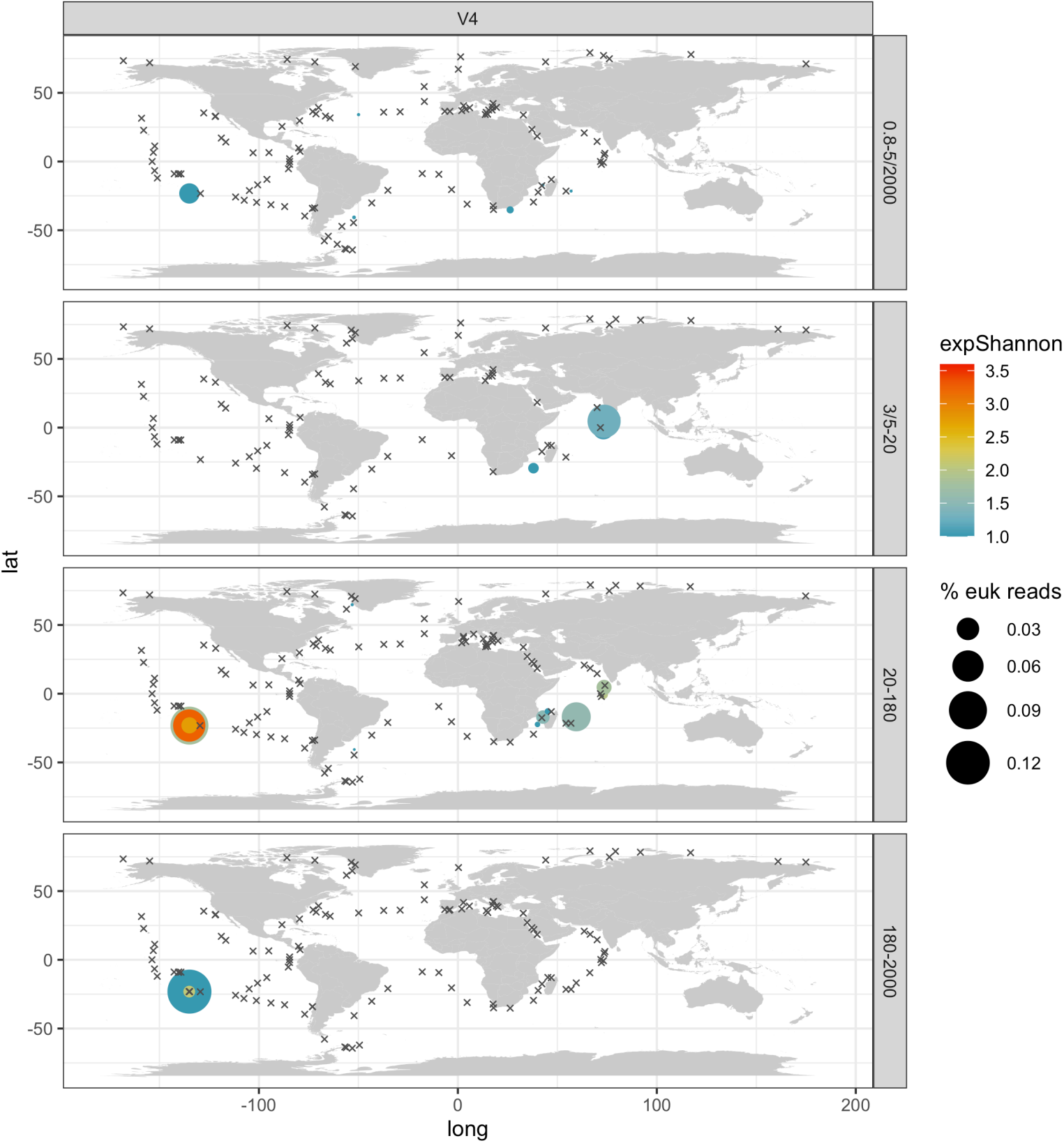
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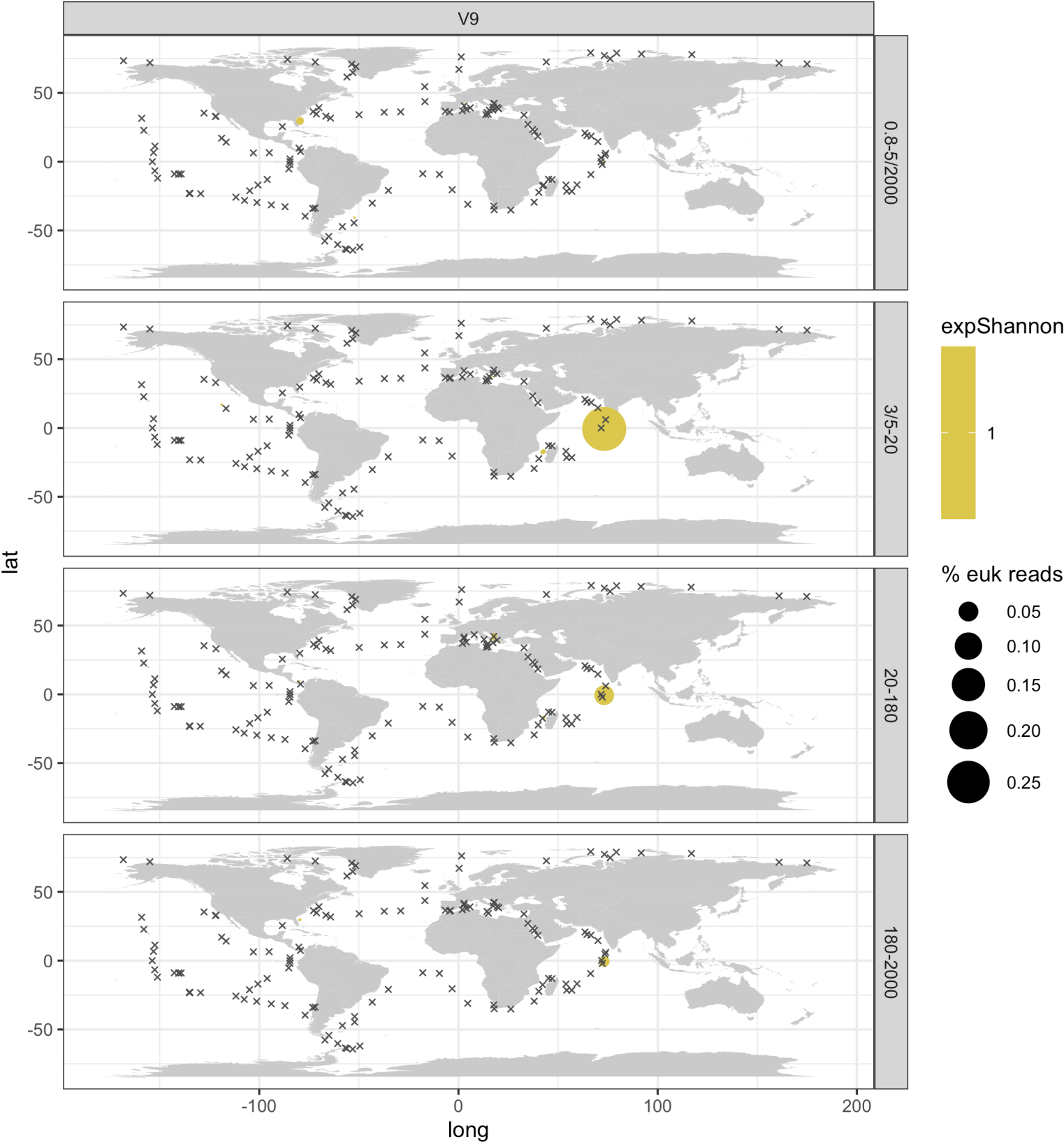
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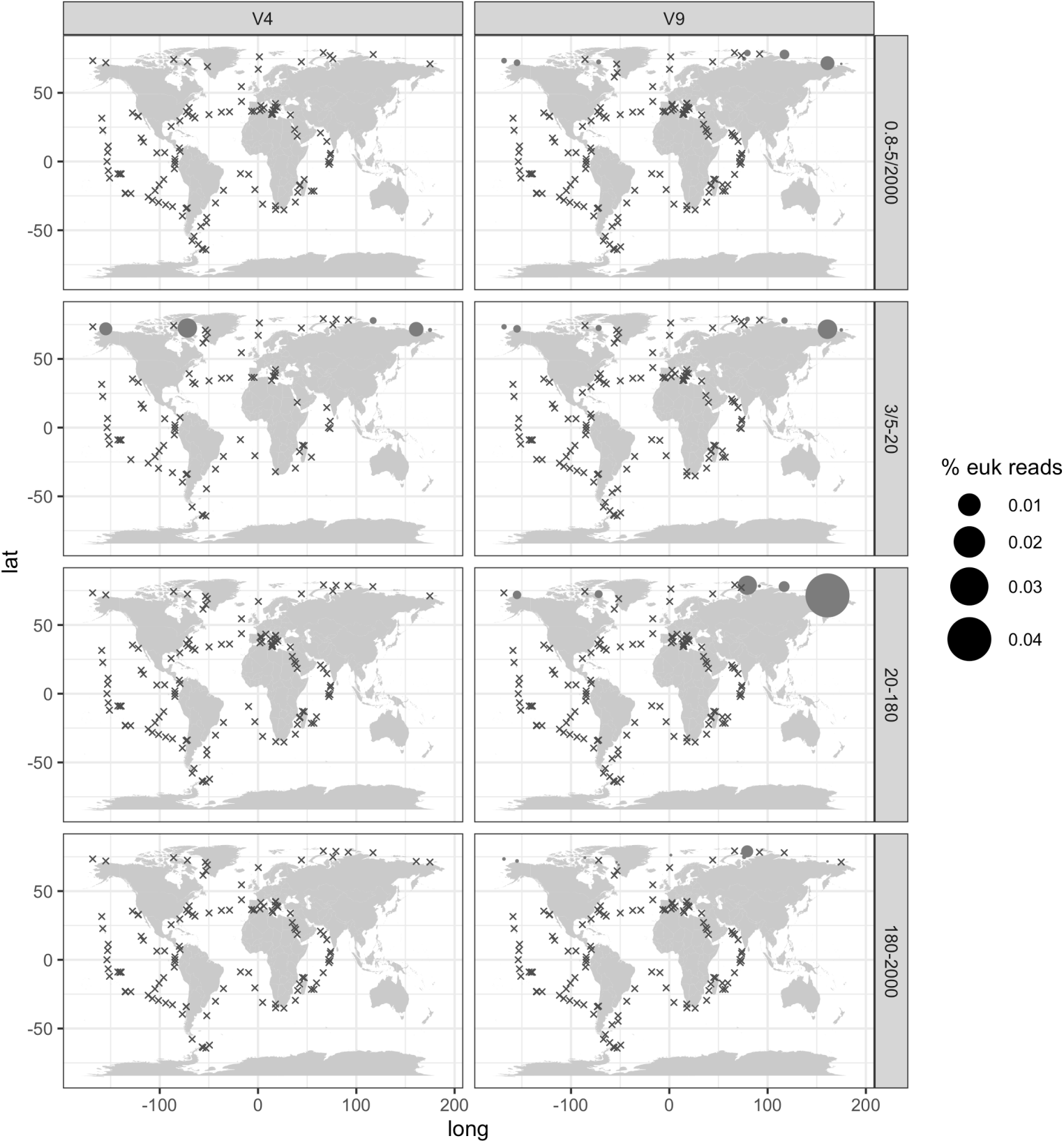
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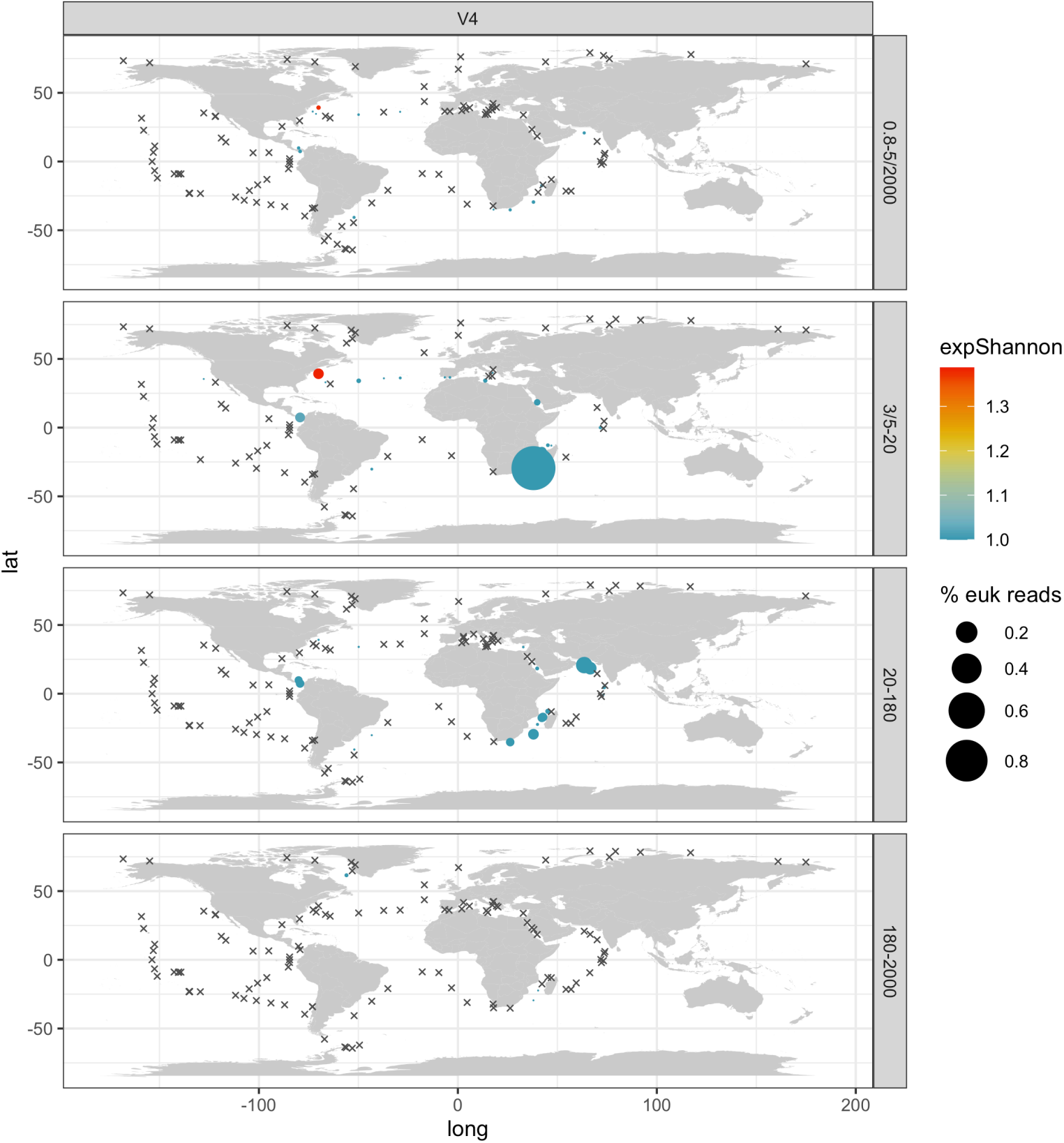
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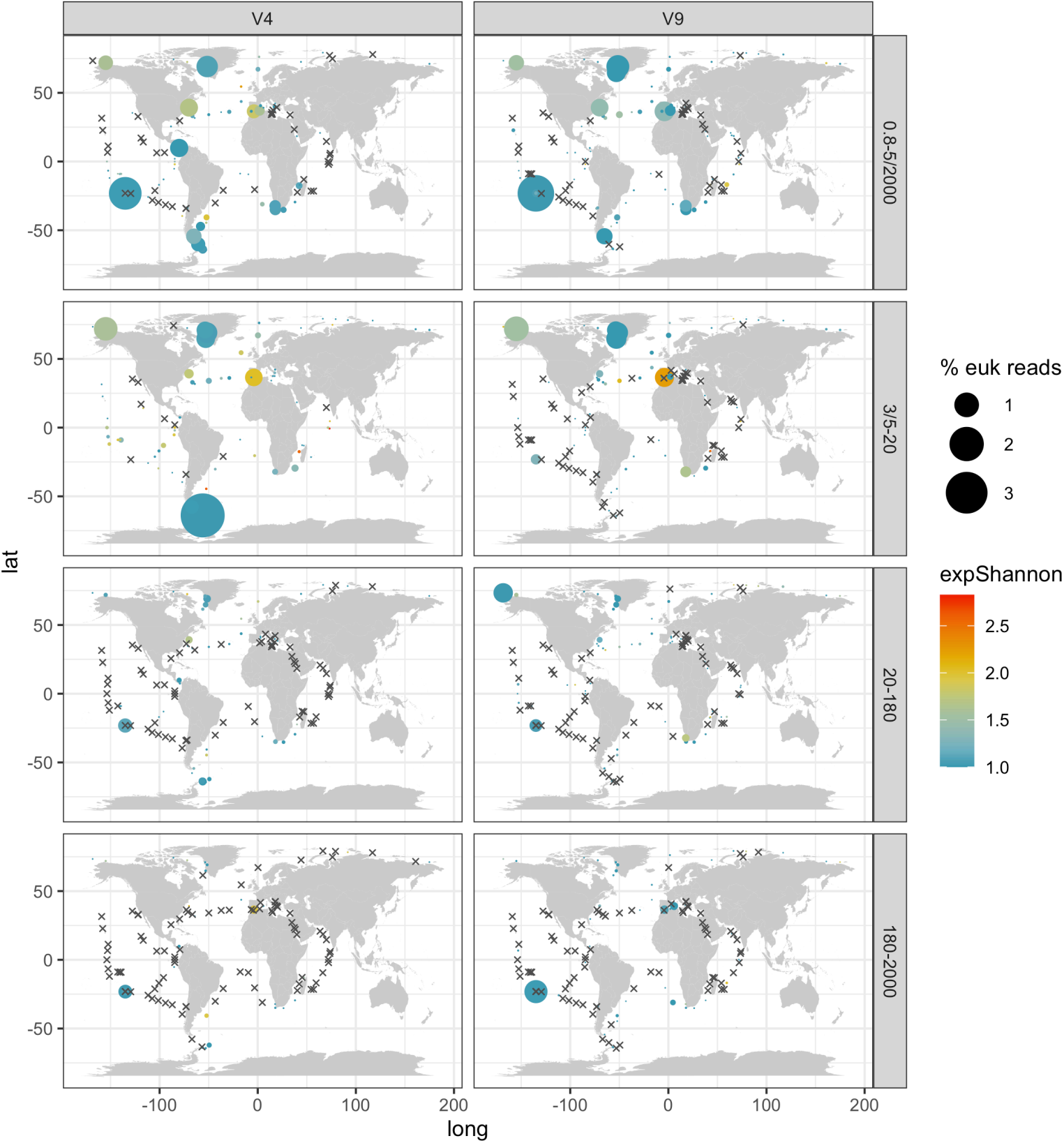
