

## Appendix B. Results for different assessment units

Supplement to: *Trade-offs in the use of direct and indirect indicators of ecosystem degradation for risk assessment*

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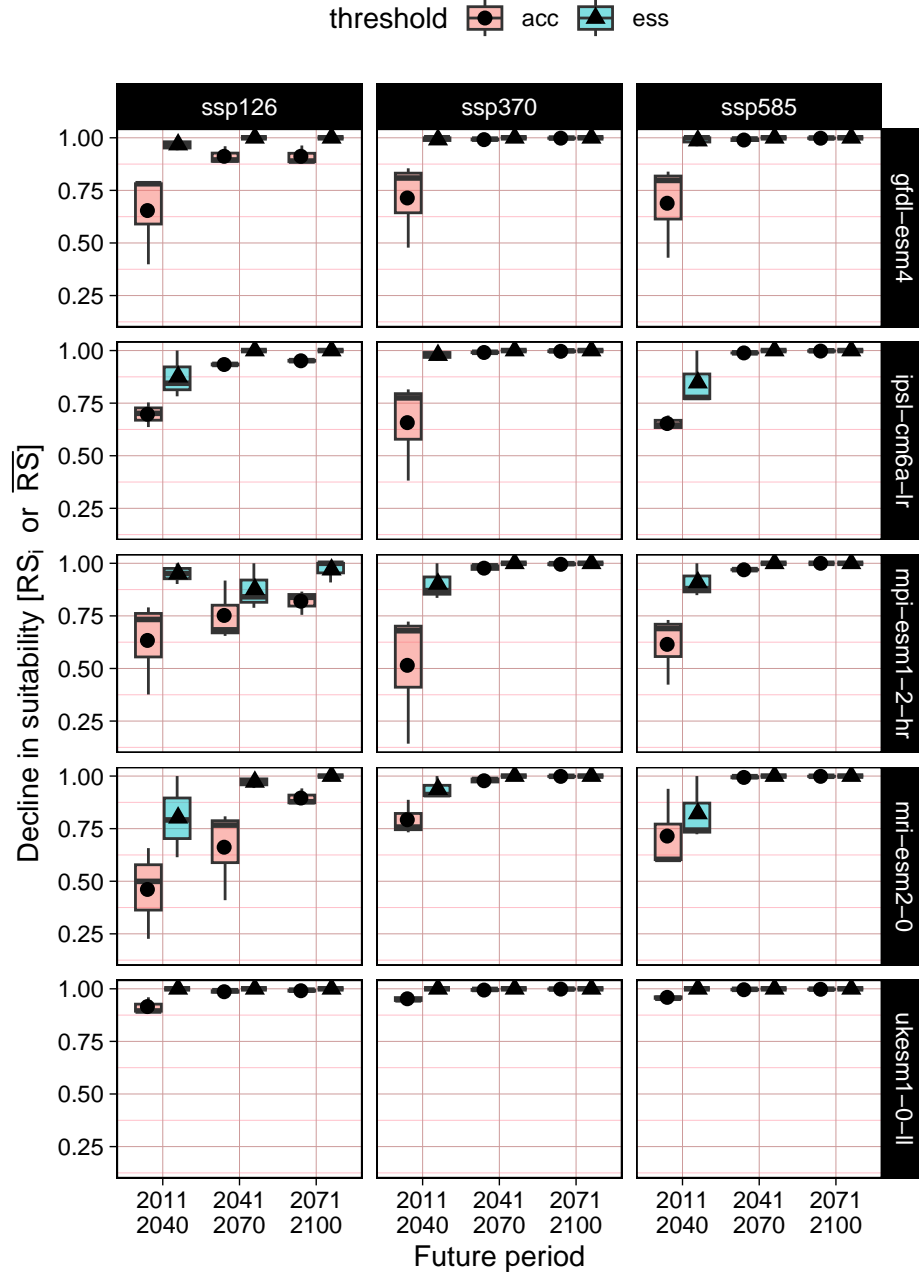
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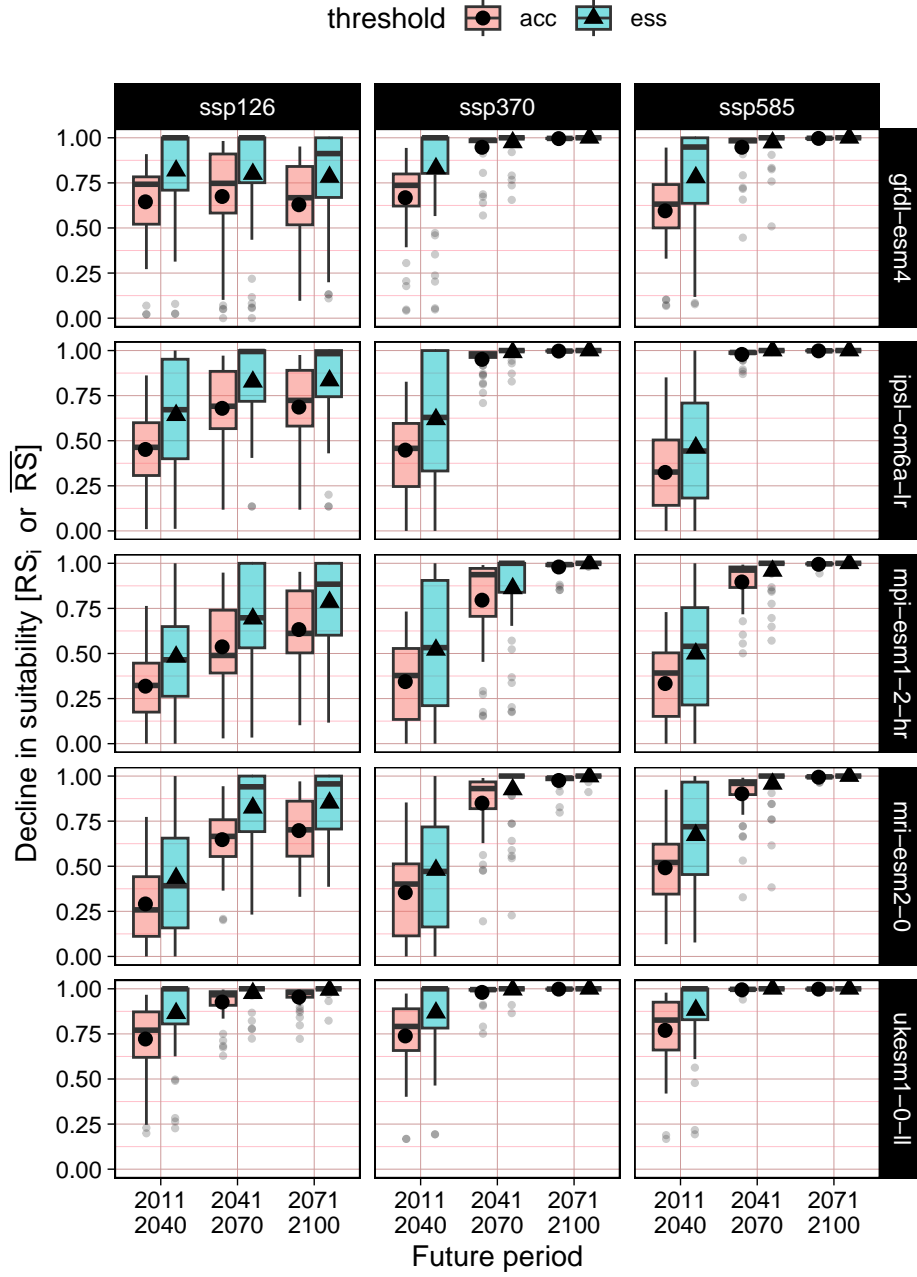
