

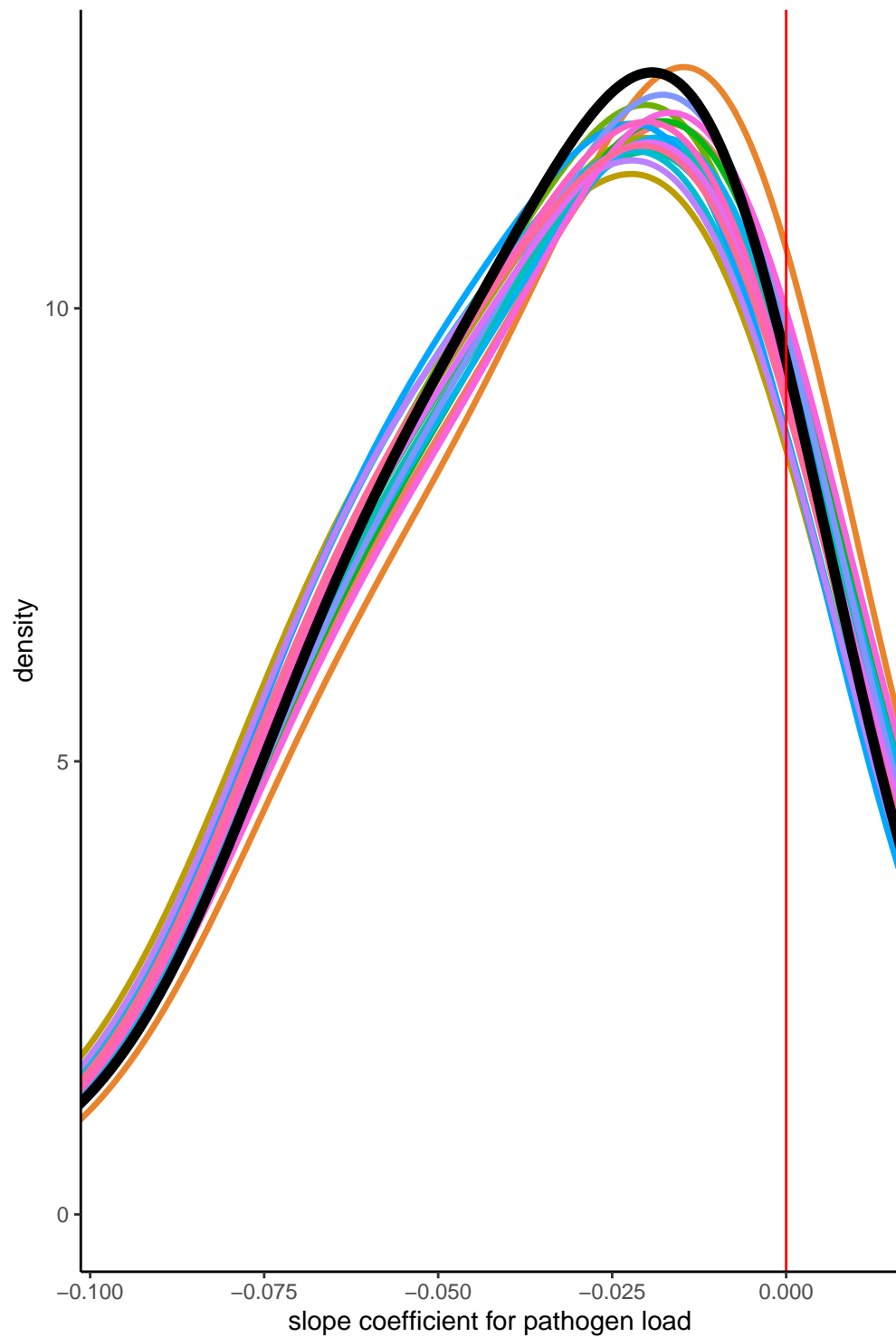
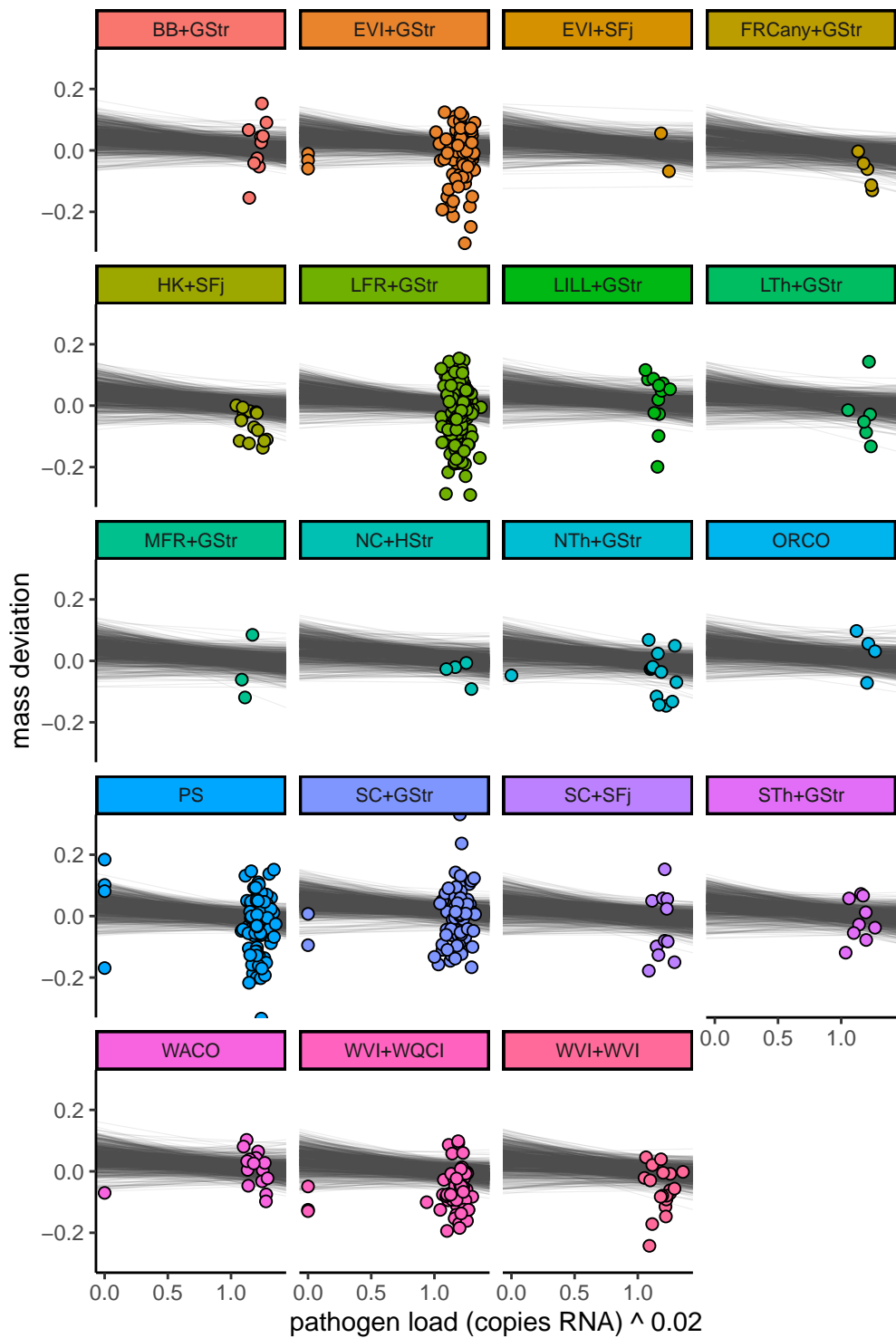
Supplementary Material 5: Coho mass deviation model figures

"Identification of infectious agents in early marine Chinook and Coho salmon associated with cohort survival"

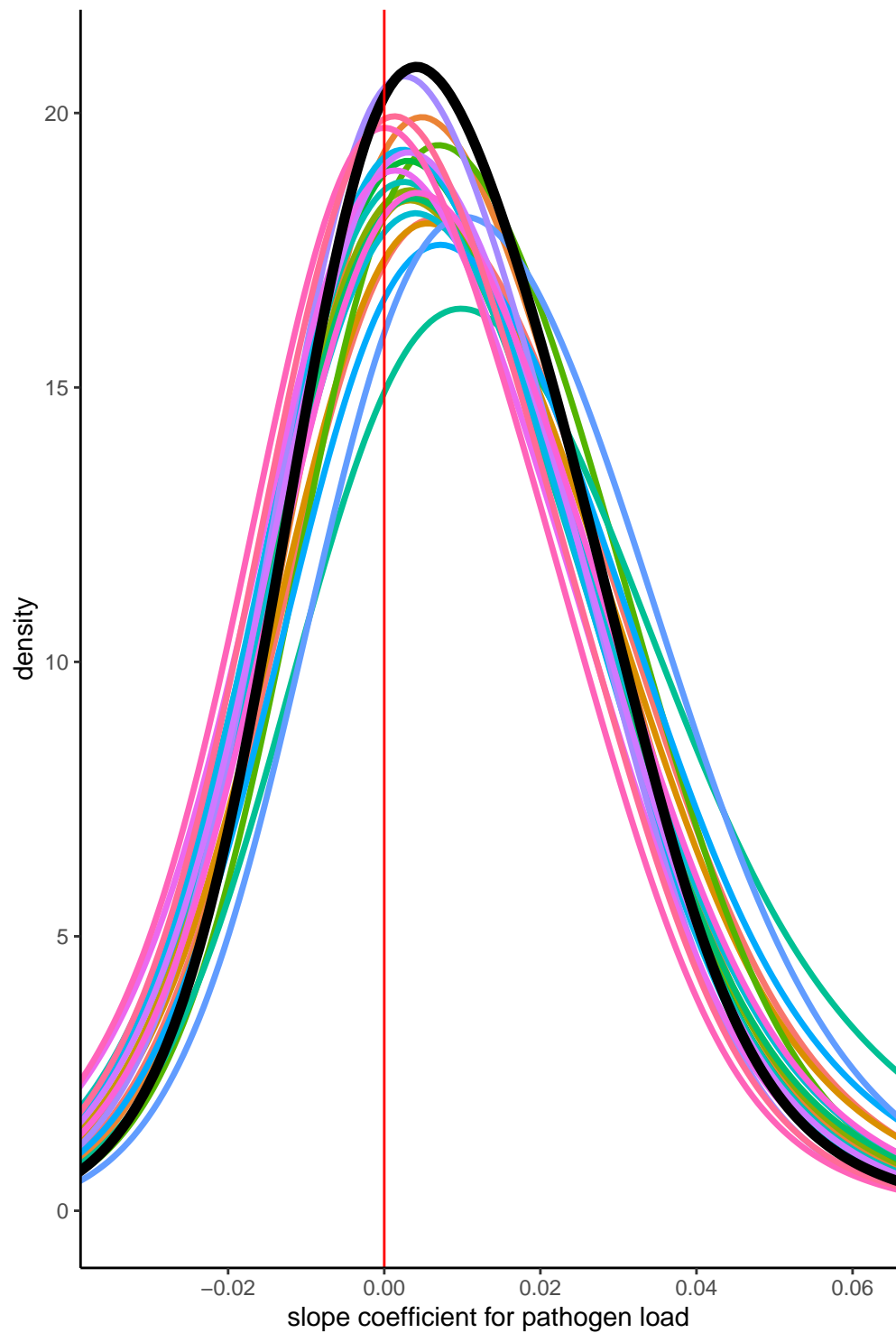
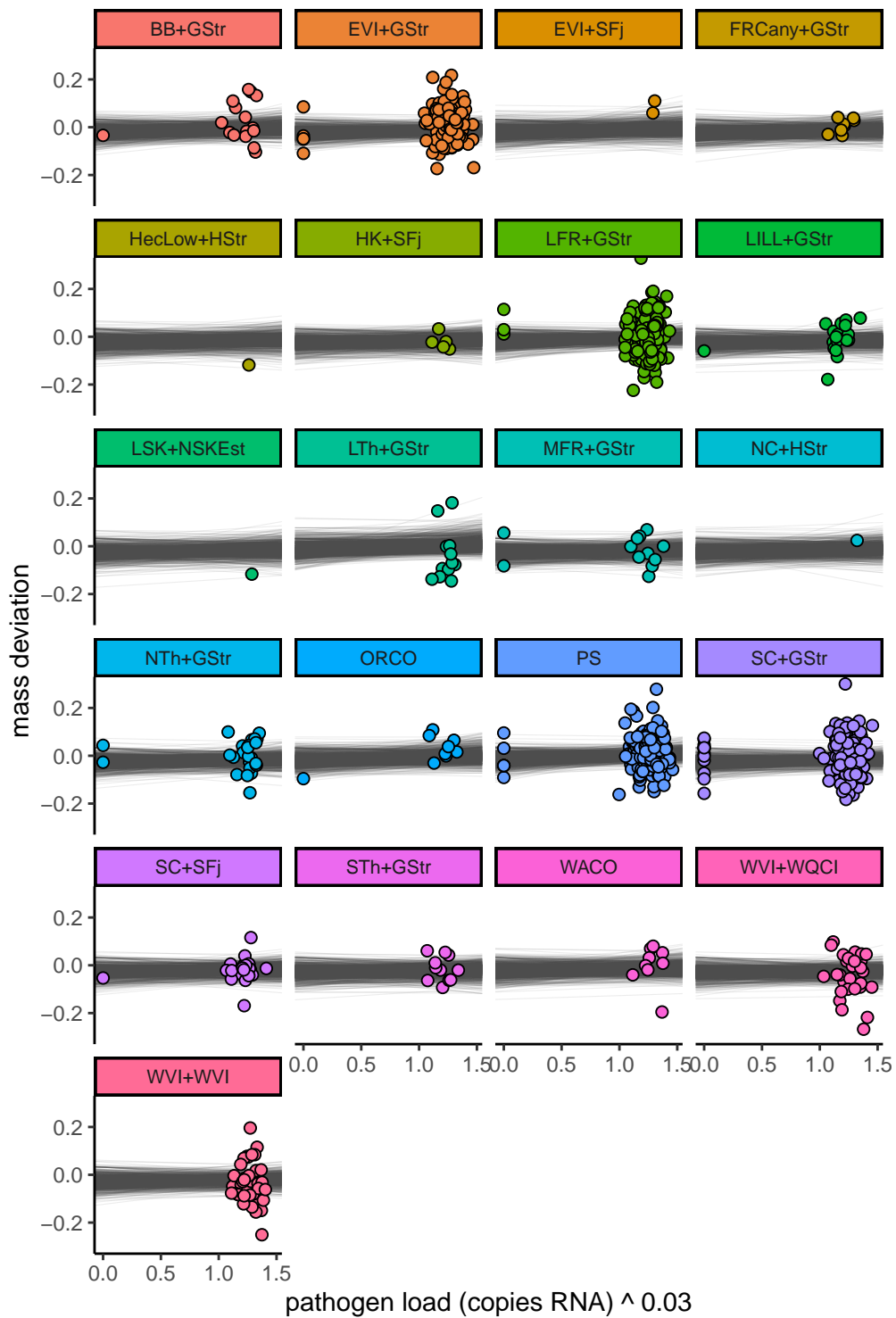
Arthur L. Bass, Andrew W. Bateman, Brendan M. Connors, Benjamin A. Staton, Eric B. Rondeau, Gideon J. Mordecai, Amy K. Teffer, Karia H. Kaukinen, Shaorong Li, Amy M. Tabata, David A. Patterson, Scott G. Hinch, Kristina M. Miller

Description: Bayesian multi-level model results from Coho mass deviation models. Raw data (points) are presented in left panels and model results are presented in right panels (heavy black line indicates the posterior distribution of the hyperdistribution mean). Lines in left panels represent 1000 random draws from the posterior distributions of the stock-specific intercepts and slopes. Slope coefficient for the right panel is relative to a 2 SD increase in pathogen load.