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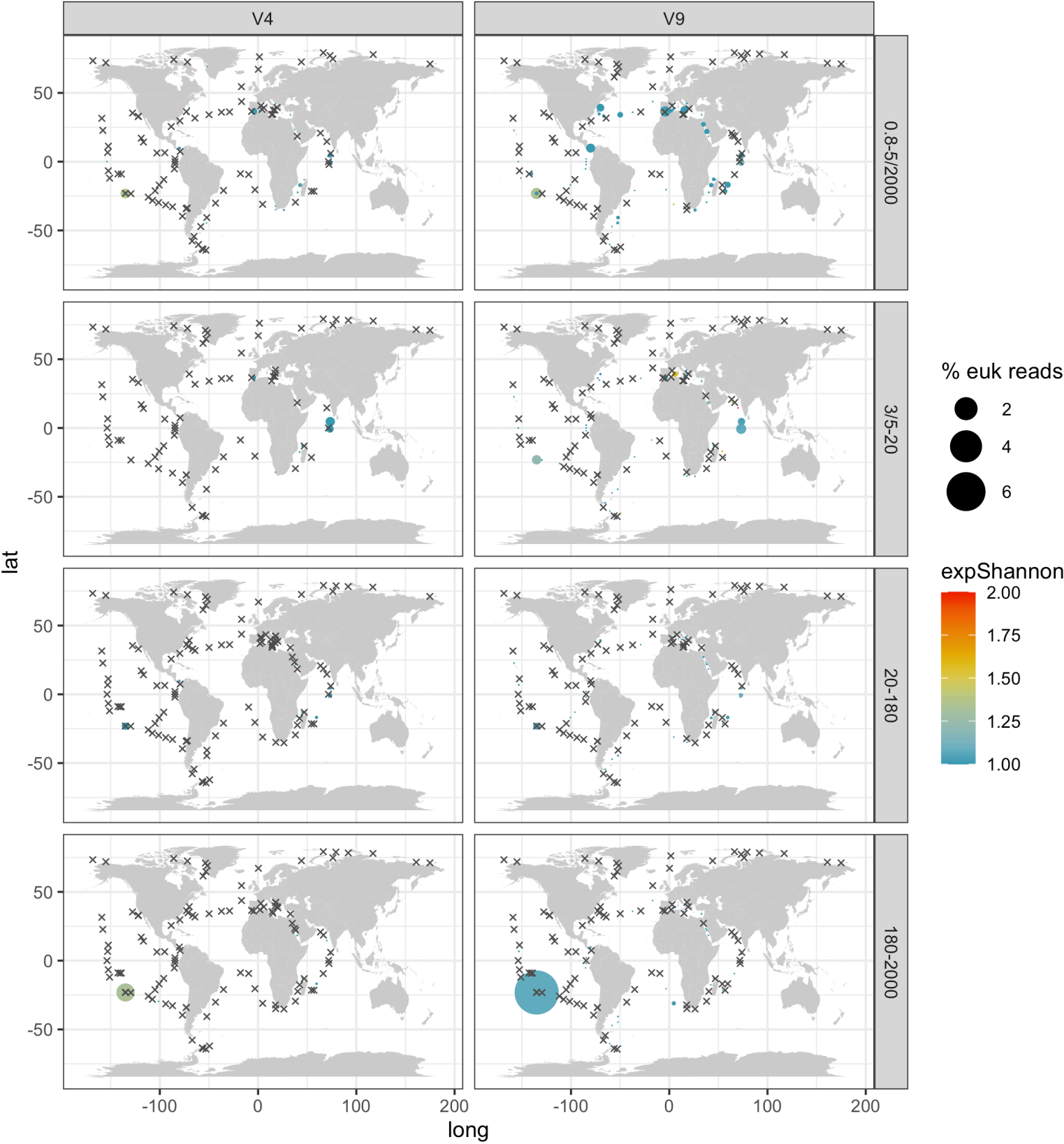
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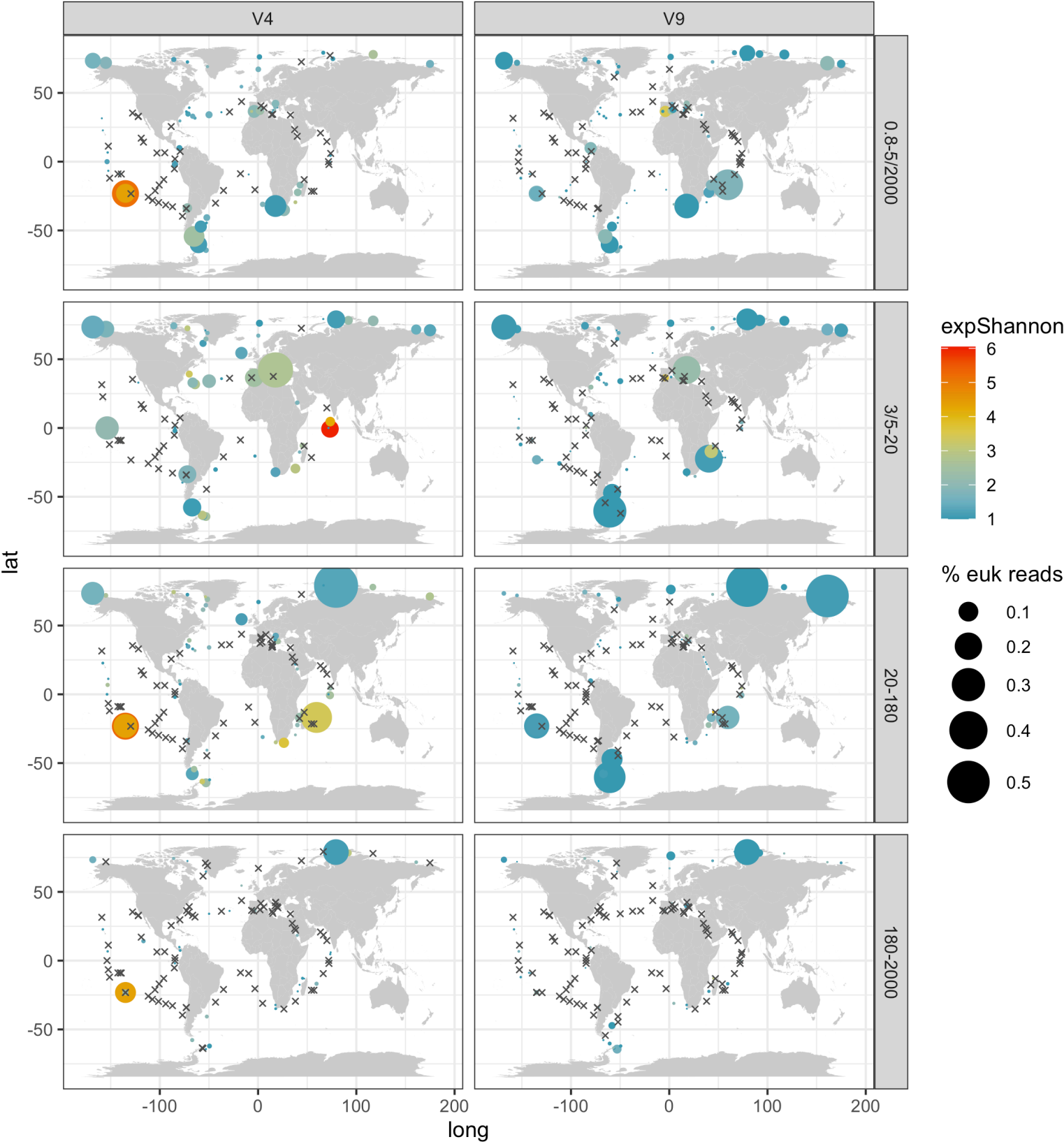
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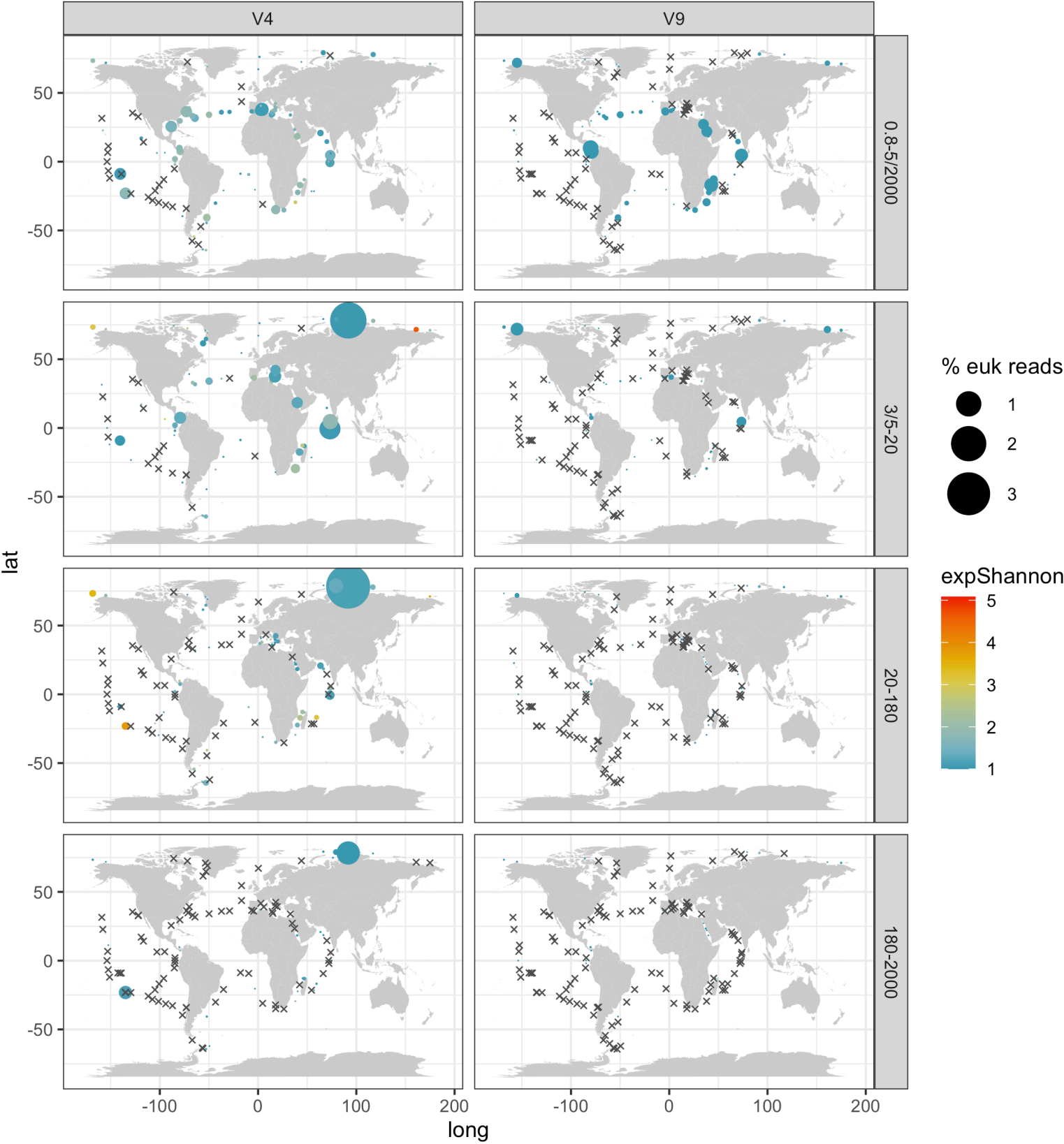
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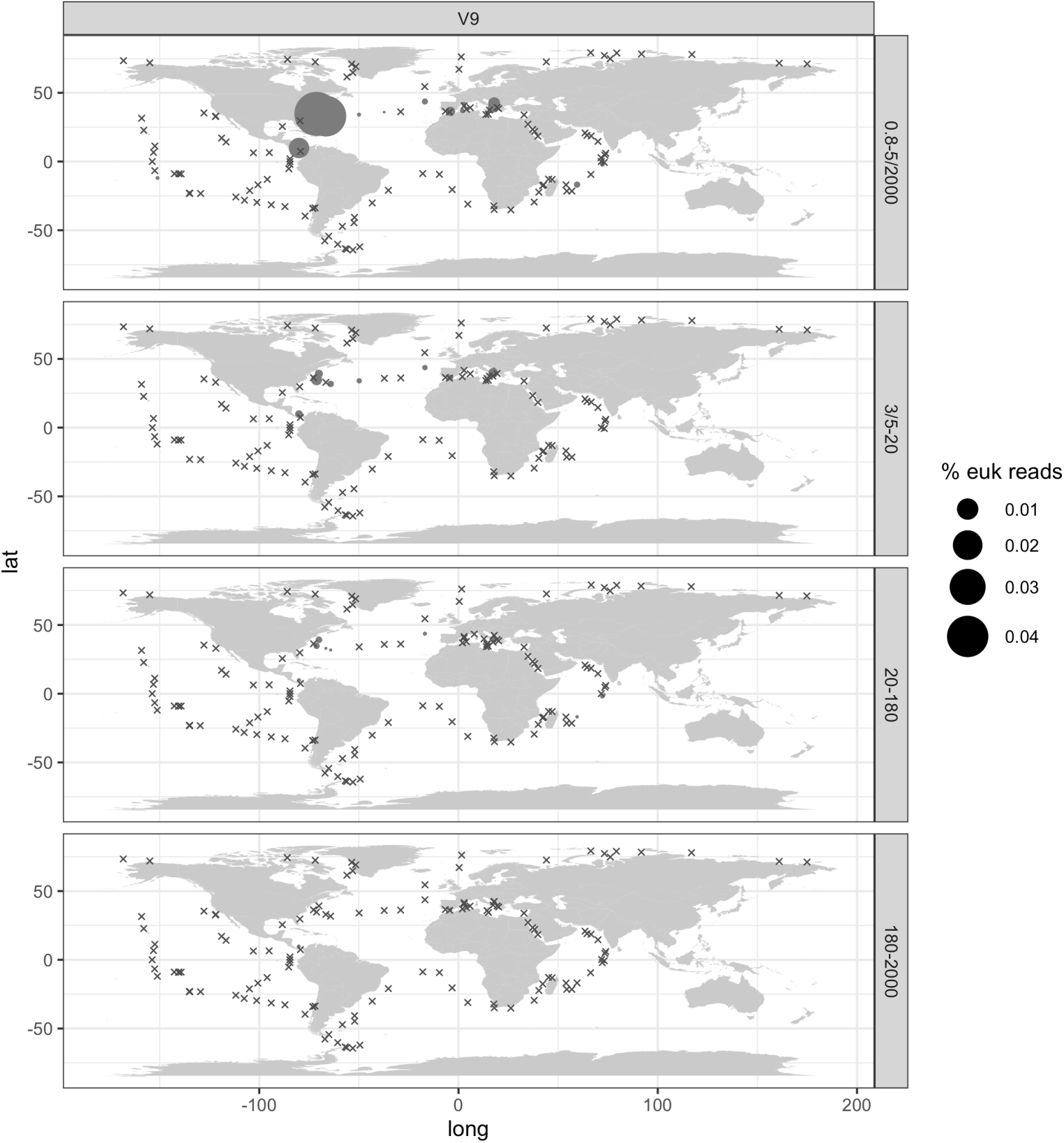
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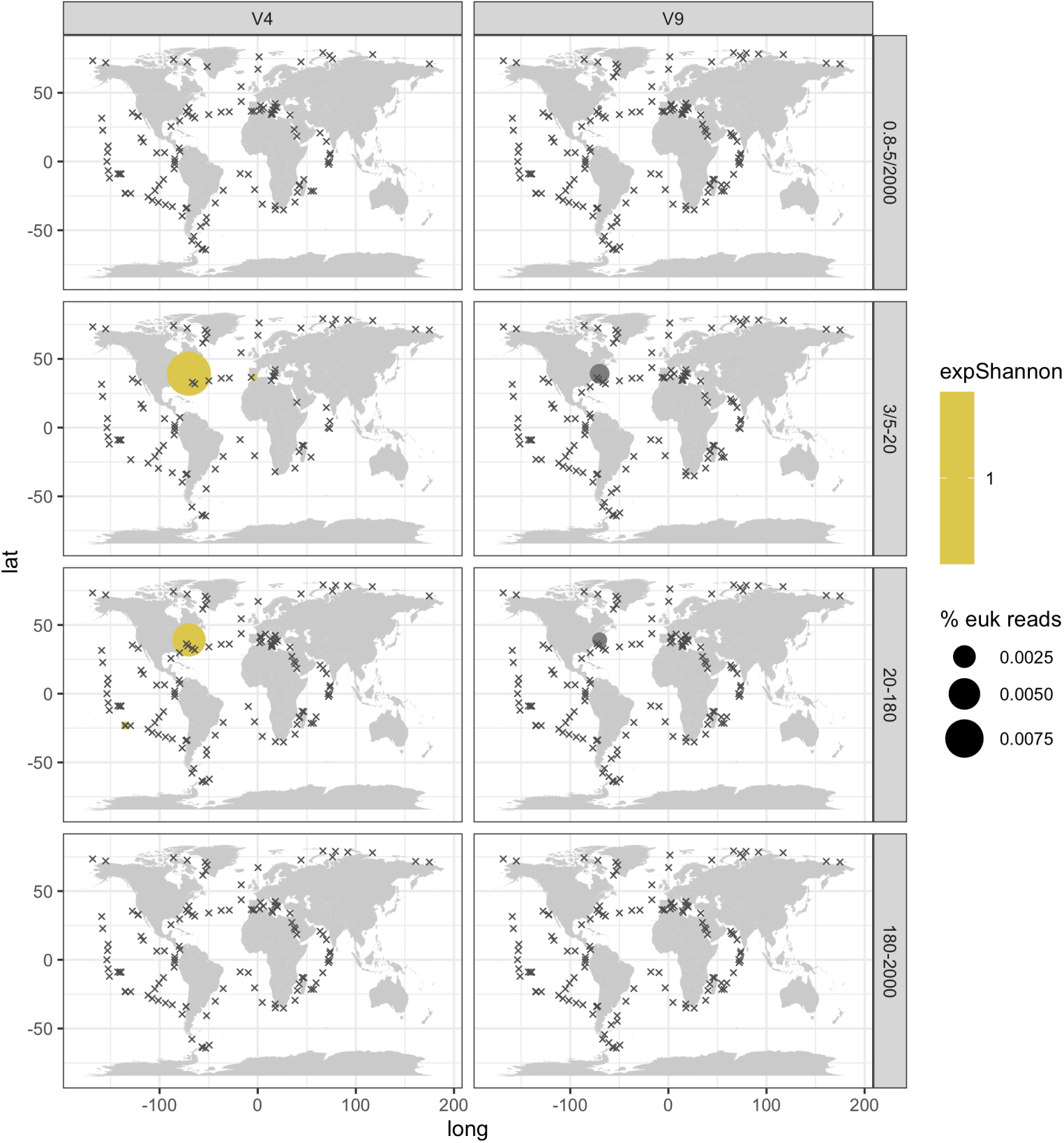
