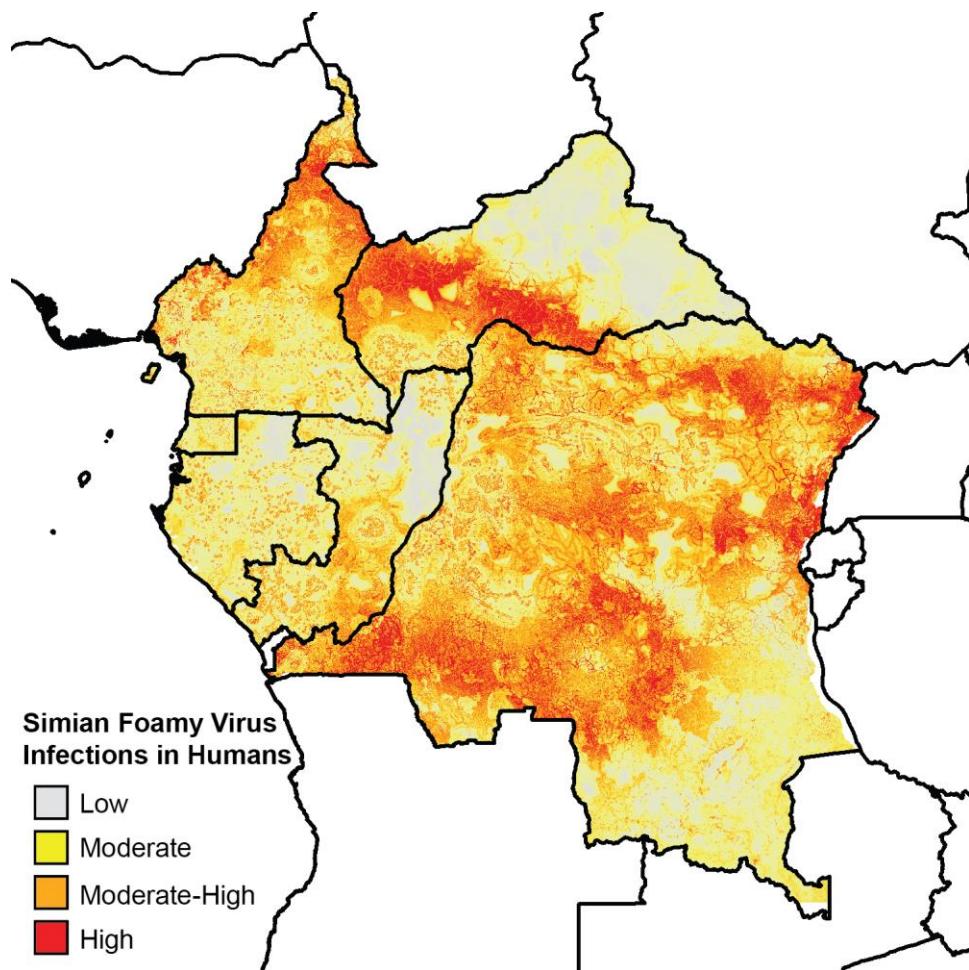
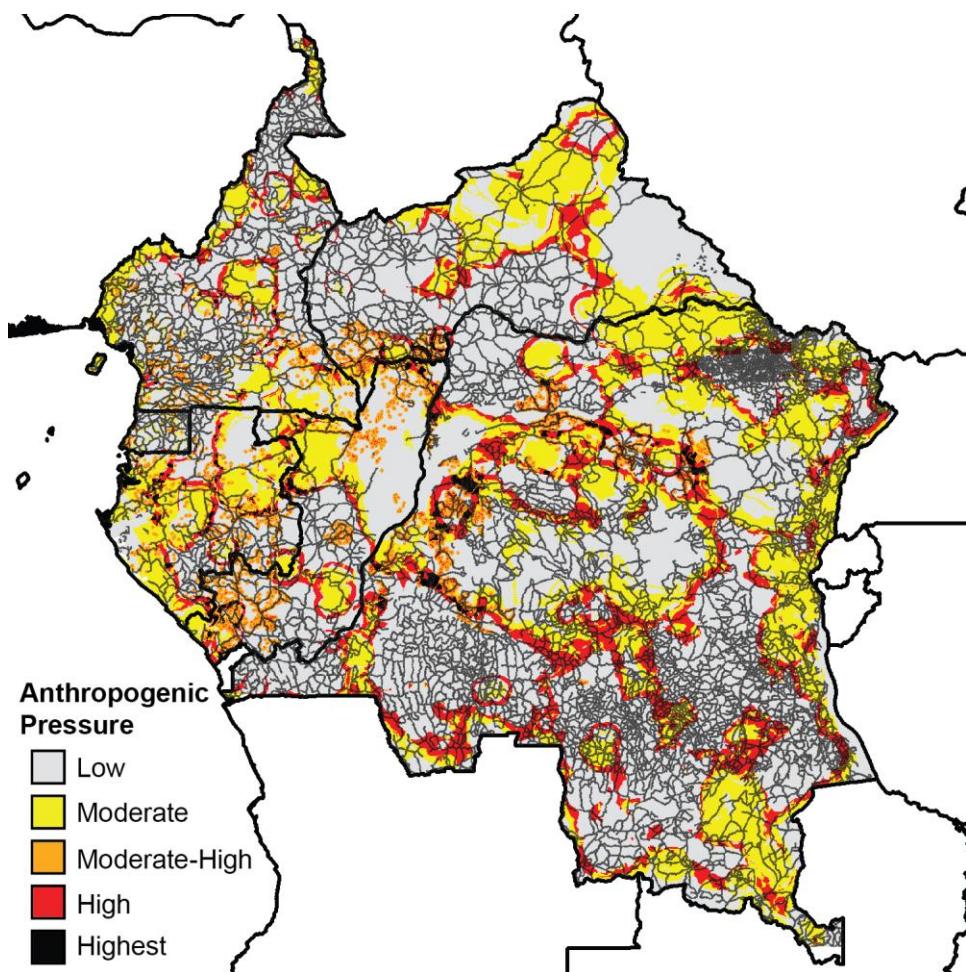


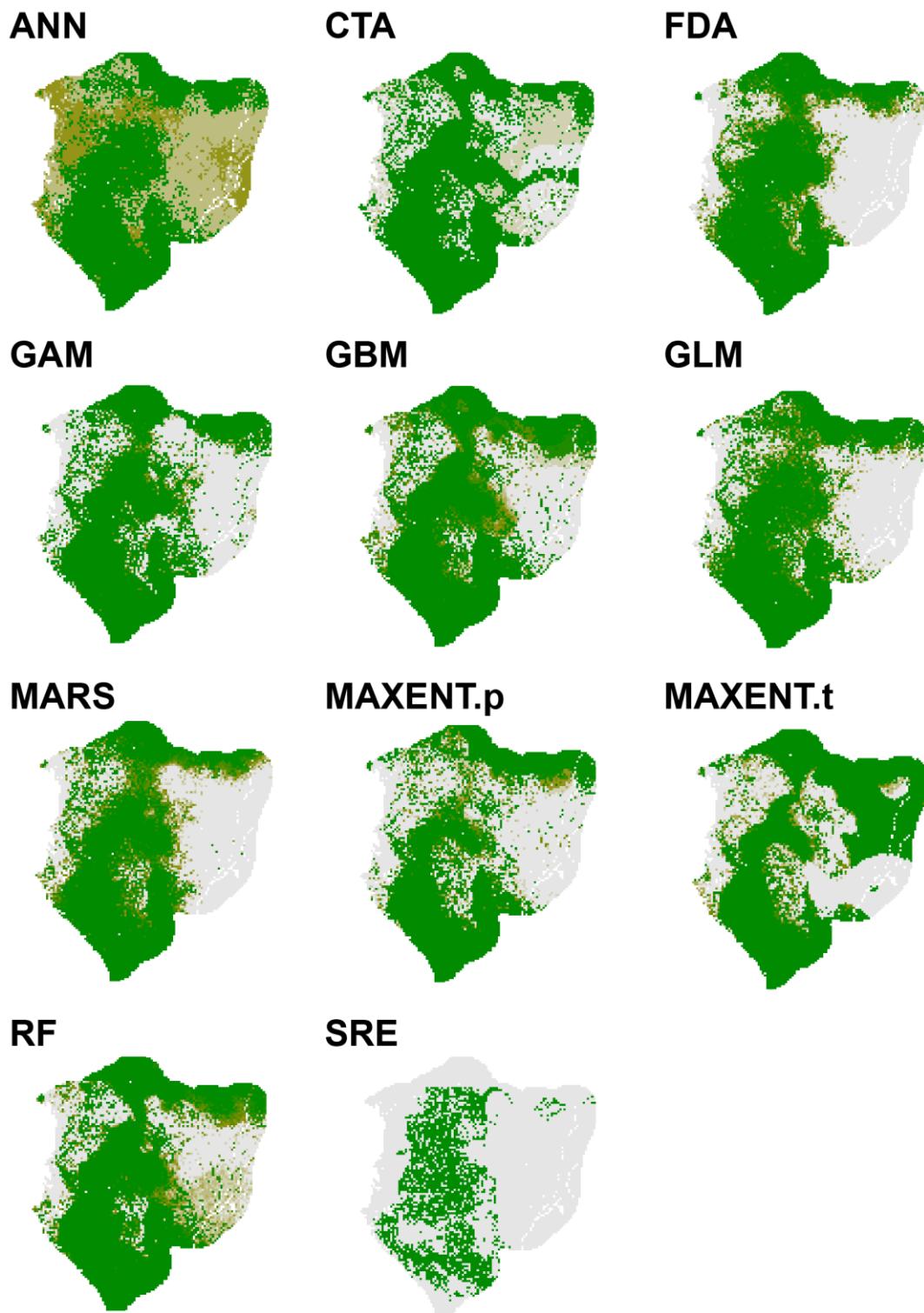
## Appendices

**Appendix 2.1** – Projected model of Simian Foamy Virus (SFV) infections in humans as a function of measures of anthropogenic pressures and encroachment activities.

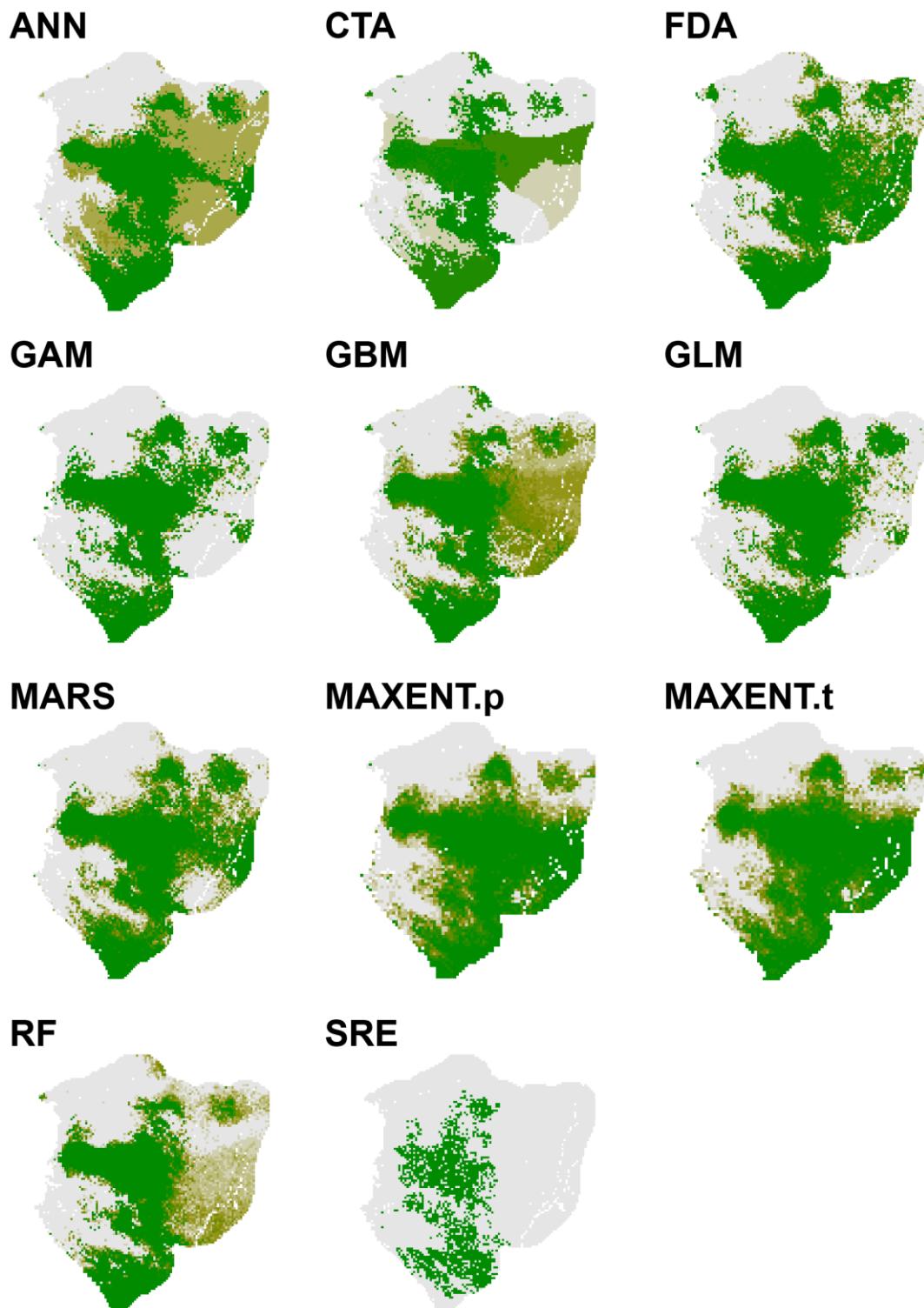


**Appendix 2.2 – High anthropogenic pressure with major roads across the Congo Basin.**

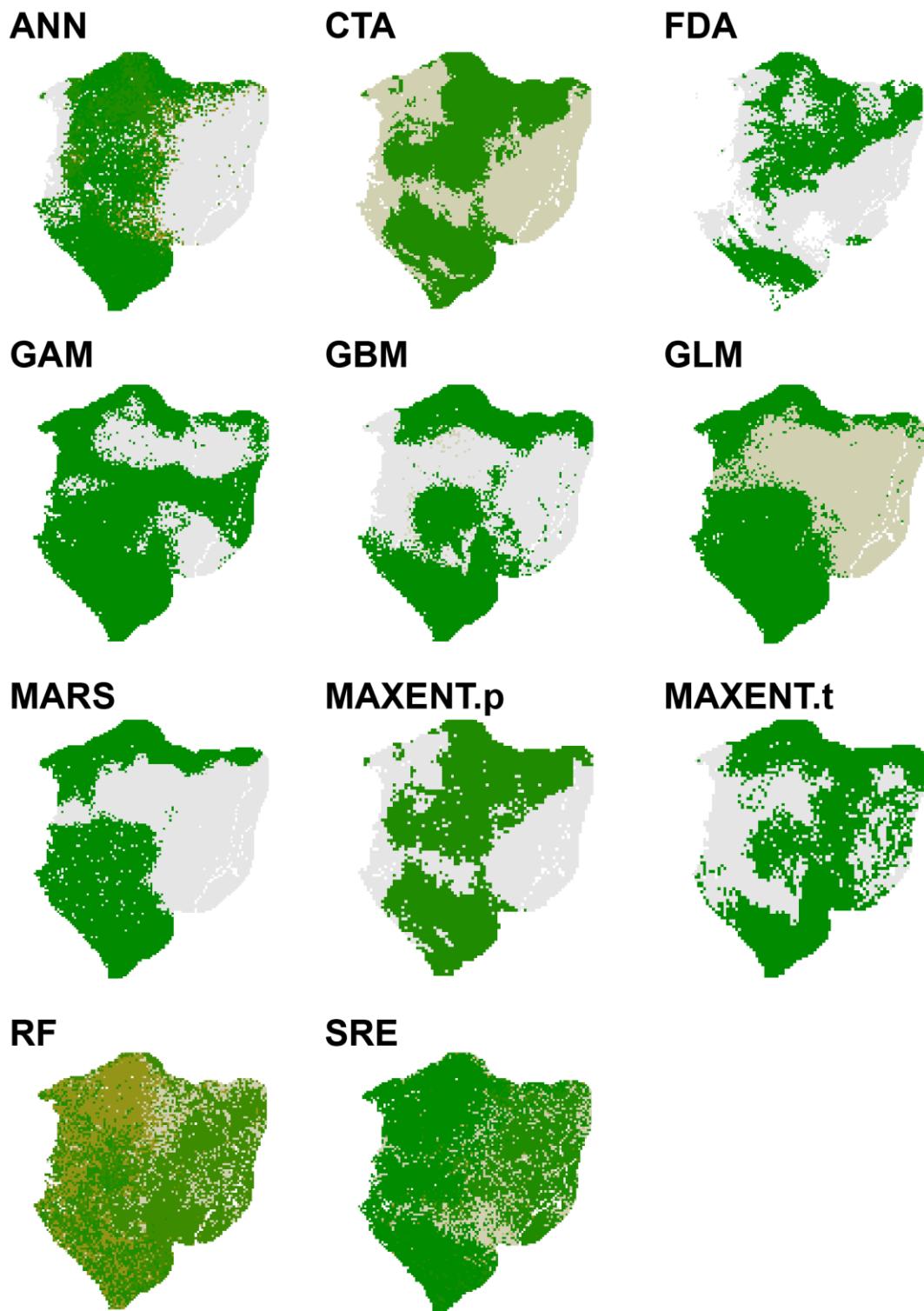
**Appendix 2.3 – Contributing niche models to occurrence ensembles for Ebola virus infections in *Pan troglodytes ellioti*.**