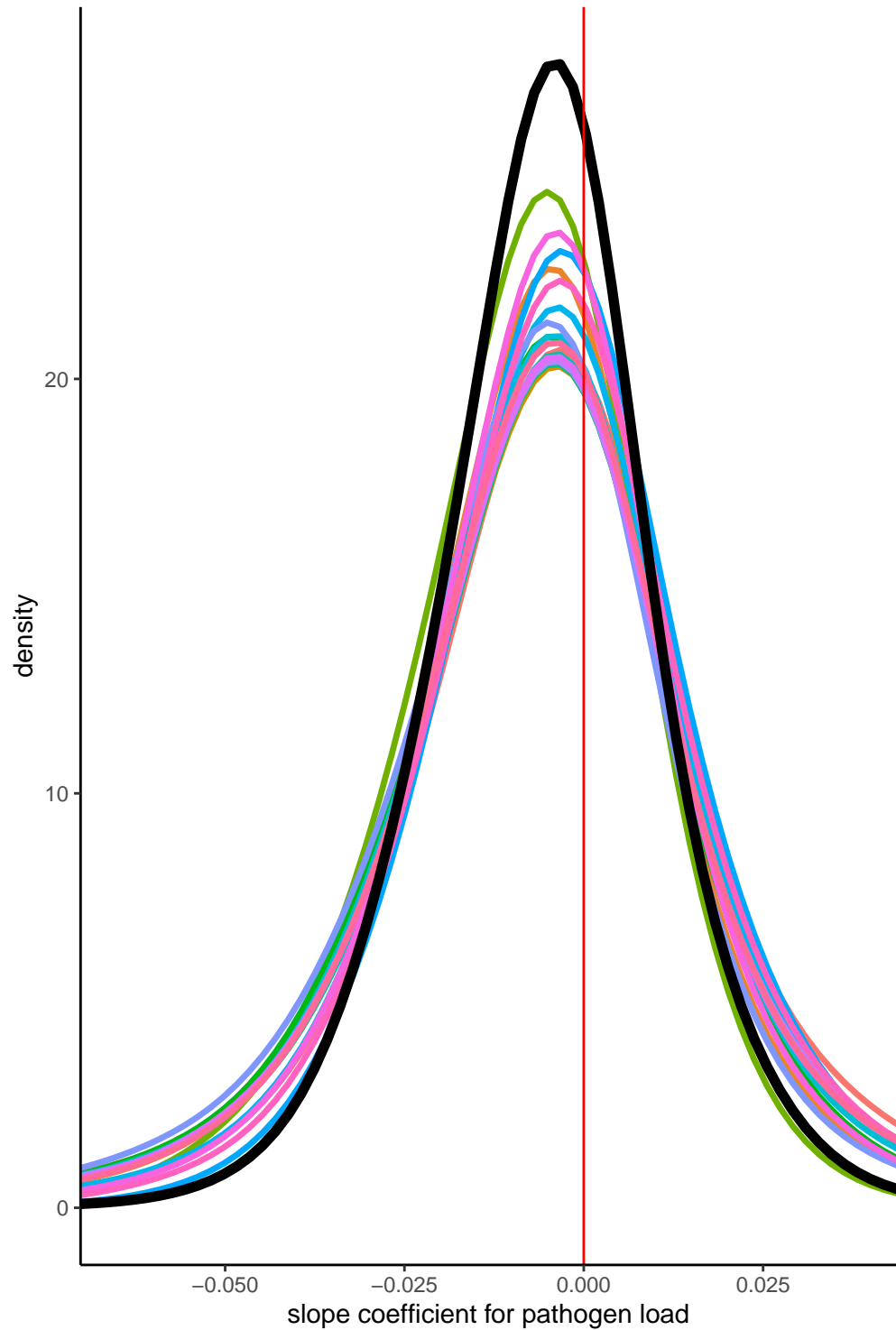
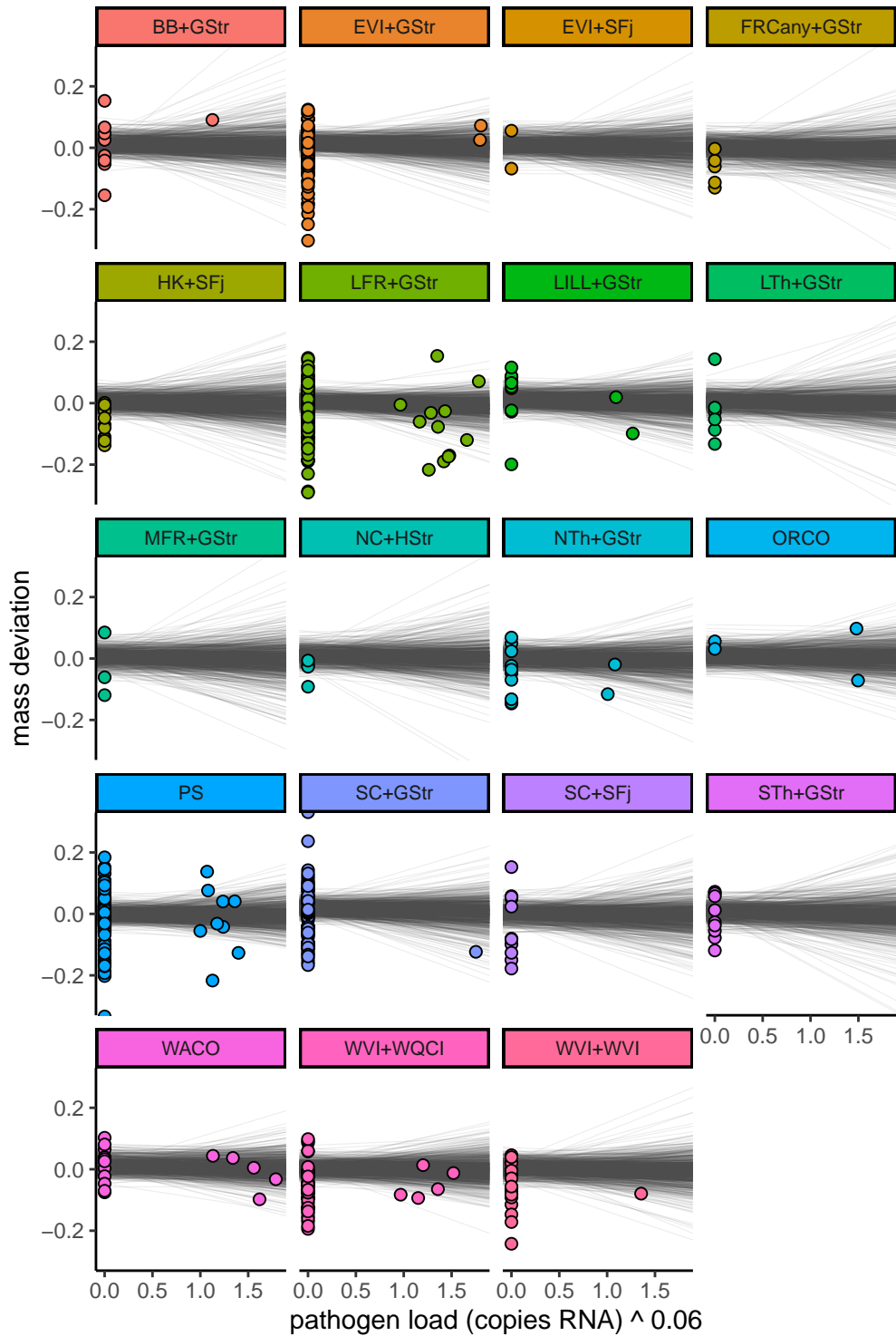
Candidatus Branchiomonas cysticola SpSu



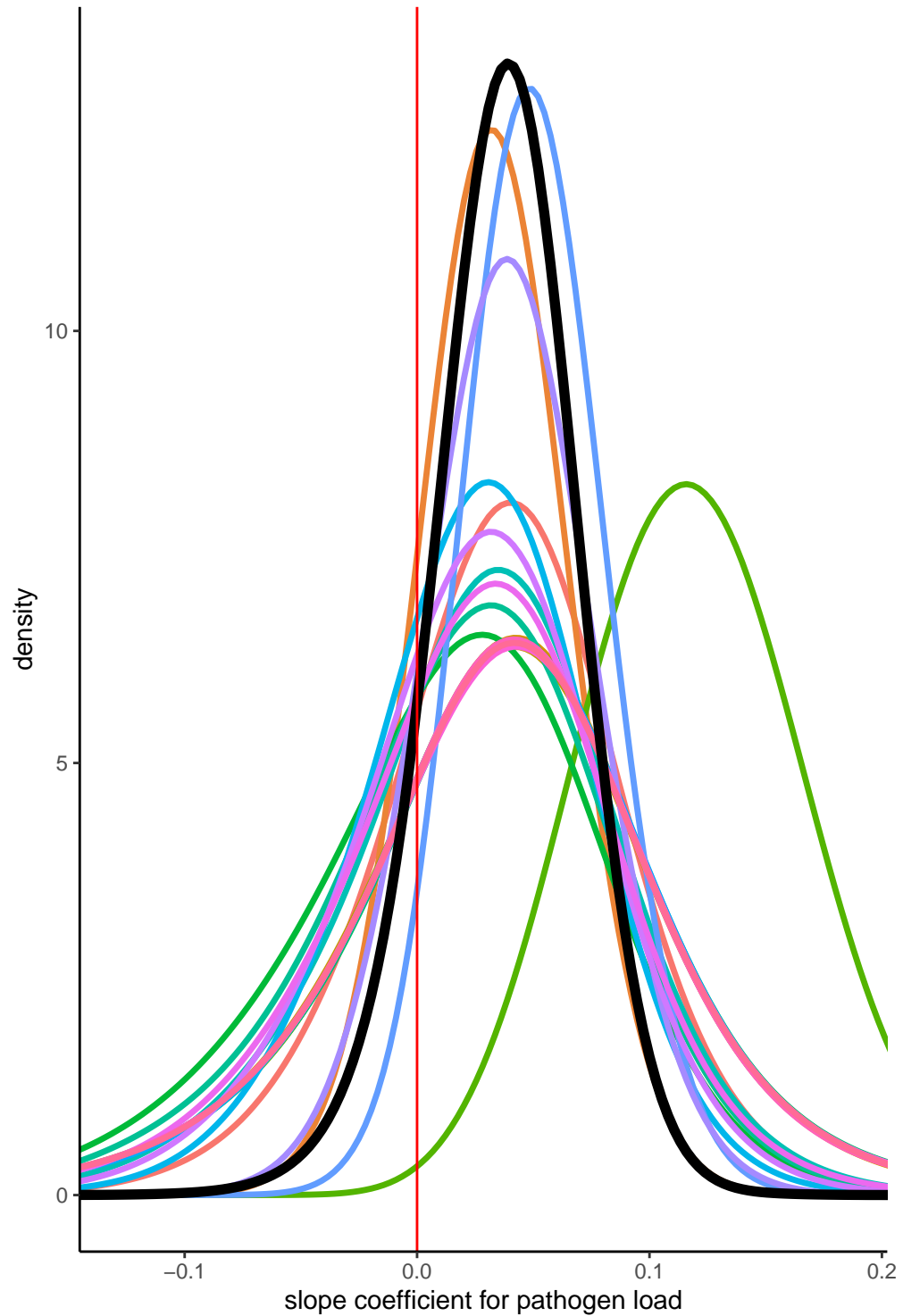
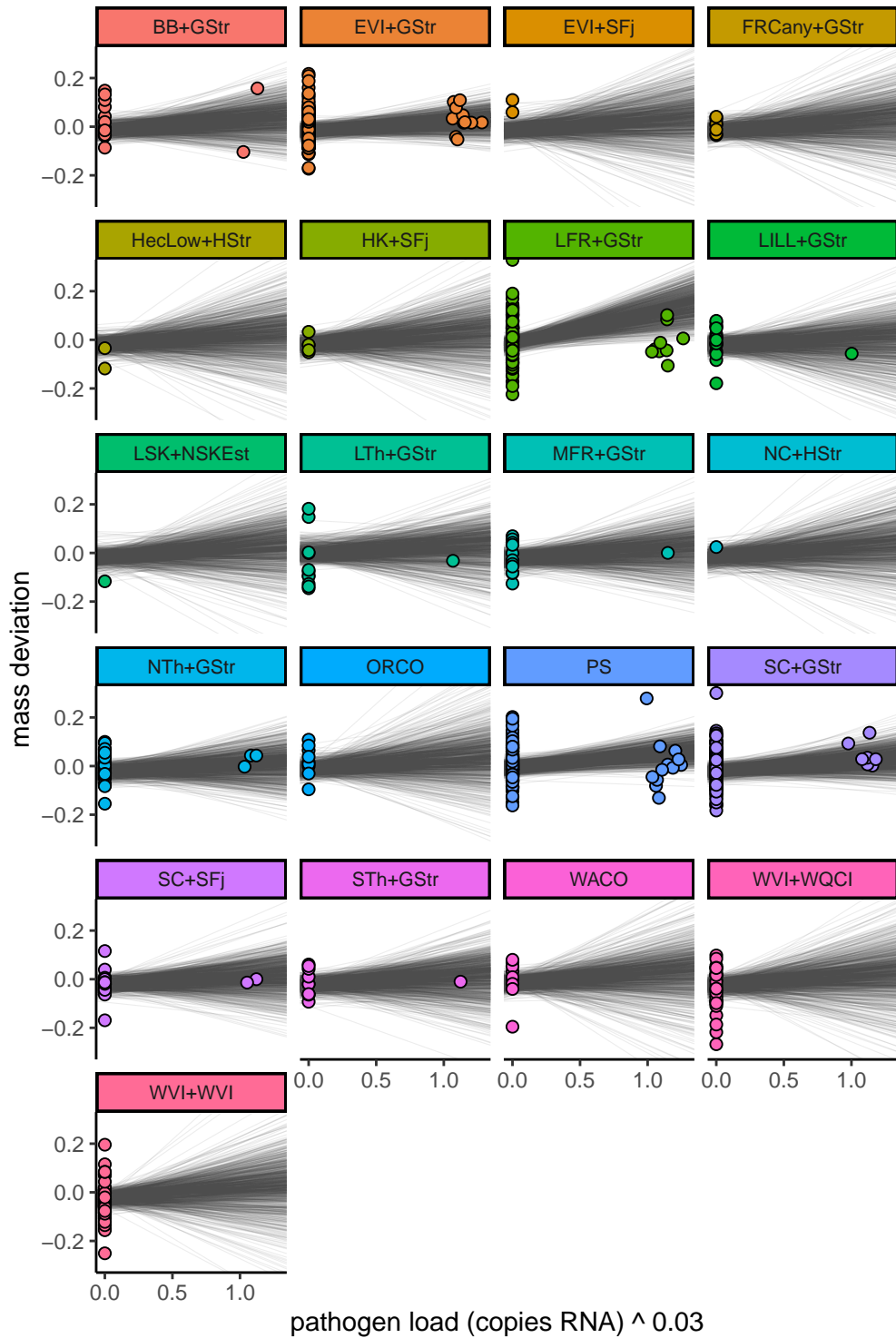