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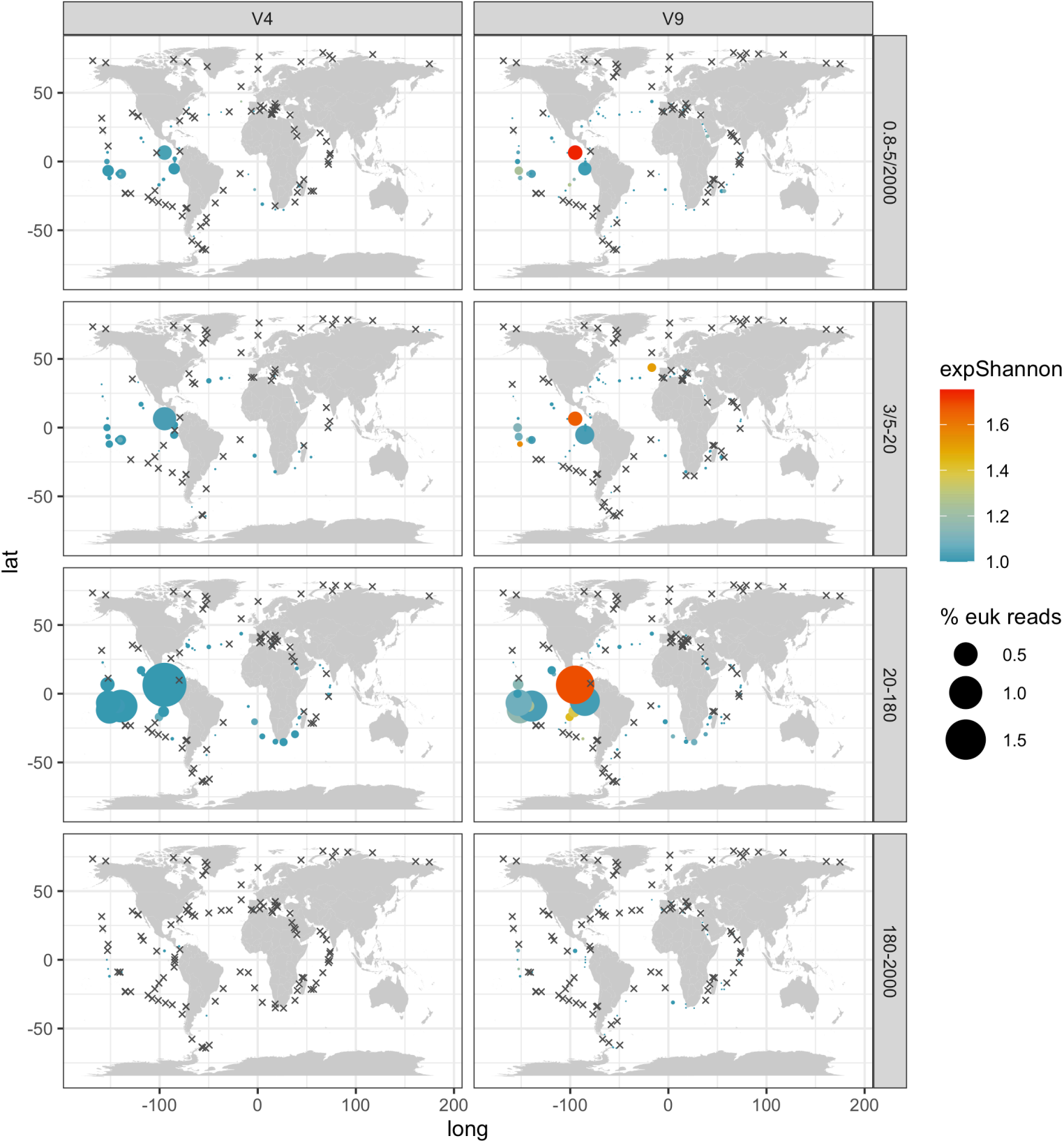
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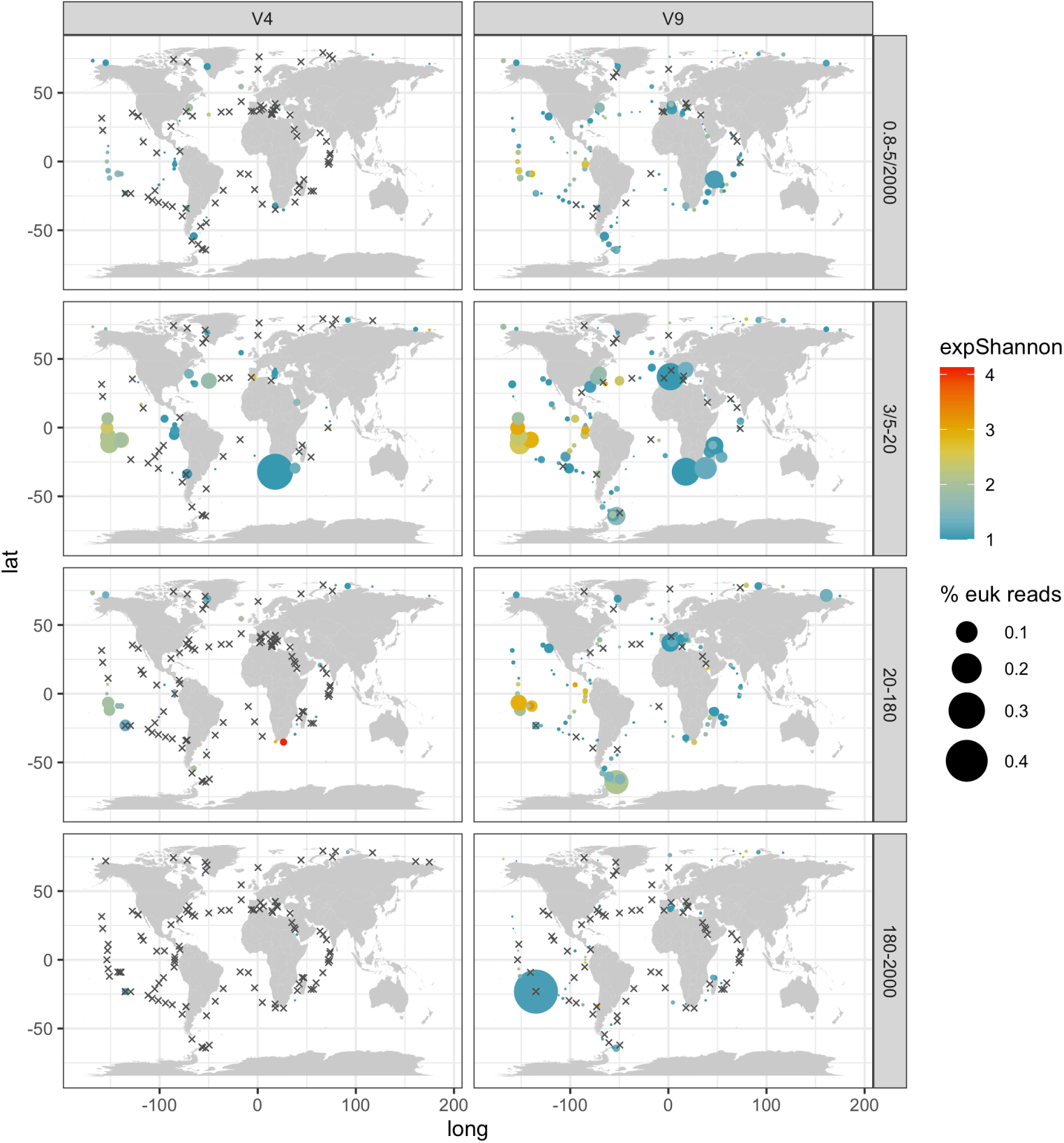
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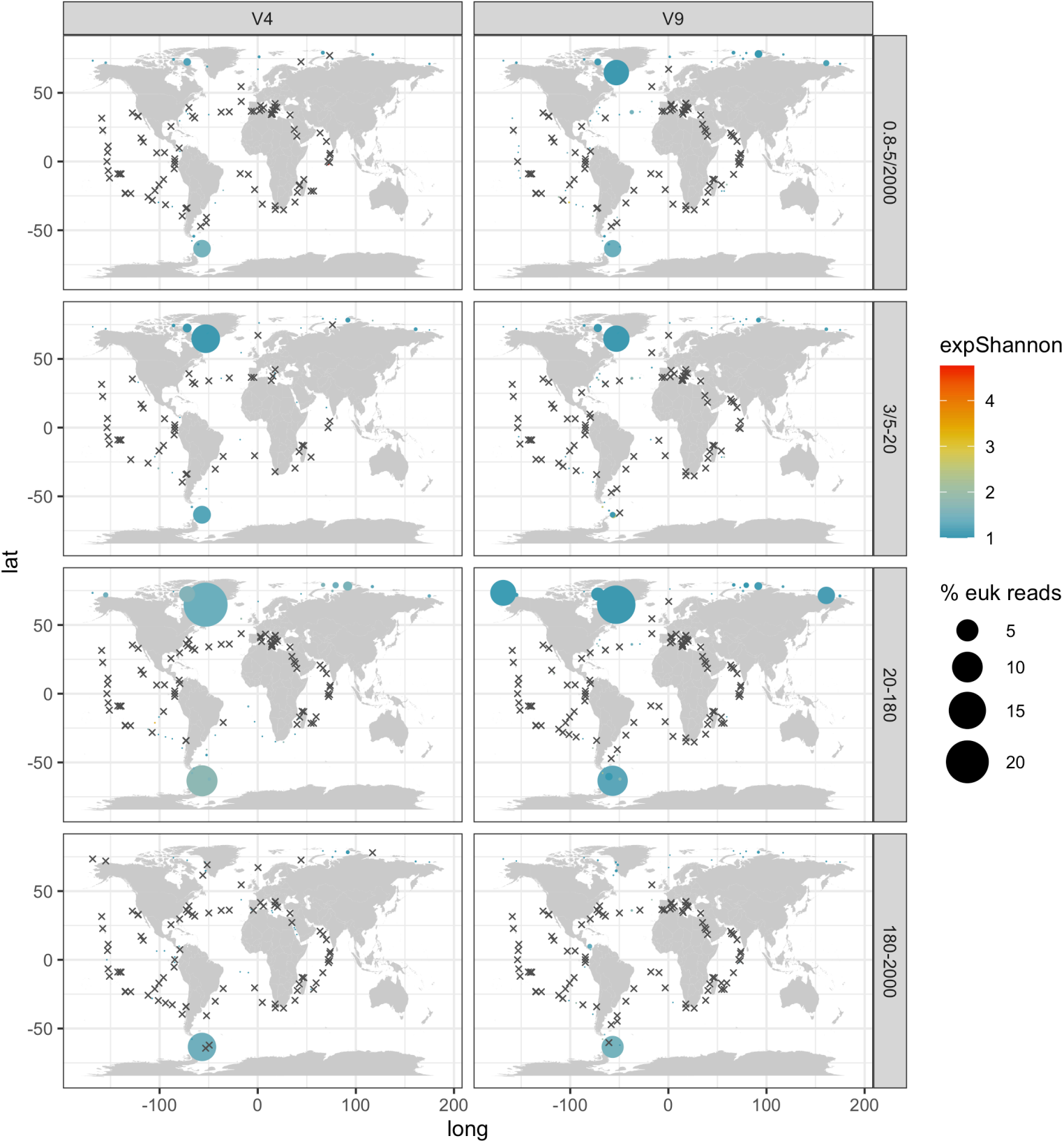
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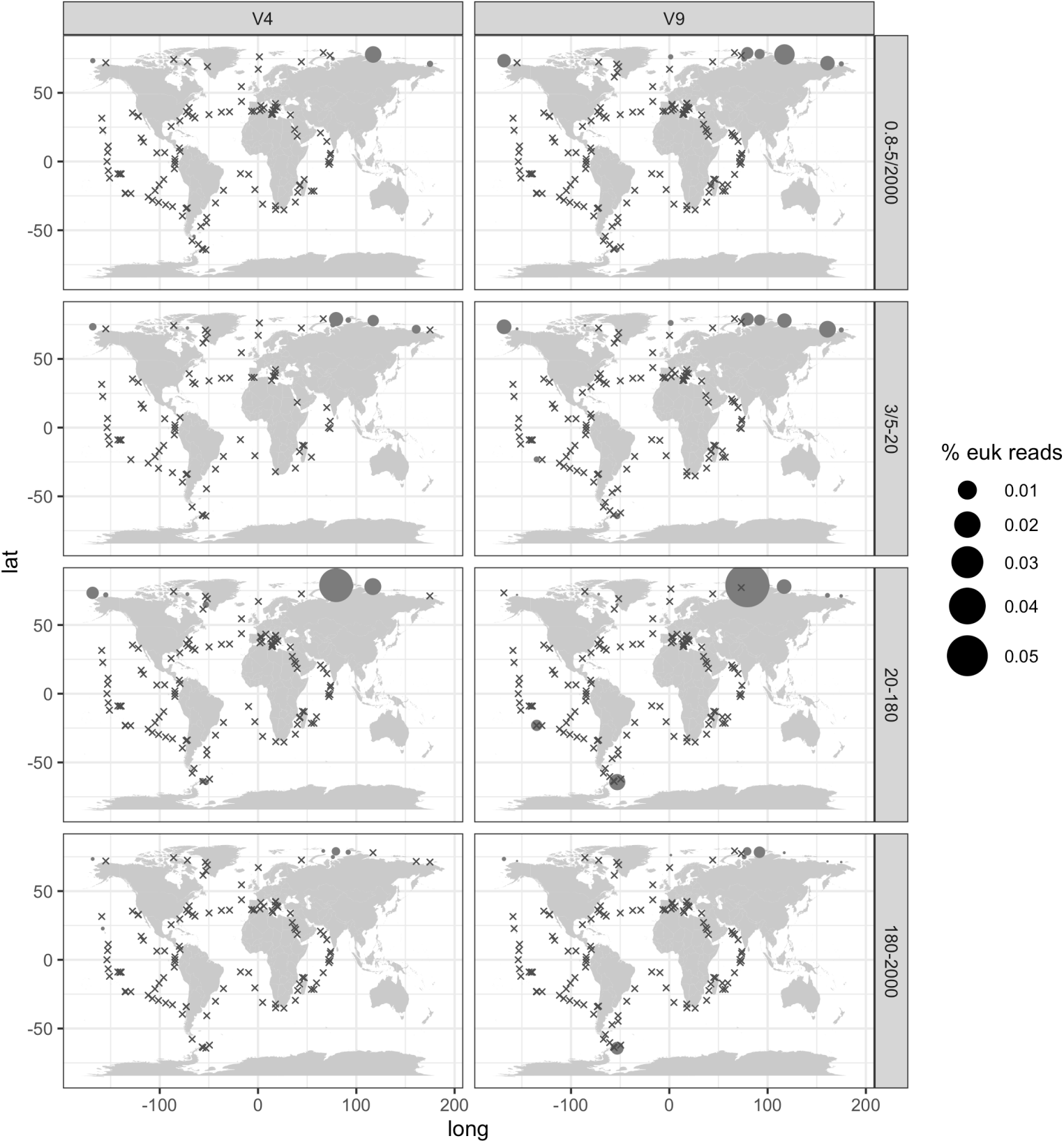