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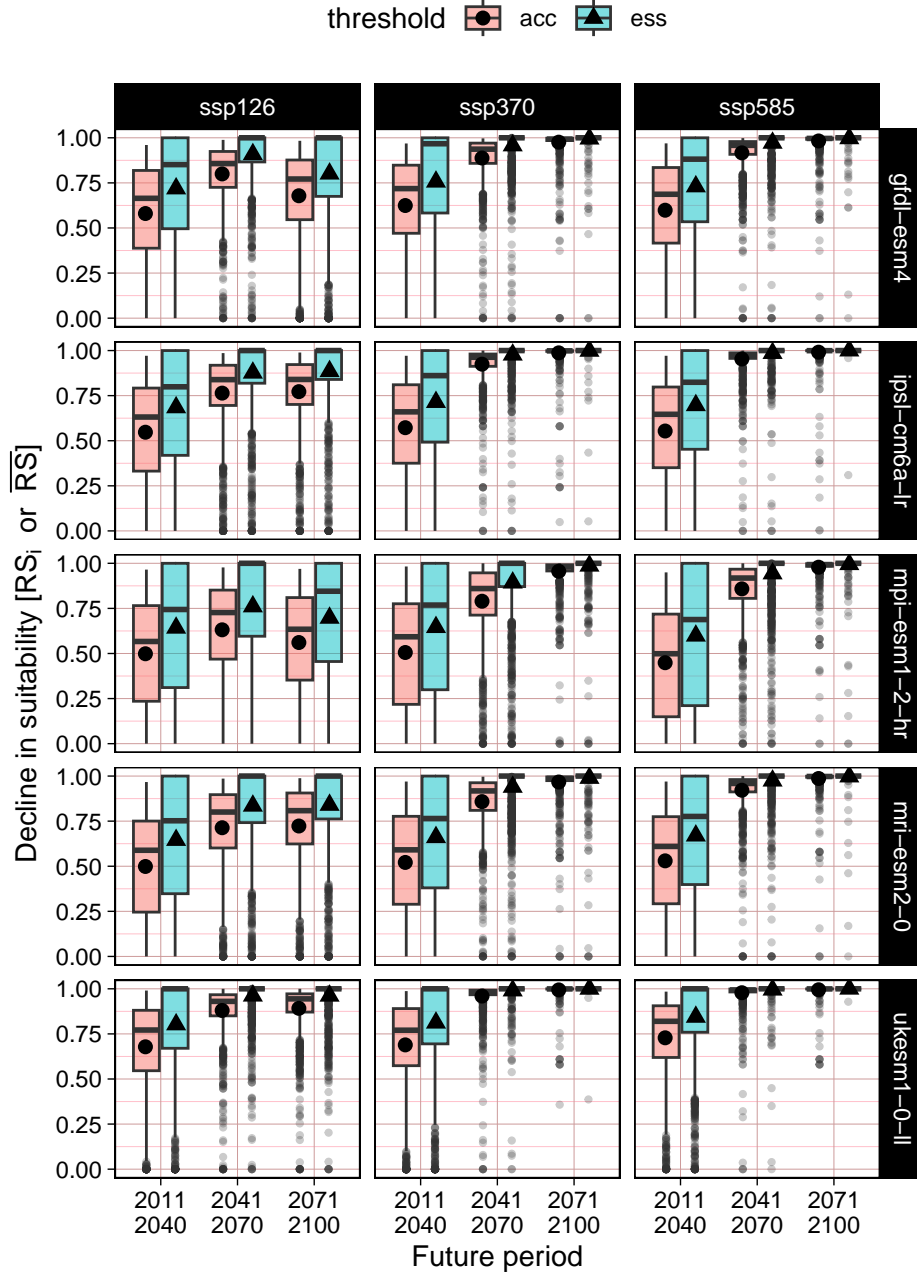
**Figure B1.** Variability of  $RS_i$  (box and whisker plot) and average RS (solid symbols) based on the decline in bioclimatic suitability with two thresholds for the ecosystem type *Tropical glacier ecosystem of Cordillera de Merida* for five Global Circulation Models (rows) and three different Shared Socioeconomic Pathways (columns).