Candidatus Branchiomonas cysticola FaWi



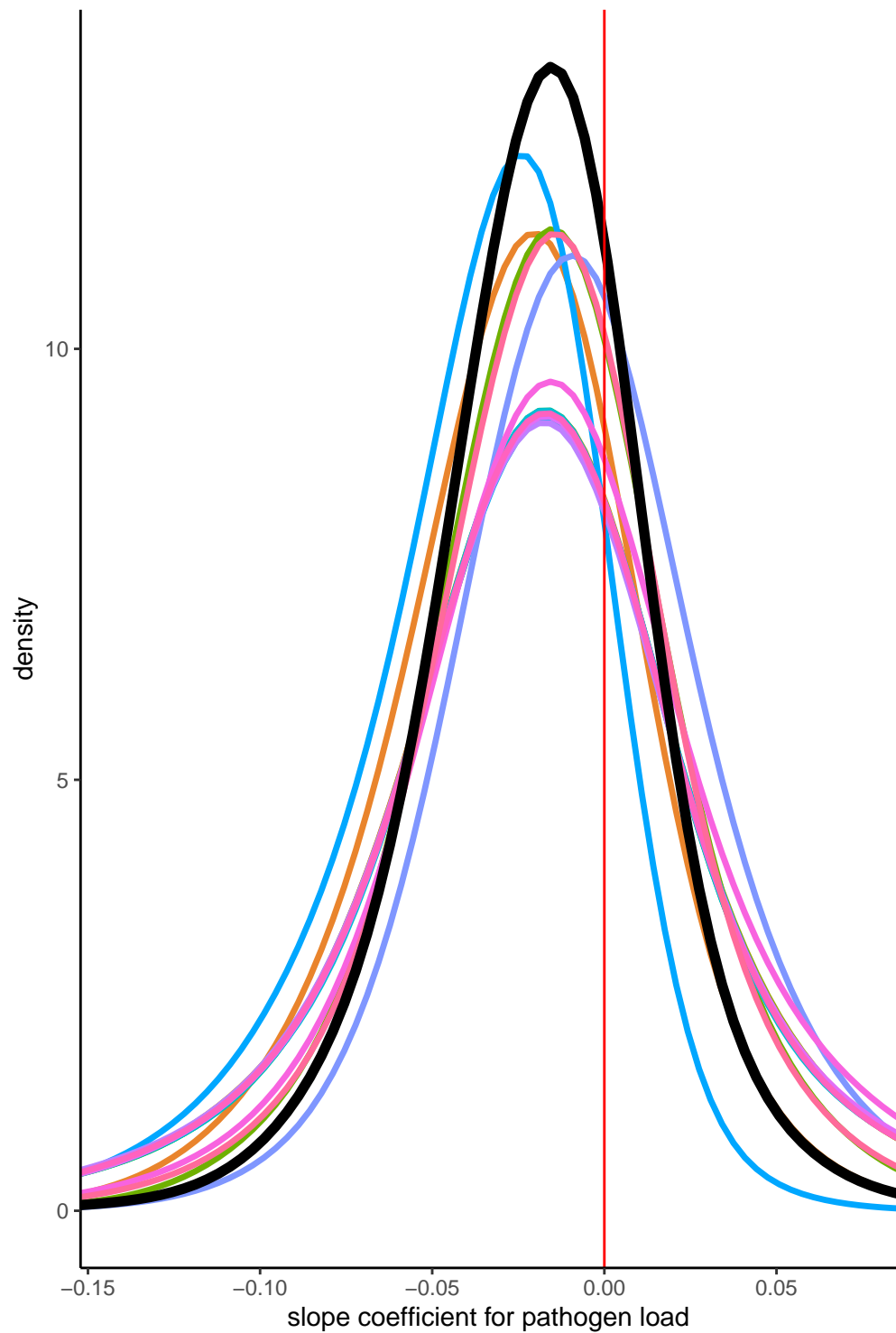
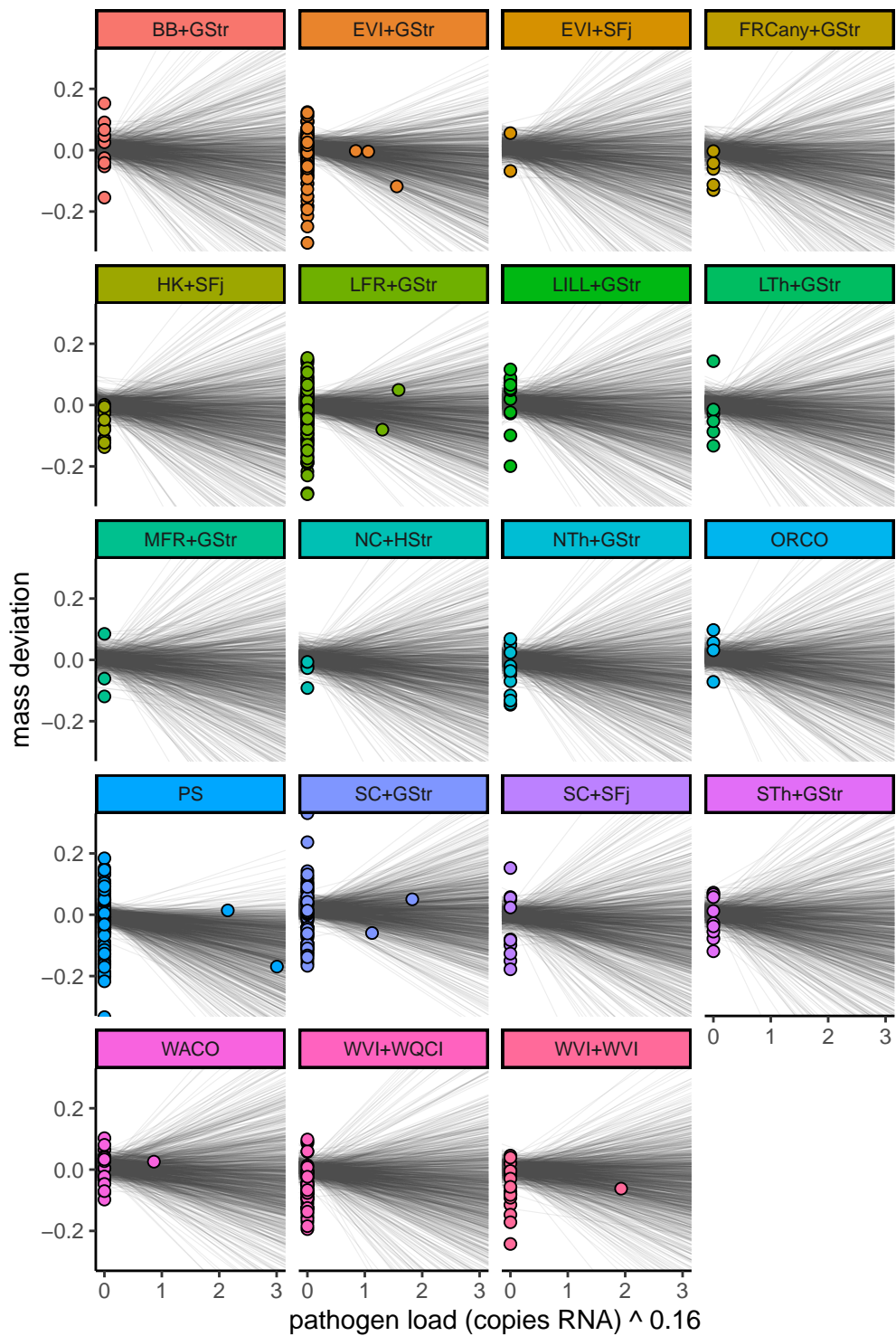
Ceratonova shasta SpSu



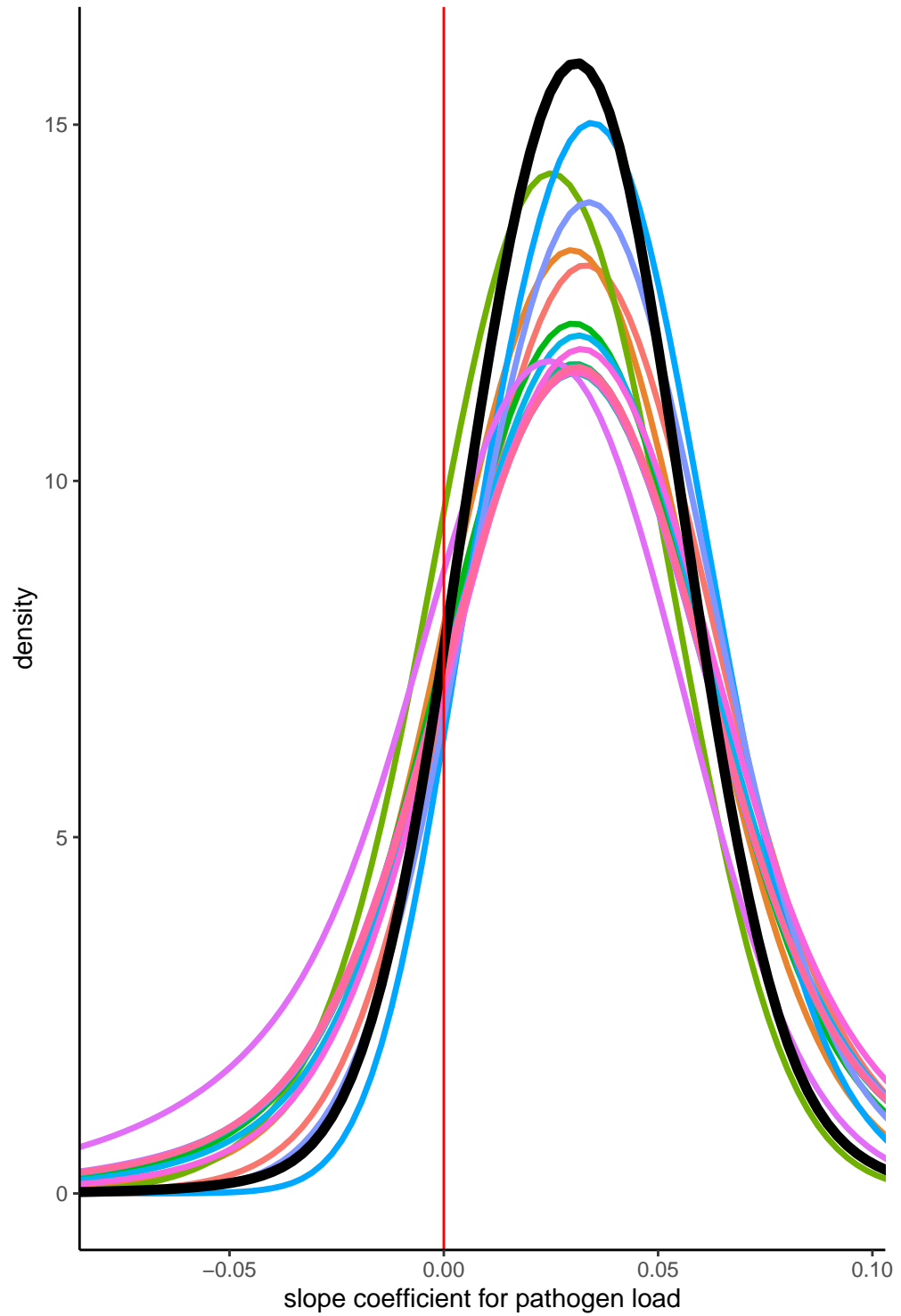
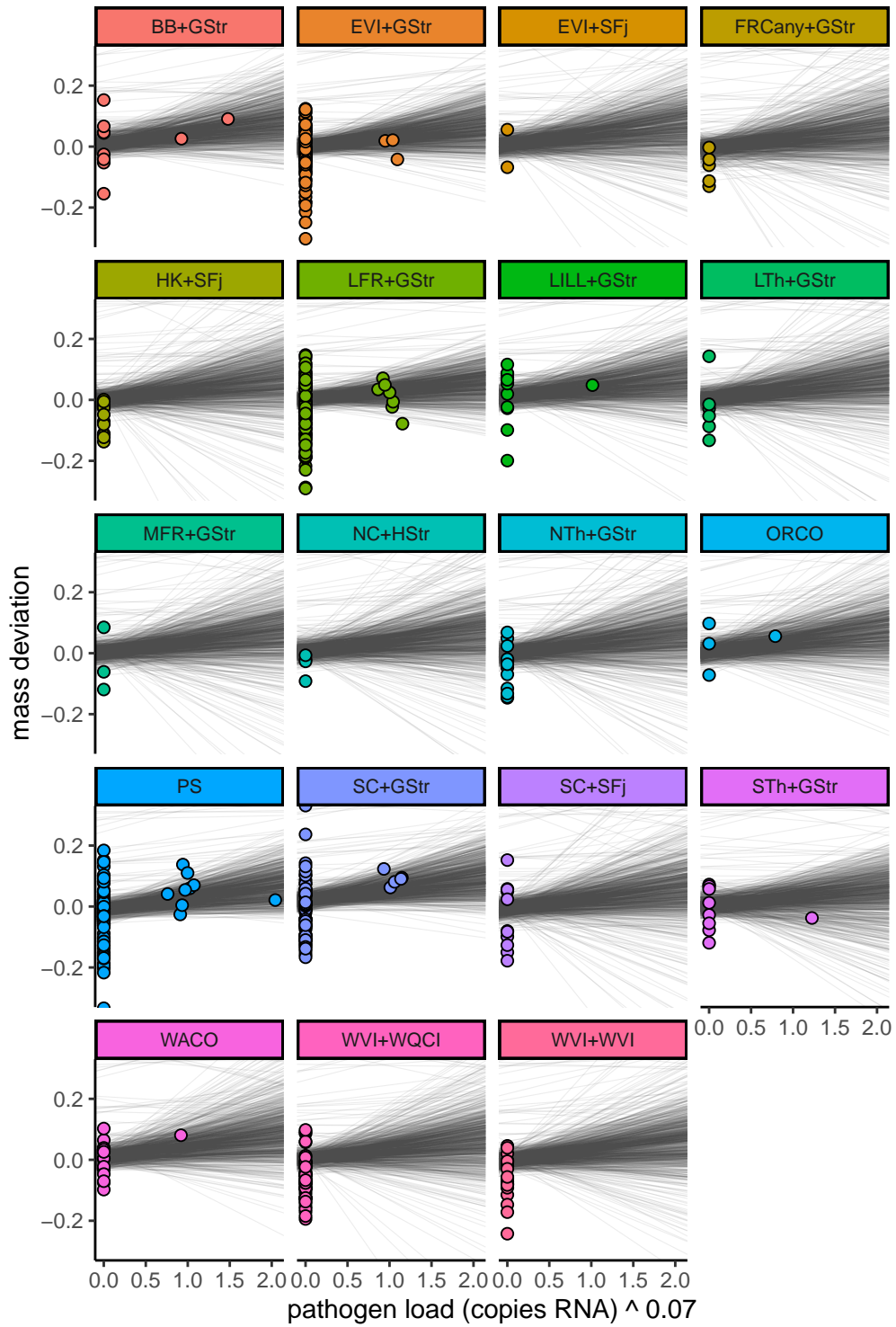