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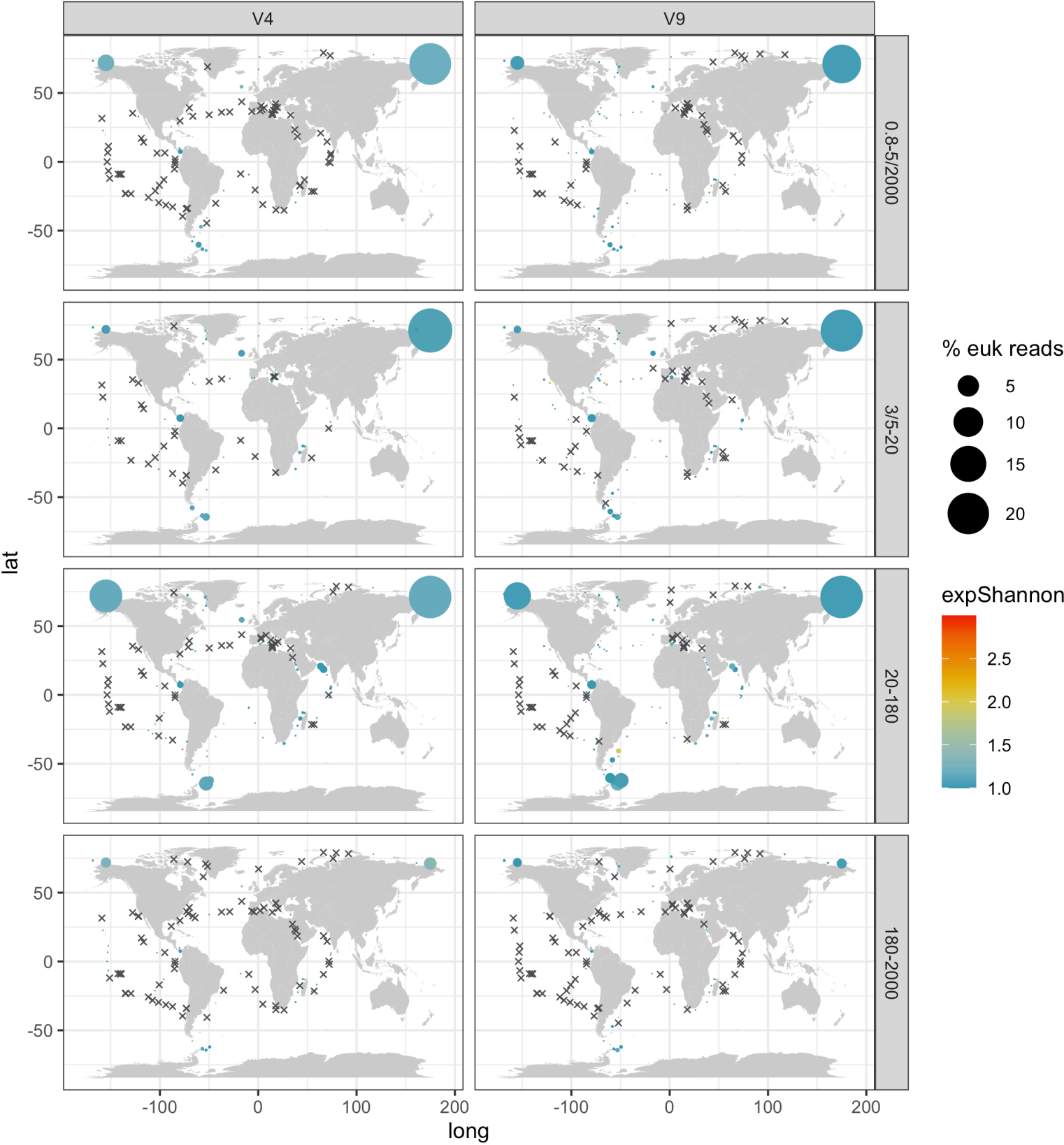
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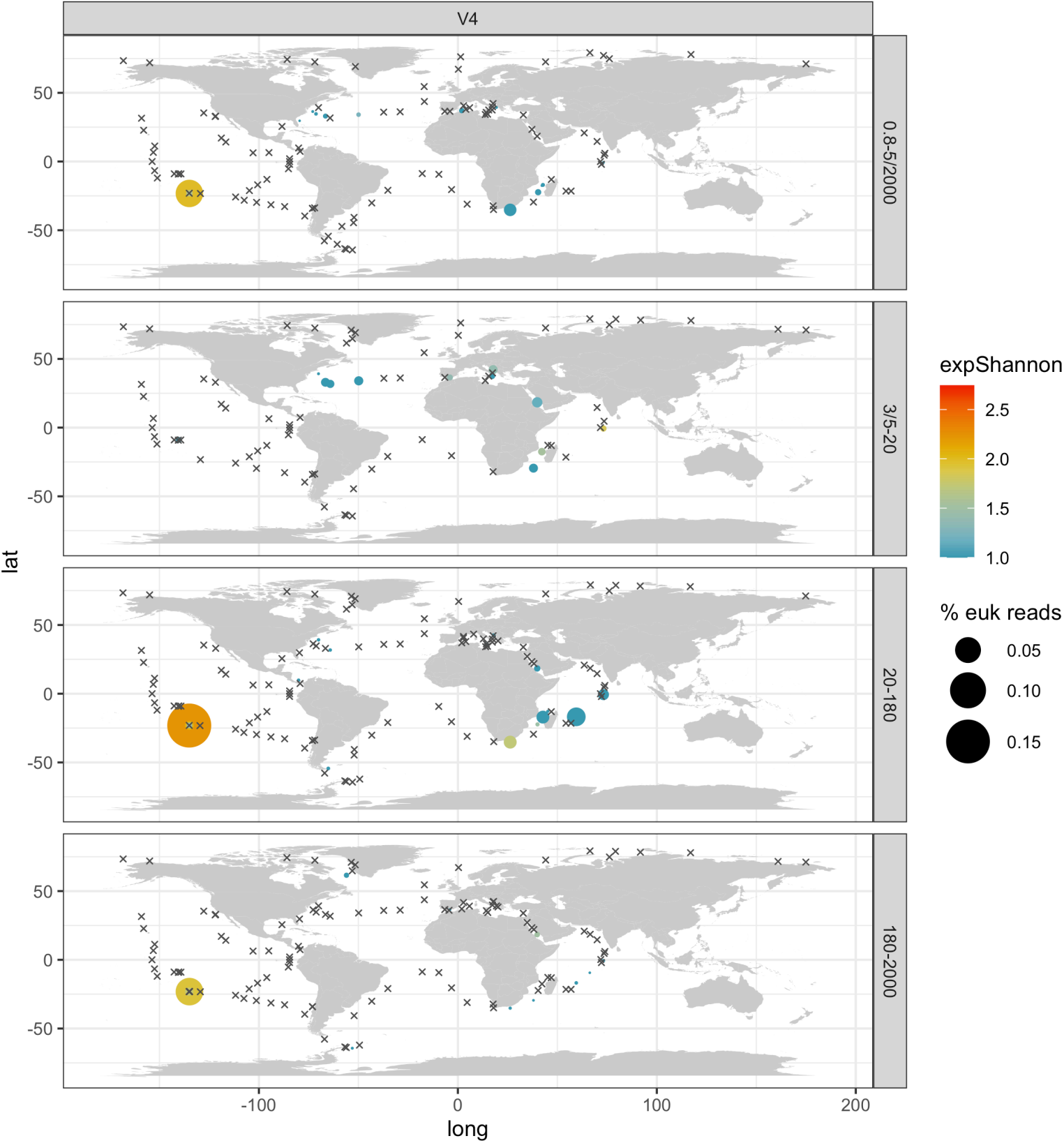
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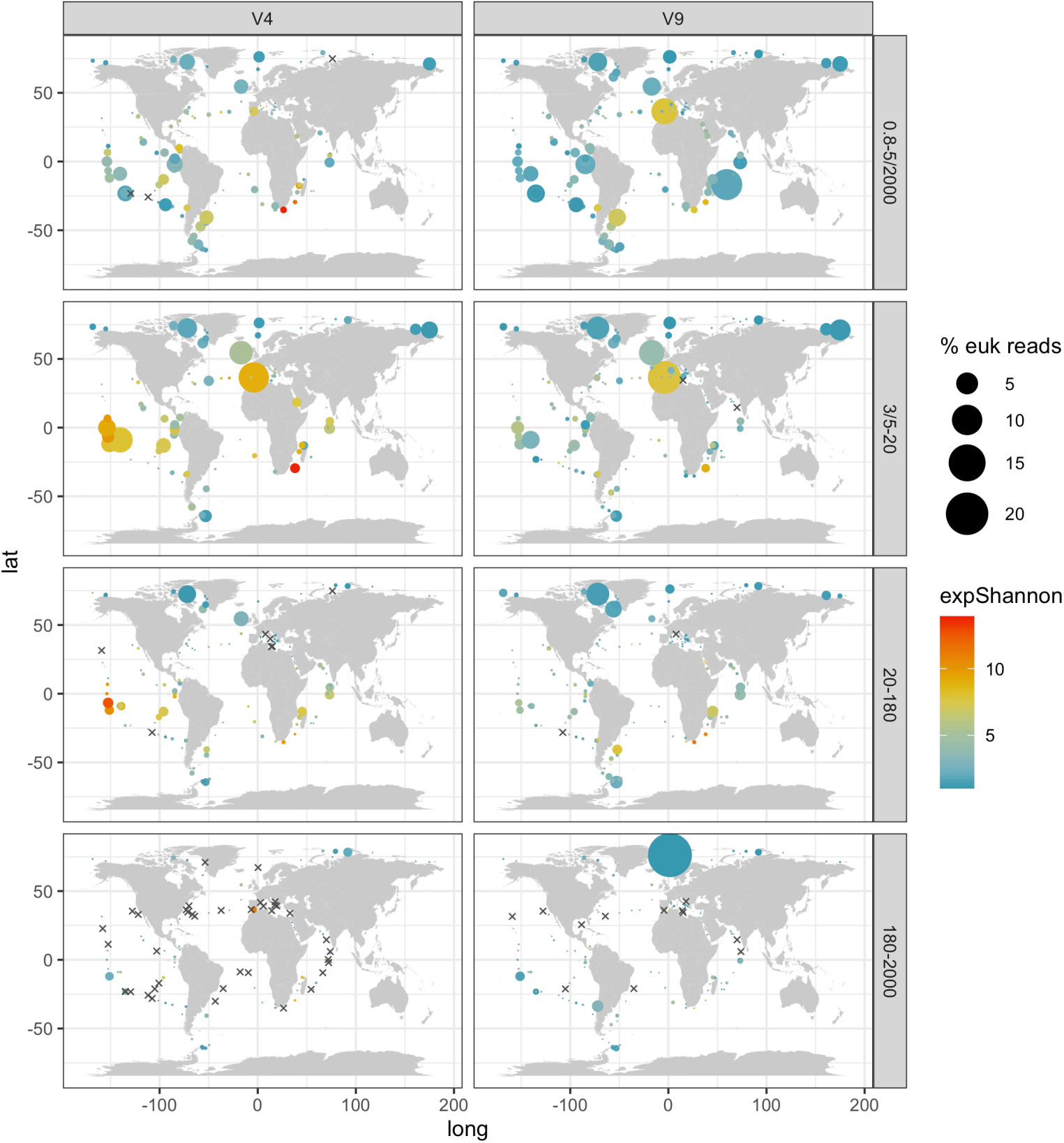
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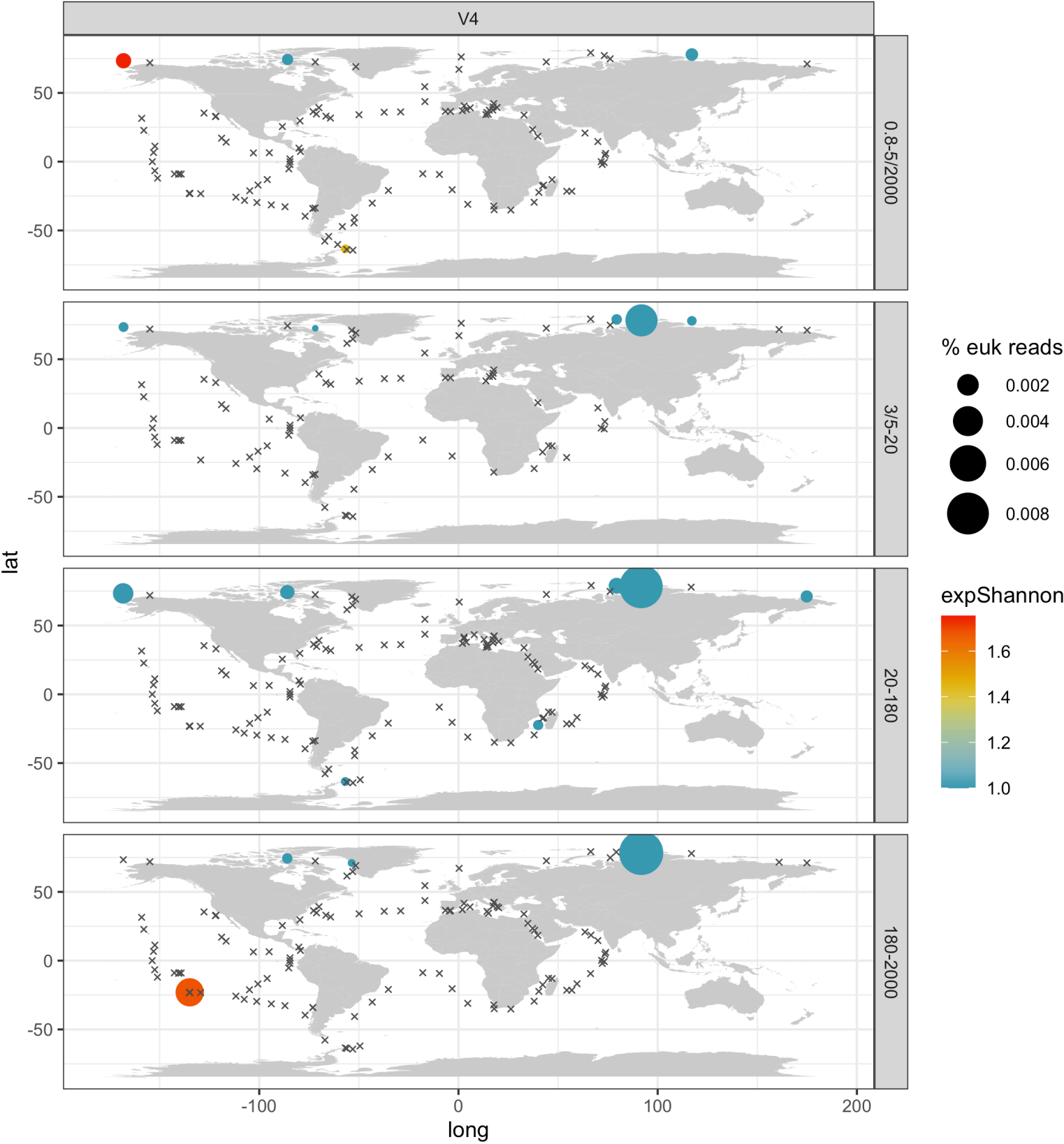
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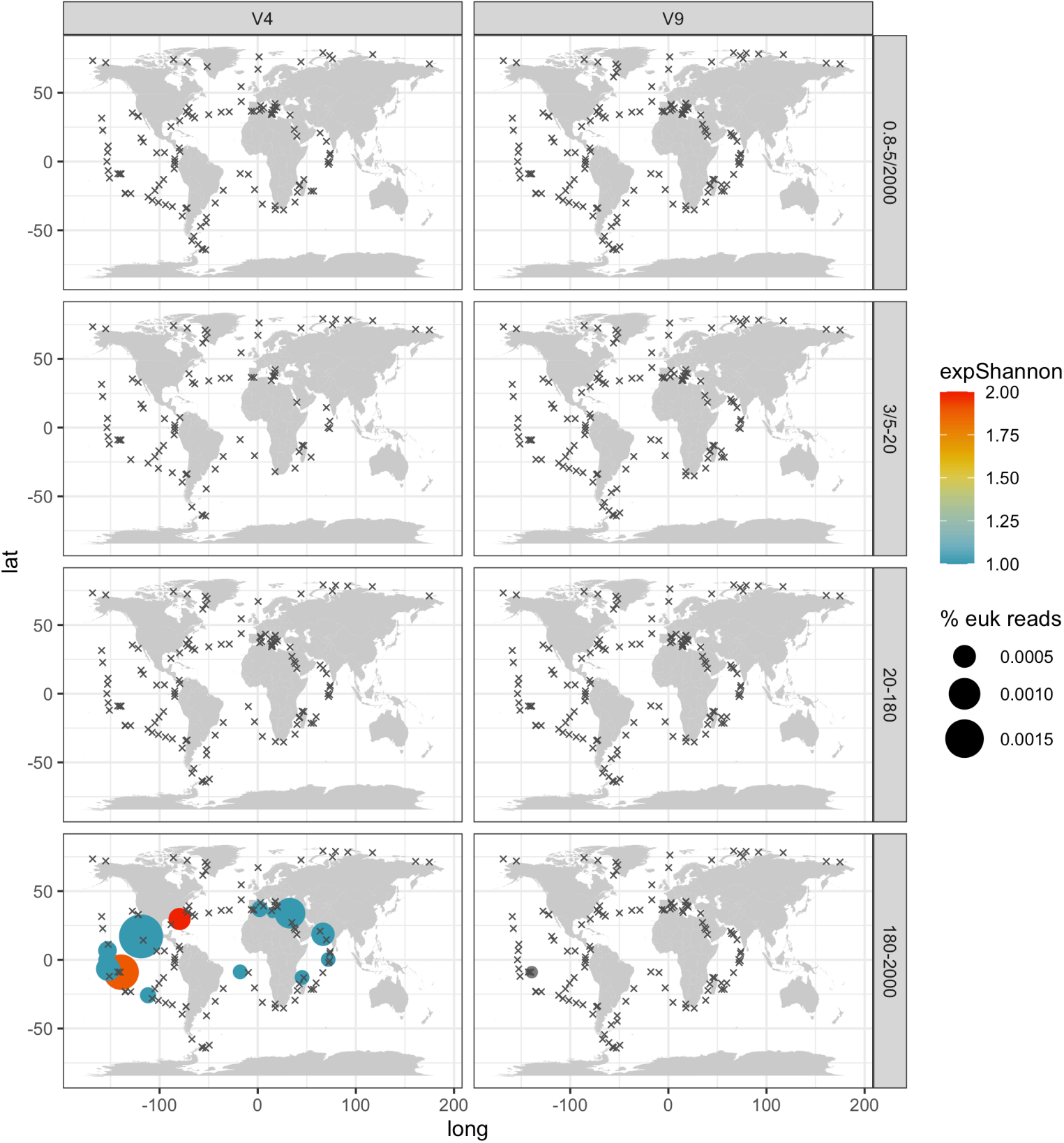