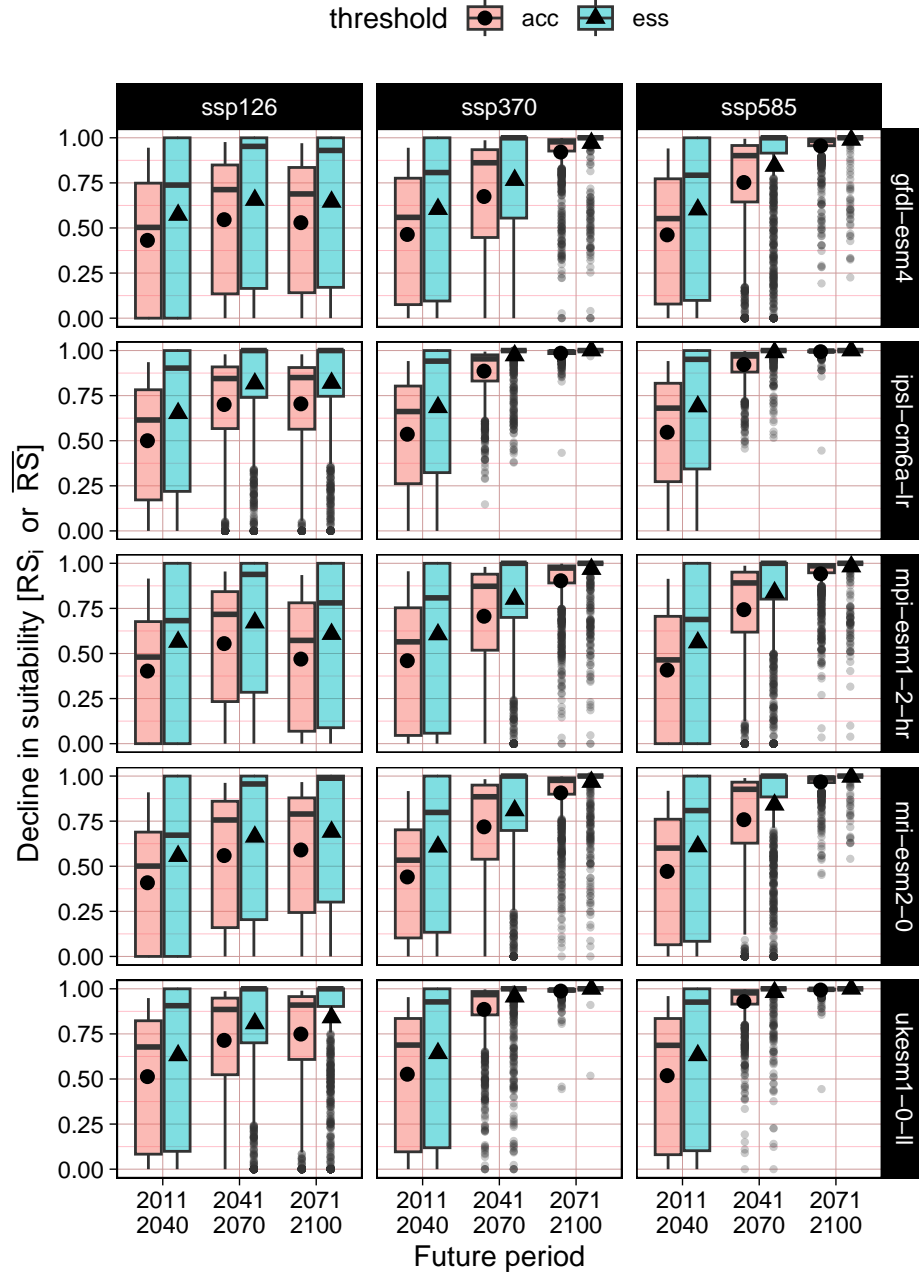
**Figure B2.** Variability of  $RS_i$  (box and whisker plot) and average RS (solid symbols) based on the decline in bioclimatic suitability with two thresholds for the ecosystem type *Tropical glacier ecosystem of Cordilleras de Colombia* for five Global Circulation Models (rows) and three different Shared Socioeconomic Pathways (columns).