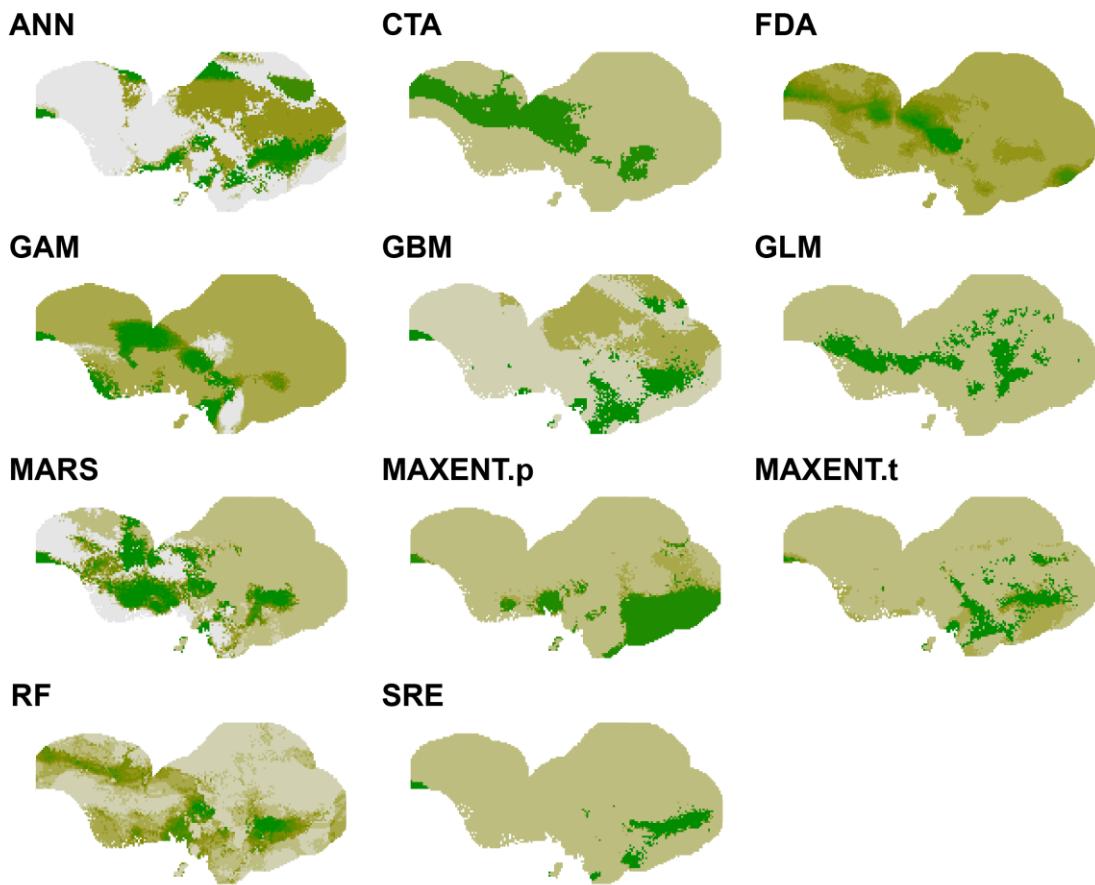
**Appendix 2.4 – Contributing niche models to occurrence ensembles for Ebola virus infections in *Gorilla gorilla gorilla*.**



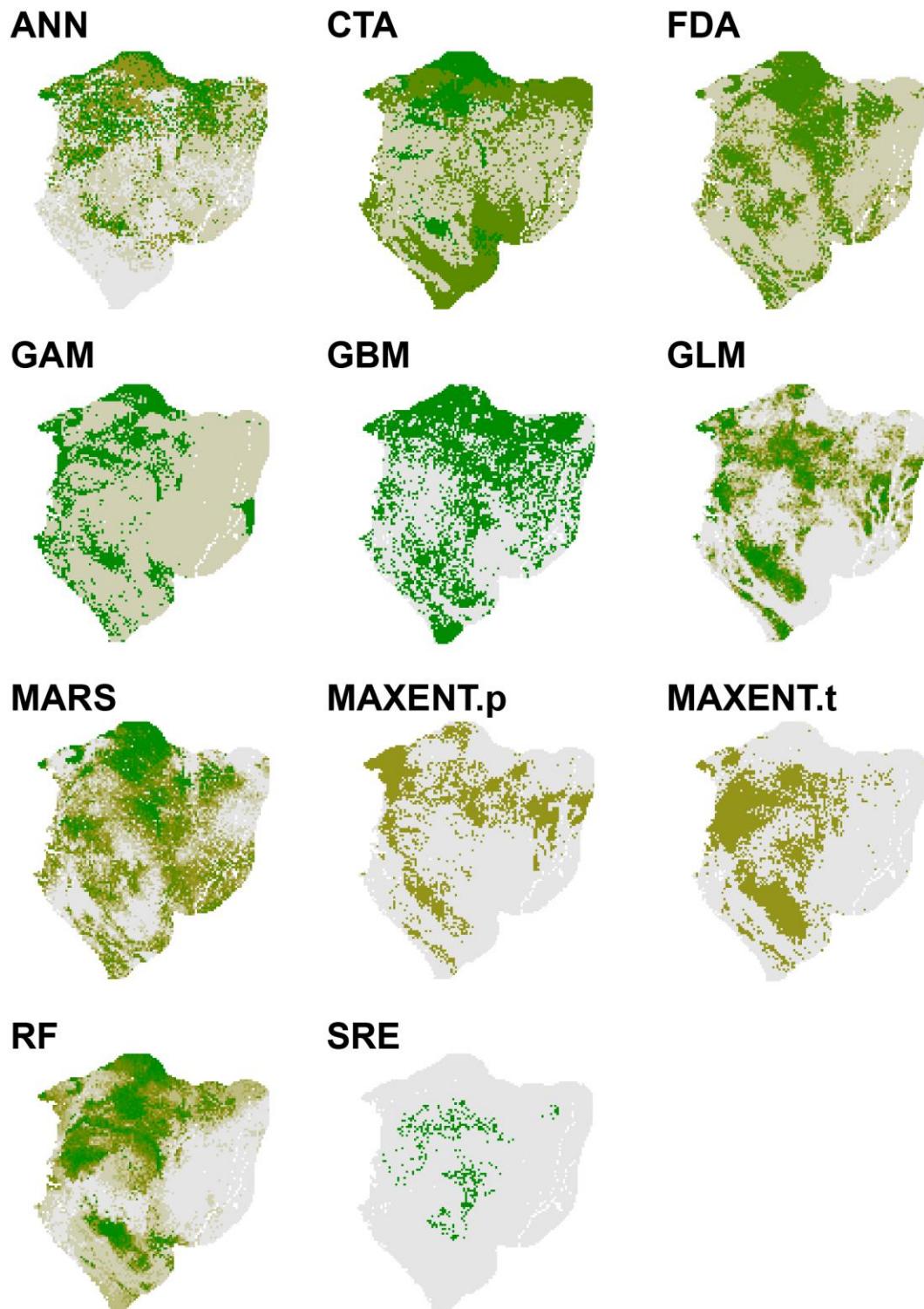
**Appendix 2.5 – Contributing niche models to occurrence ensembles for Ebola virus infections in both *Pan troglodytes ellioti* and *Gorilla gorilla gorilla* combined.**



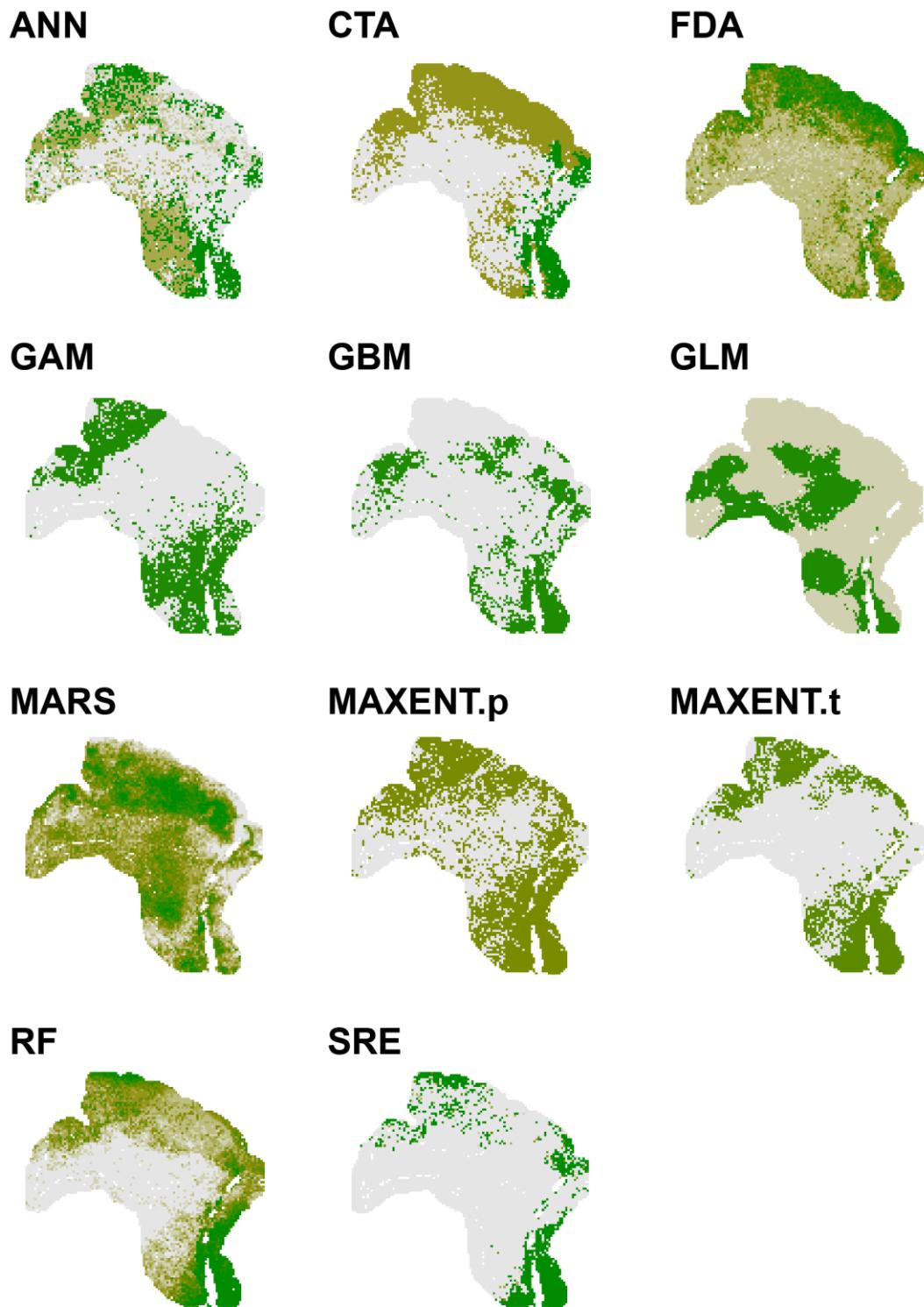
**Appendix 2.6 – Contributing niche models to occurrence ensembles for Simian Foamy Virus (SFV) infections in *Pan troglodytes ellioti*.**



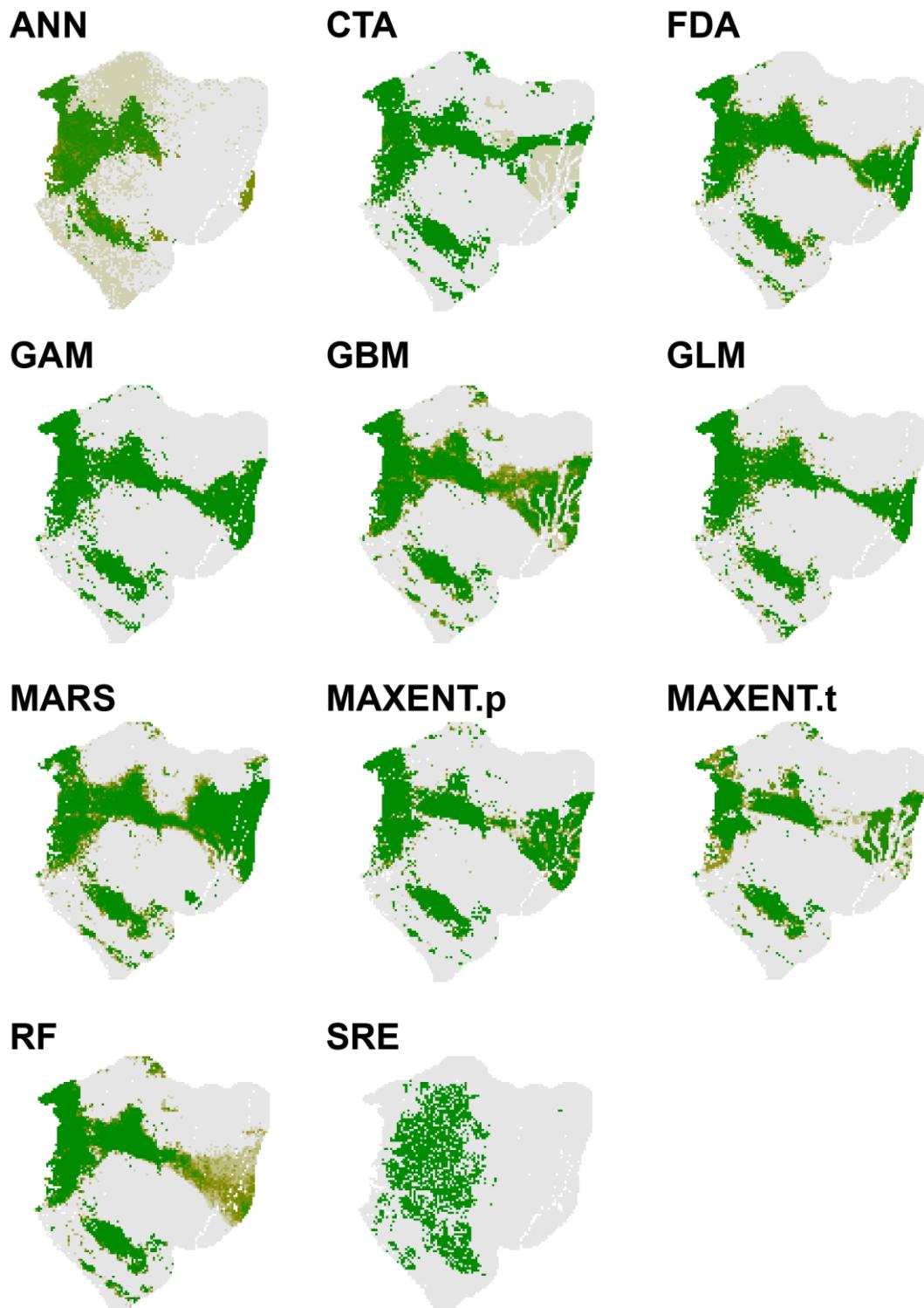
**Appendix 2.7 – Contributing niche models to occurrence ensembles for Simian Foamy Virus (SFV) infections in *Pan troglodytes troglodytes*.**