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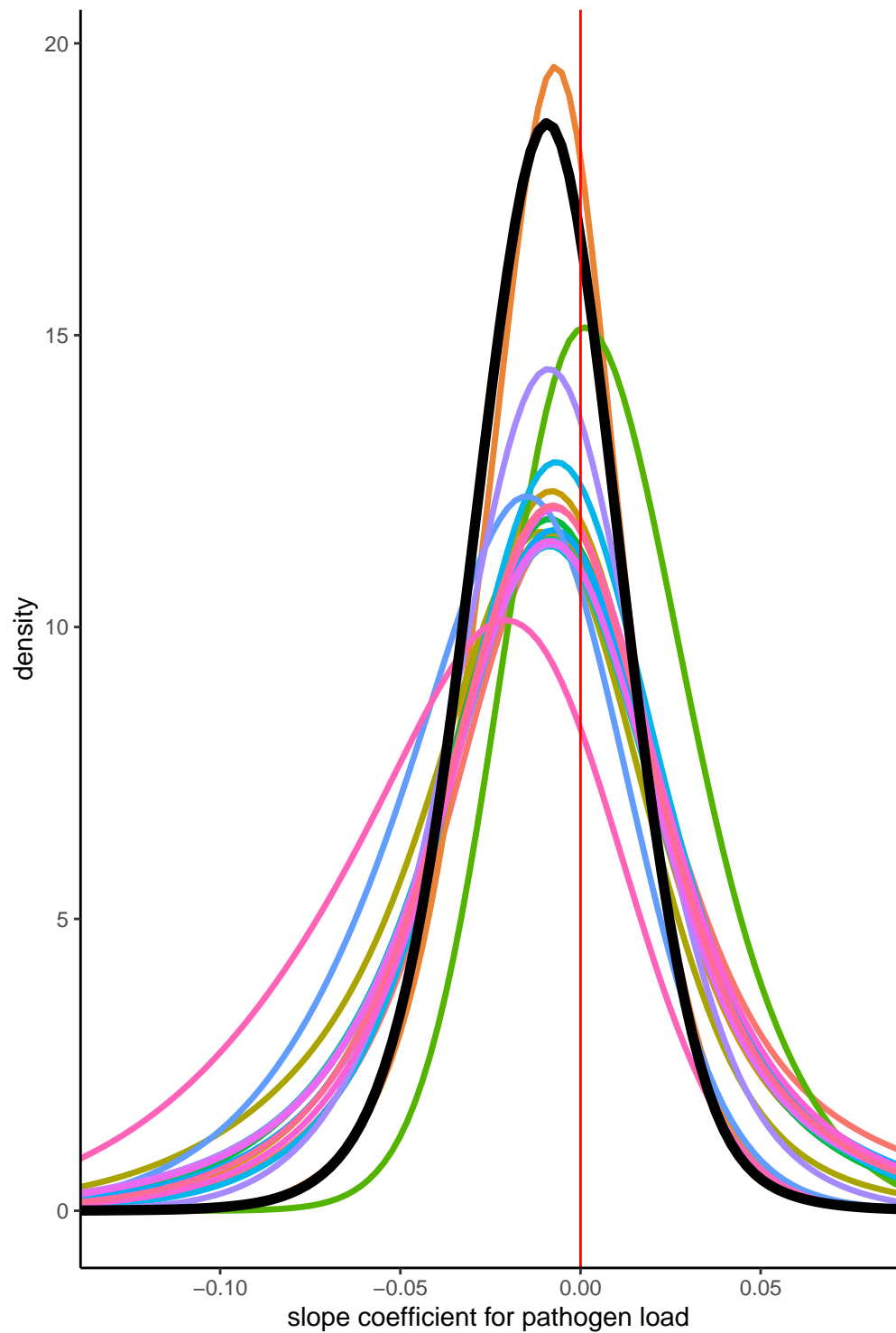
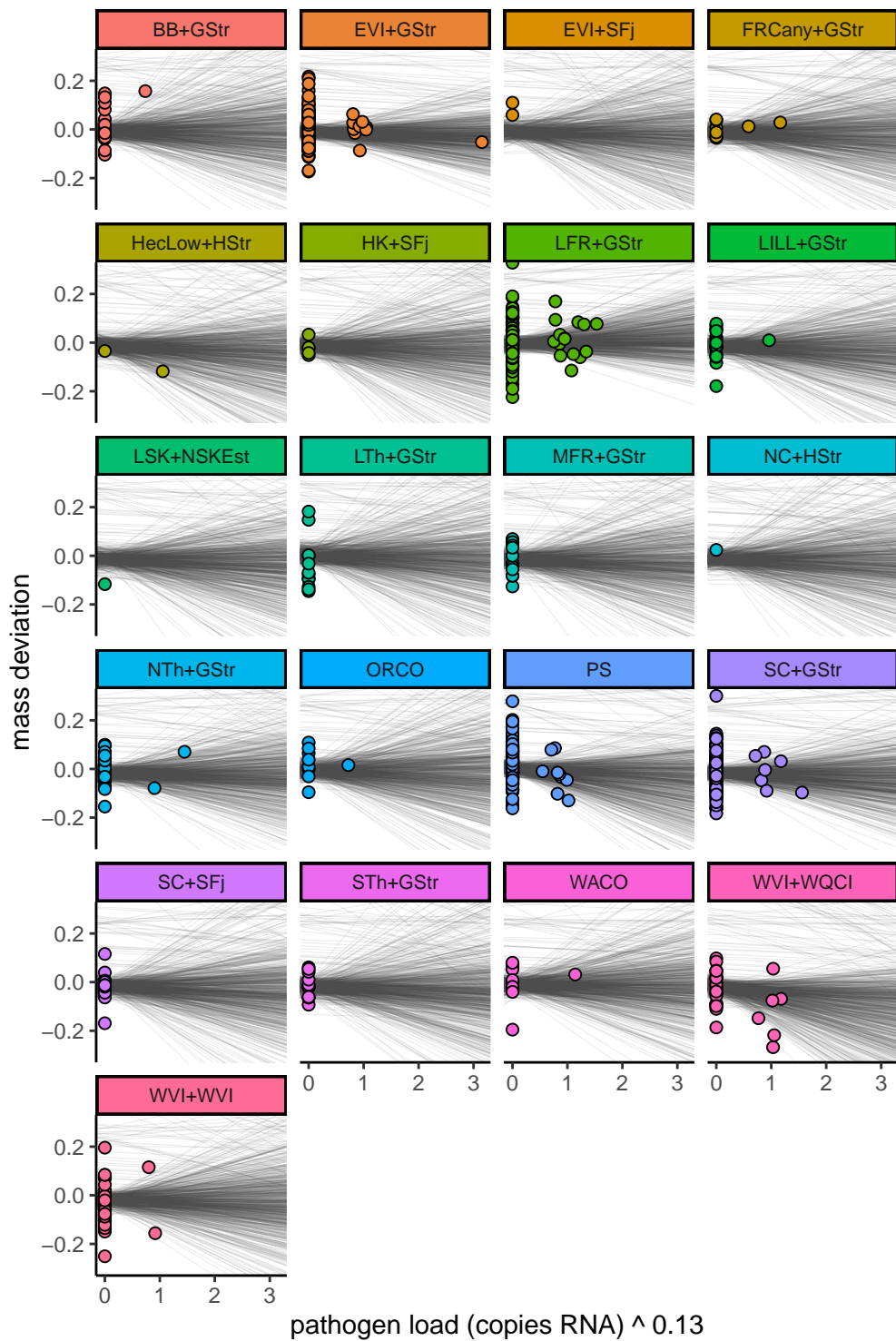
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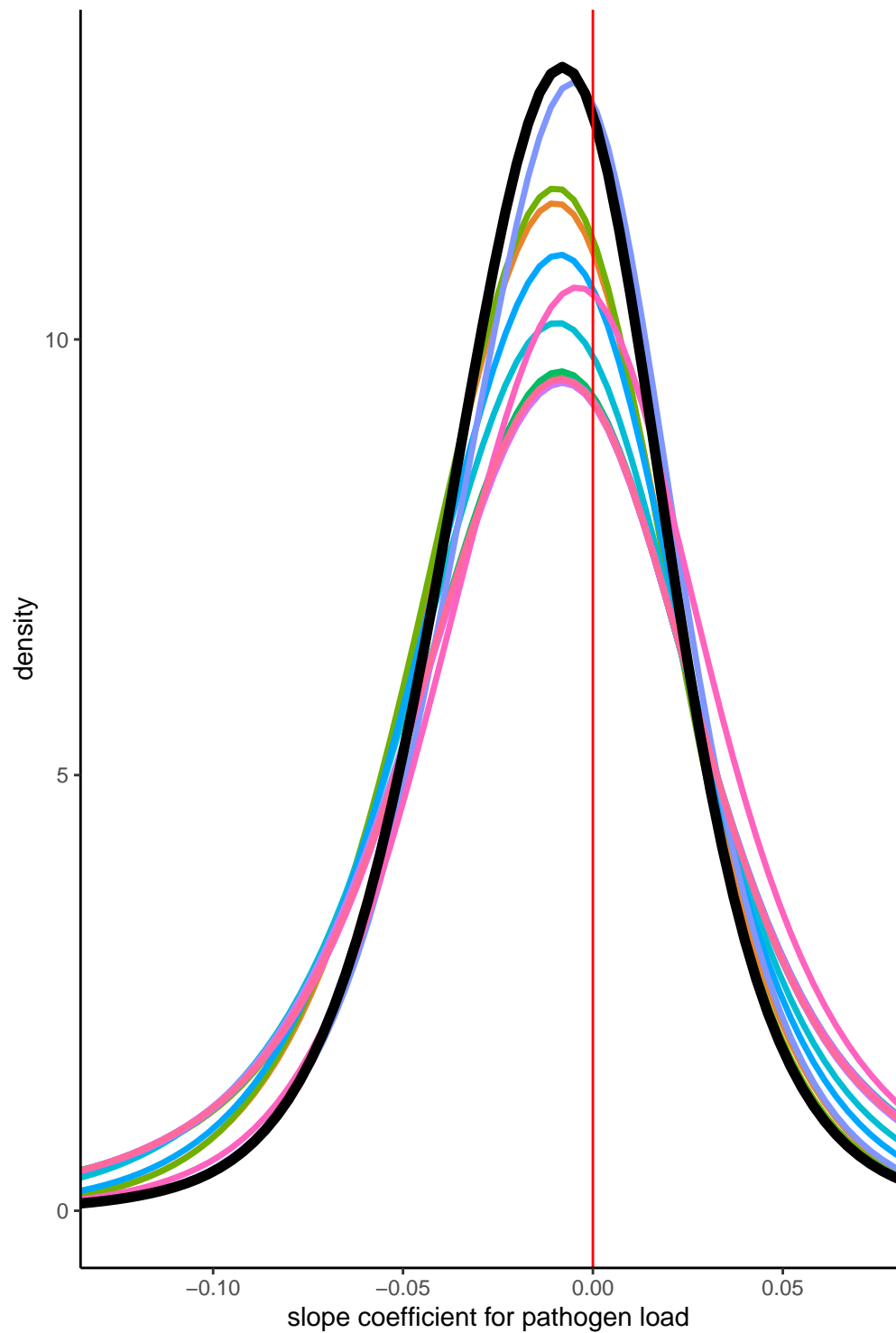