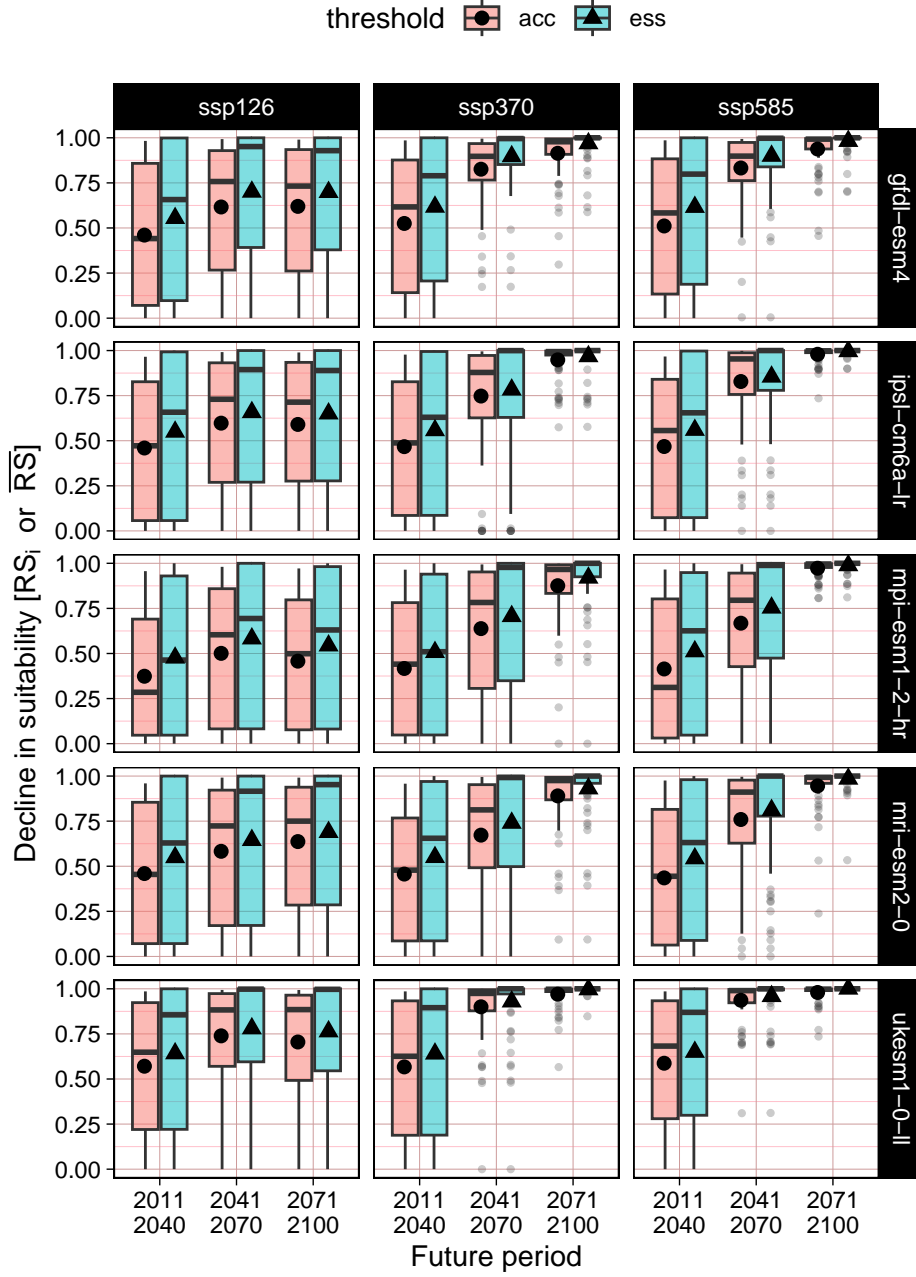
**Figure B3.** Variability of  $RS_i$  (box and whisker plot) and average RS (solid symbols) based on the decline in bioclimatic suitability with two thresholds for the ecosystem type *Tropical glacier ecosystem of Cordilleras Norte de Peru* for five Global Circulation Models (rows) and three different Shared Socioeconomic Pathways (columns).



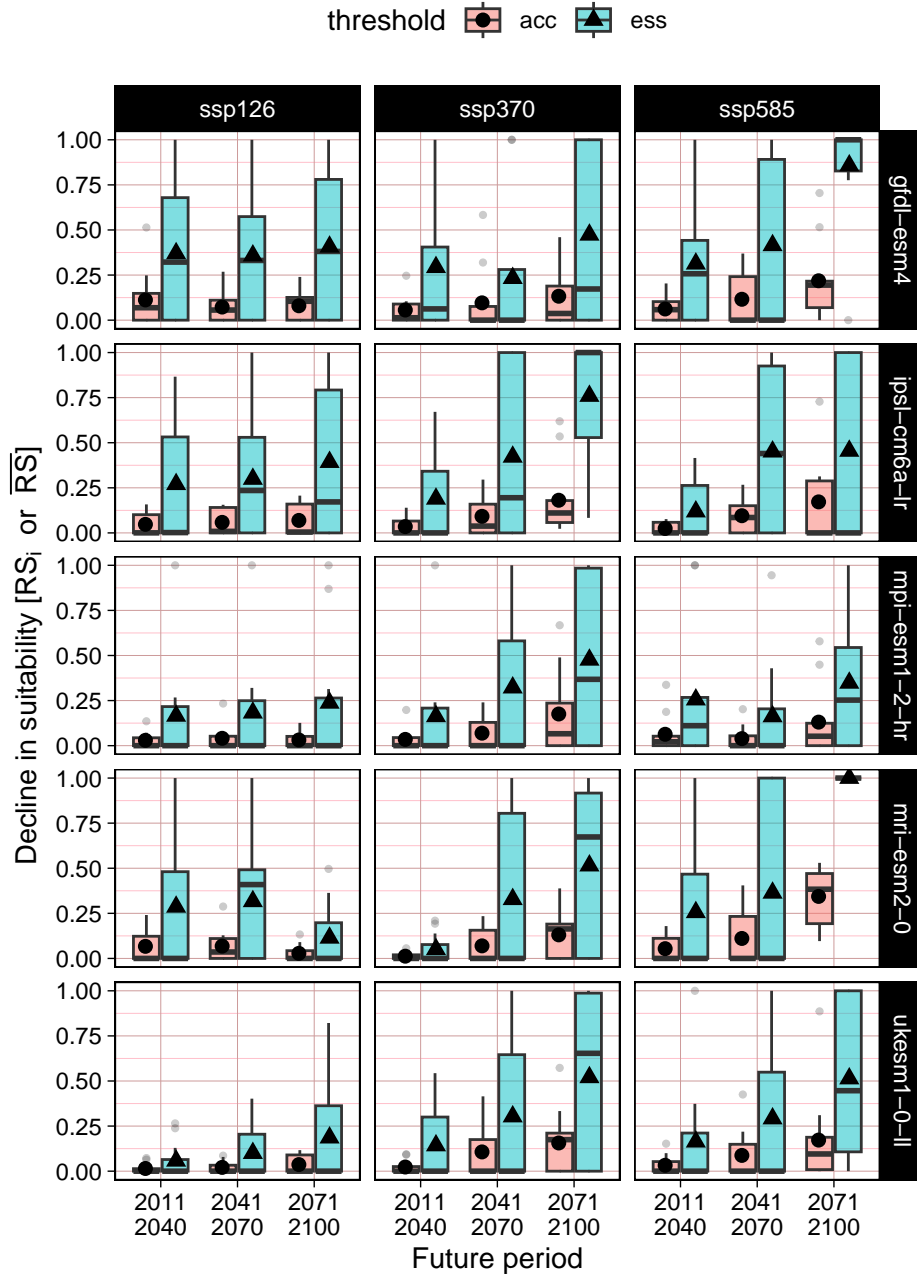
**Figure B4.** Variability of  $RS_i$  (box and whisker plot) and average RS (solid symbols) based on the decline in bioclimatic suitability with two thresholds for the ecosystem type *Tropical glacier ecosystem of Cordilleras Orientales de Peru y Bolivia* for five Global Circulation Models (rows) and three different Shared Socioeconomic Pathways (columns).