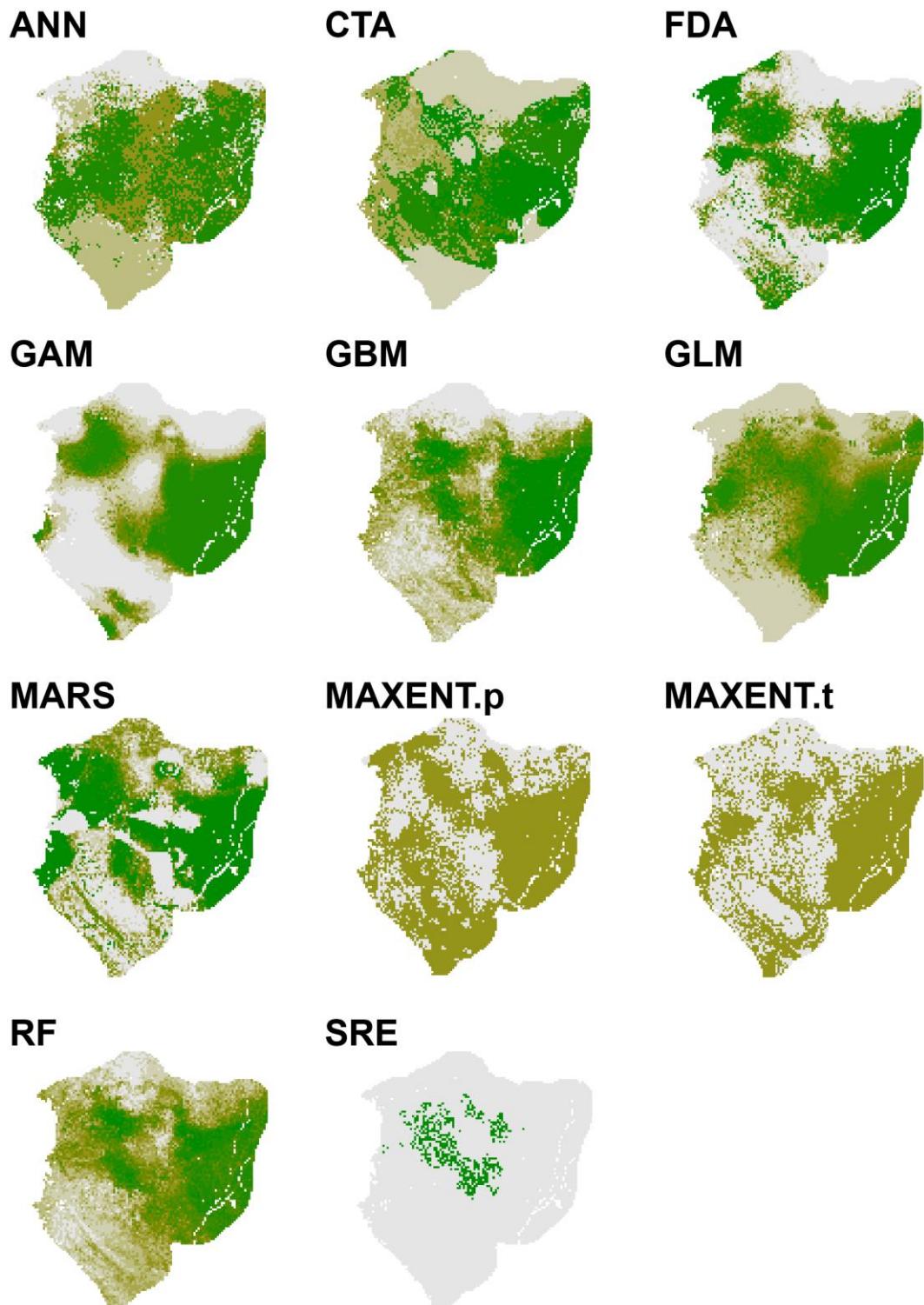
**Appendix 2.8 – Contributing niche models to occurrence ensembles for Simian Foamy Virus (SFV) infections in *Pan troglodytes schweinfurthii*.**



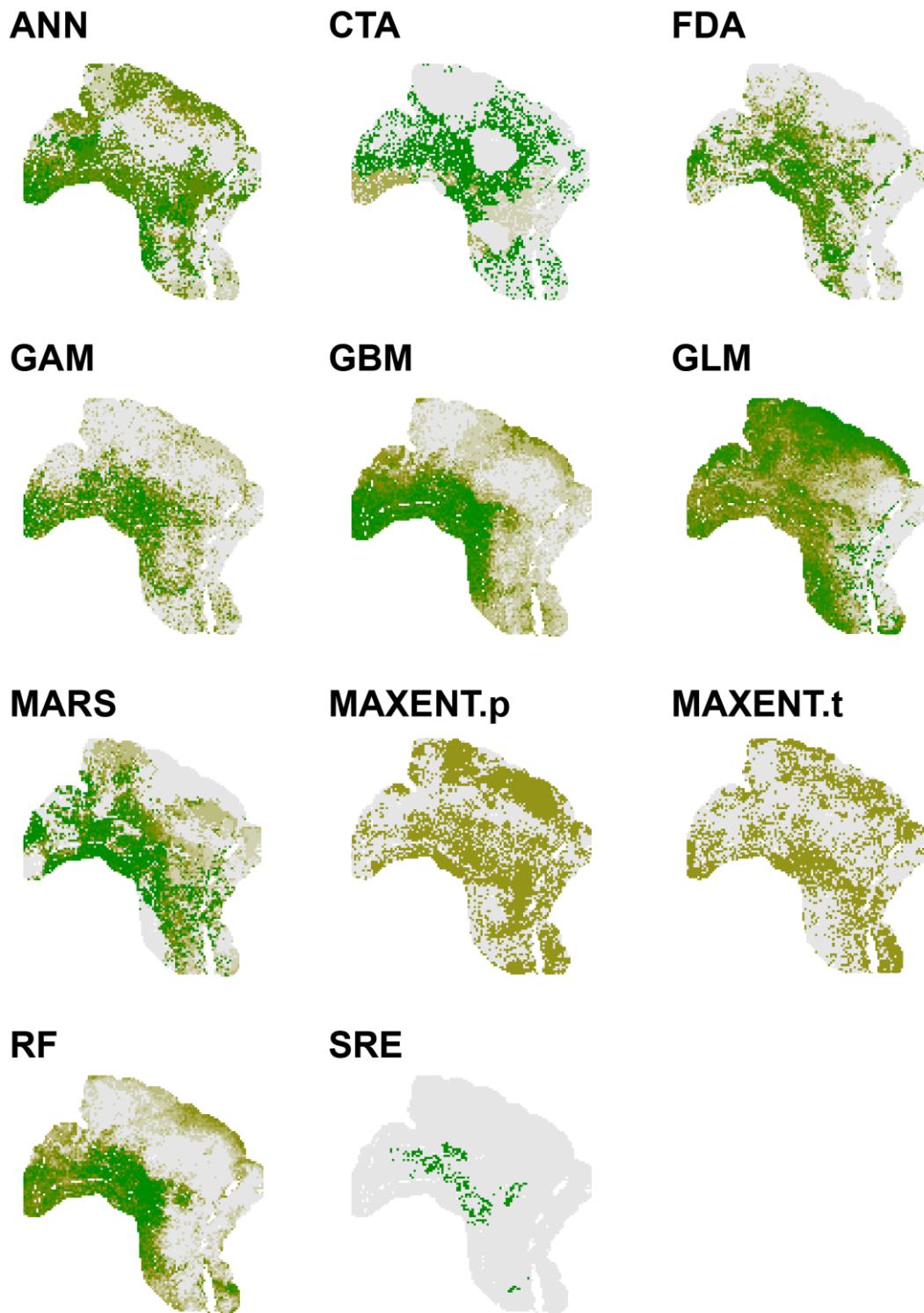
**Appendix 2.9 – Contributing niche models to occurrence ensembles for Simian Immunodeficiency Virus (SIV) infections in *Gorilla gorilla gorilla*.**



**Appendix 2.10 – Contributing niche models to occurrence ensembles for Simian Immunodeficiency Virus (SIV) infections in *Pan troglodytes troglodytes*.**



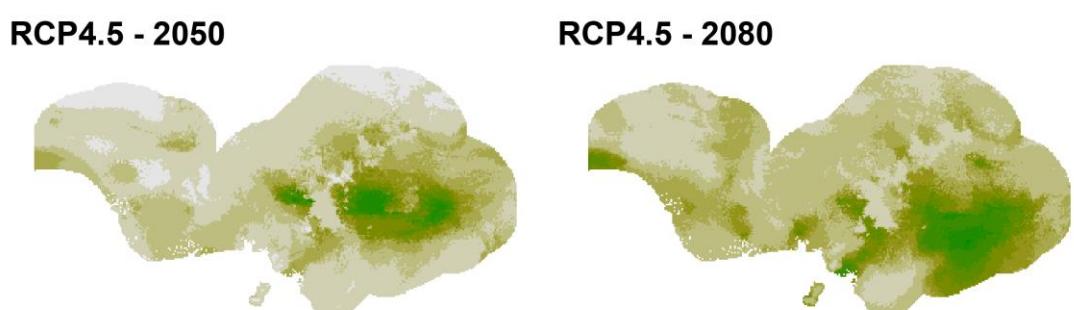
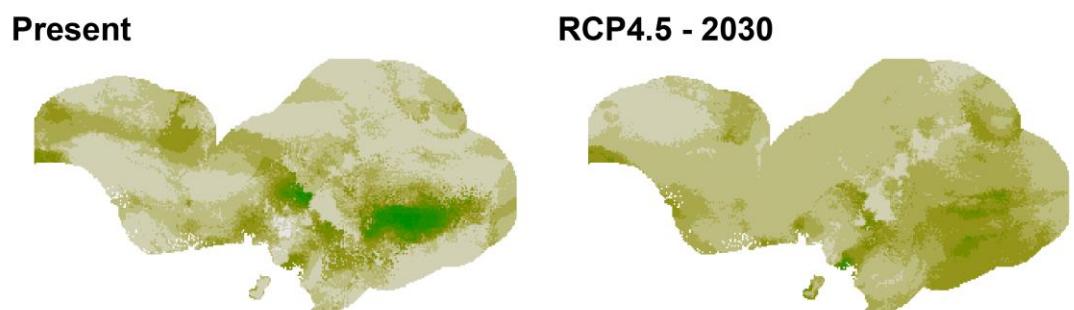
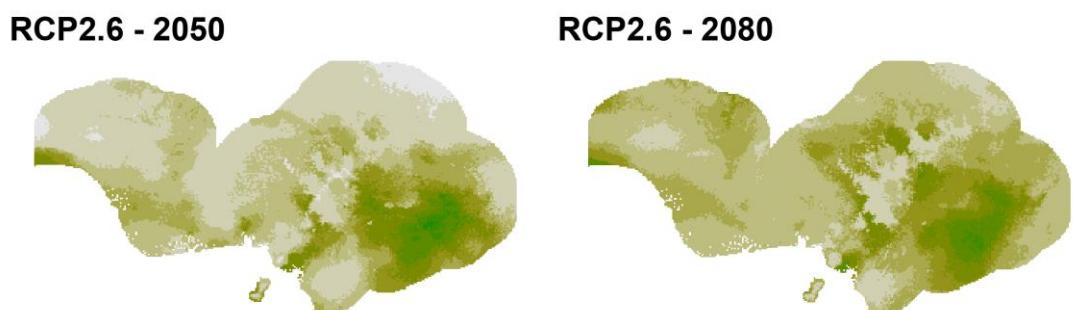
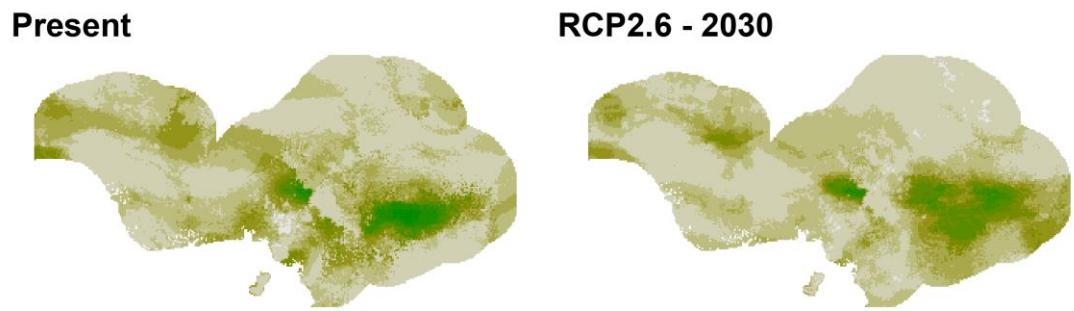
**Appendix 2.11 – Contributing niche models to occurrence ensembles for Simian Immunodeficiency Virus (SIV) infections in *Pan troglodytes schweinfurthii*.**

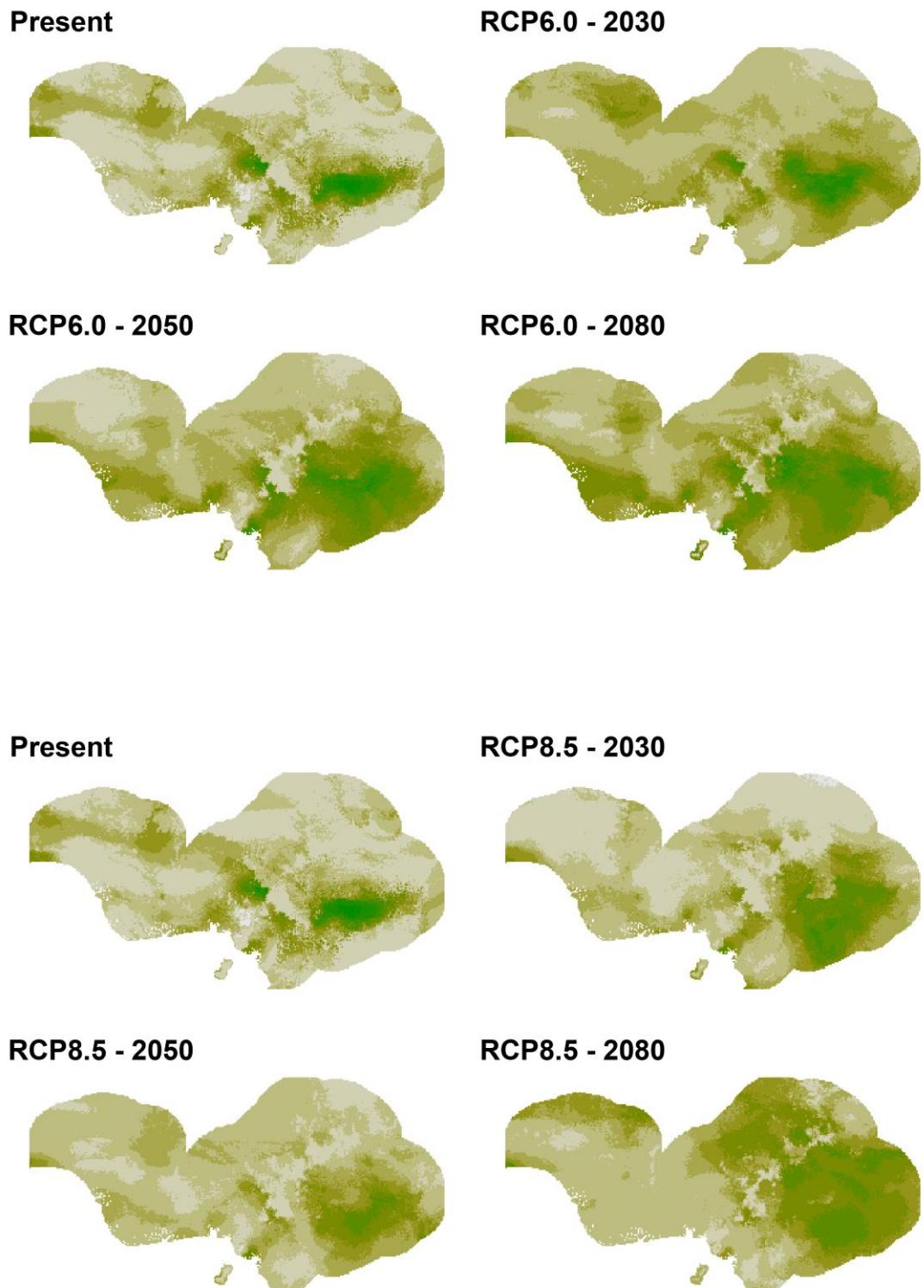


**Appendix 3.1 – Top contributing variables to models of Simian Foamy Virus (SFV) and Simian Immunodeficiency Virus (SIV) occurrence in chimpanzees across Central Africa.**