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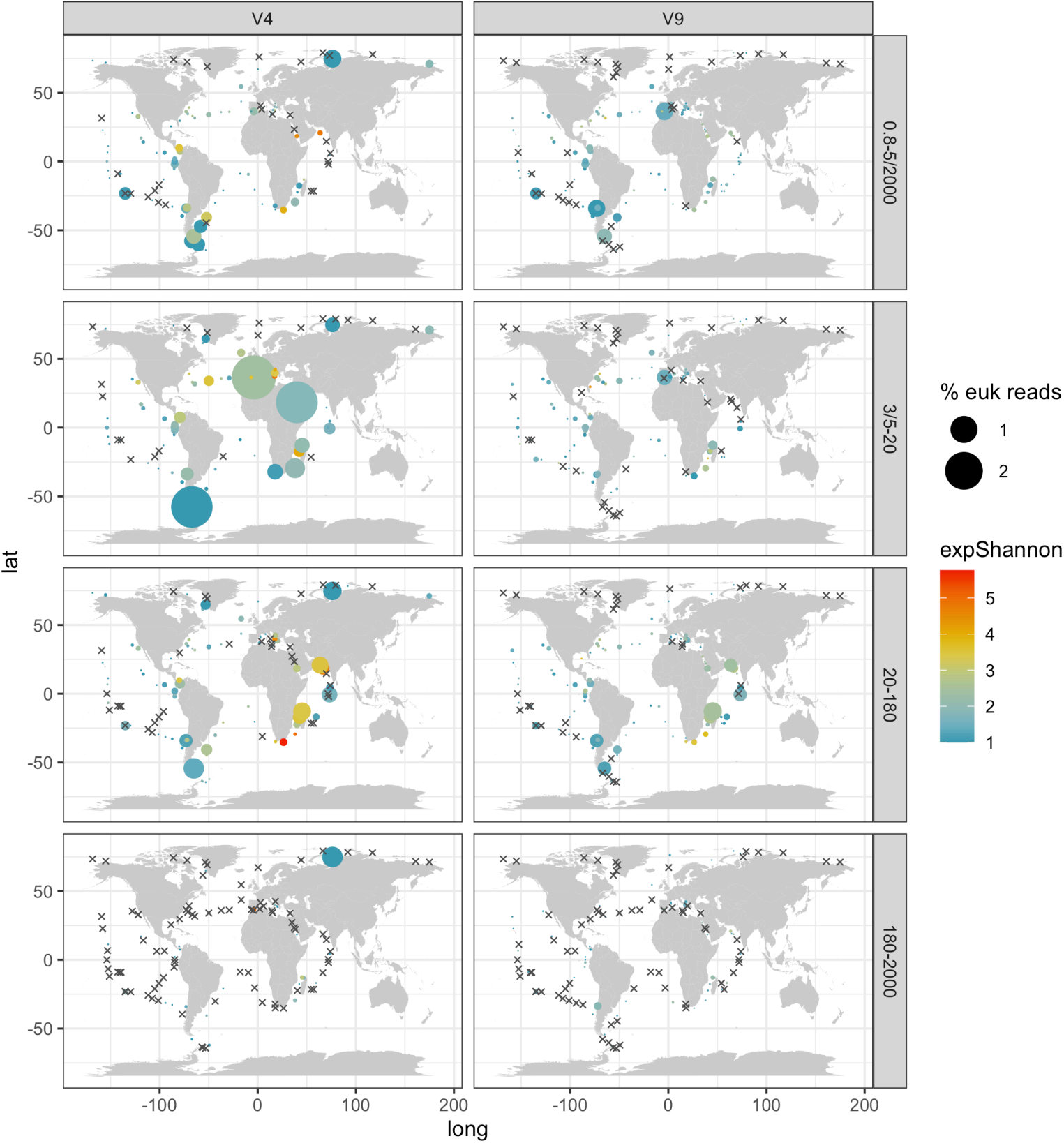
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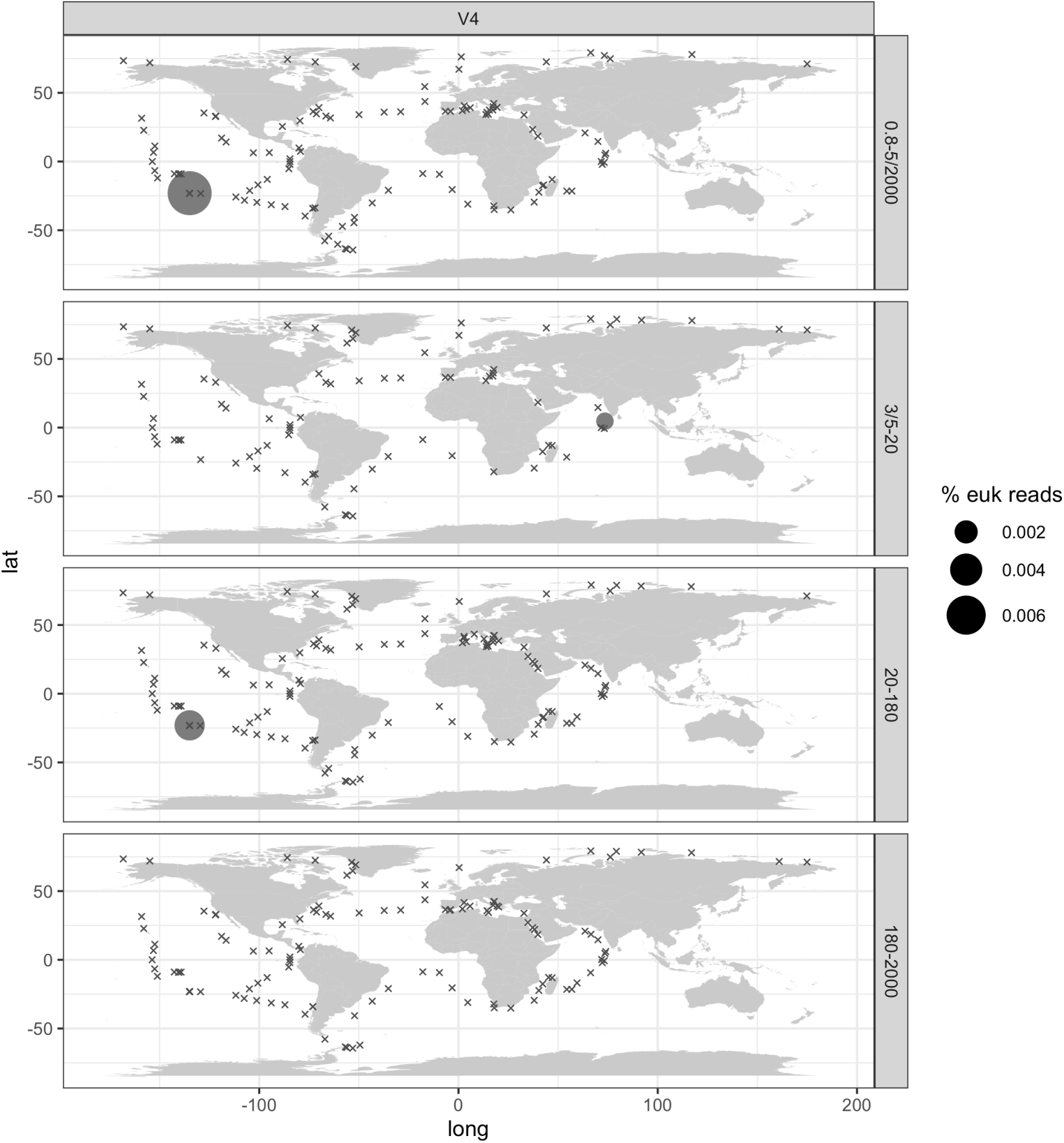
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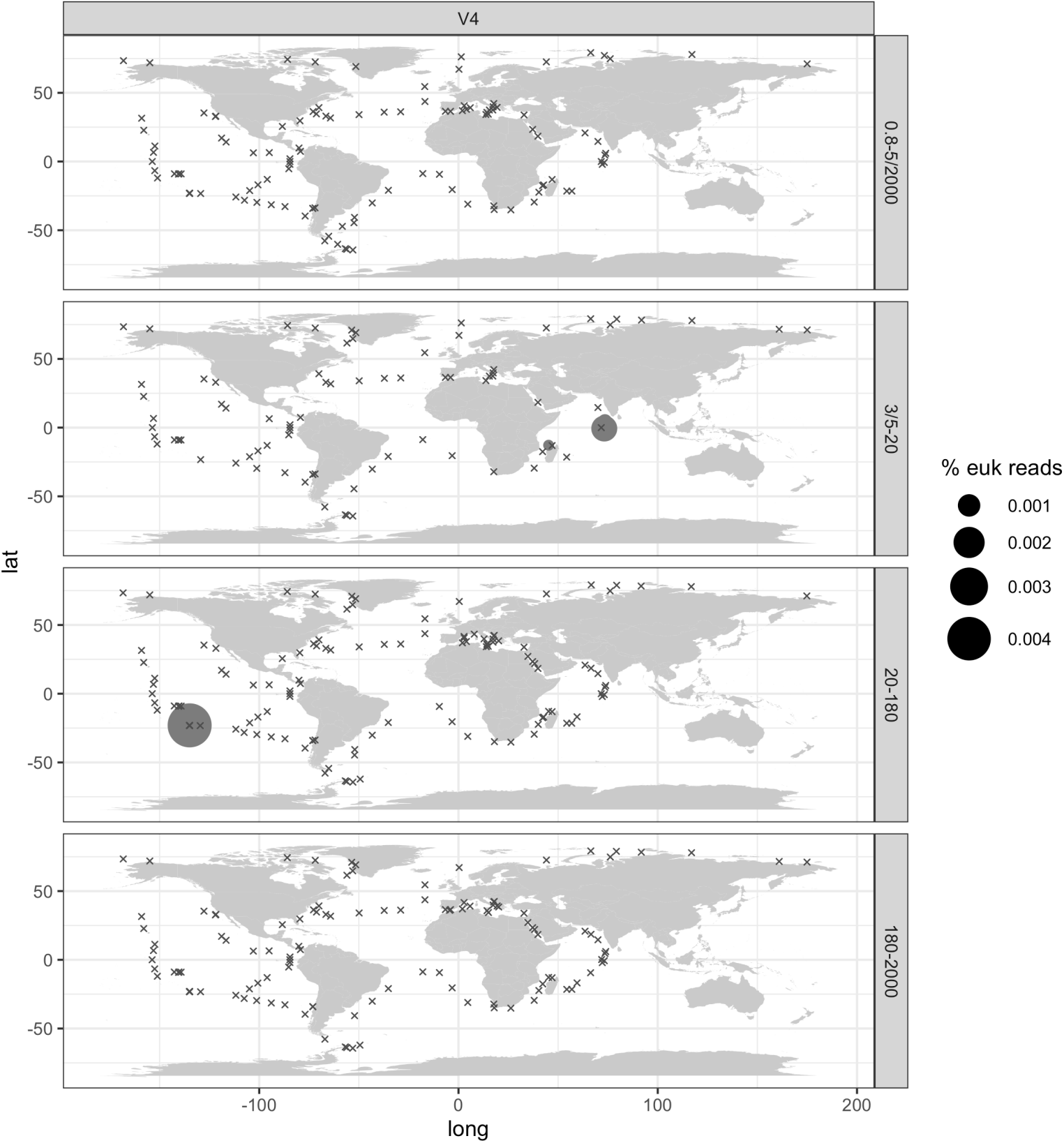
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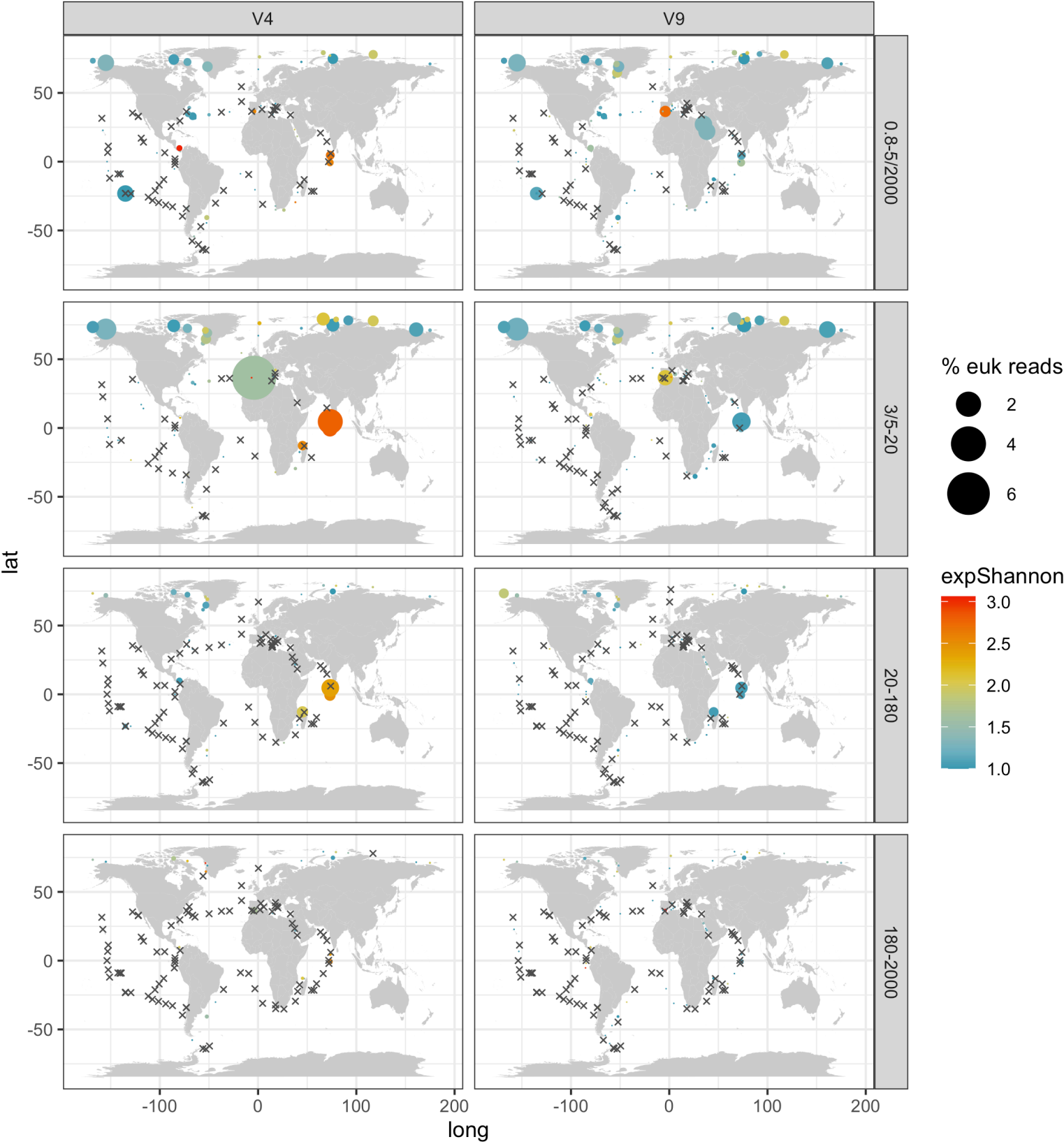
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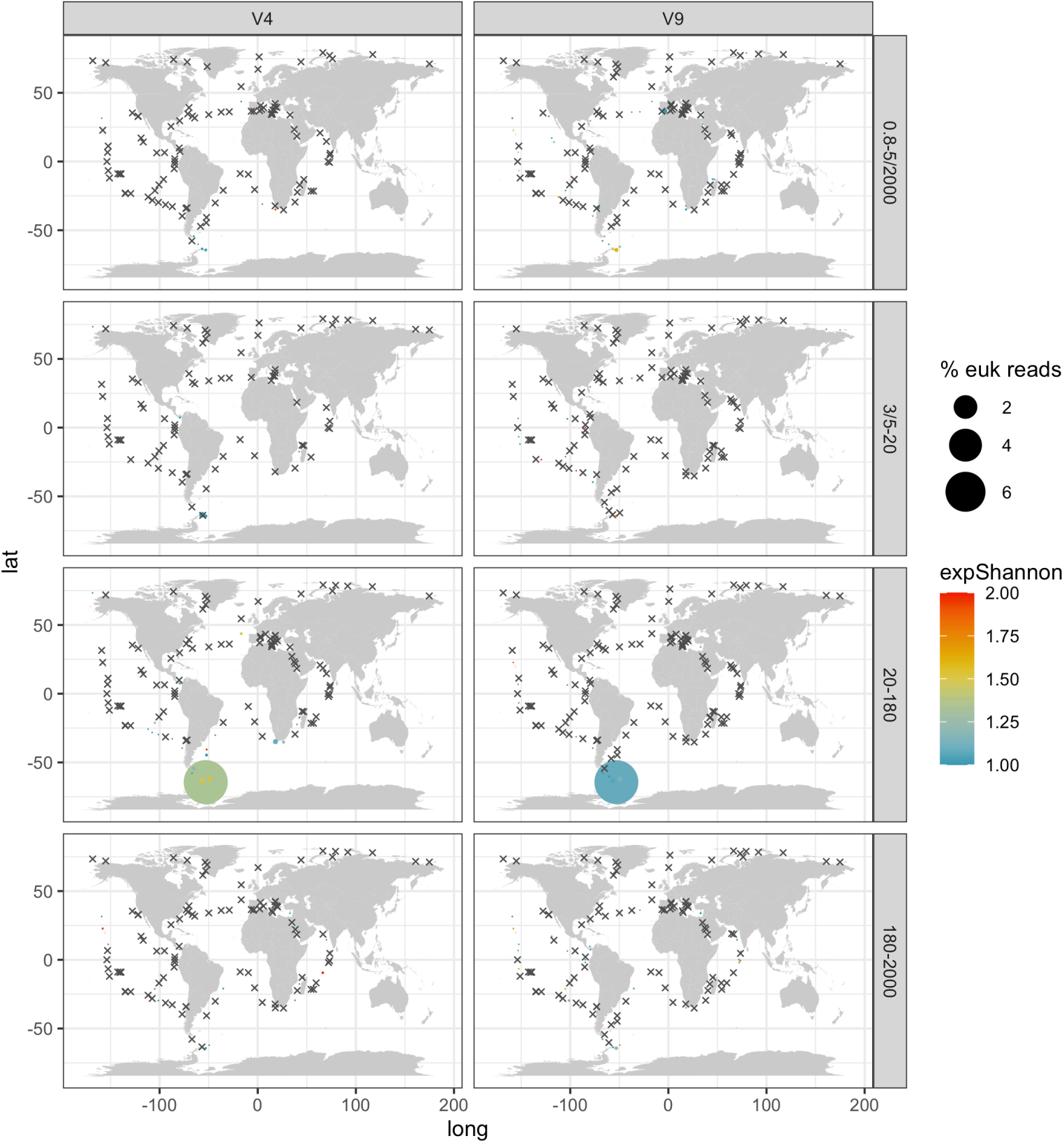