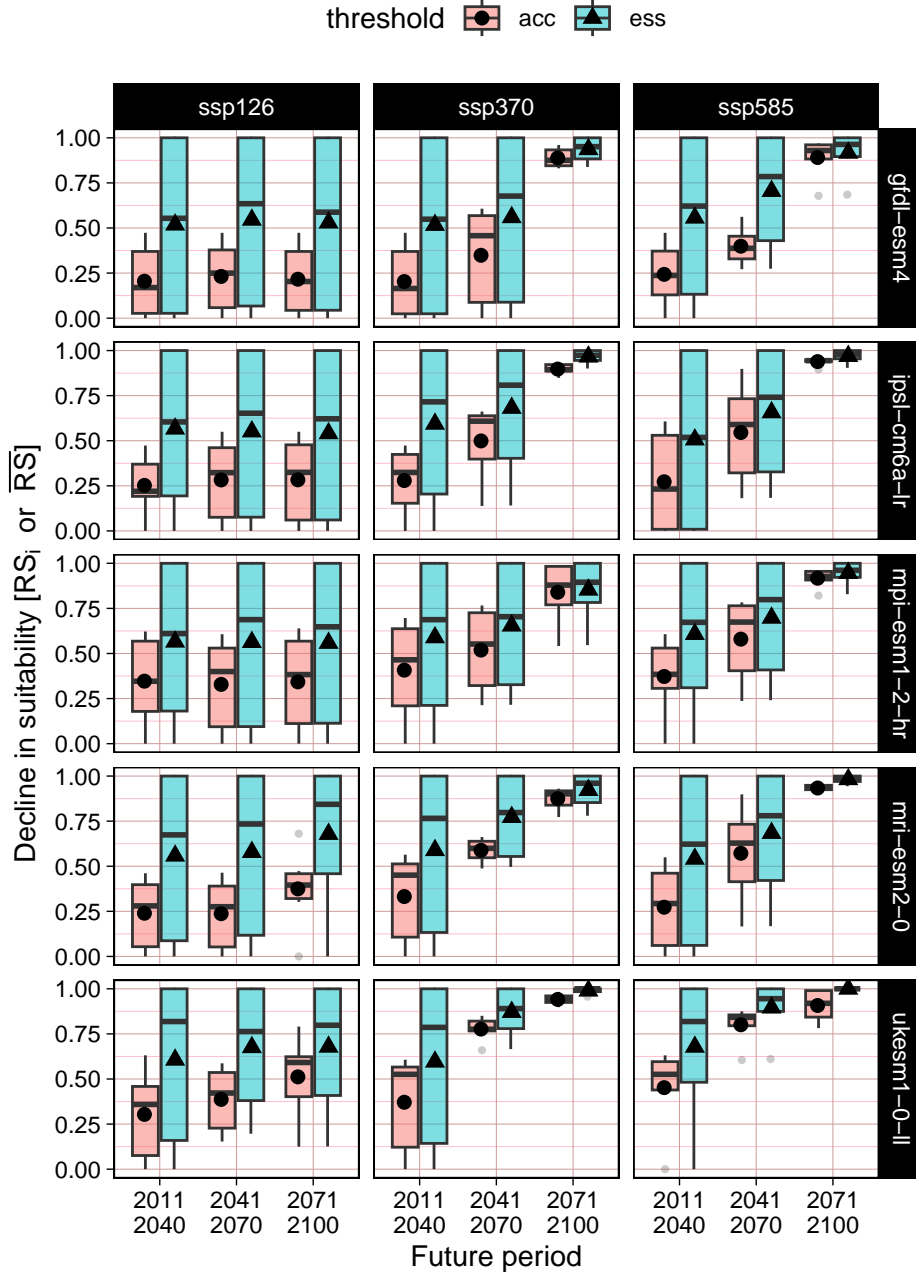
**Figure B5.** Variability of  $RS_i$  (box and whisker plot) and average RS (solid symbols) based on the decline in bioclimatic suitability with two thresholds for the ecosystem type *Tropical glacier ecosystem of Ecuador* for five Global Circulation Models (rows) and three different Shared Socioeconomic Pathways (columns).



**Figure B6.** Variability of  $RS_i$  (box and whisker plot) and average RS (solid symbols) based on the decline in bioclimatic suitability with two thresholds for the ecosystem type *Tropical glacier ecosystem of Kilimanjaro* for five Global Circulation Models (rows) and three different Shared Socioeconomic Pathways (columns).