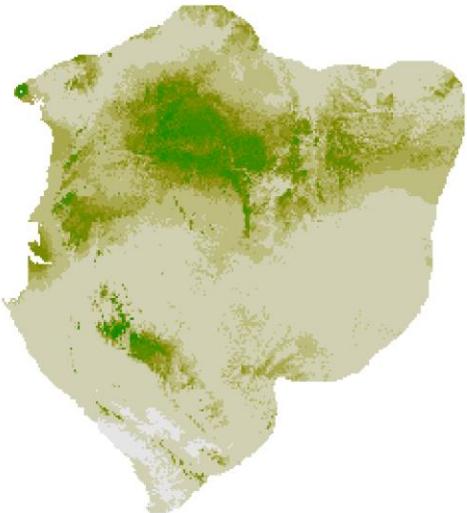
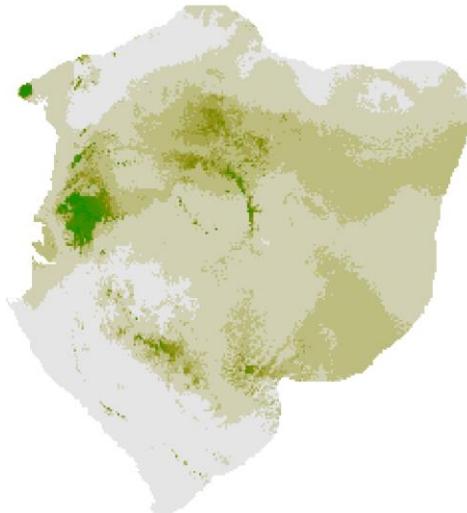
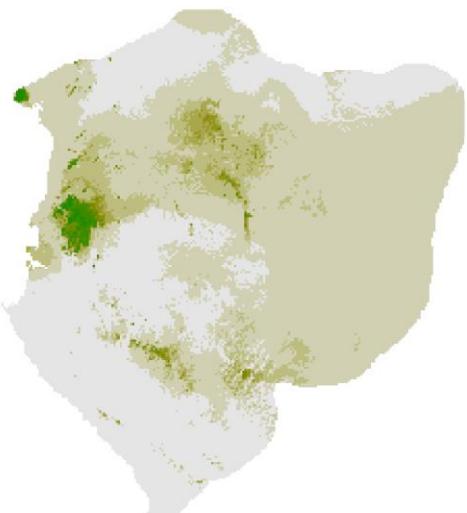
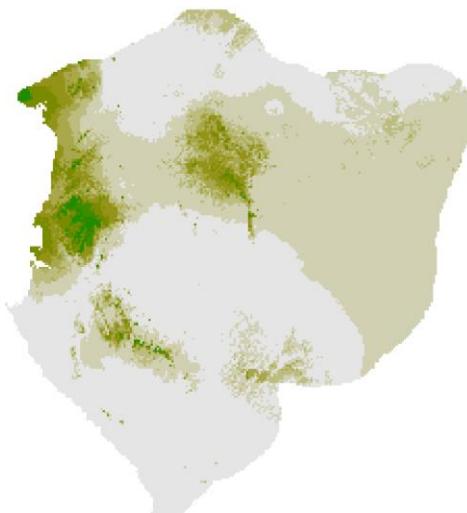
	<b>SFVcpzPte</b>	<b>SFVcpzPtt</b>	<b>SFVcpzPts</b>	<b>SIVcpzPtt</b>	<b>SIVcpzPts</b>
<b>Top contributing variables</b>	<b>bio4</b> – temperature seasonality	<b>bio19</b> – precipitation of the coldest quarter	<b>bio10</b> – mean temperature of the warmest quarter	<b>bio15</b> – precipitation seasonality	<b>bio4</b> – temperature seasonality
	<b>bio6</b> – minimum temperature of the coldest month	<b>bio2</b> – mean diurnal range	<b>bio19</b> – precipitation of the coldest quarter	<b>bio12</b> – annual precipitation	<b>bio2</b> – mean diurnal range
	<b>bio12</b> – annual precipitation	<b>bio9</b> – mean temperature of the driest quarter	<b>bio14</b> – precipitation of the wettest quarter	<b>bio16</b> – precipitation of the wettest quarter	<b>bio13</b> – precipitation of the wettest month

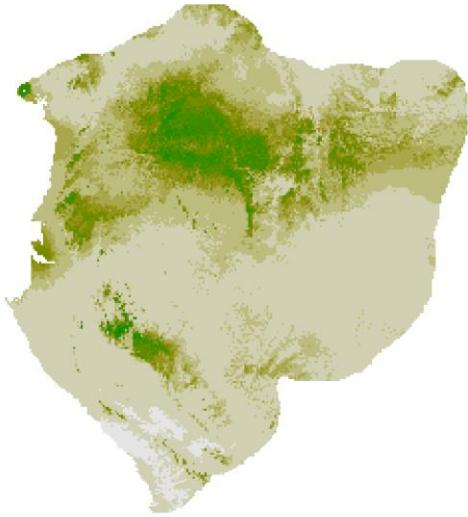
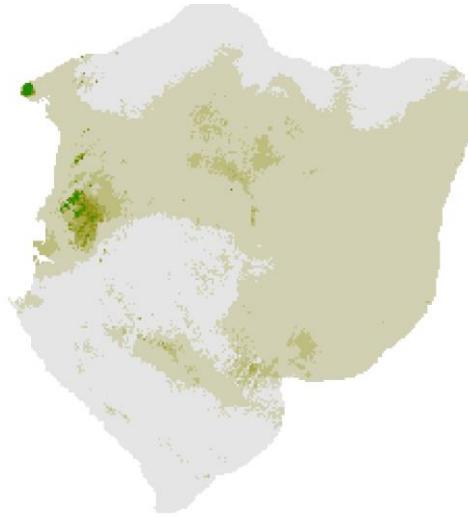
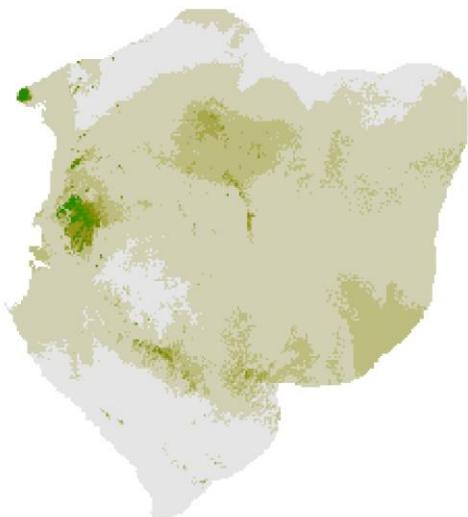
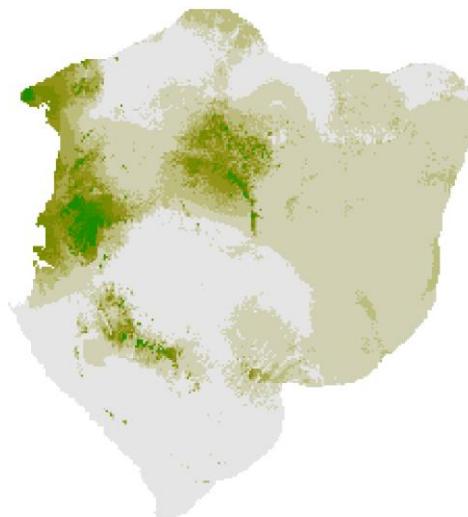
**Appendix 3.2 – Contributing ensemble models to habitat suitability change maps for SFVcpzPte.**

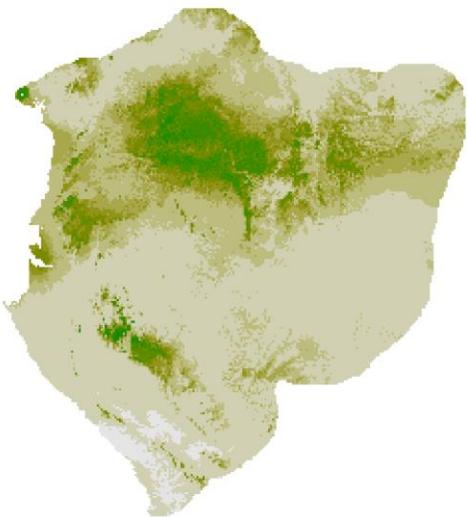
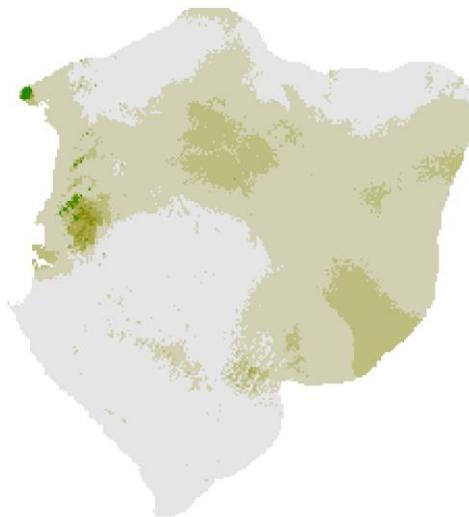
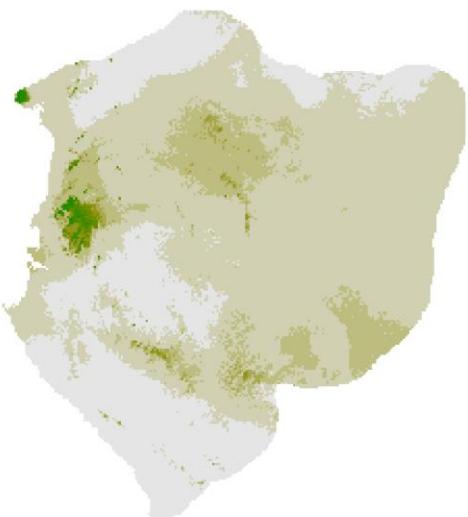
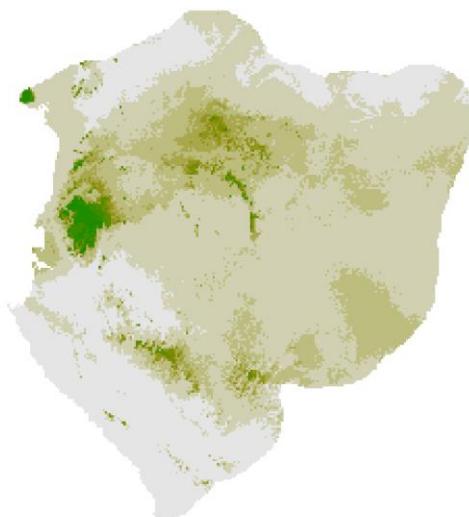


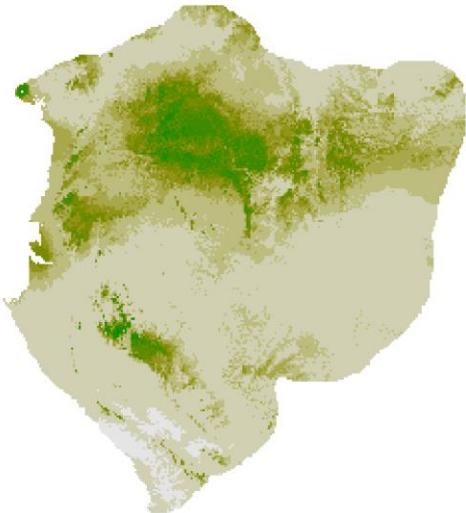
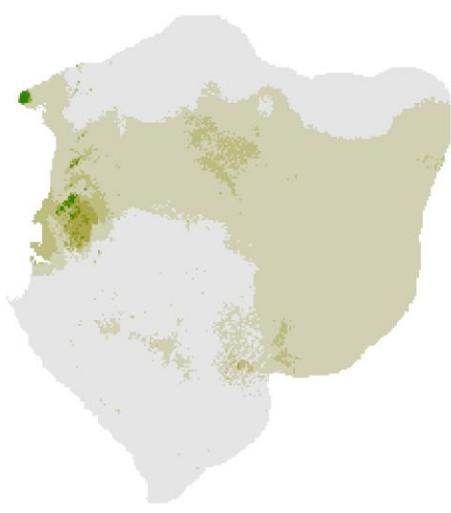
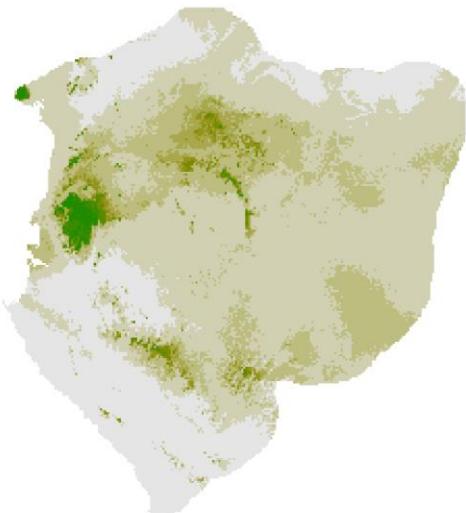
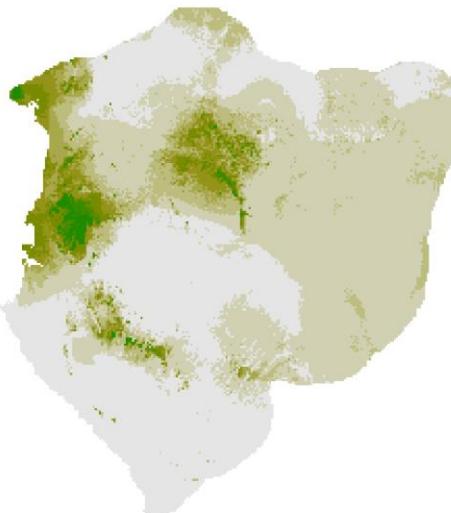