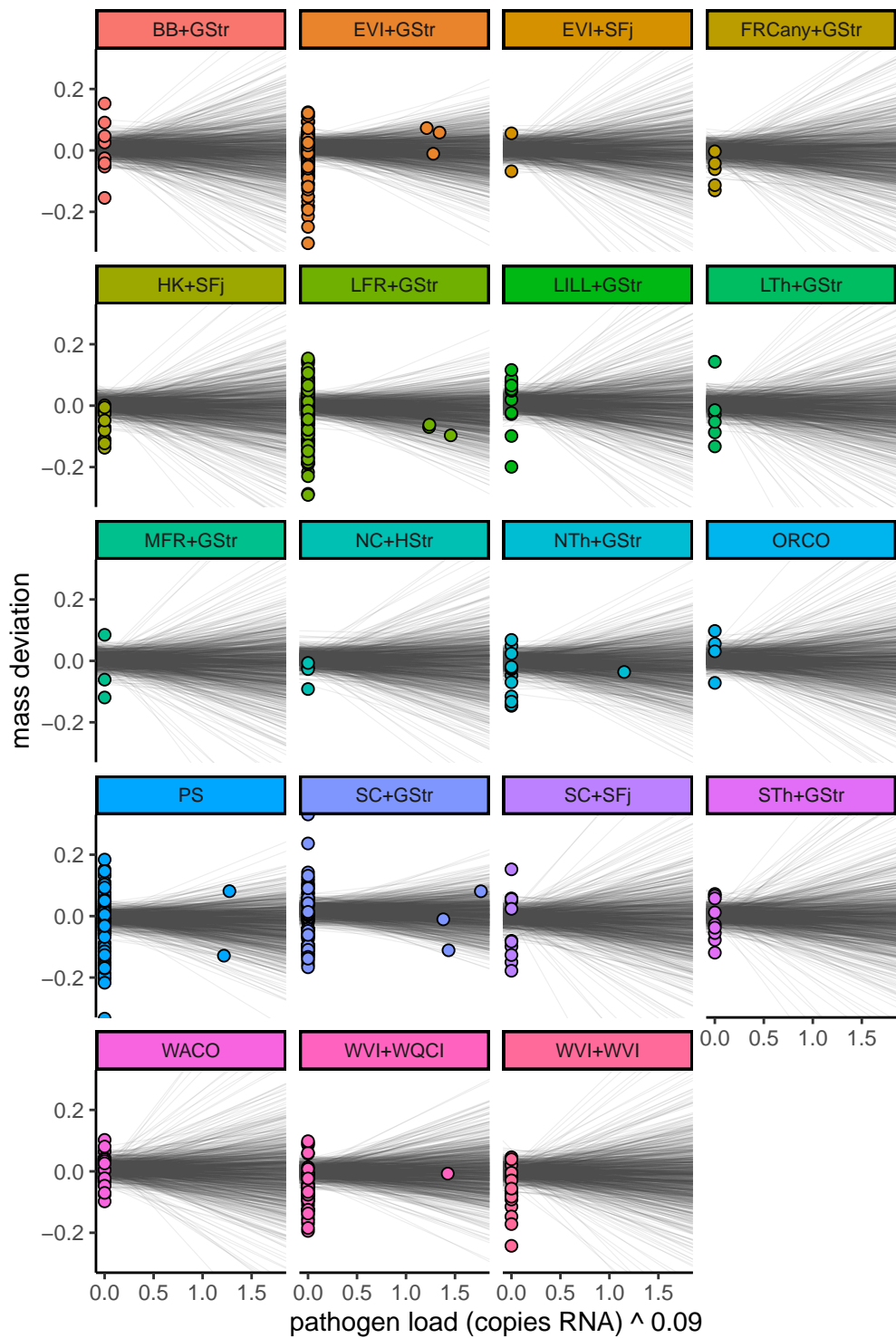
Facilispora margolisi SpSu



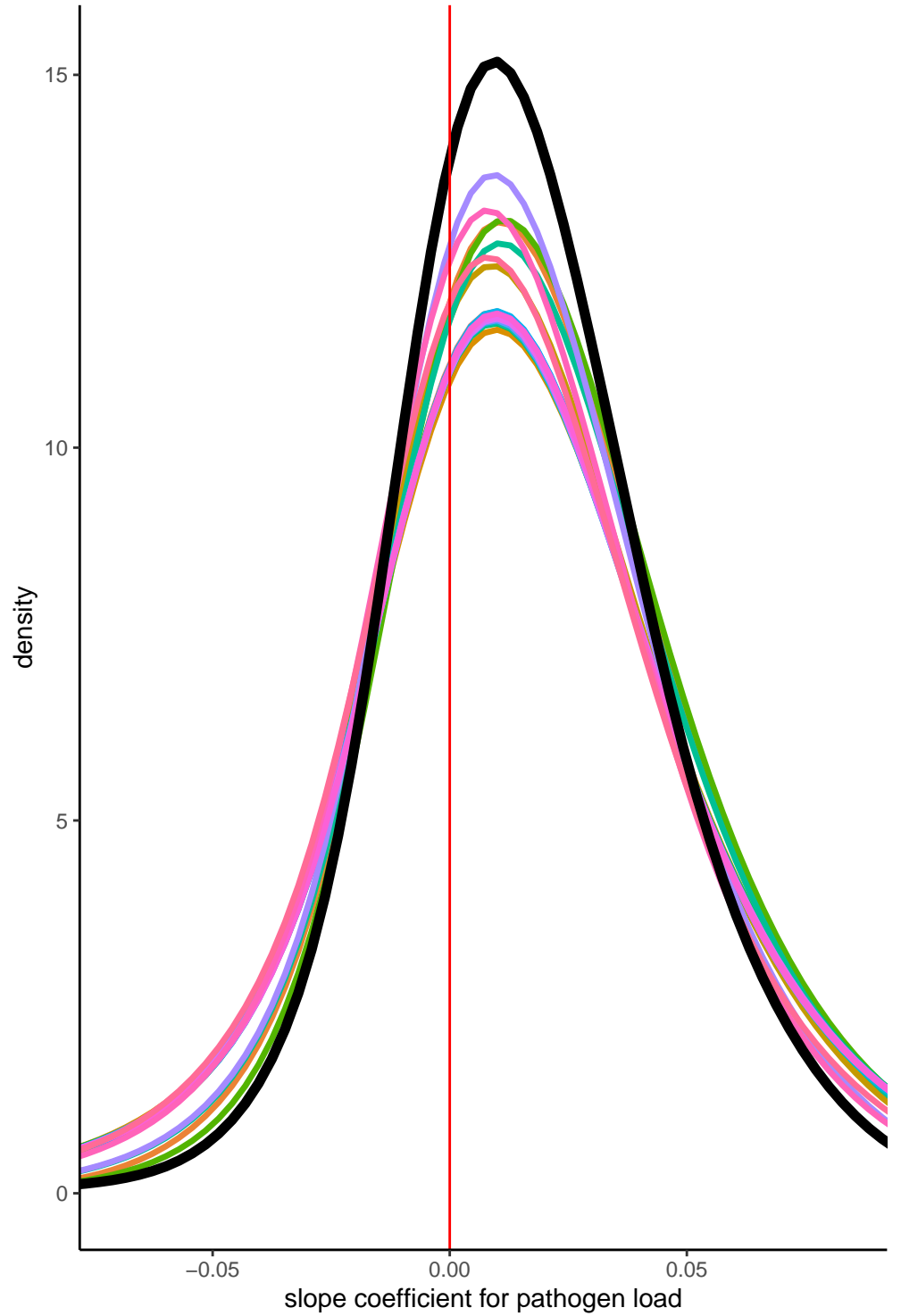
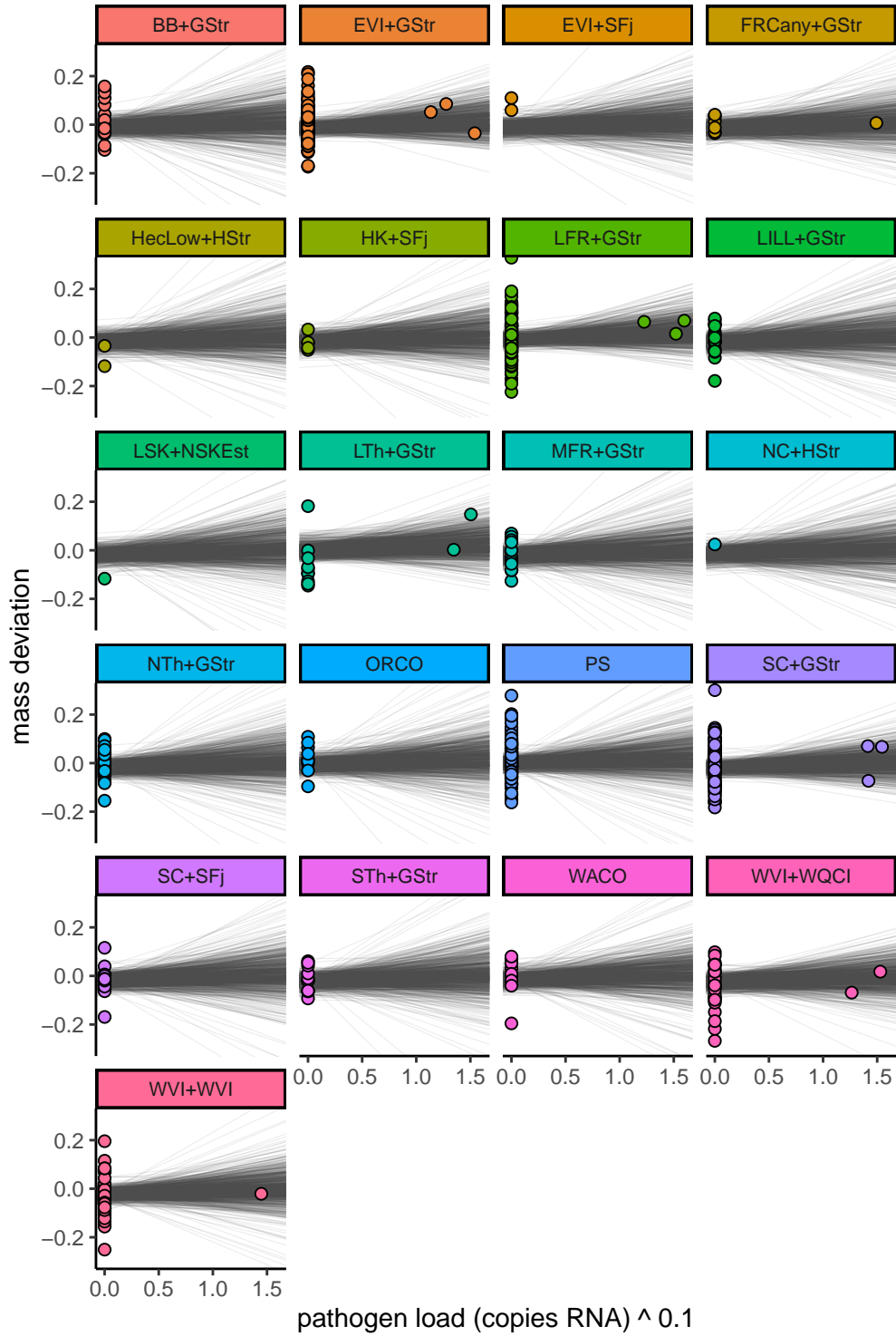
Facilispora margolisi FaWi



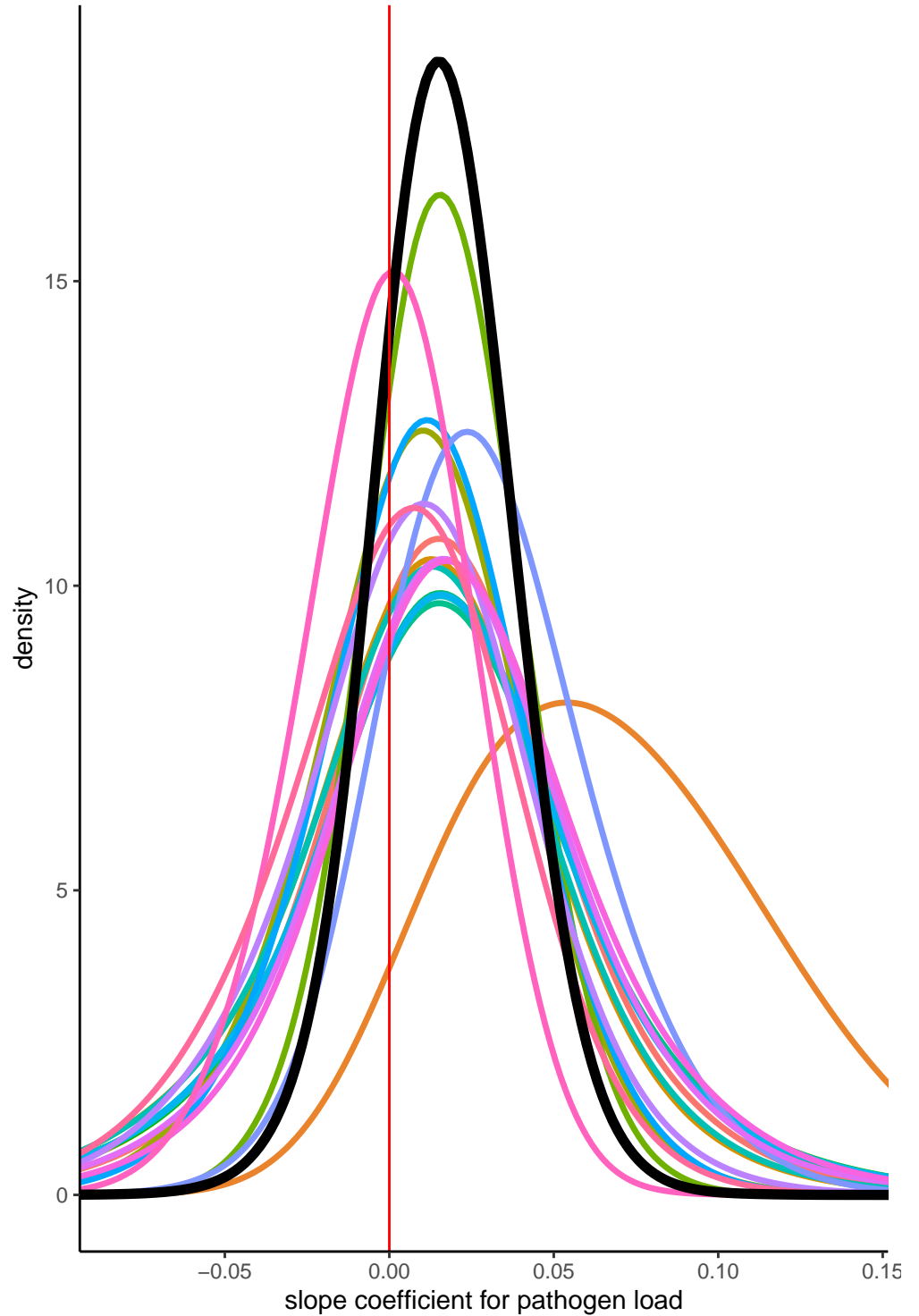