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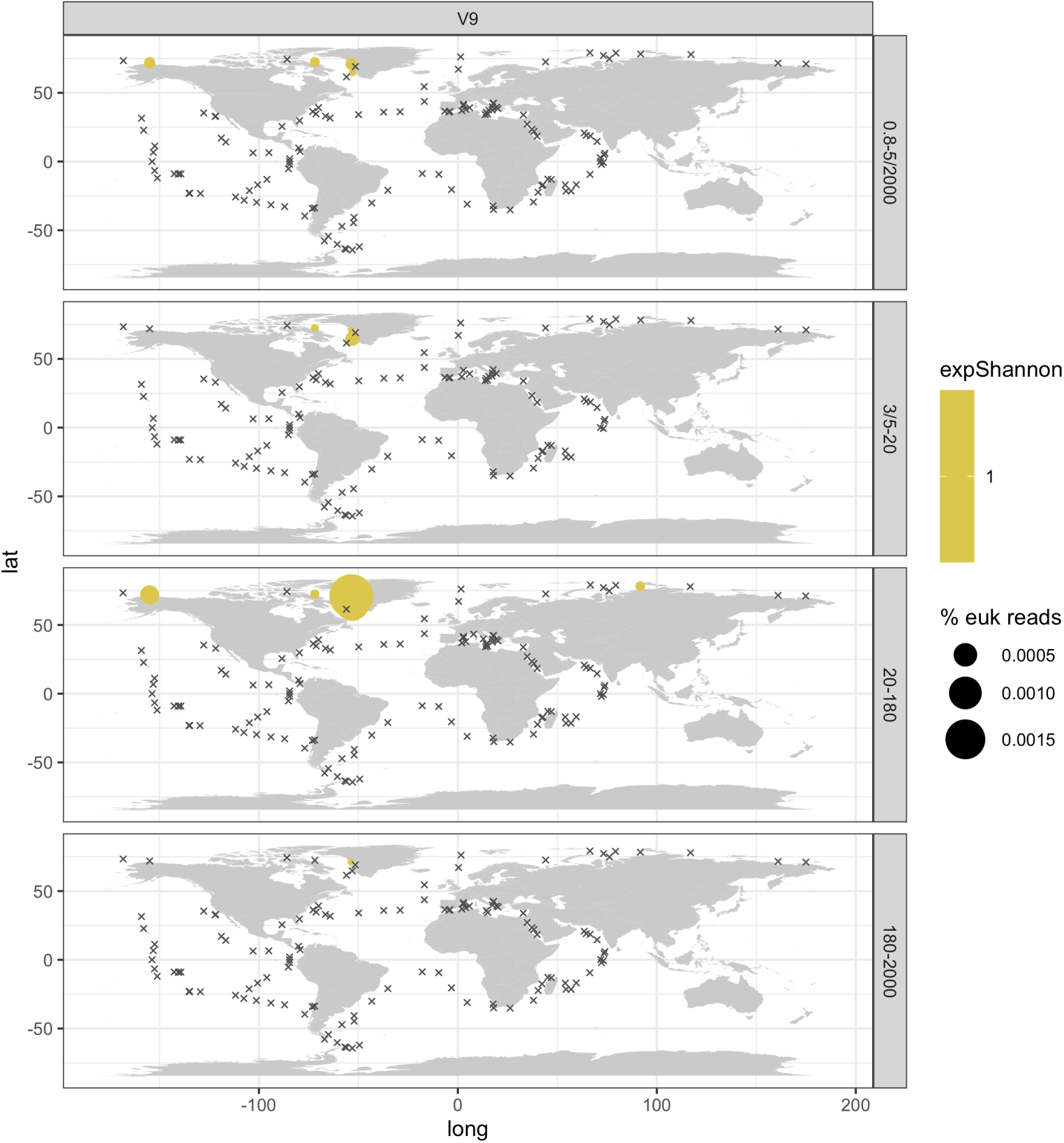
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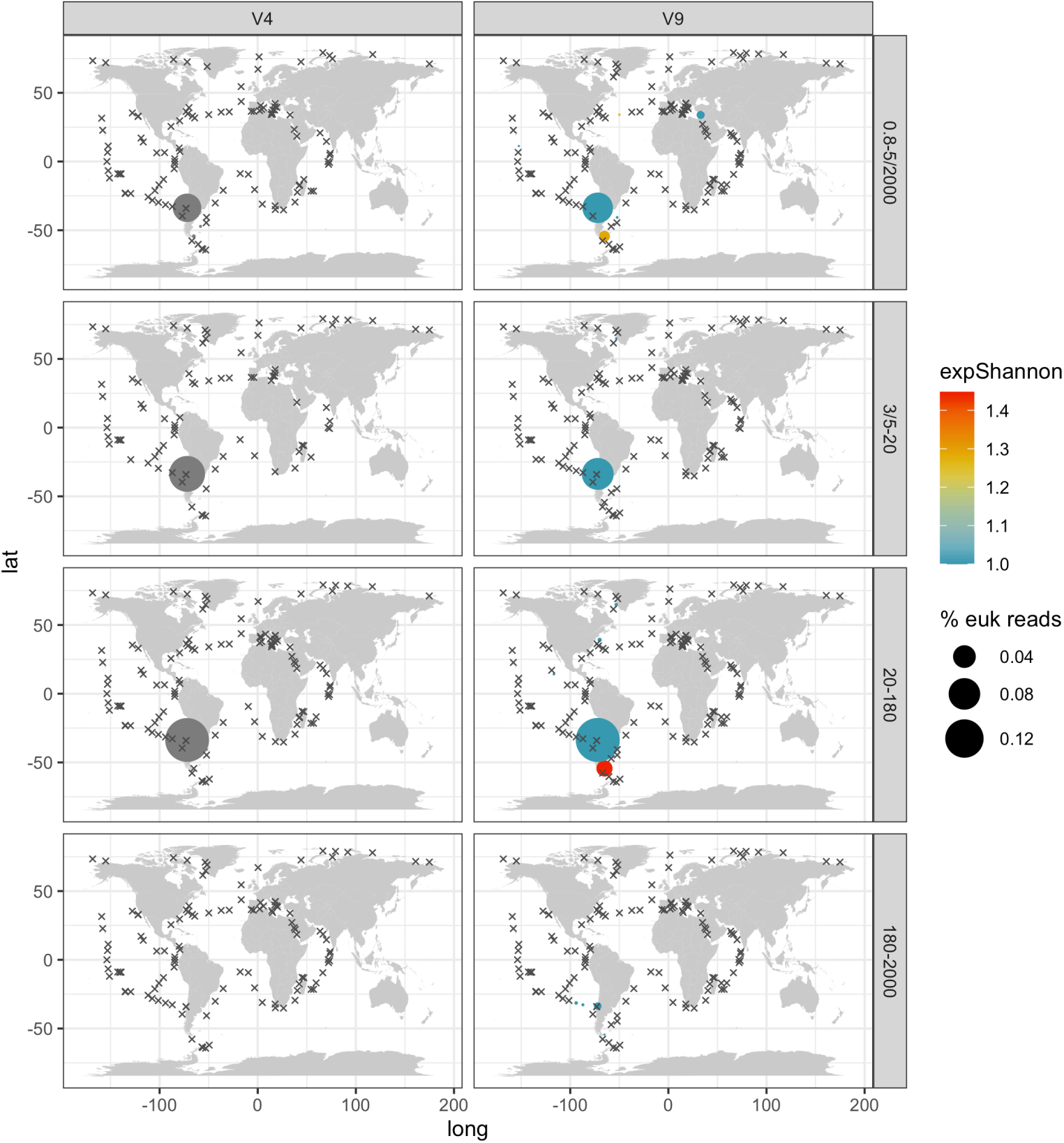
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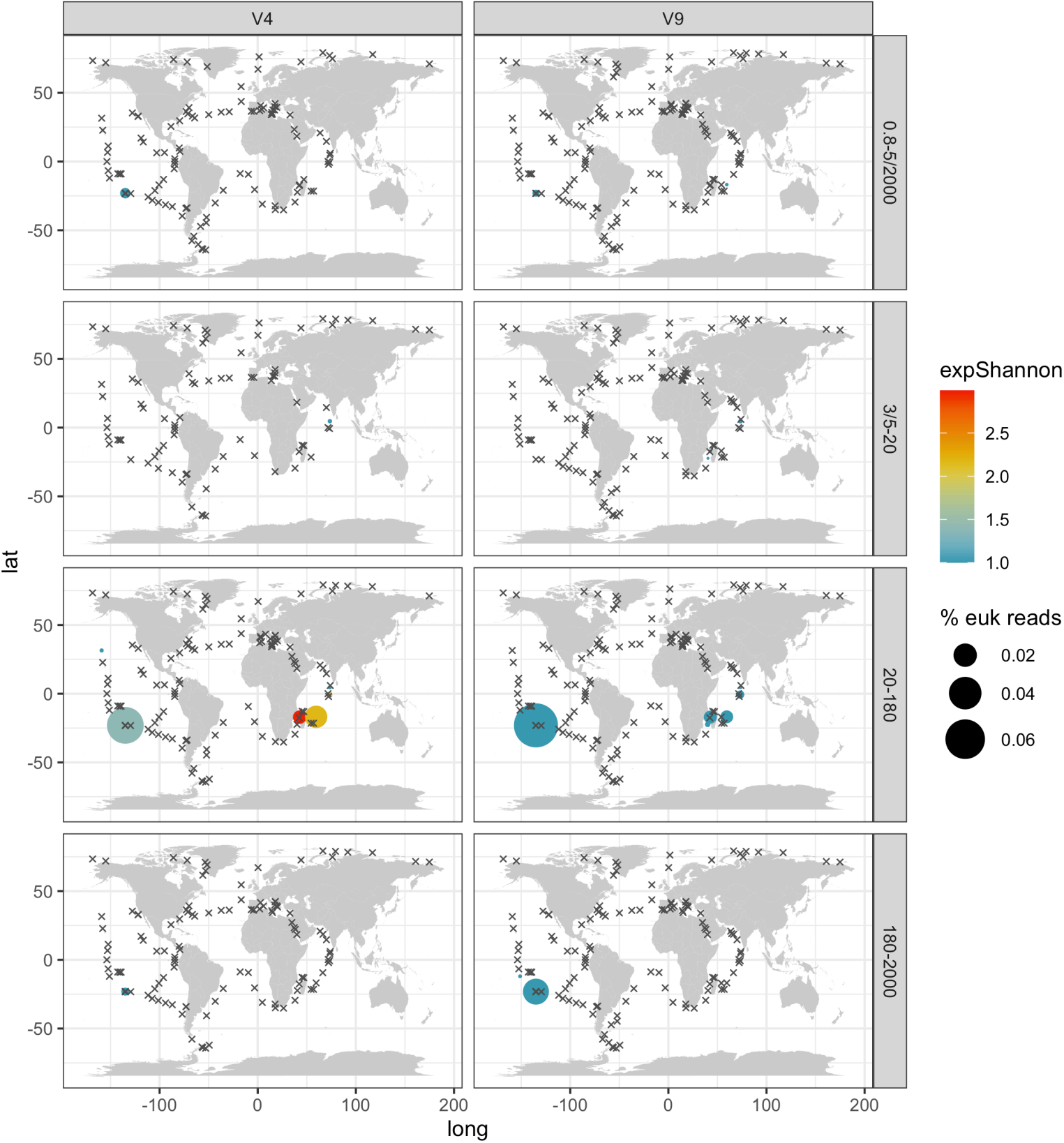
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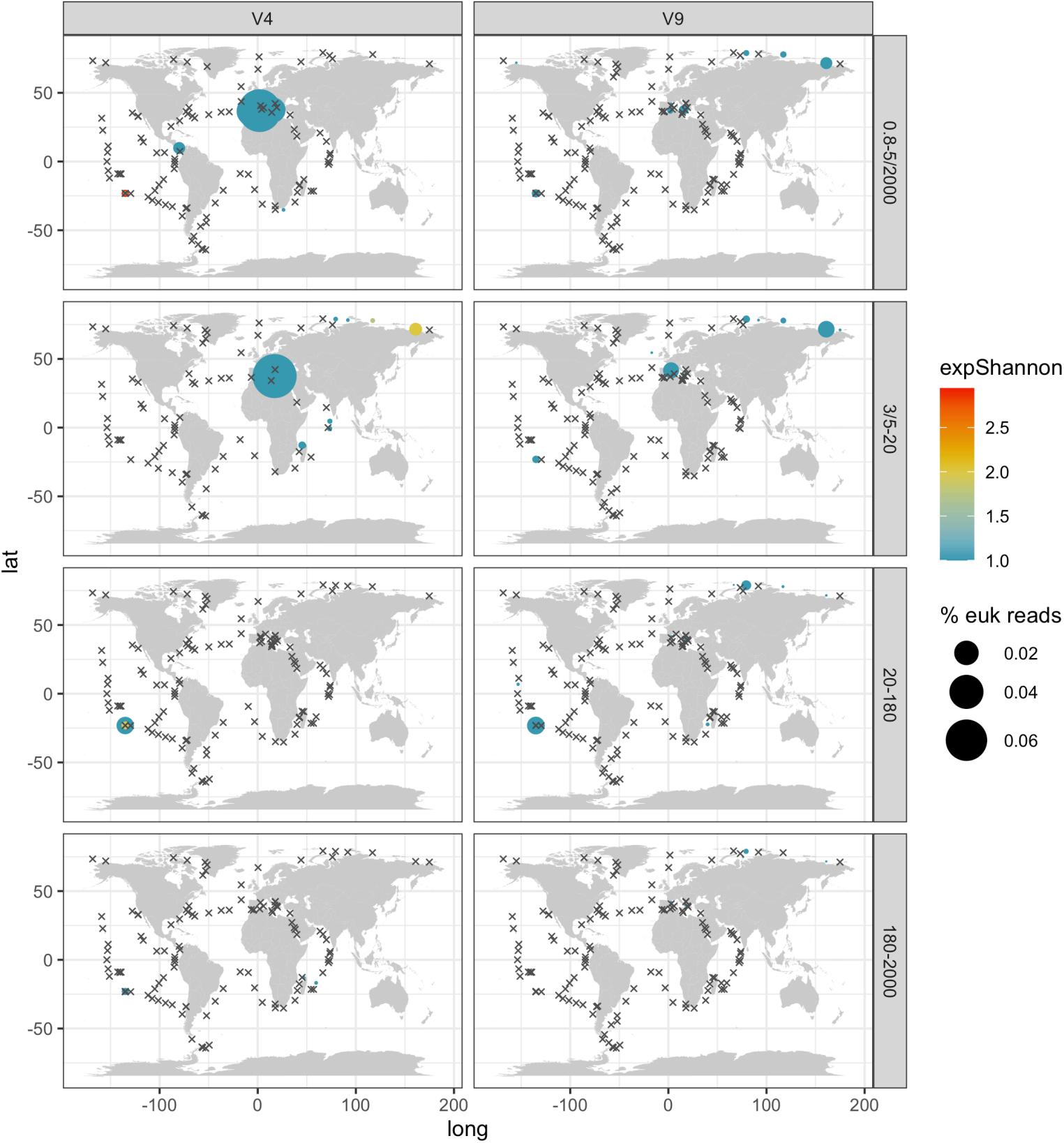