**Appendix 3.3 – Contributing ensemble models to habitat suitability change maps for SFVcpzPtt.**

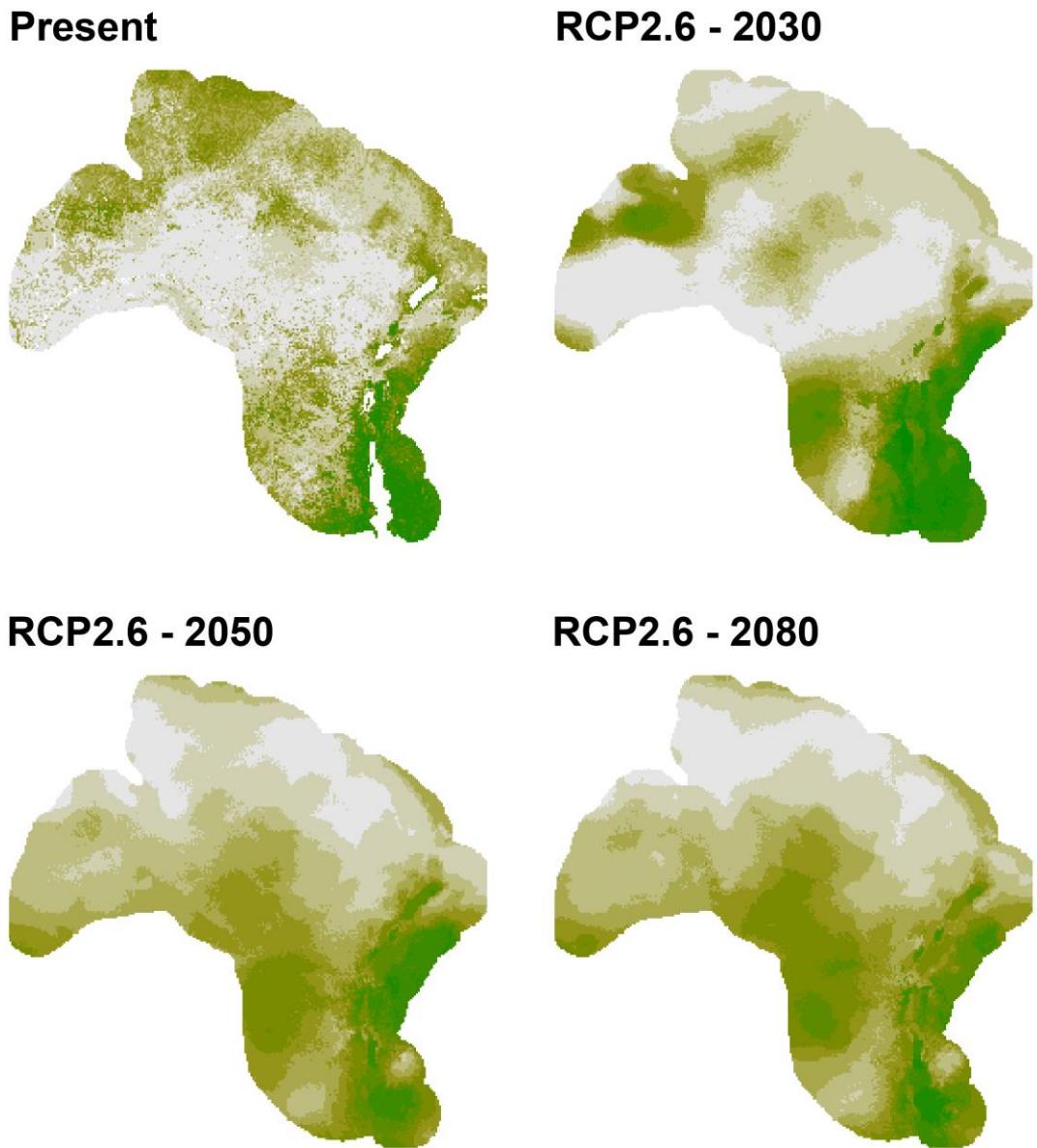
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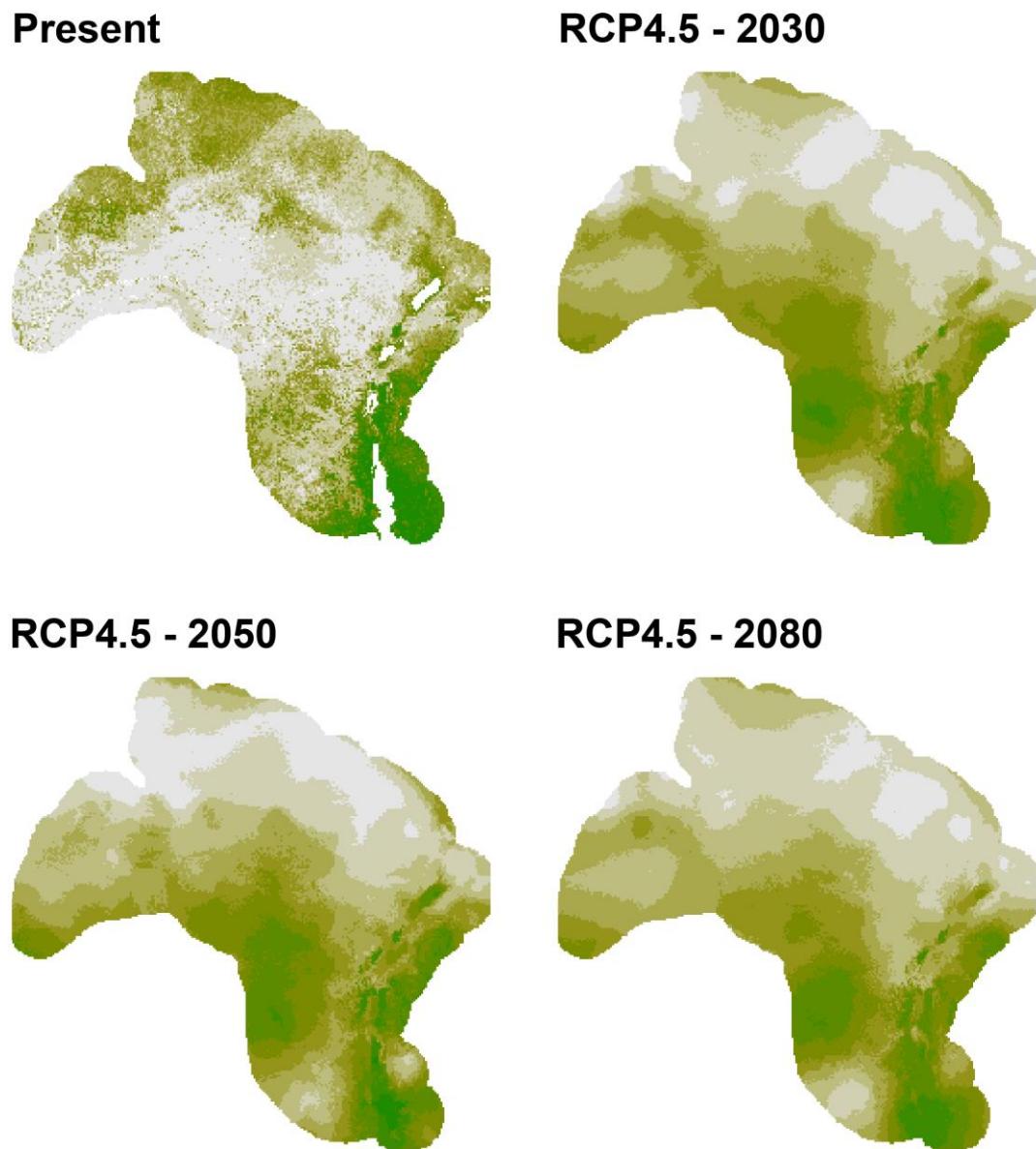
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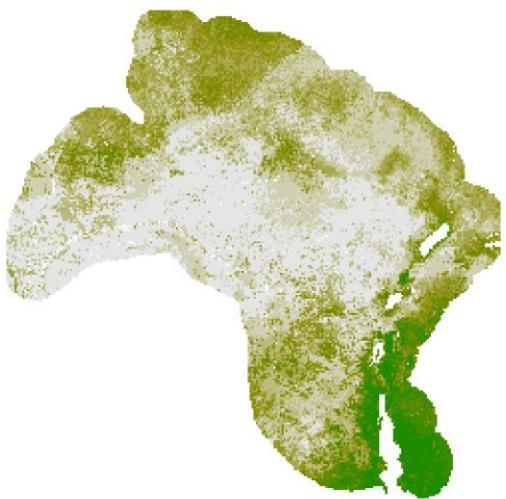
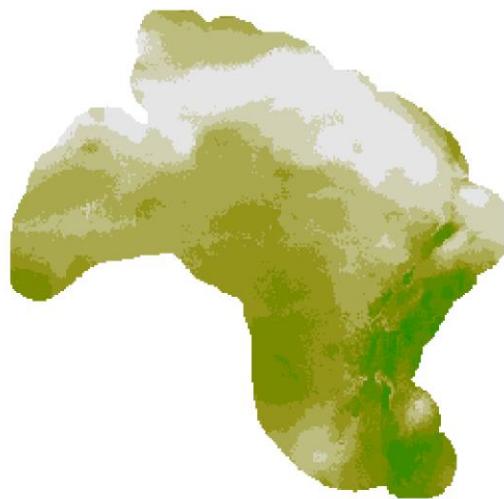
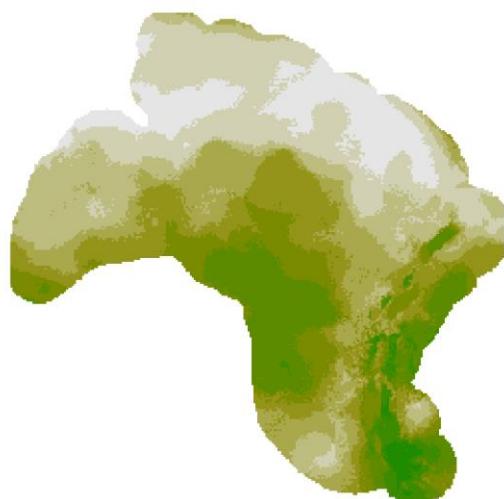
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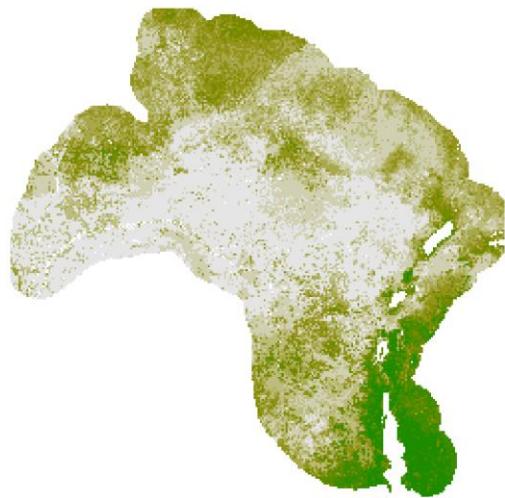
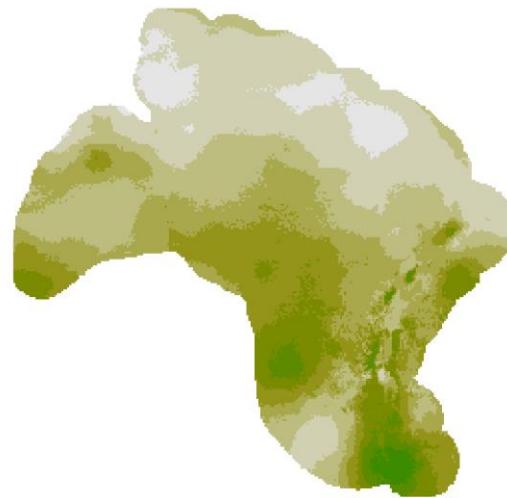
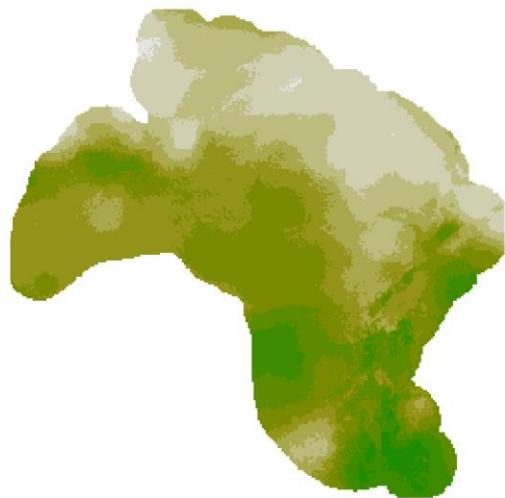
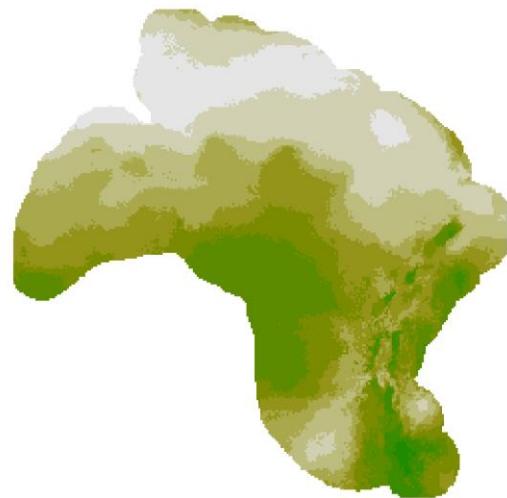
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**Appendix 3.4 – Contributing ensemble models to habitat suitability change maps for SFVcpzPts.**

