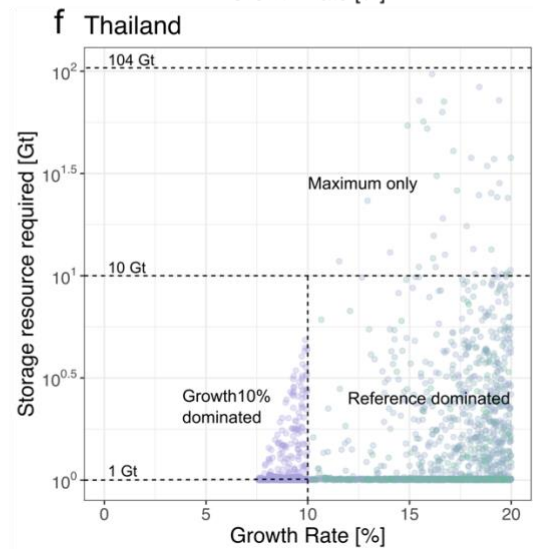
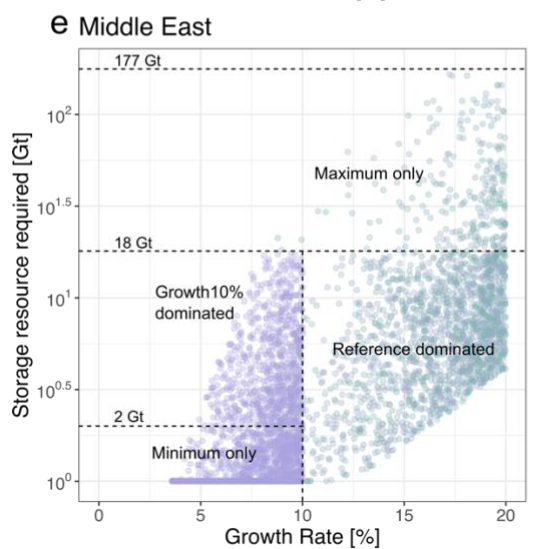
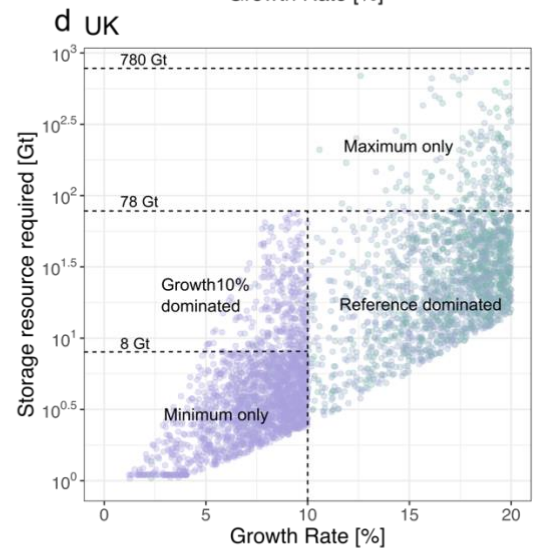
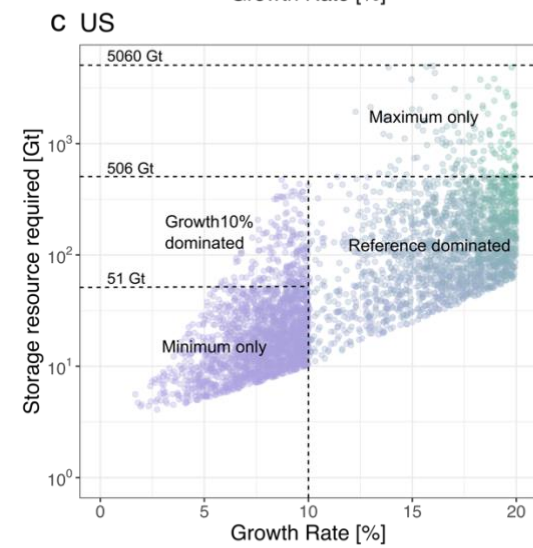
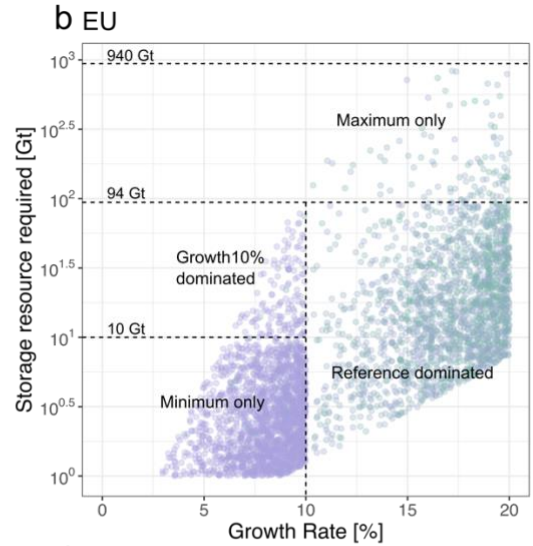
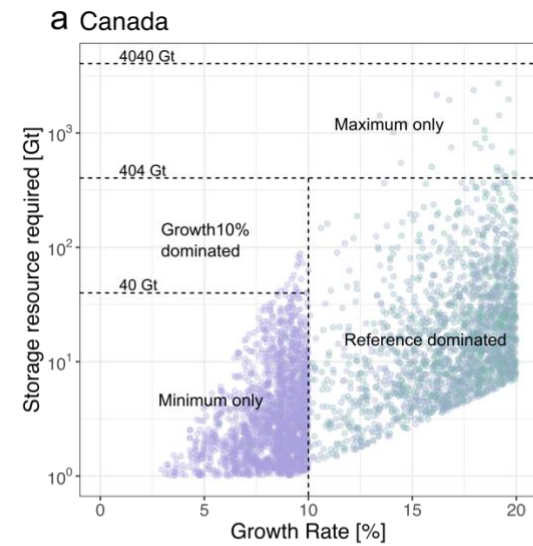


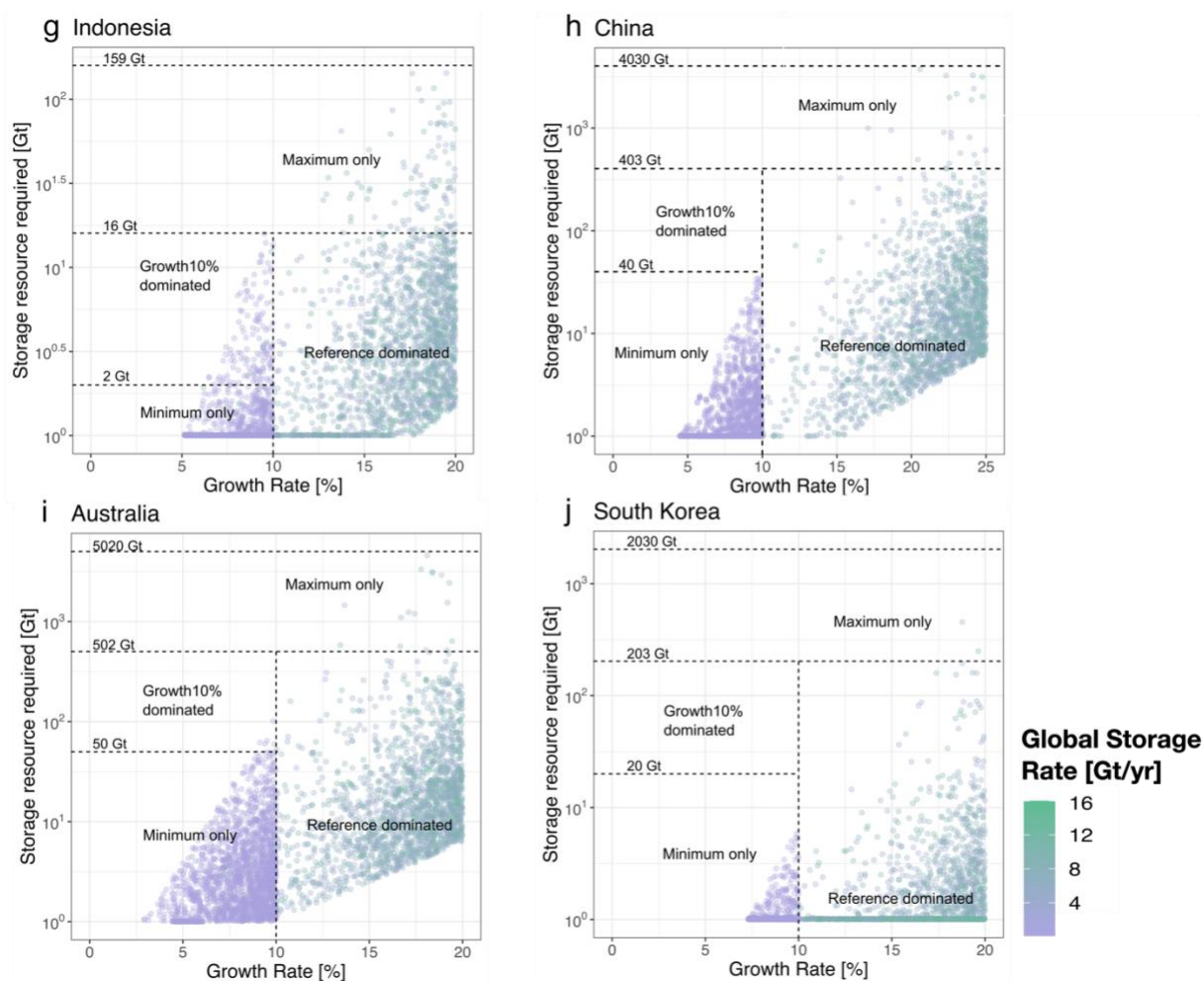
Supplementary Information for the Feasibility of Reaching Gigatonne Scale CO₂ Storage by Mid-century

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Supplementary Figure 1: **a-j** Base results of geographically resolved CO₂ storage scale up modelled for ten selected storage regions. The points in the graphs each represent a modelled scaleup trajectory, parameterised by the growth rate and storage resource, and within regions of the graph corresponding to the reference, minimum, maximum and growth10% scenarios described in Table 1 of main manuscript. The colour of each marker shows the combined global storage rate where this trajectory is included. The minimum storage resource requirement established as a function of growth rate reflects the parametrisation of peak year which is constrained to post-2050. This consideration reflects a simple representation that the lack of long-term viability of CO₂ storage deployment as a result of a small storage resource base is precluded by the model.