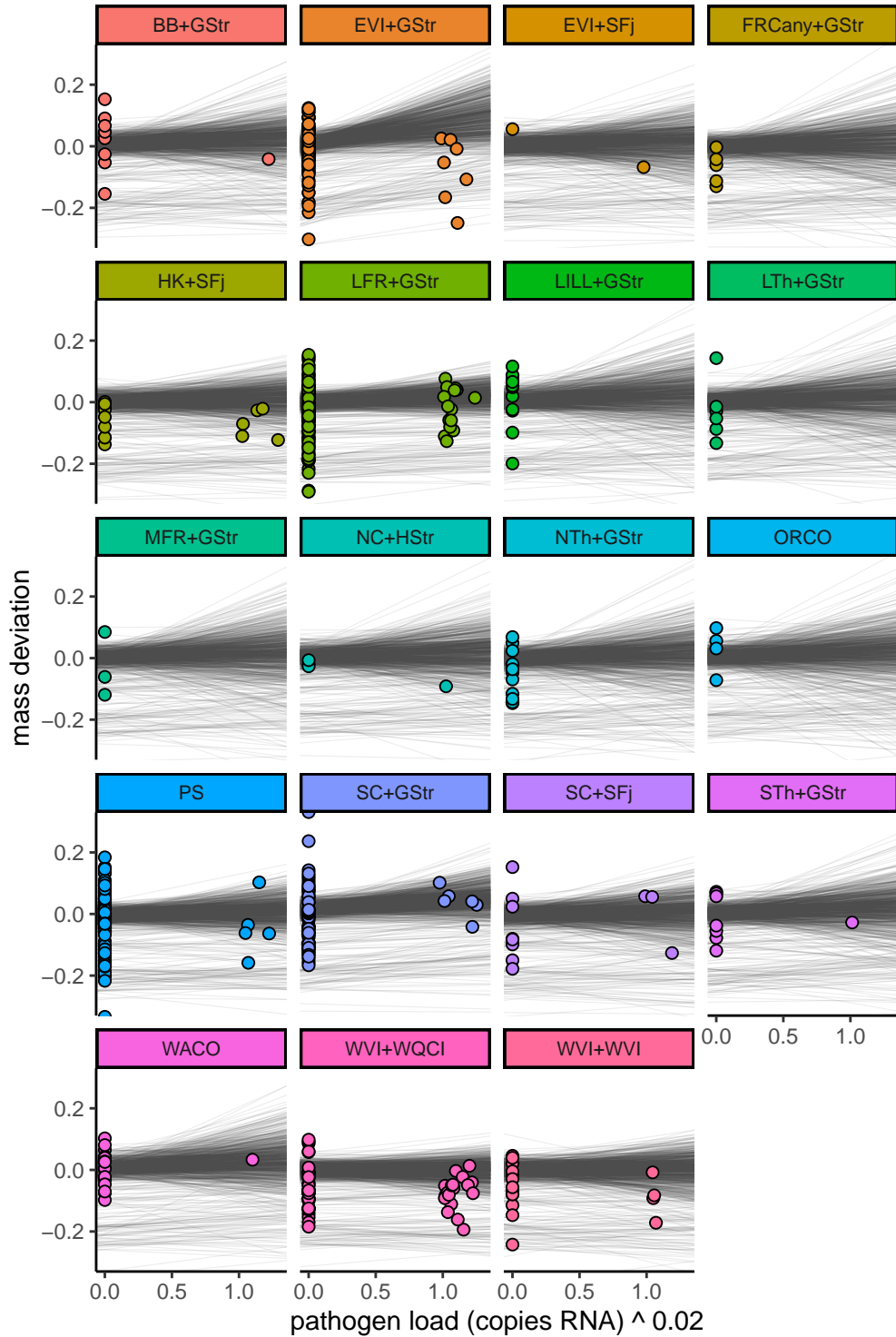
Flavobacterium psychrophilum SpSu



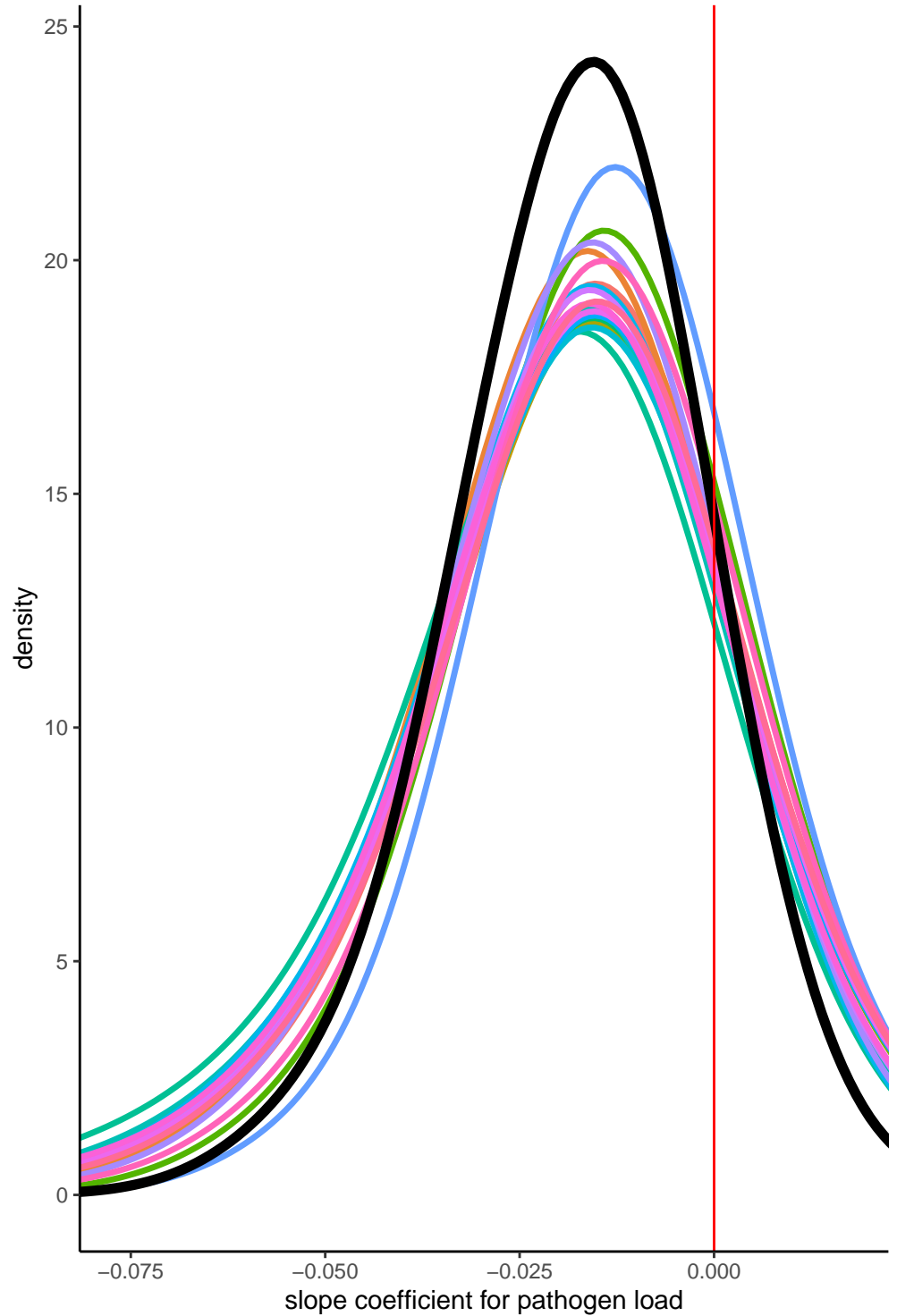
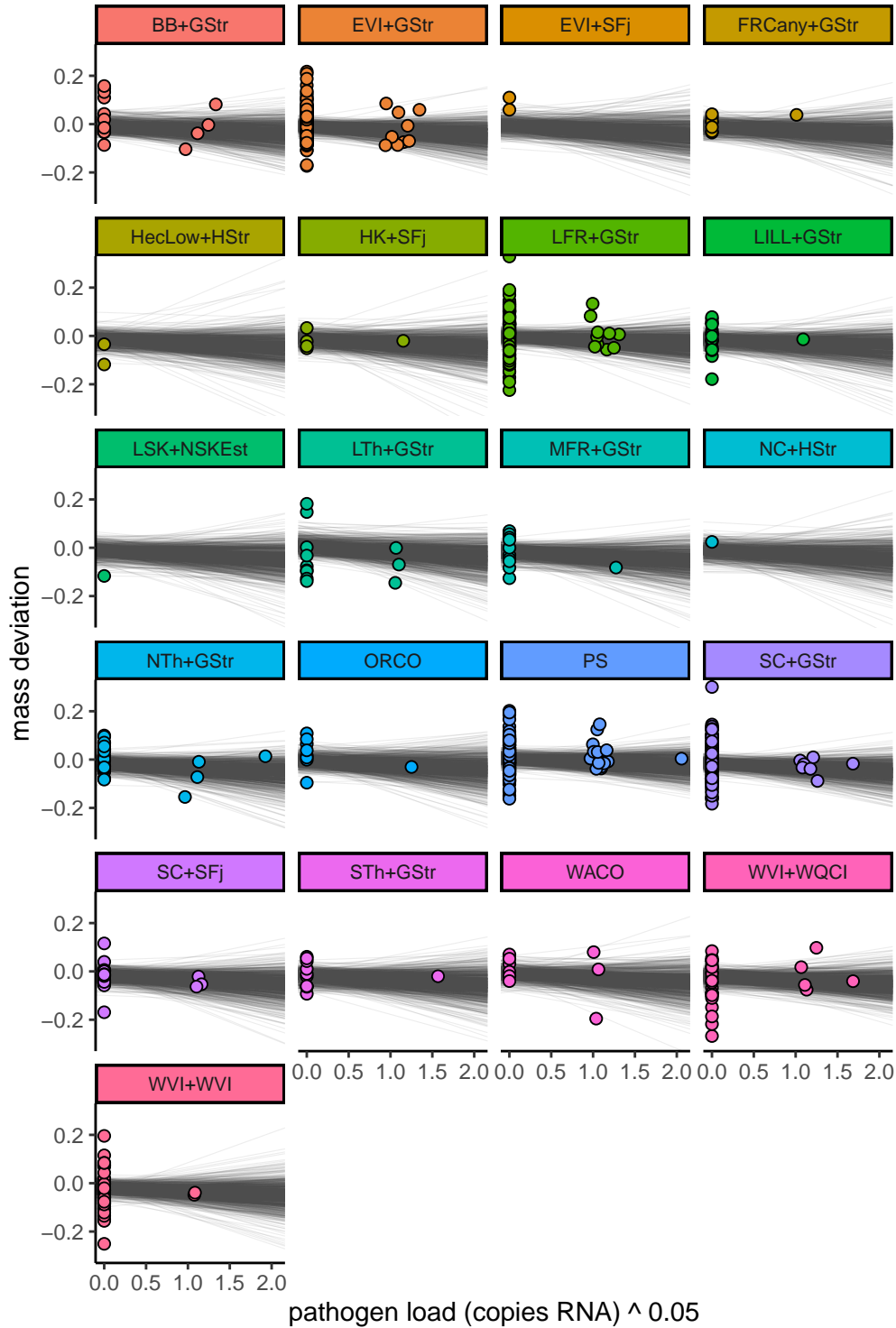
Flavobacterium psychrophilum FaWi