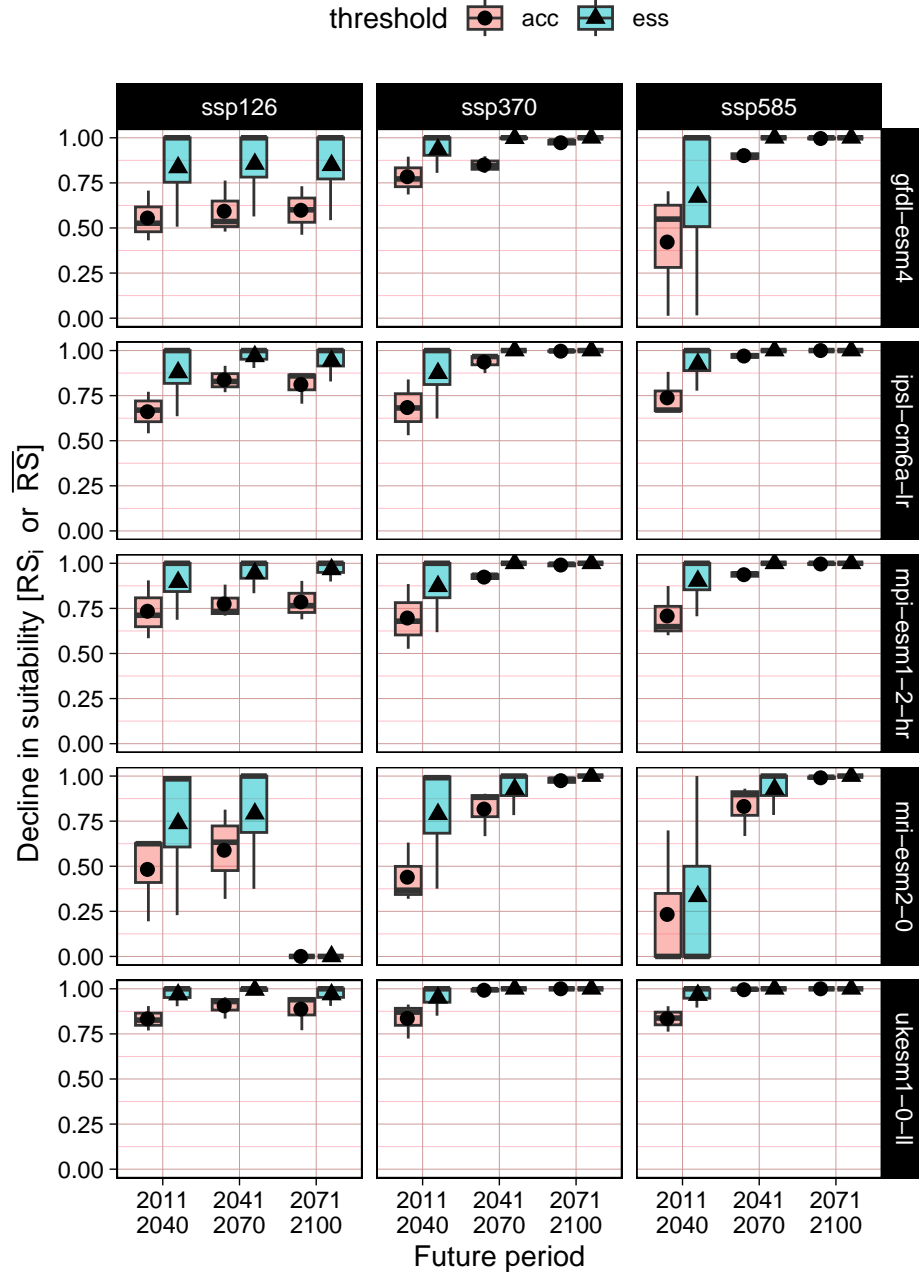


**Figure B7.** Variability of  $RS_i$  (box and whisker plot) and average RS (solid symbols) based on the decline in bioclimatic suitability with two thresholds for the ecosystem type *Tropical glacier ecosystem of Mexico* for five Global Circulation Models (rows) and three different Shared Socioeconomic Pathways (columns).