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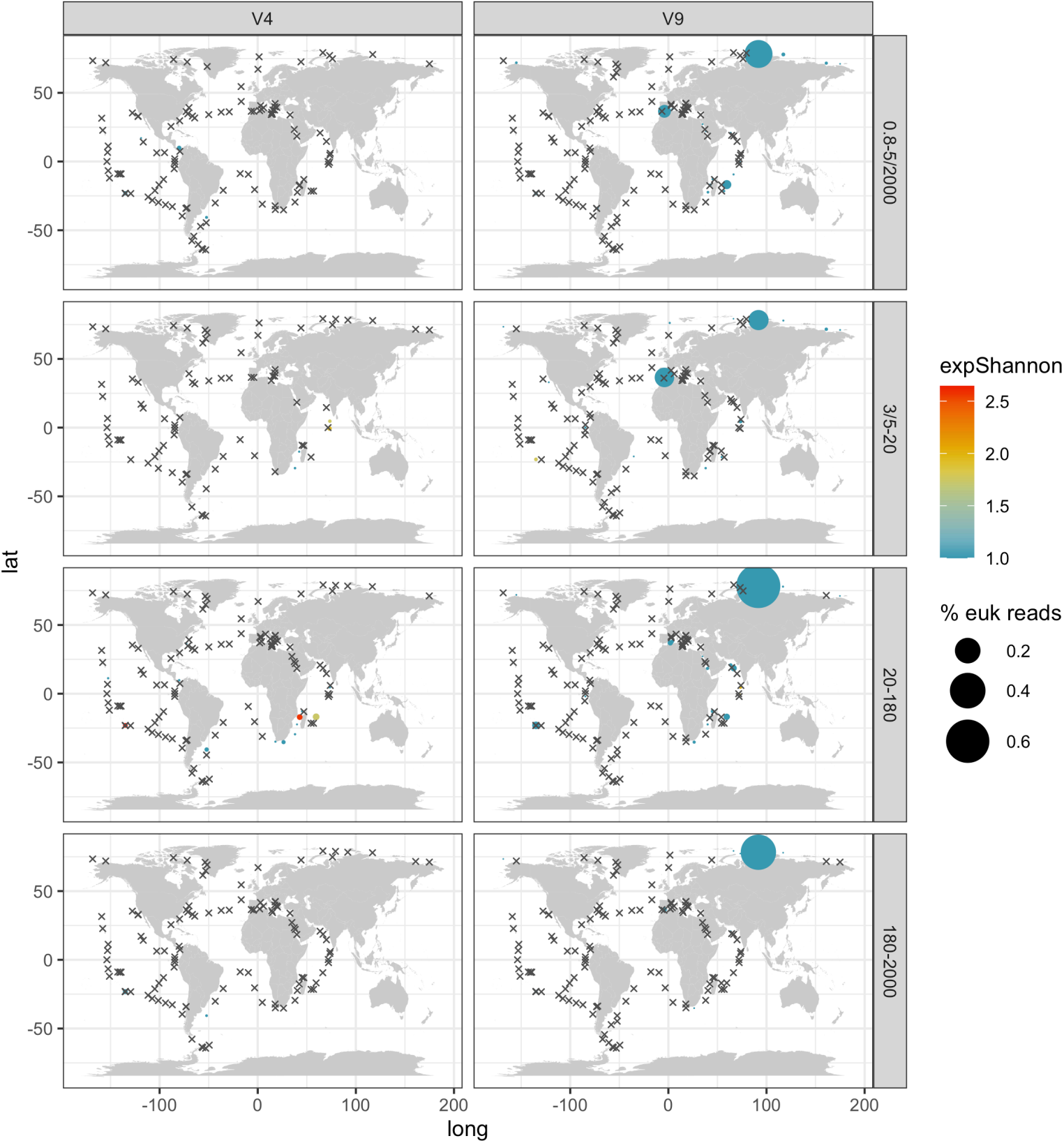
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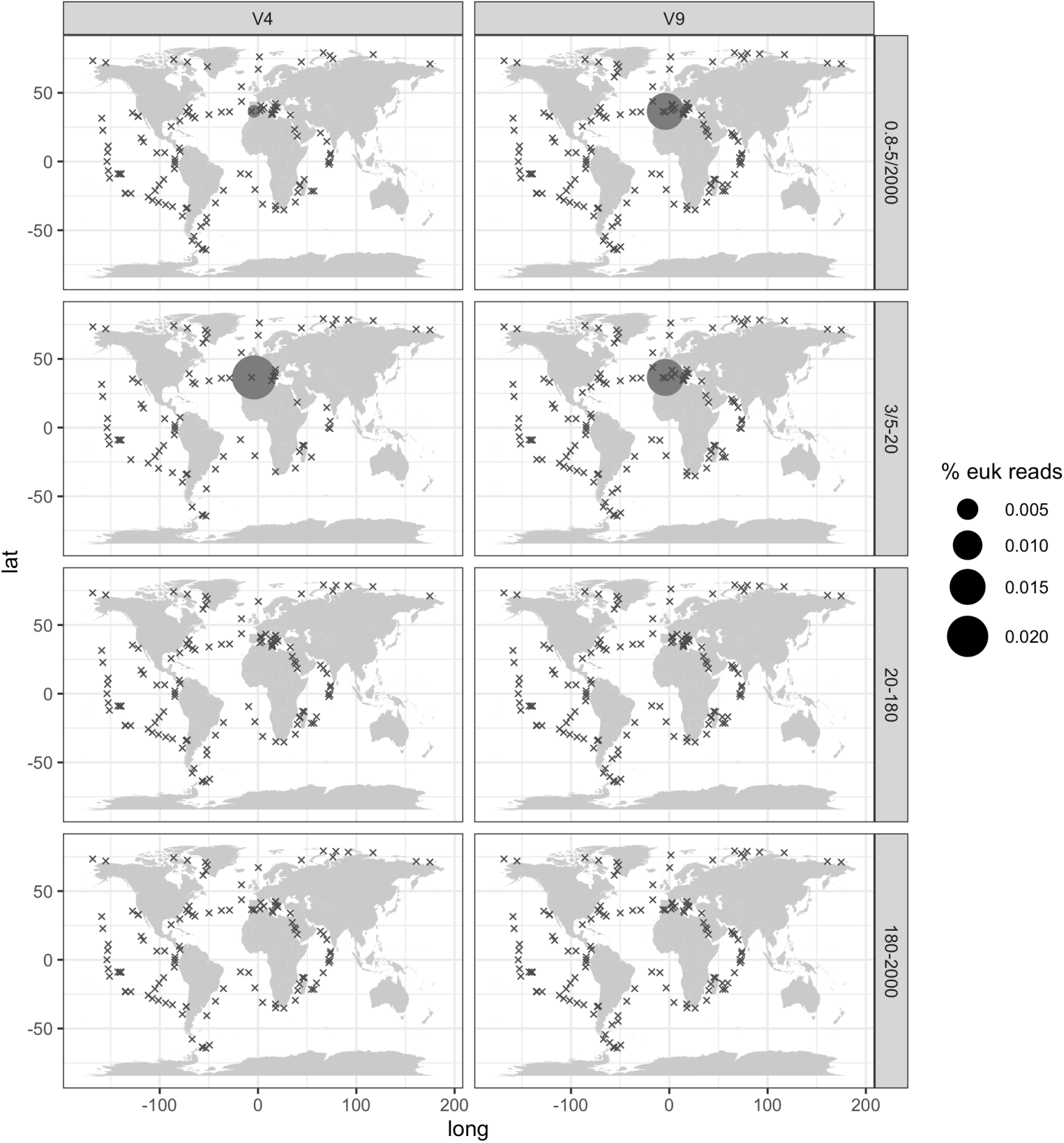
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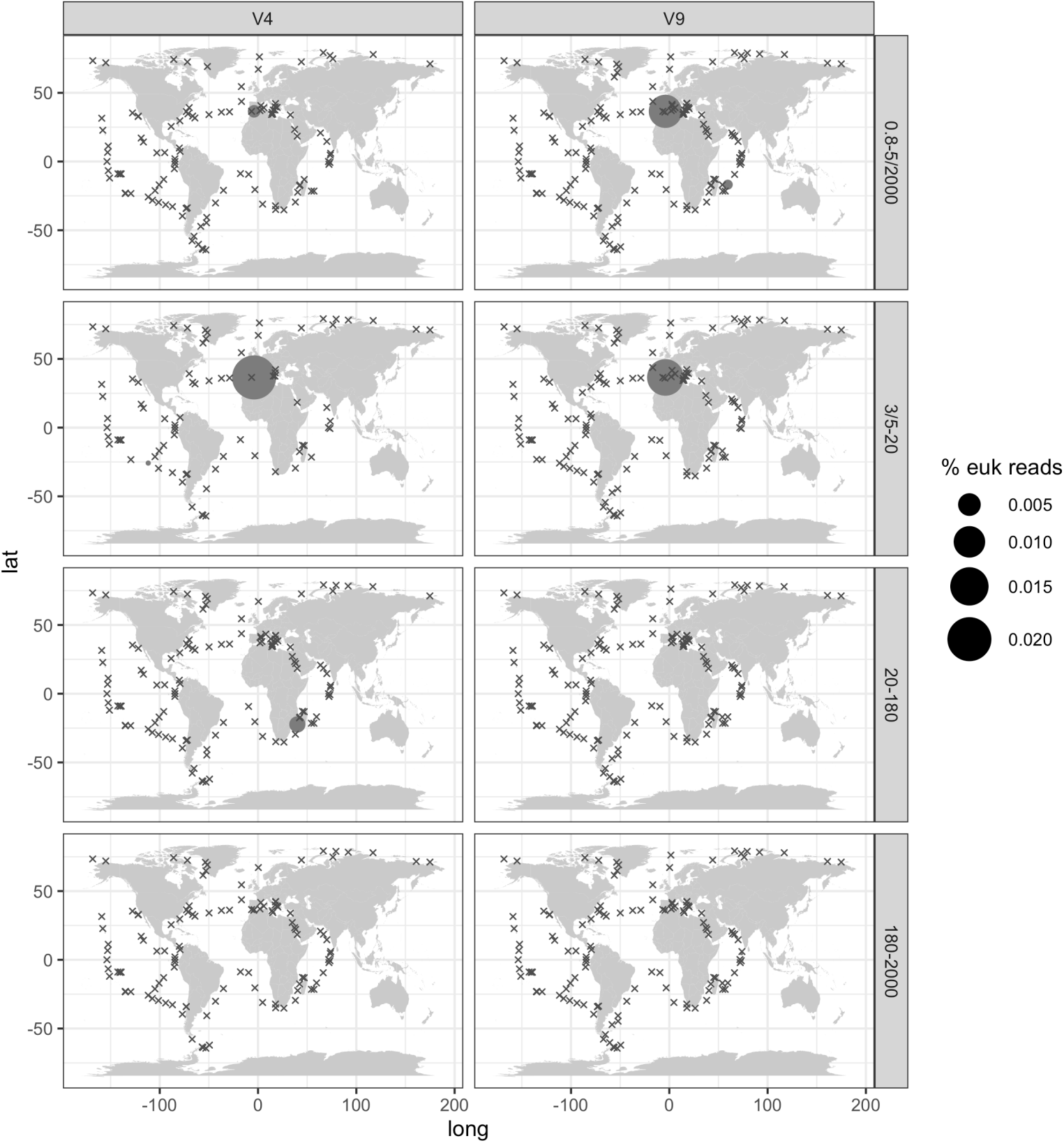
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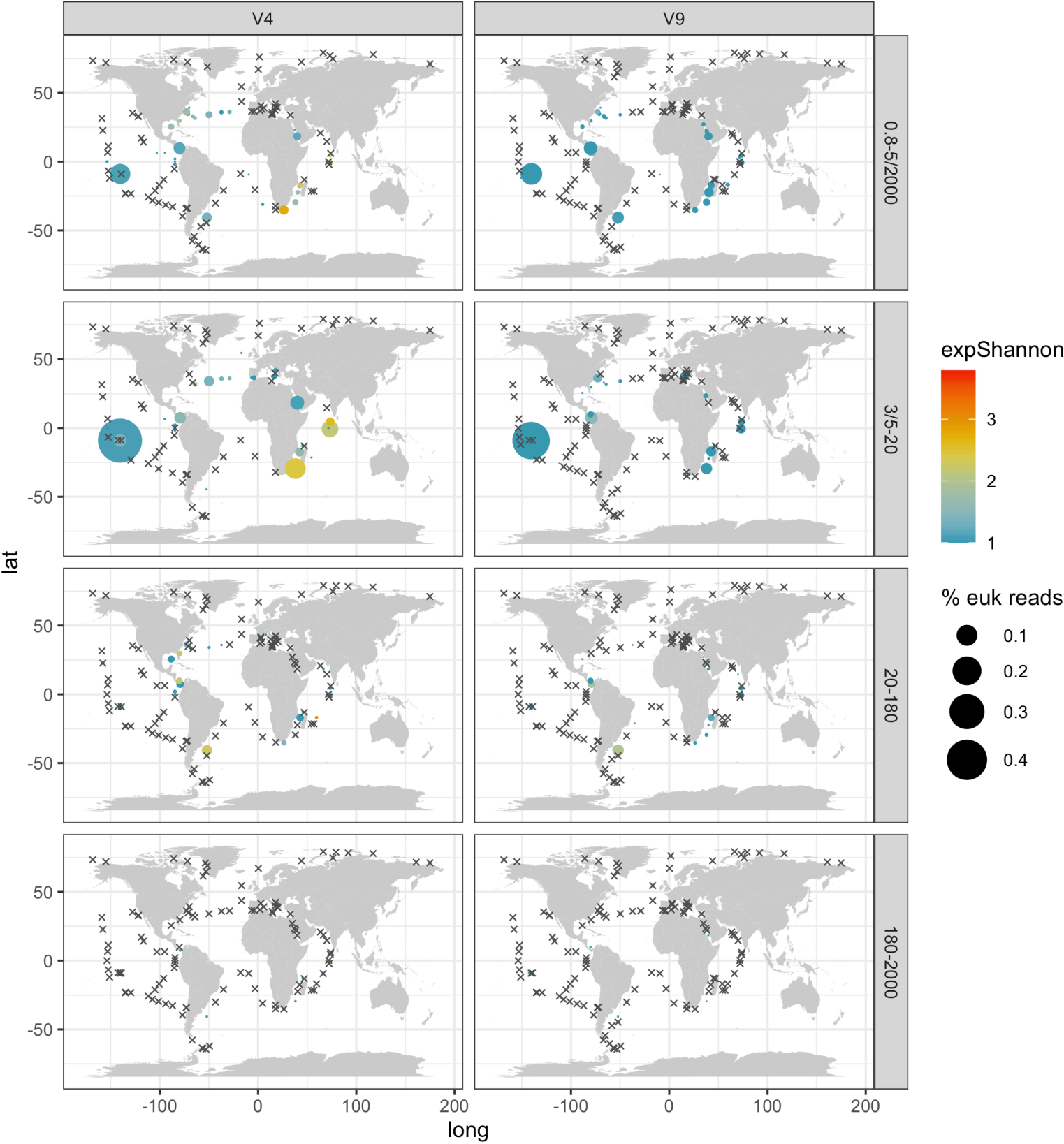
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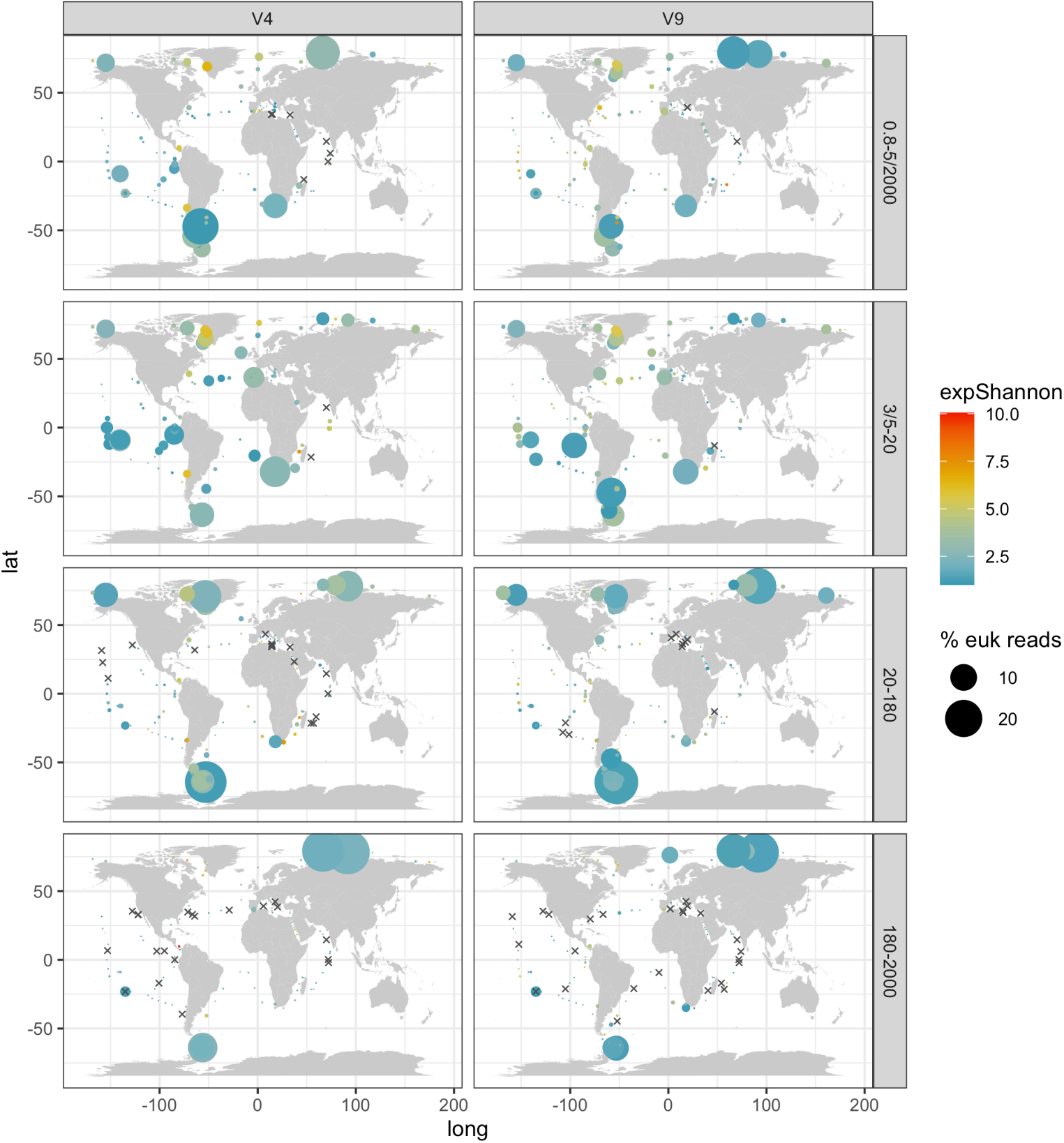