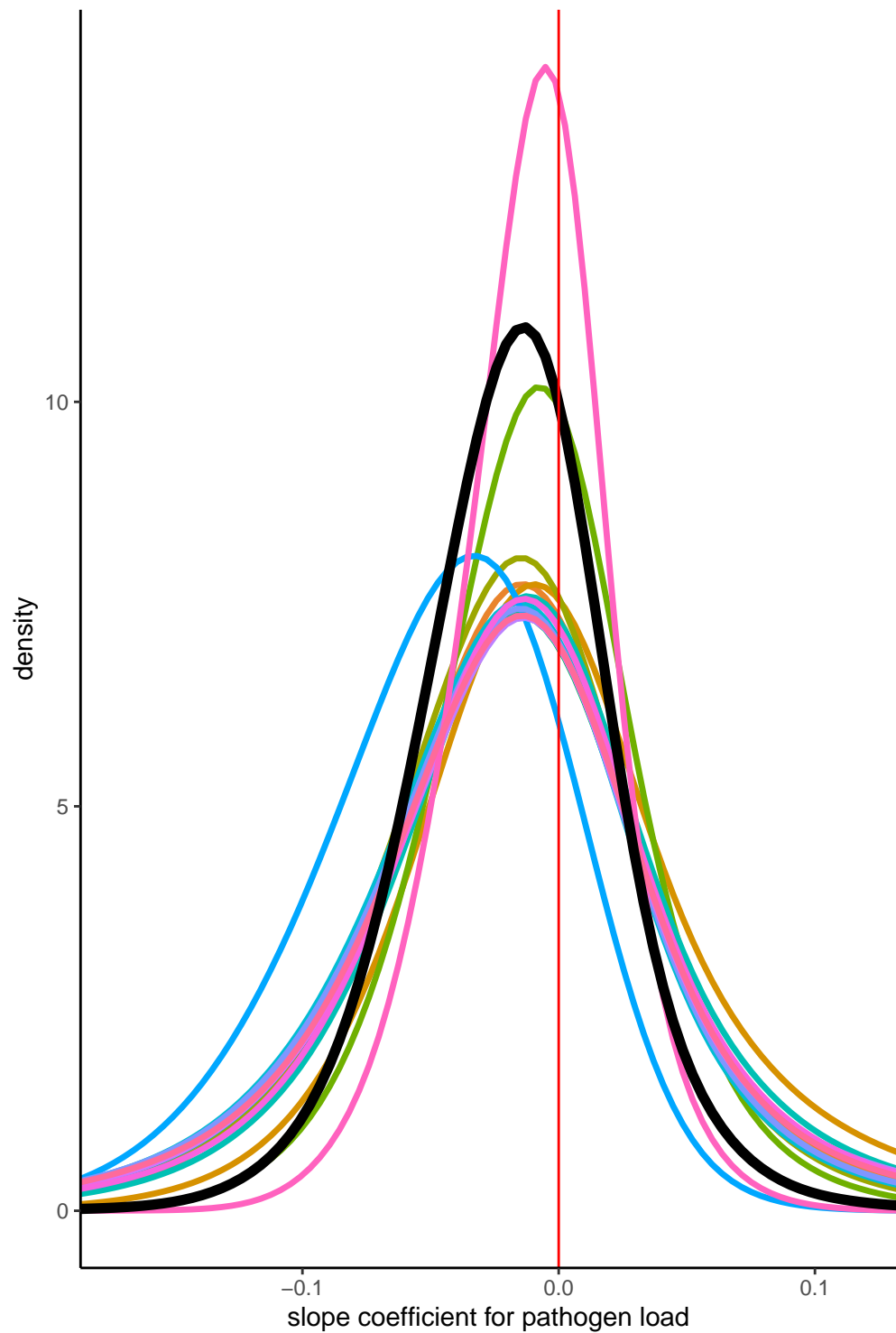
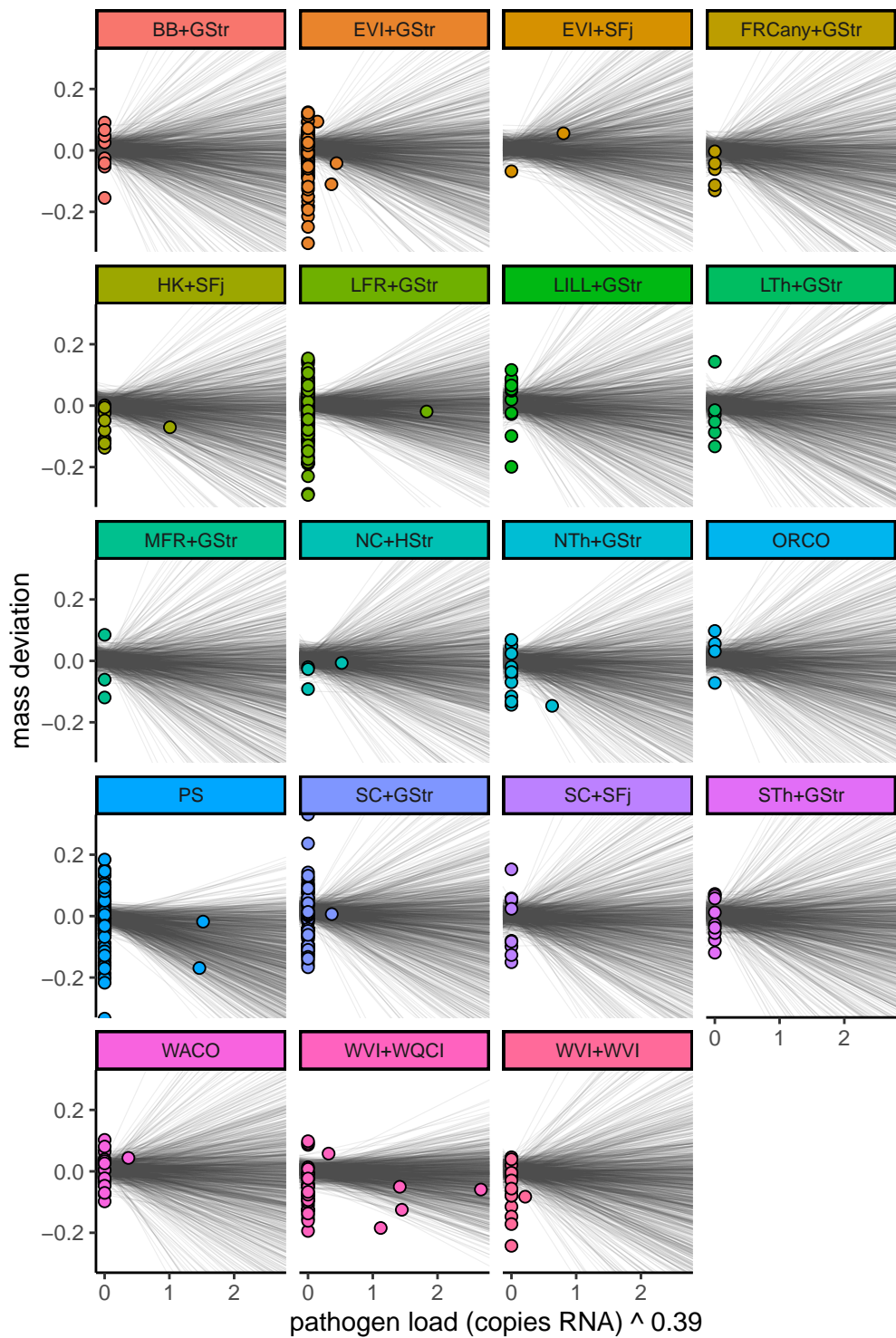
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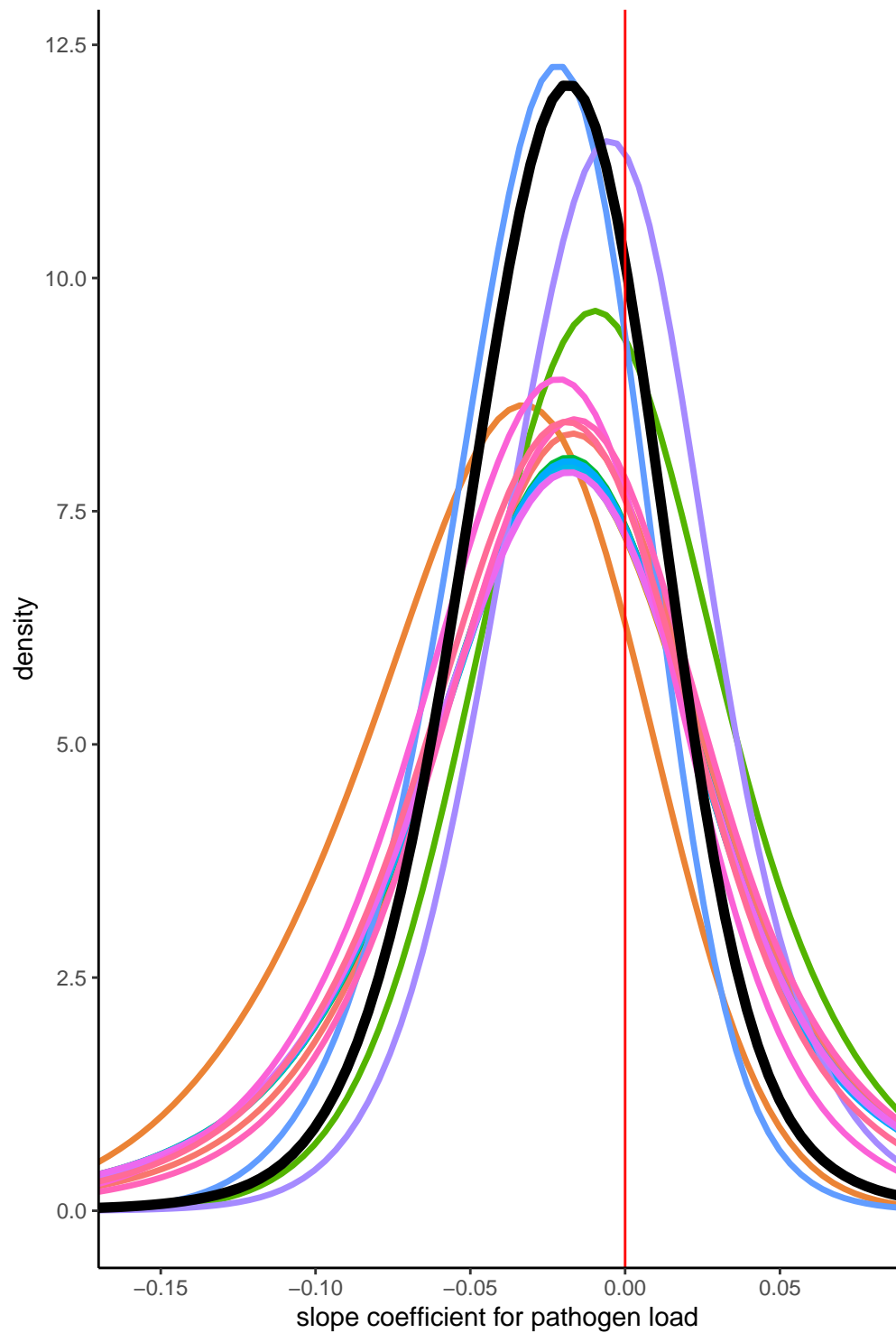
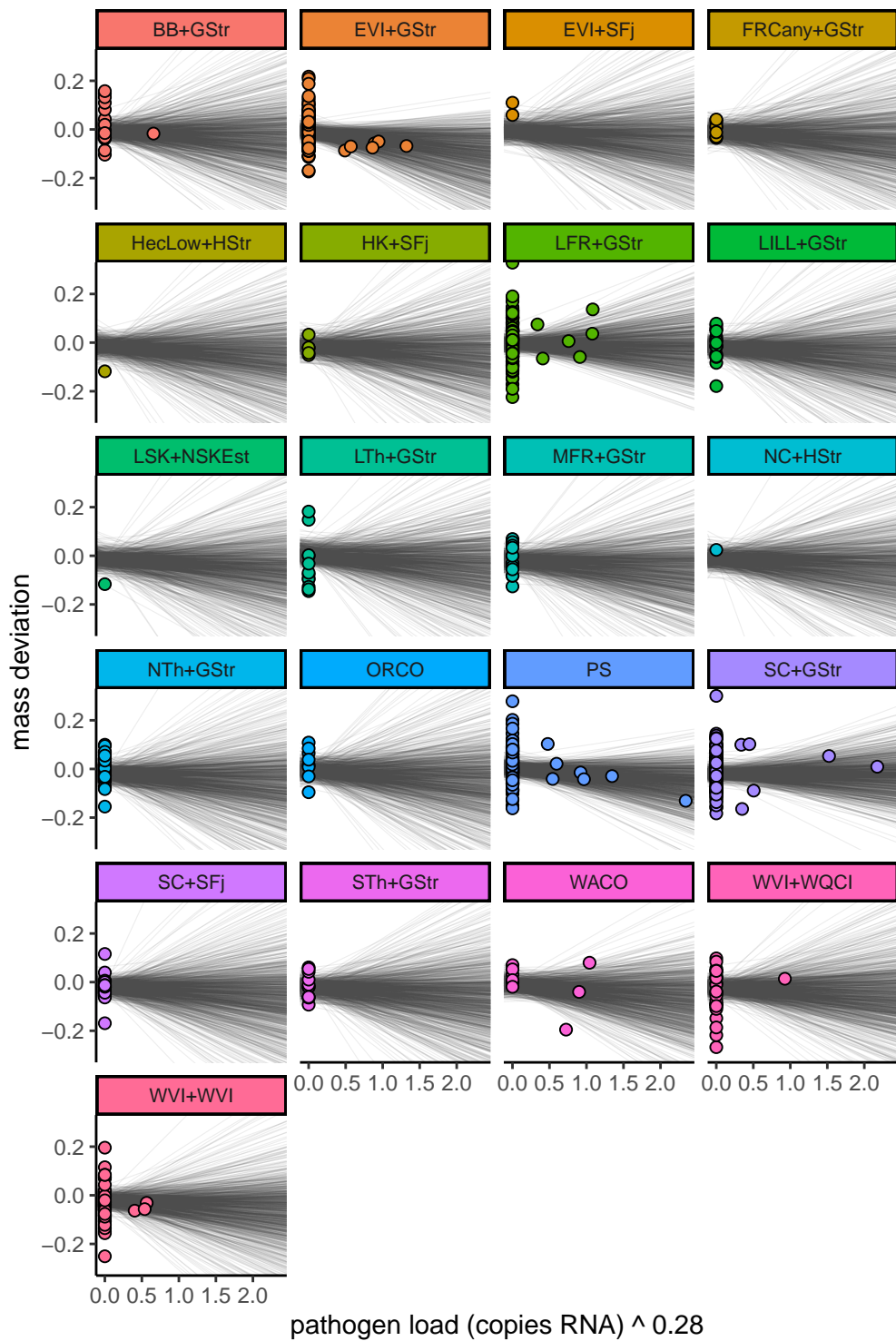