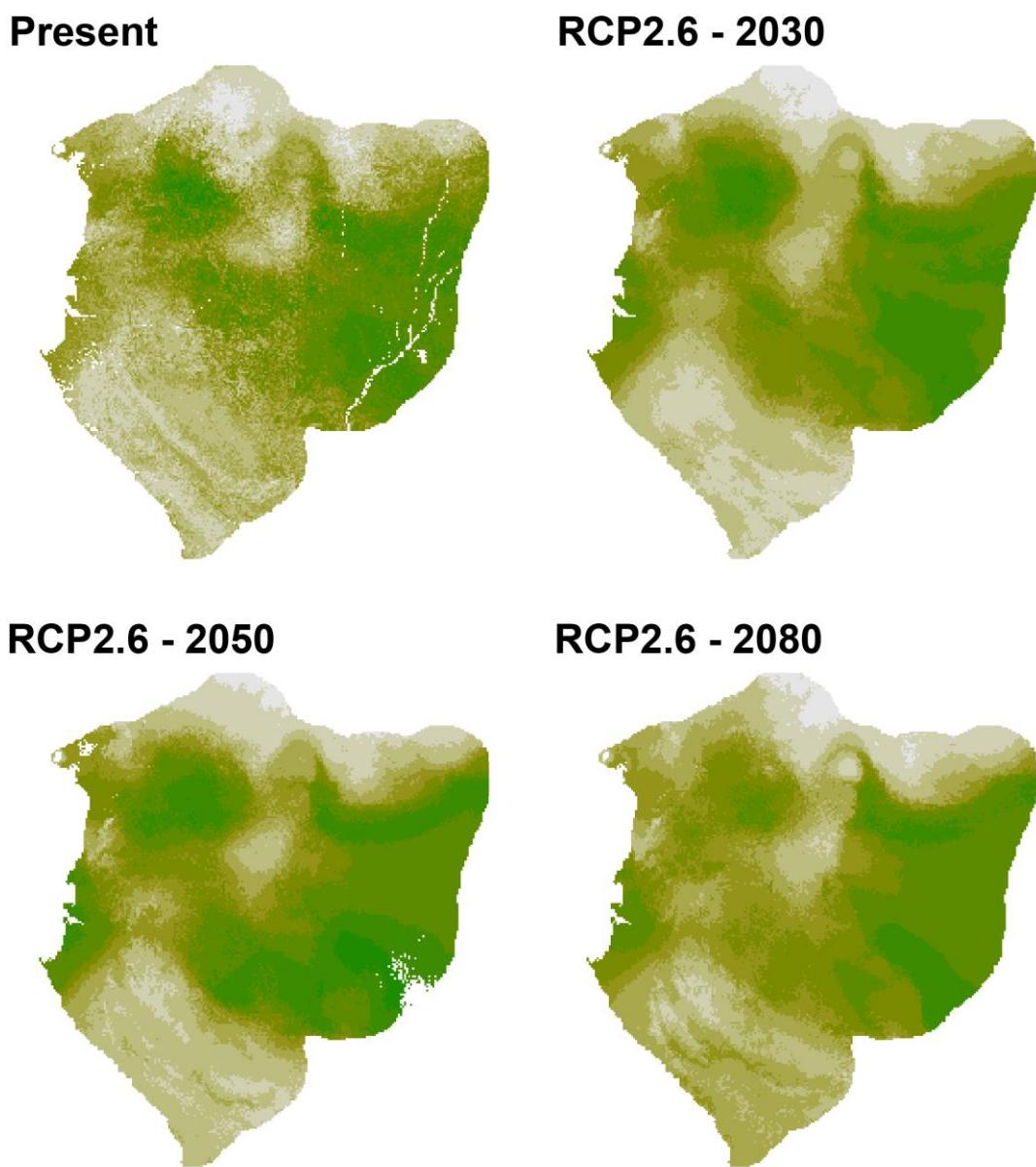


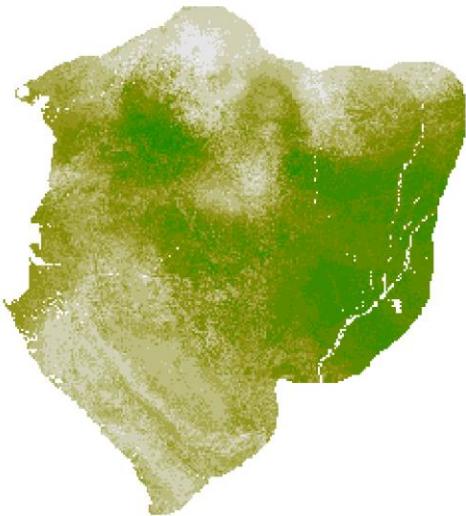
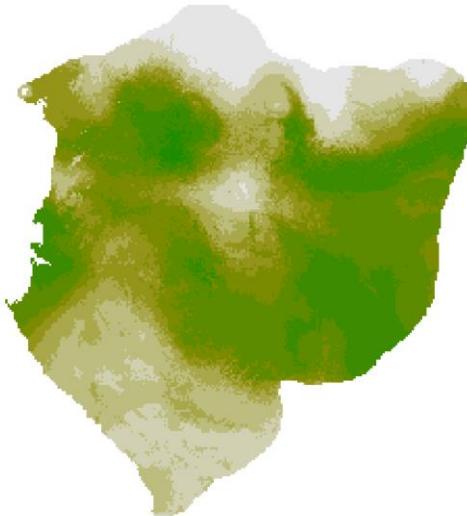
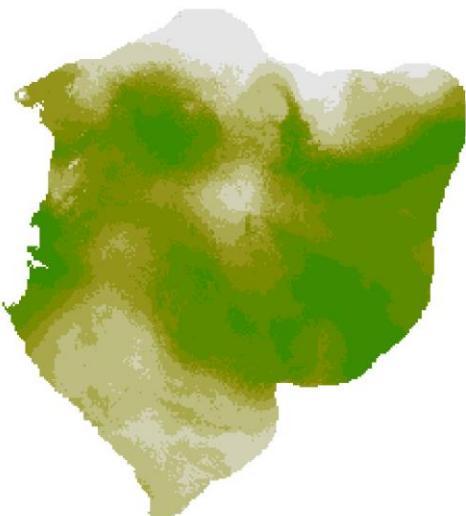
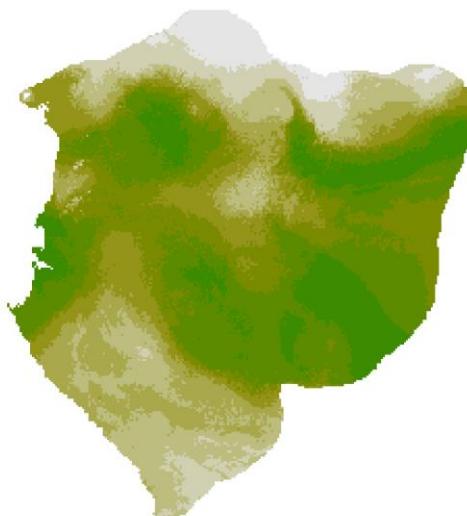


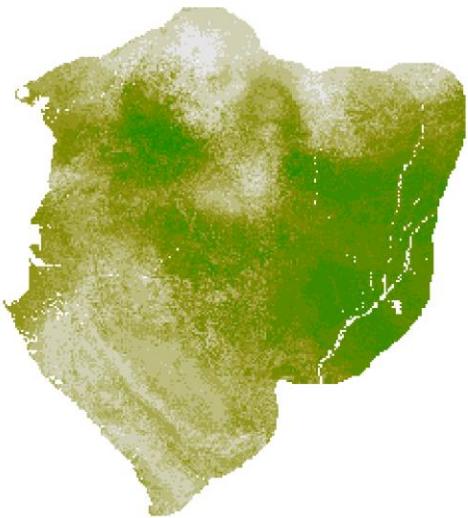
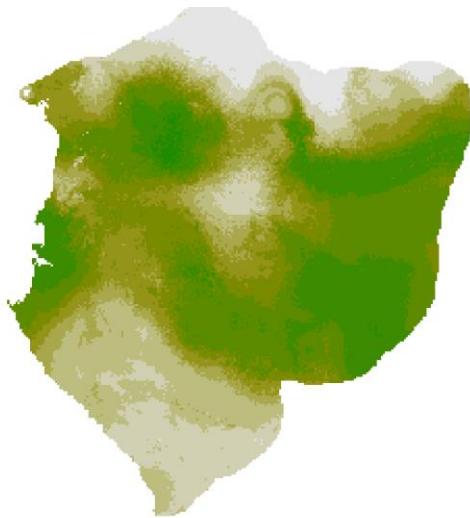
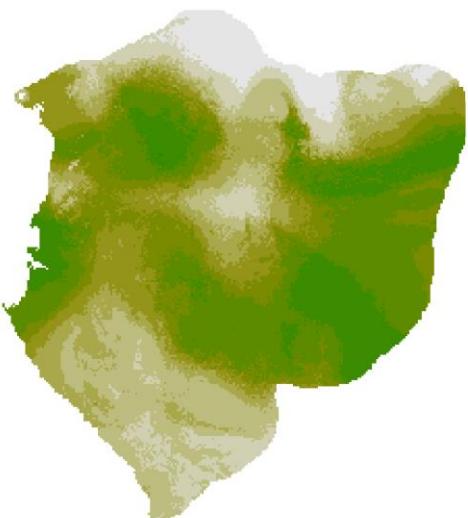
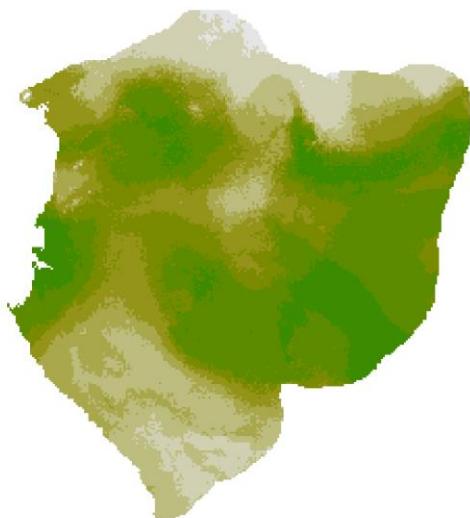
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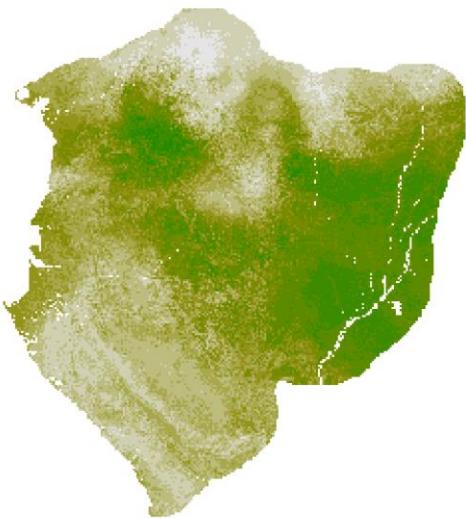
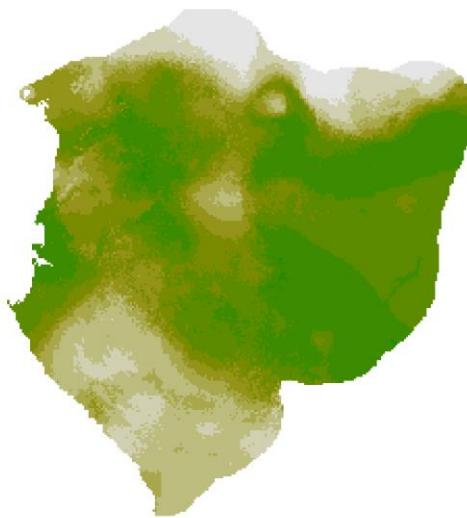
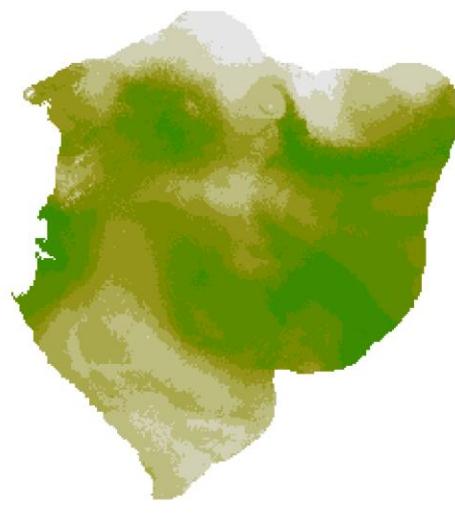
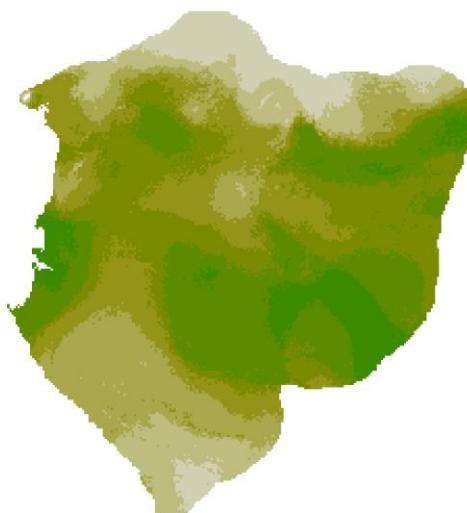
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**Appendix 3.5 – Contributing ensemble models to habitat suitability change maps for SIVcpzPtt.**

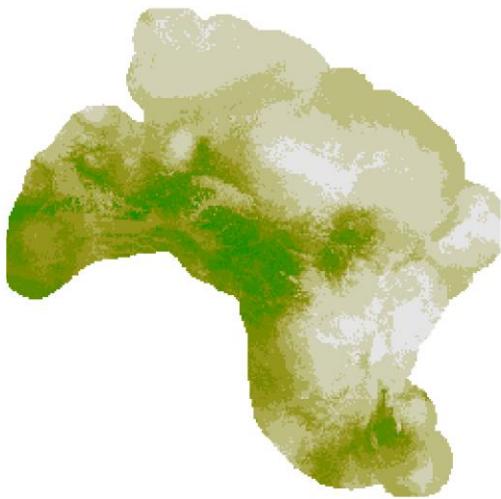
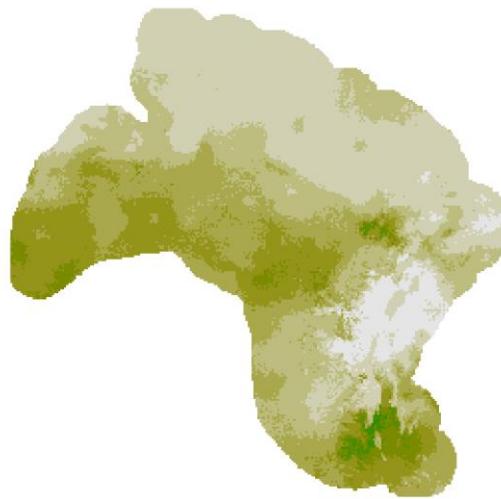
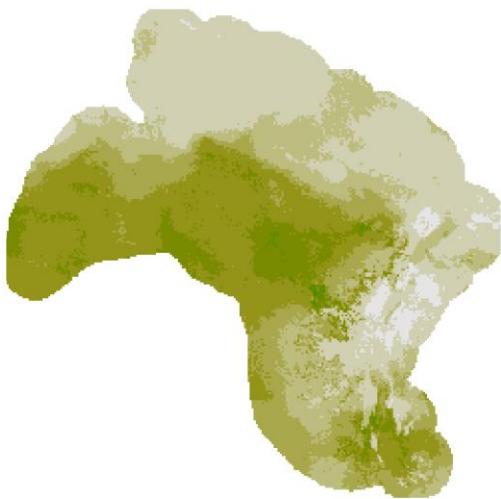
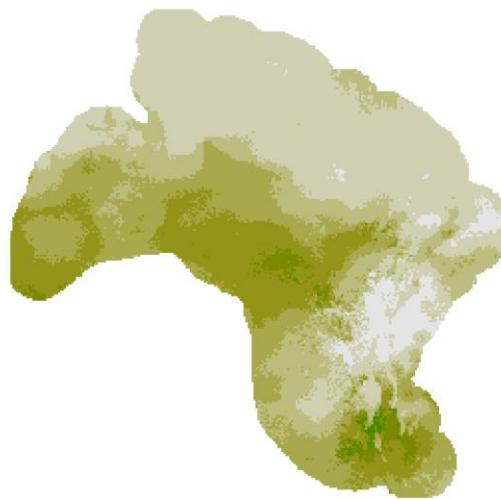