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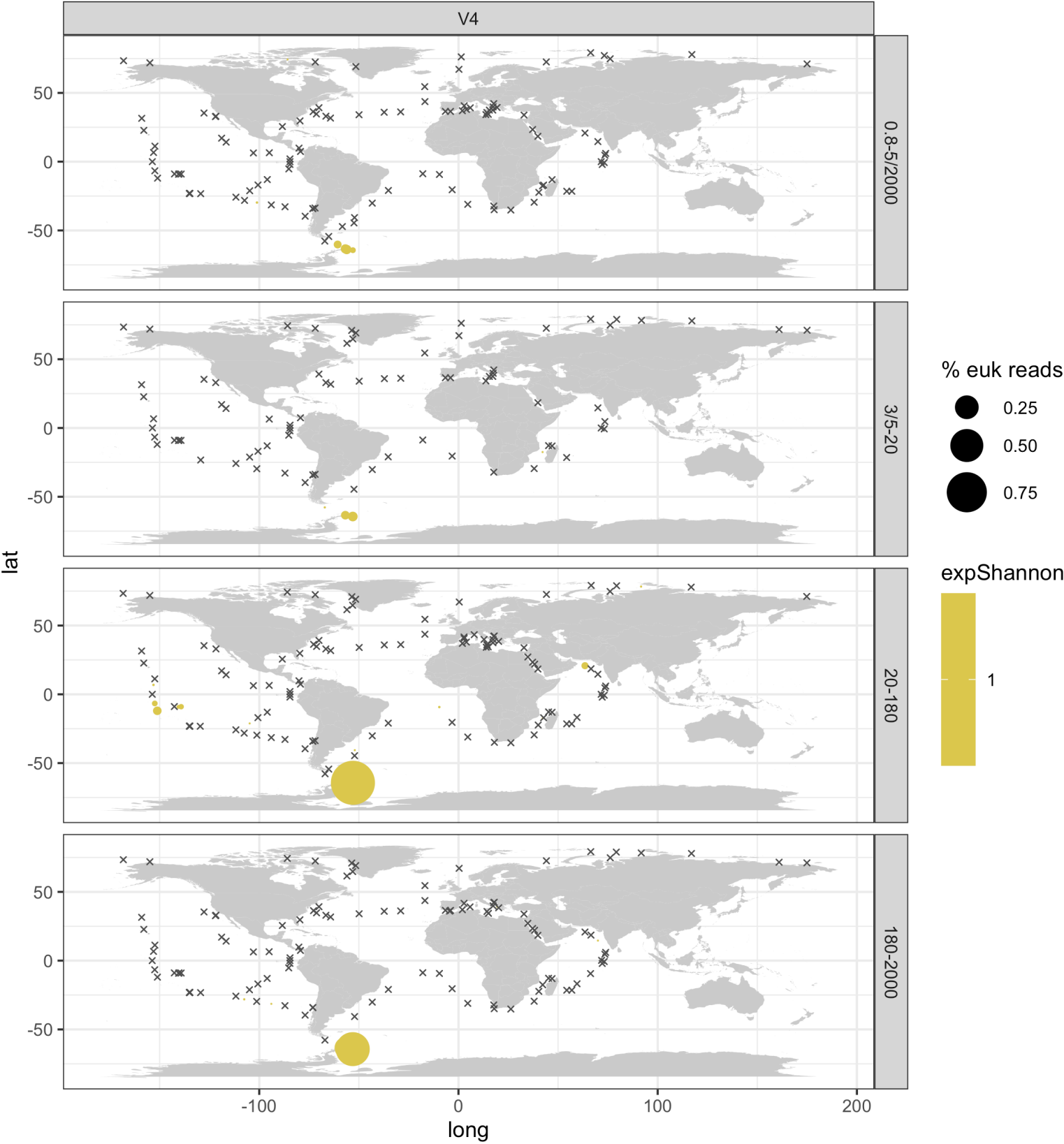
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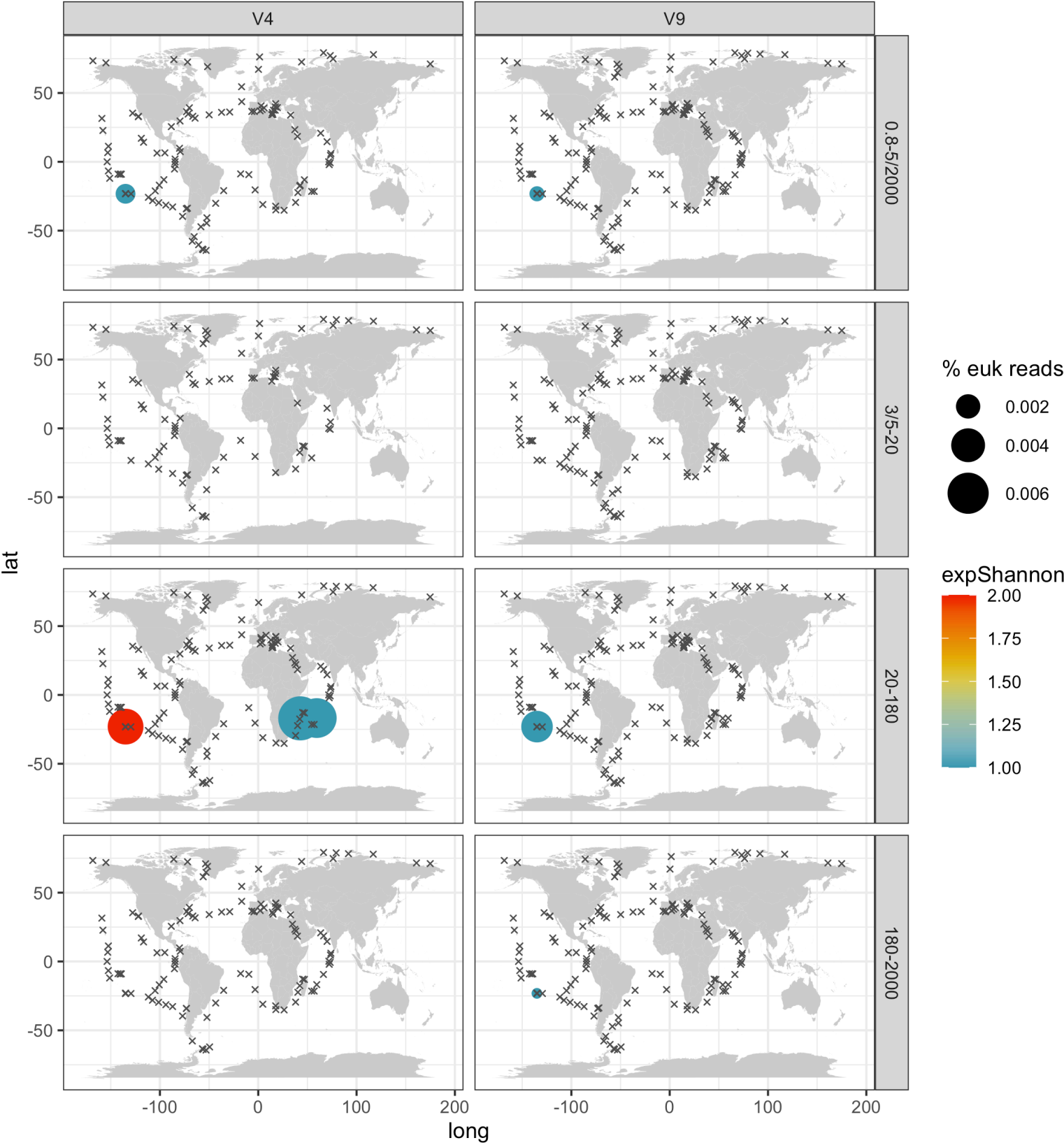
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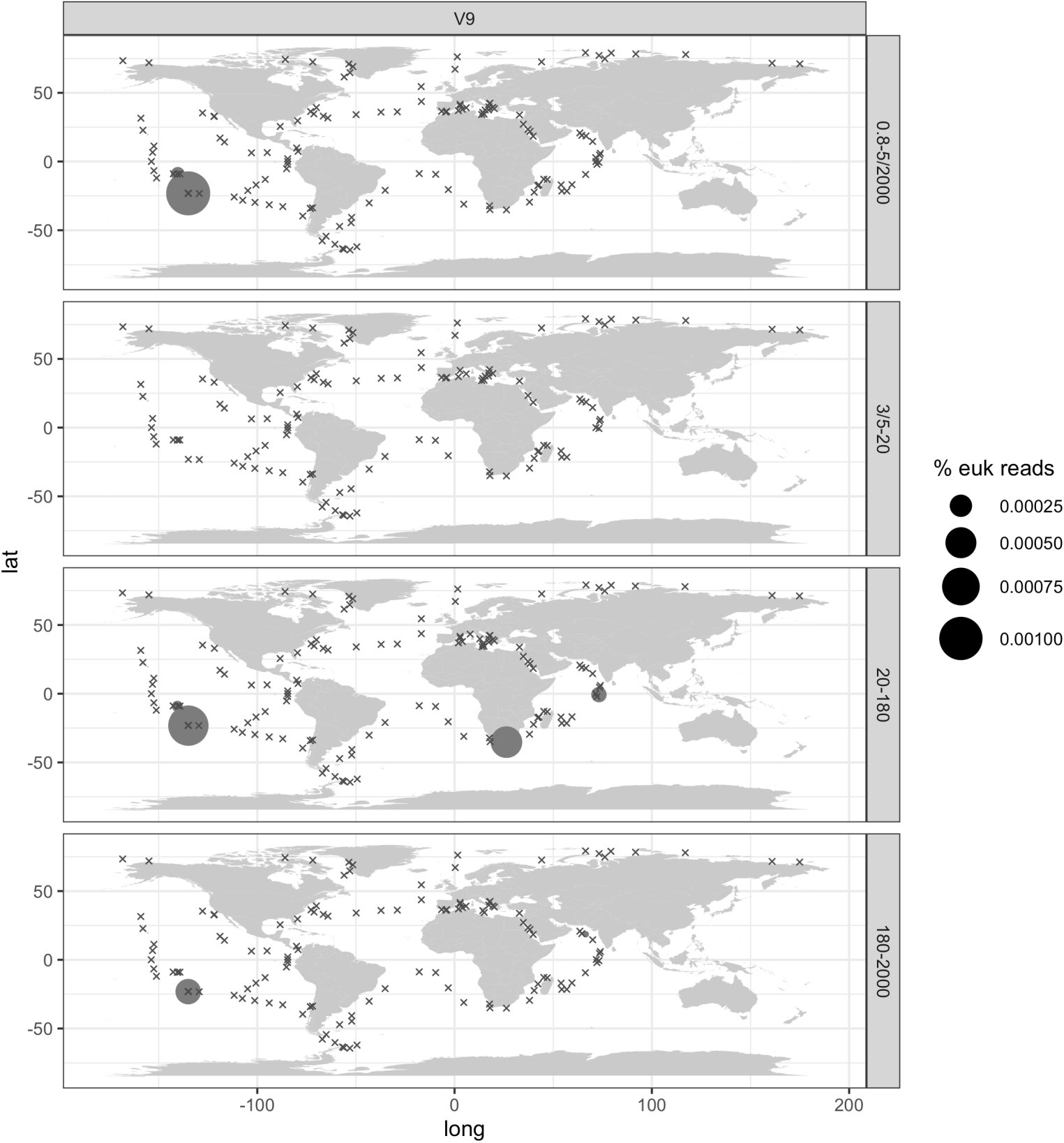
Thalassiothrix | Araphid_pennate



Toxarium | Mediophyceae



Triceratium | Mediophyceae



Trieres/Odontella | Mediophyceae