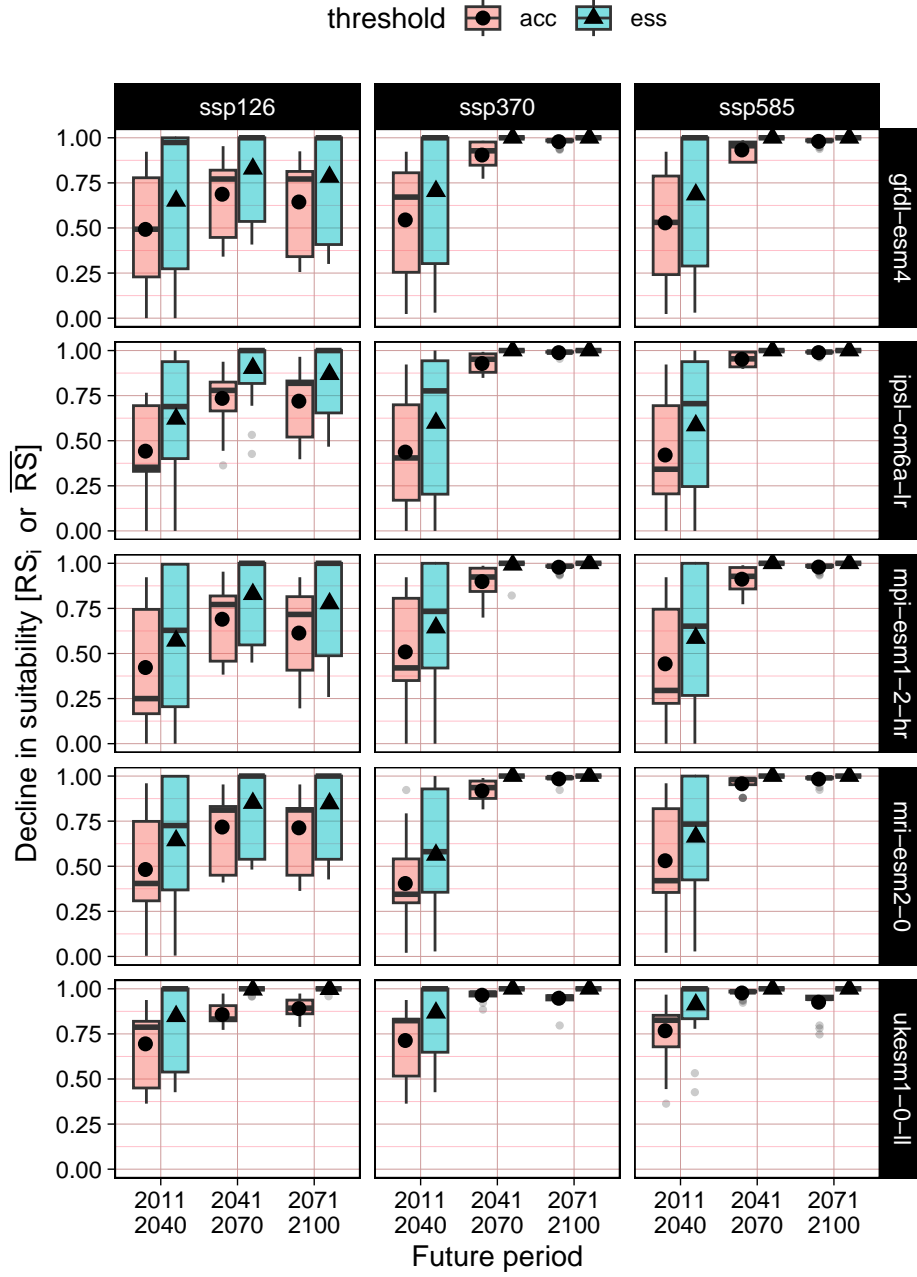




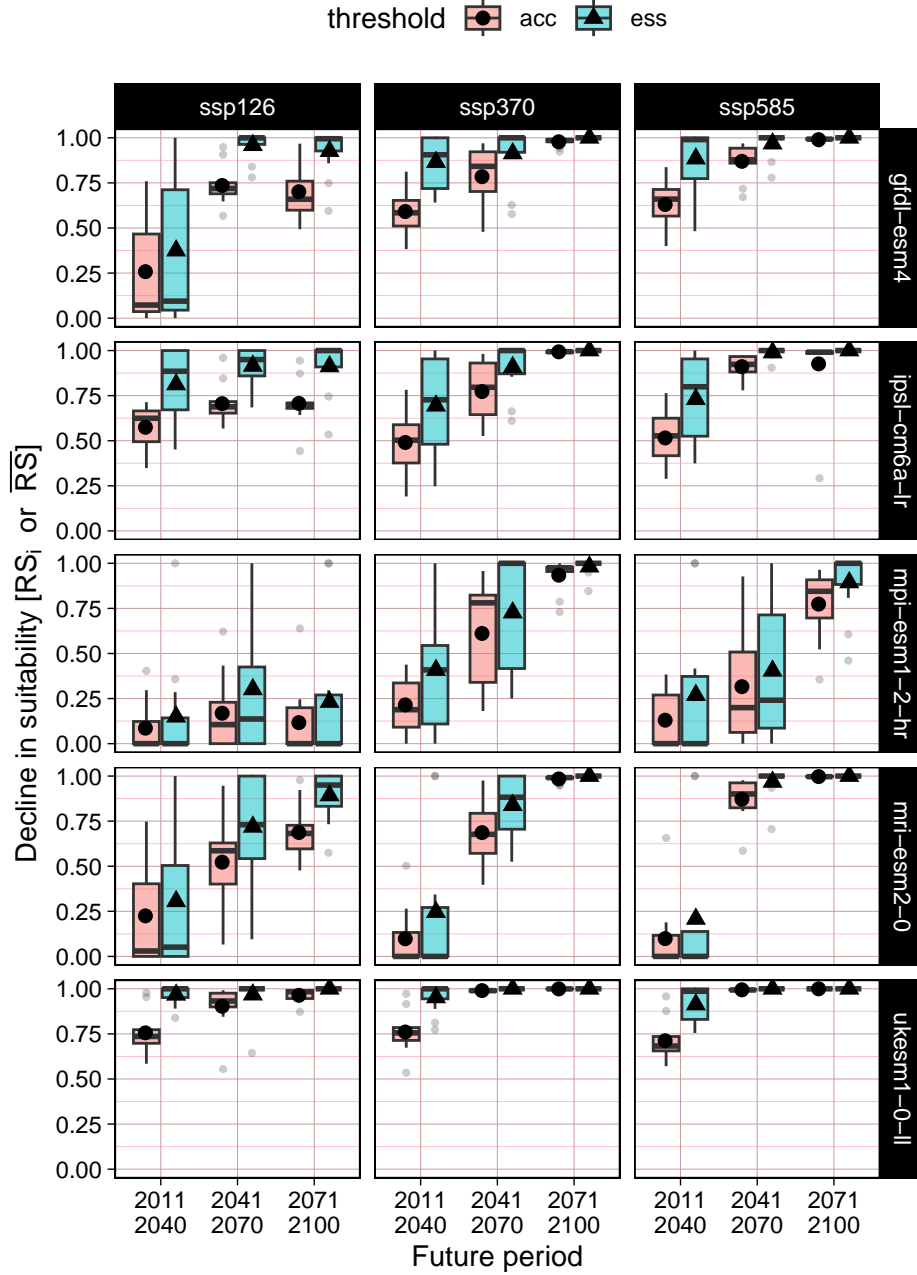
**Figure B8.** Variability of  $RS_i$  (box and whisker plot) and average RS (solid symbols) based on the decline in bioclimatic suitability with two thresholds for the ecosystem type *Tropical glacier ecosystem of Mount Kenia* for five Global Circulation Models (rows) and three different Shared Socioeconomic Pathways (columns).