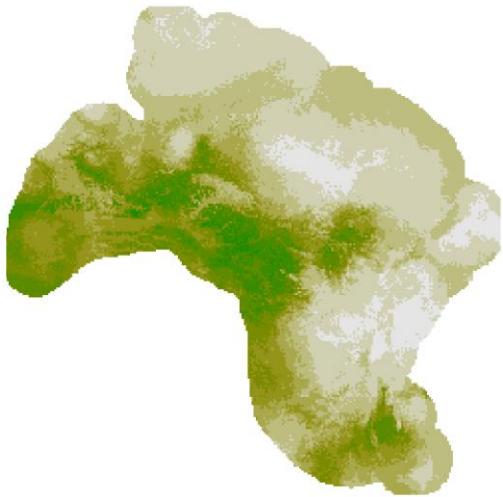
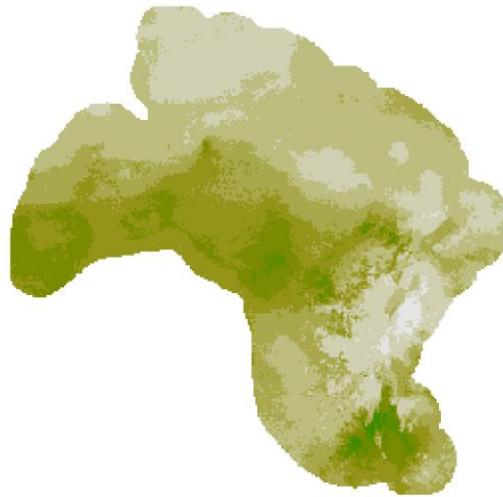
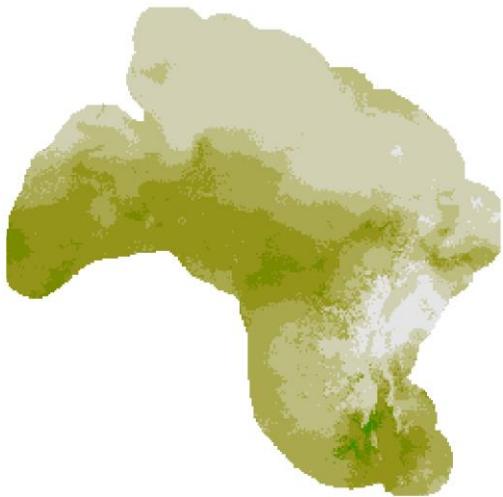
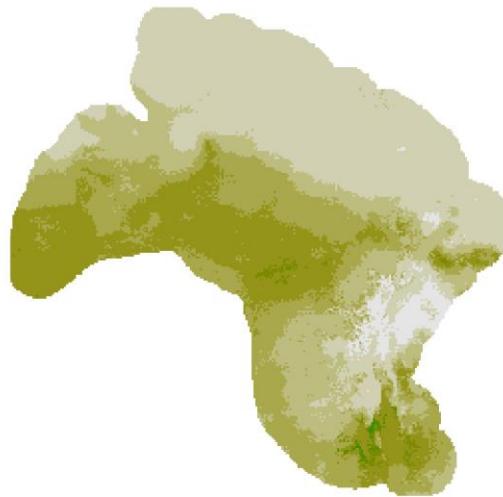
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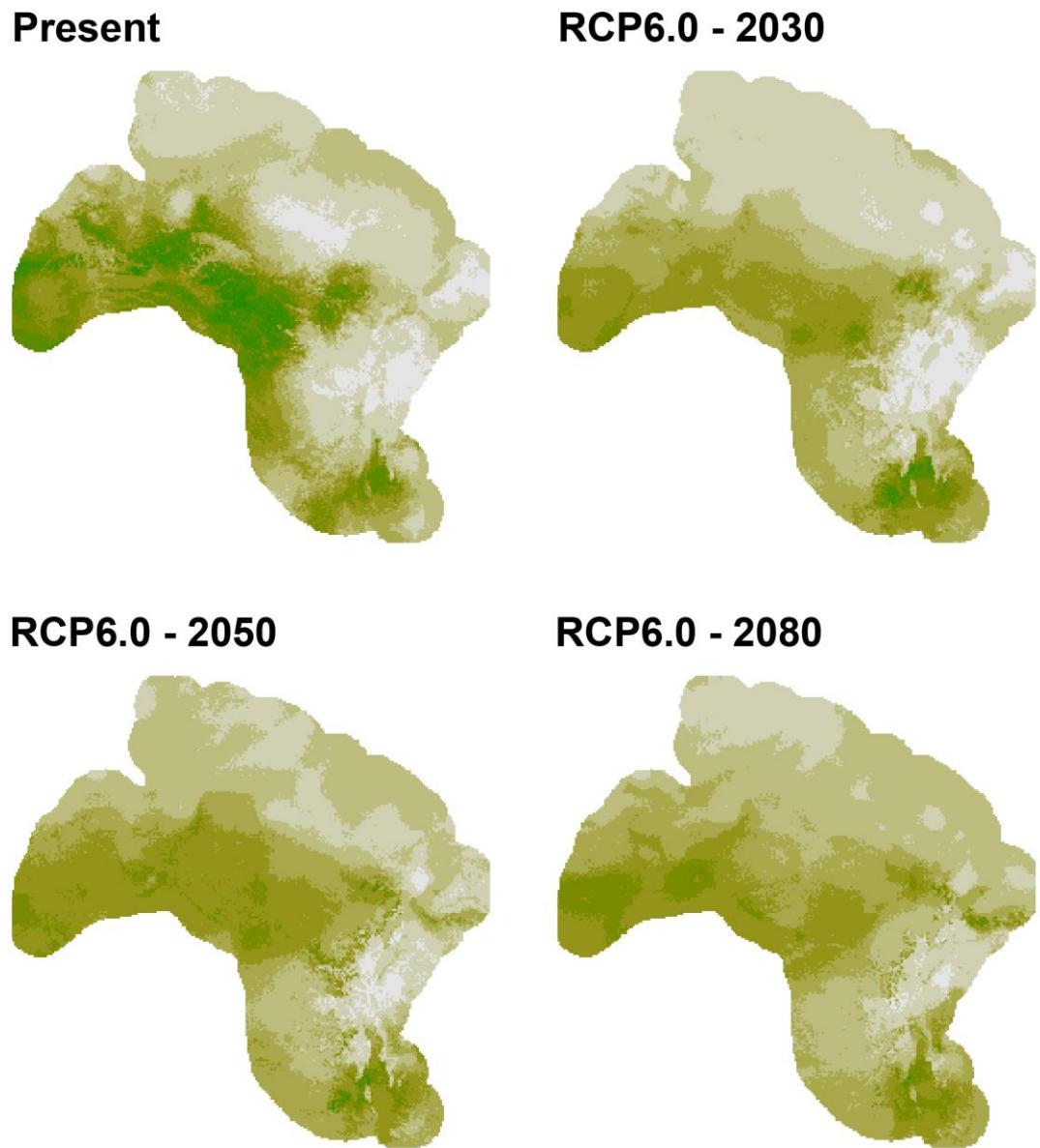
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**Present****RCP8.5 - 2030****RCP8.5 - 2050****RCP8.5 - 2080**

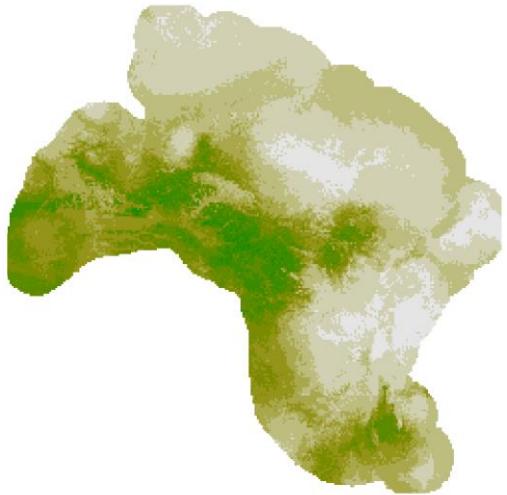
**Appendix 3.6 – Contributing ensemble models to habitat suitability change maps for SFVcpzPts.**

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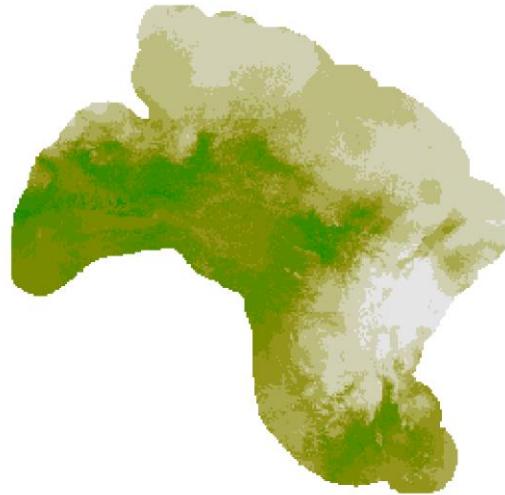
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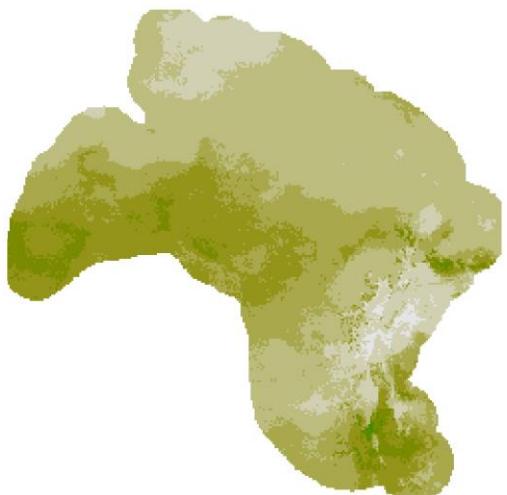
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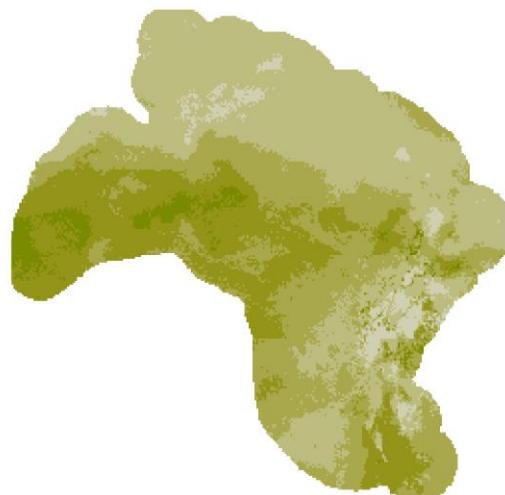
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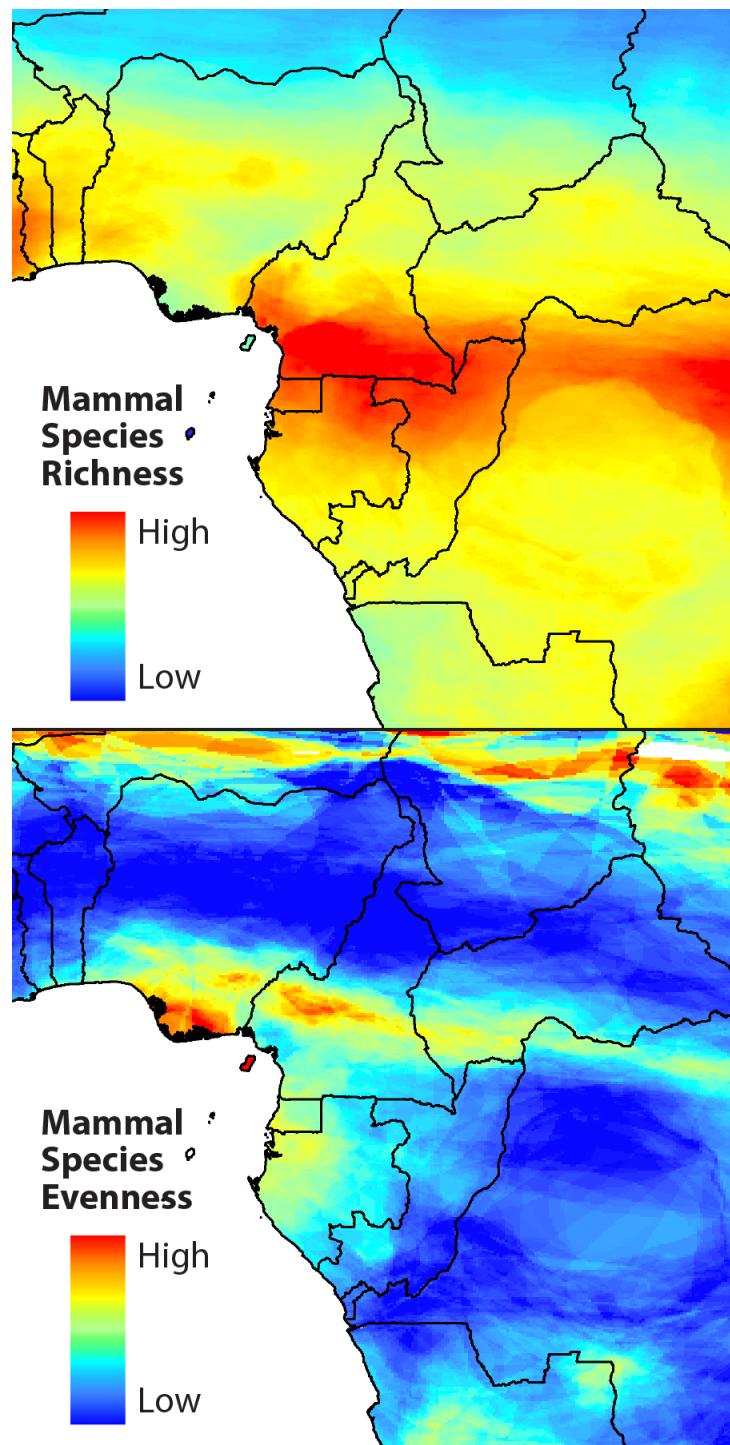
**RCP8.5 - 2050**