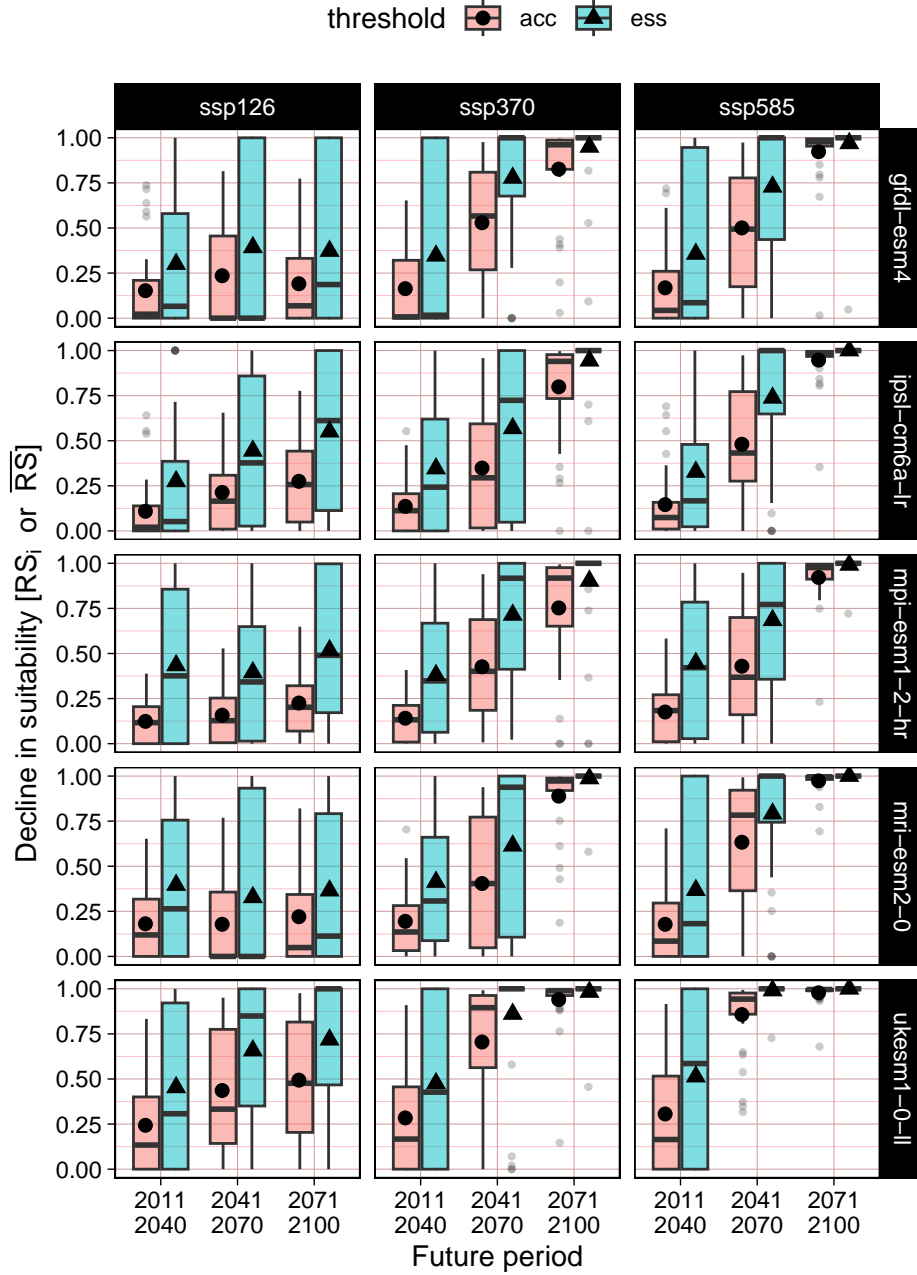
**Figure B9.** Variability of  $RS_i$  (box and whisker plot) and average RS (solid symbols) based on the decline in bioclimatic suitability with two thresholds for the ecosystem type *Tropical glacier ecosystem of Puncak Jaya* for five Global Circulation Models (rows) and three different Shared Socioeconomic Pathways (columns).



**Figure B10.** Variability of  $RS_i$  (box and whisker plot) and average RS (solid symbols) based on the decline in bioclimatic suitability with two thresholds for the ecosystem type *Tropical glacier ecosystem of Ruwenzori* for five Global Circulation Models (rows) and three different Shared Socioeconomic Pathways (columns).



**Figure B11.** Variability of  $RS_i$  (box and whisker plot) and average RS (solid symbols) based on the decline in bioclimatic suitability with two thresholds for the ecosystem type *Tropical glacier ecosystem of Sierra Nevada de Santa Marta* for five Global Circulation Models (rows) and three different Shared Socioeconomic Pathways (columns).



**Figure B12.** Variability of  $RS_i$  (box and whisker plot) and average RS (solid symbols) based on the decline in bioclimatic suitability with two thresholds for the ecosystem type *Tropical glacier ecosystem of Volcanos de Peru y Chile* for five Global Circulation Models (rows) and three different Shared Socioeconomic Pathways (columns).