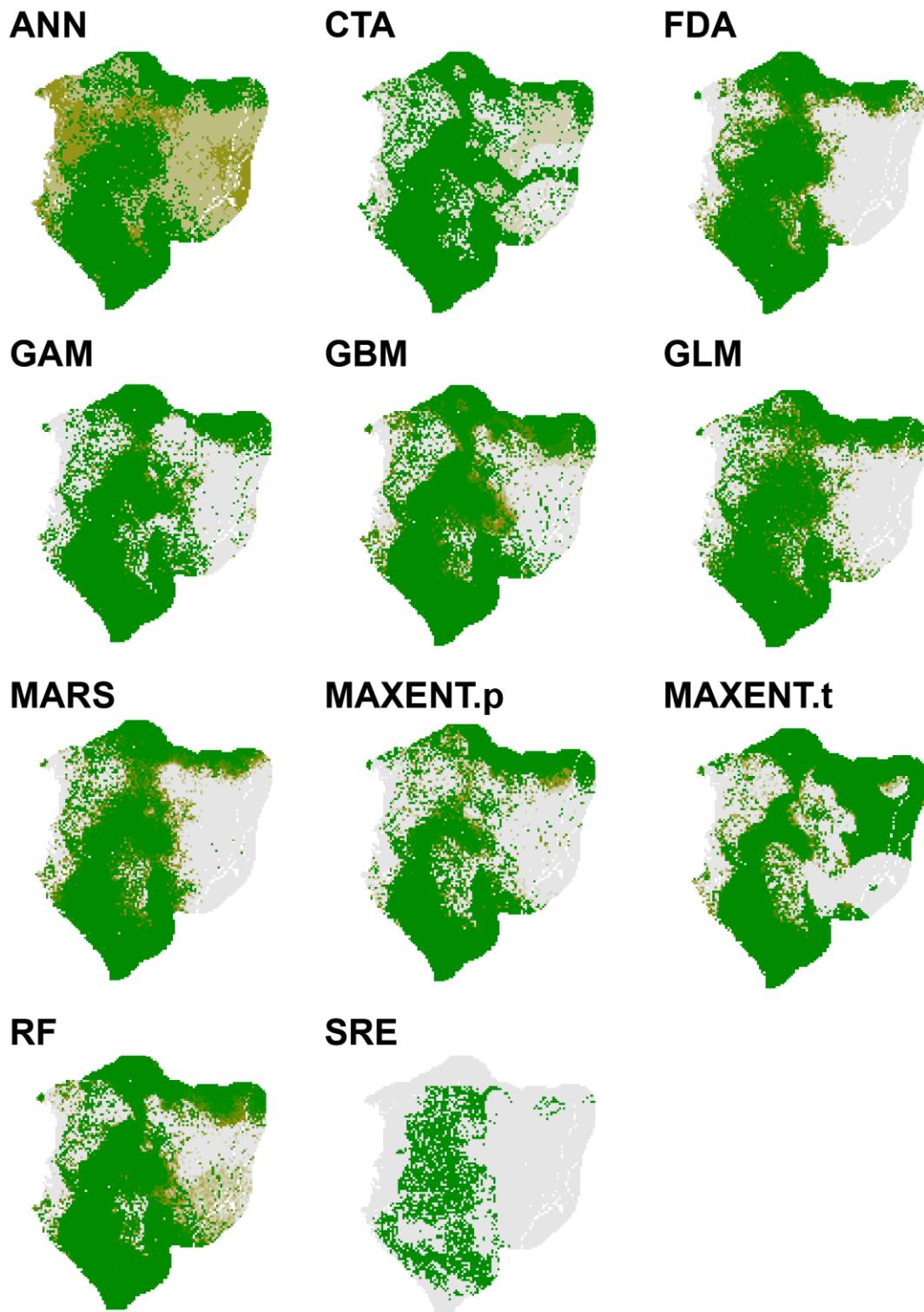
**RCP8.5 - 2080**



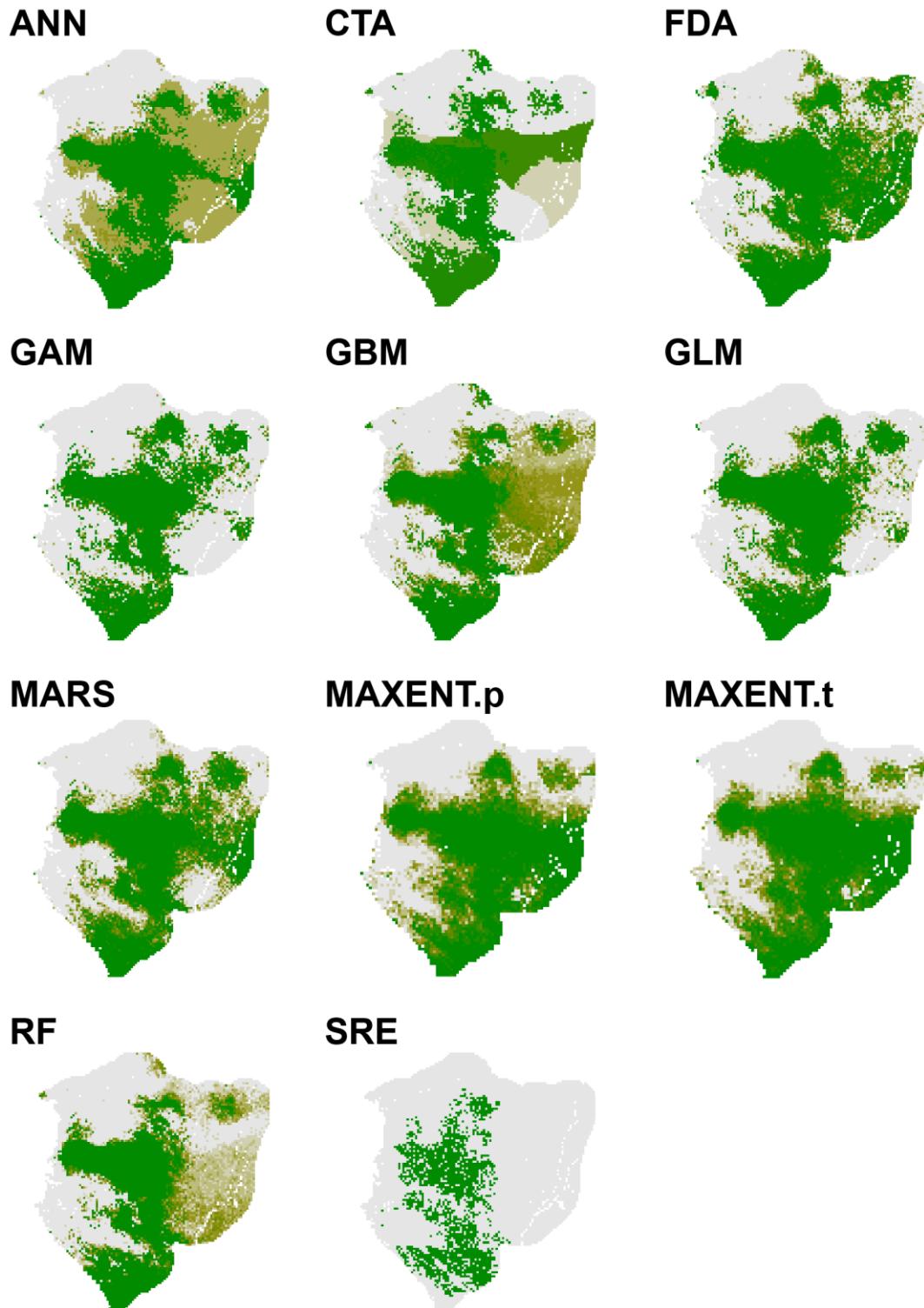
**Appendix 4.1 -** Mammal species richness and evenness map layers created using species richness measures from prominent mammalian taxonomic orders in this region. Evenness was created using Shannon's Diversity.



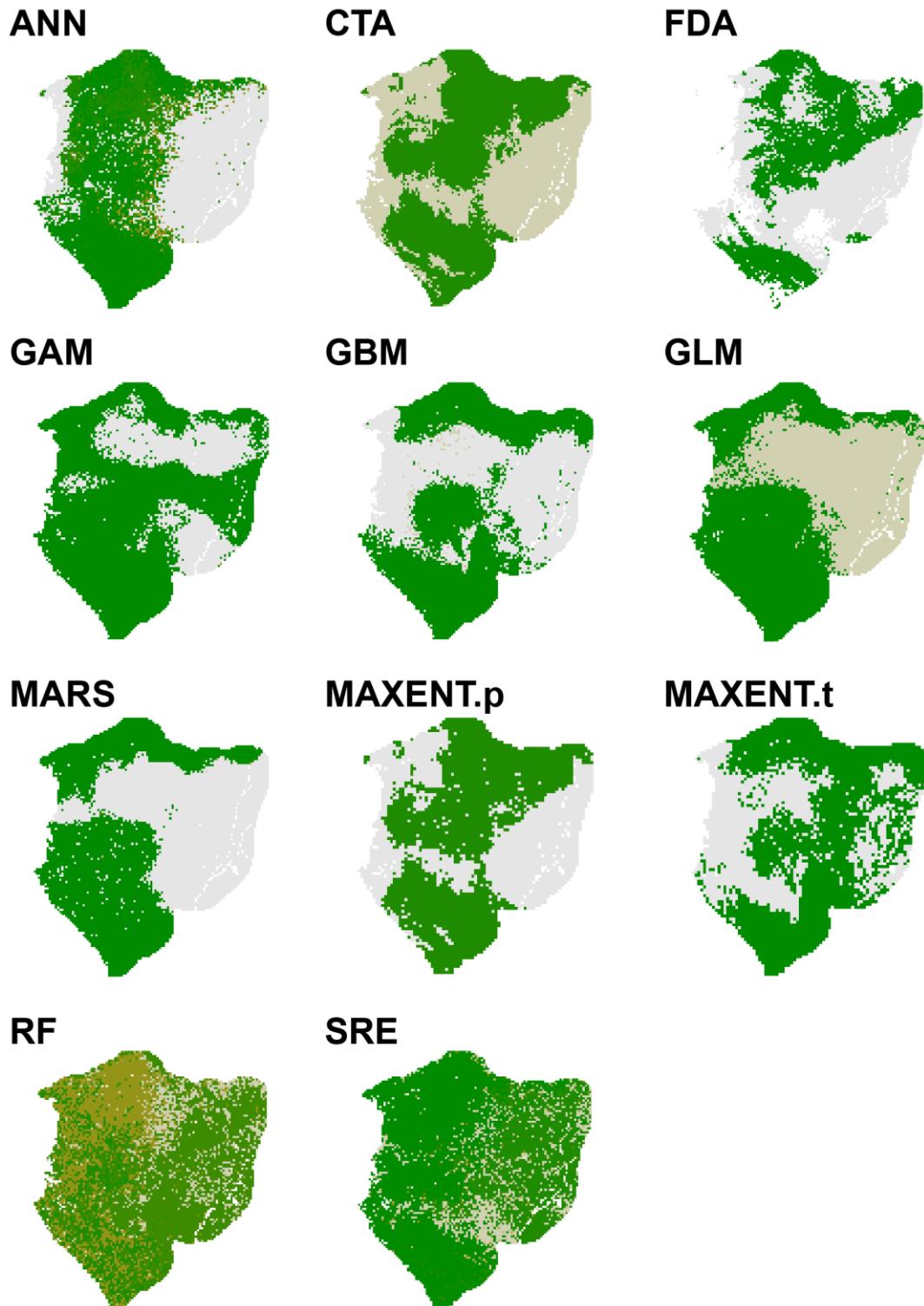
**Appendix 4.2** – Contributing niche models to occurrence ensembles for Ebola virus infections in *Pan troglodytes troglodytes* created using environmental predicting factors.



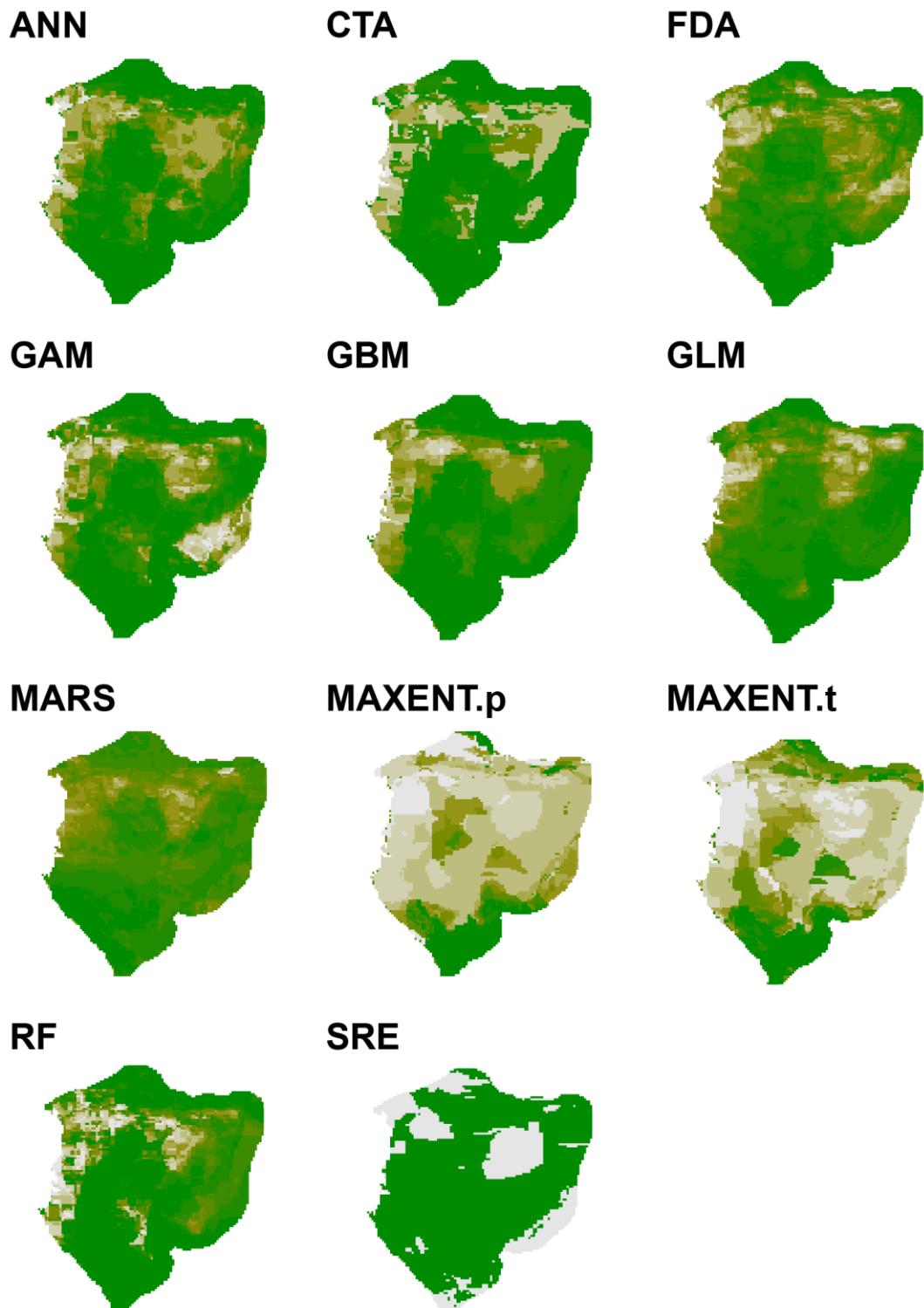
**Appendix 4.3 – Contributing niche models to occurrence ensembles for Ebola virus infections in *Gorilla gorilla gorilla* created using environmental predicting factors.**



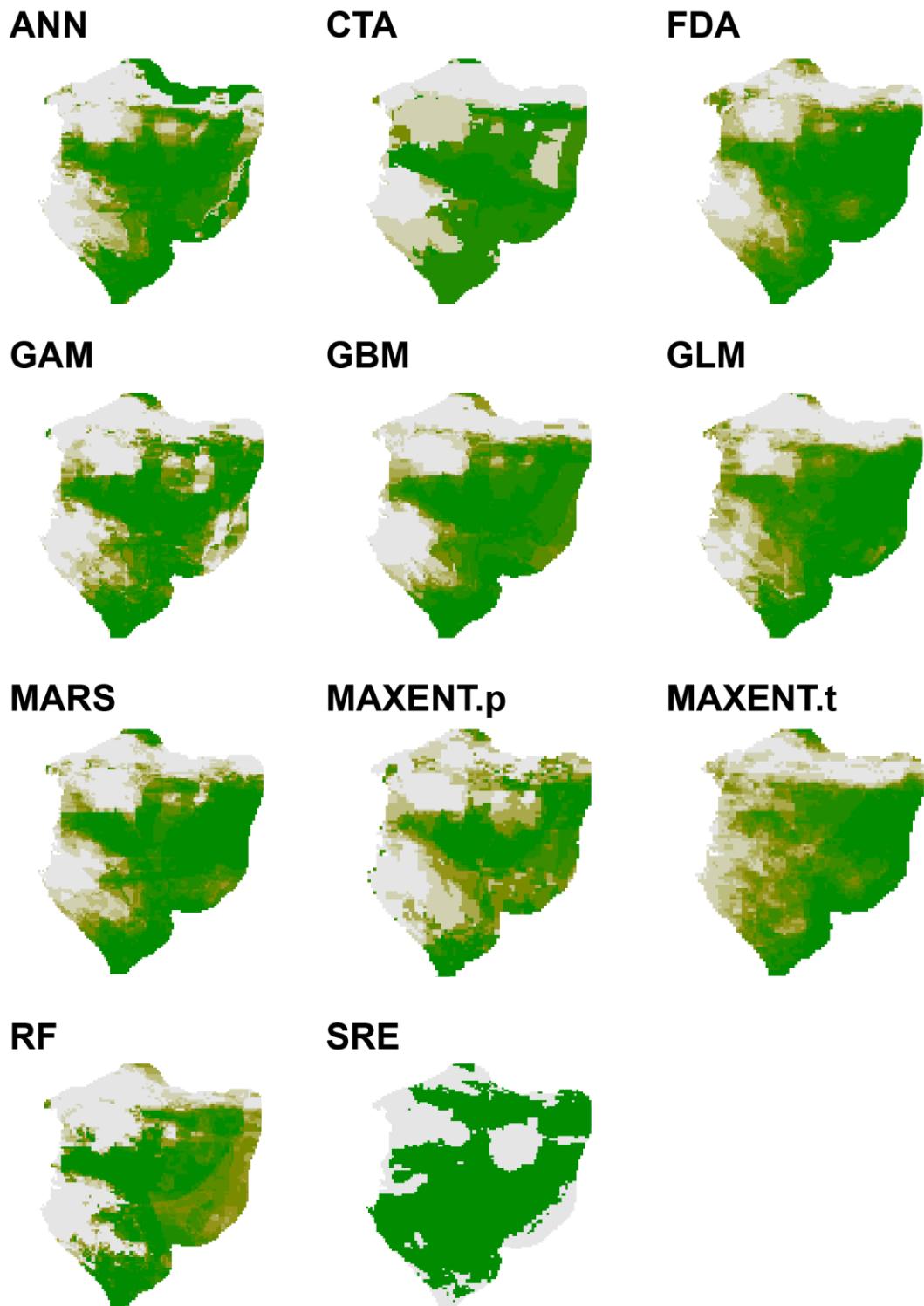
**Appendix 4.4 – Contributing niche models to occurrence ensembles for Ebola virus infections in *Pan troglodytes troglodytes* and *Gorilla gorilla gorilla* created using environmental predicting factors.**



**Appendix 4.5 – Contributing niche models to occurrence ensembles for Ebola virus infections in *Pan troglodytes troglodytes* created using biodiversity predicting factors.**



**Appendix 4.6 – Contributing niche models to occurrence ensembles for Ebola virus infections in *Gorilla gorilla gorilla* created using biodiversity predicting factors.**



**Appendix 4.7 – Contributing niche models to occurrence ensembles for Ebola virus infections in *Pan troglodytes troglodytes* and *Gorilla gorilla gorilla* created using biodiversity predicting factors.**