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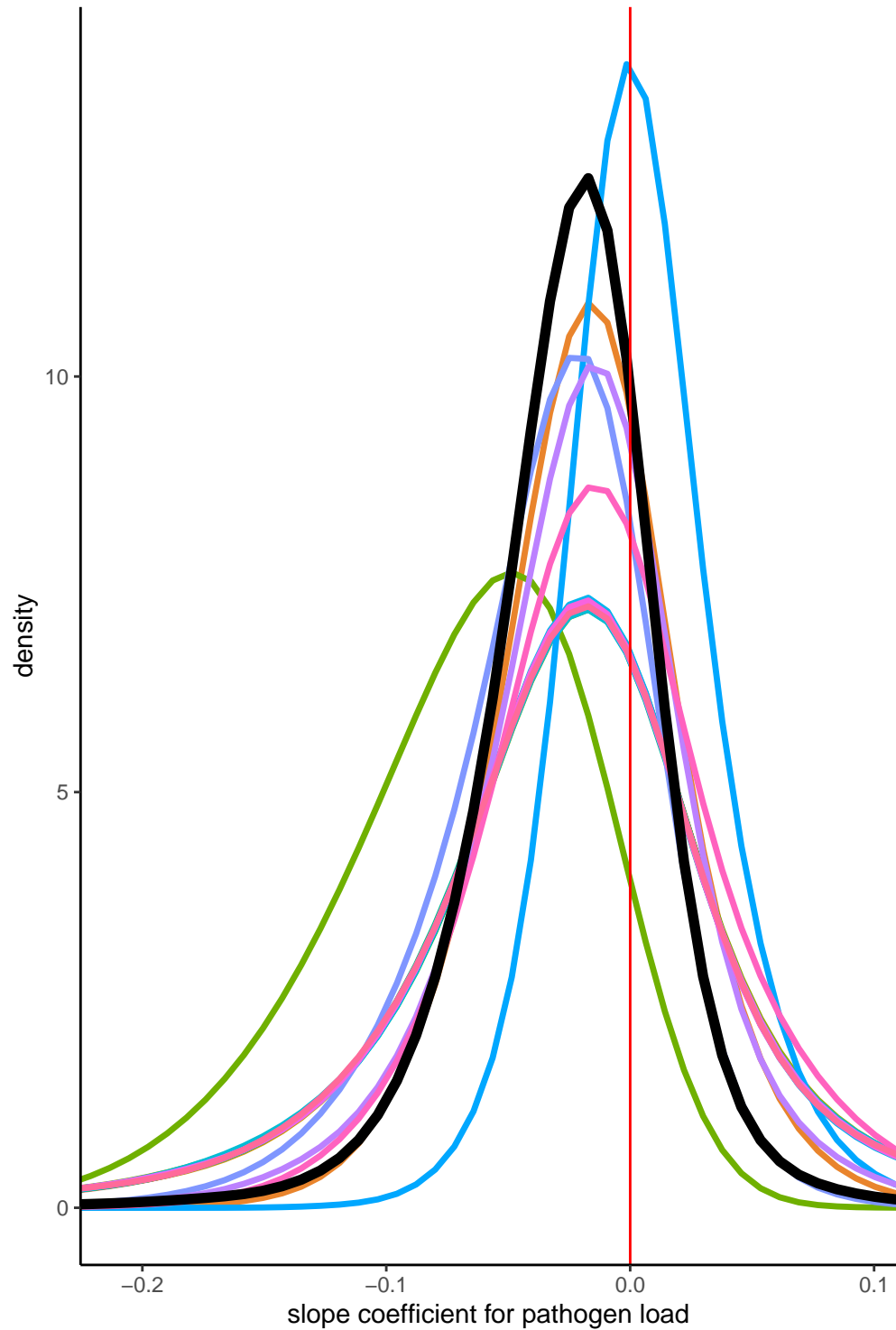
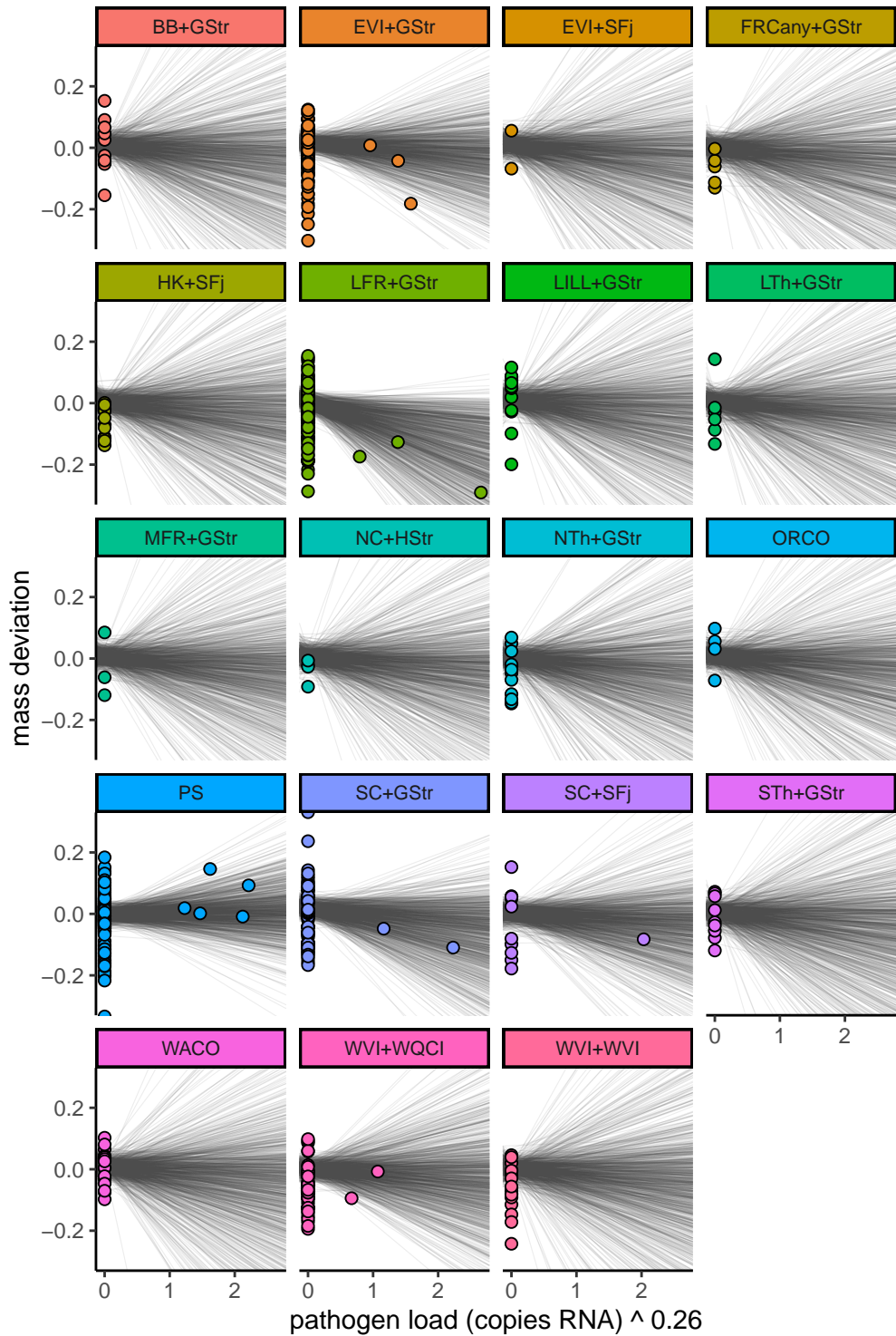
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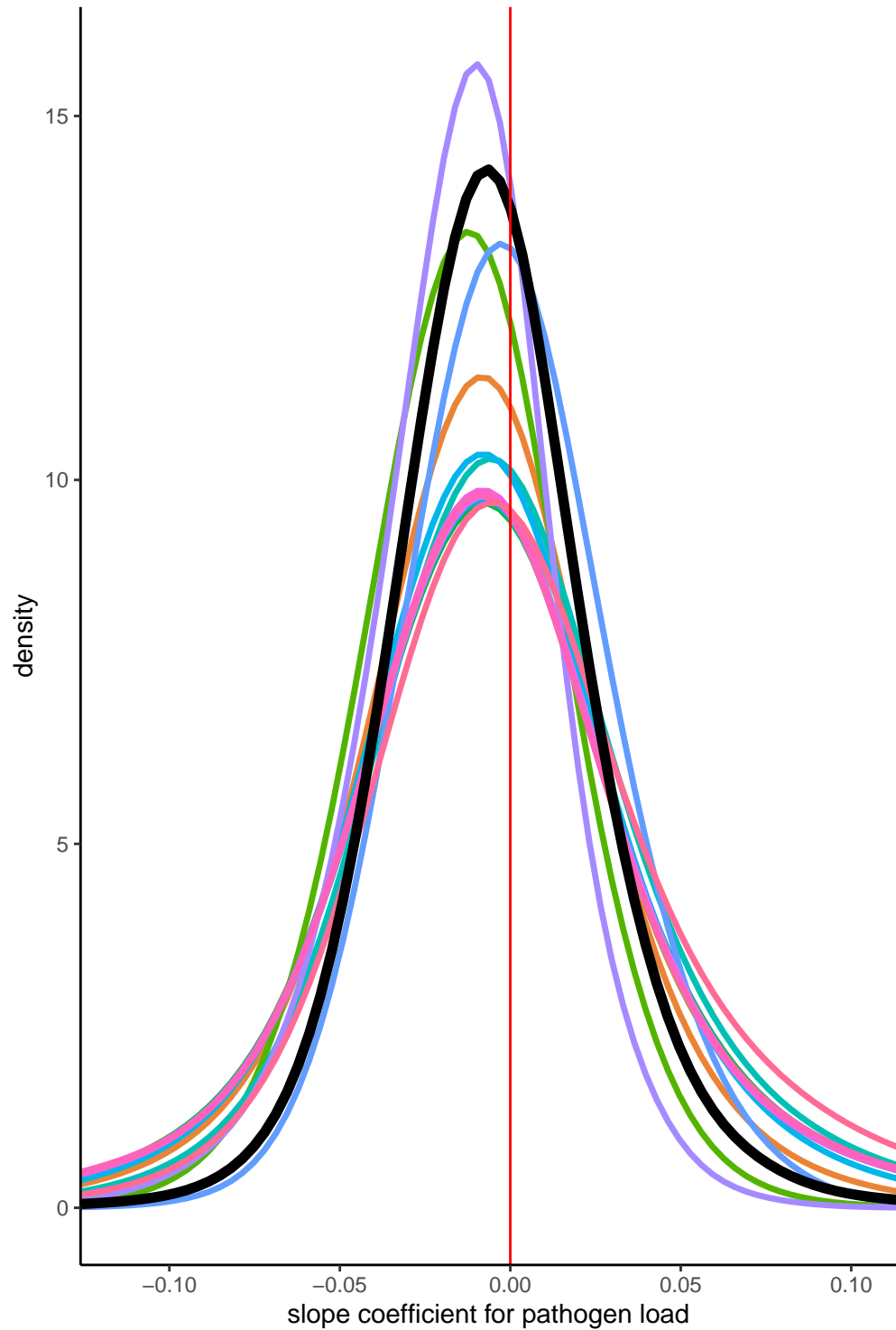
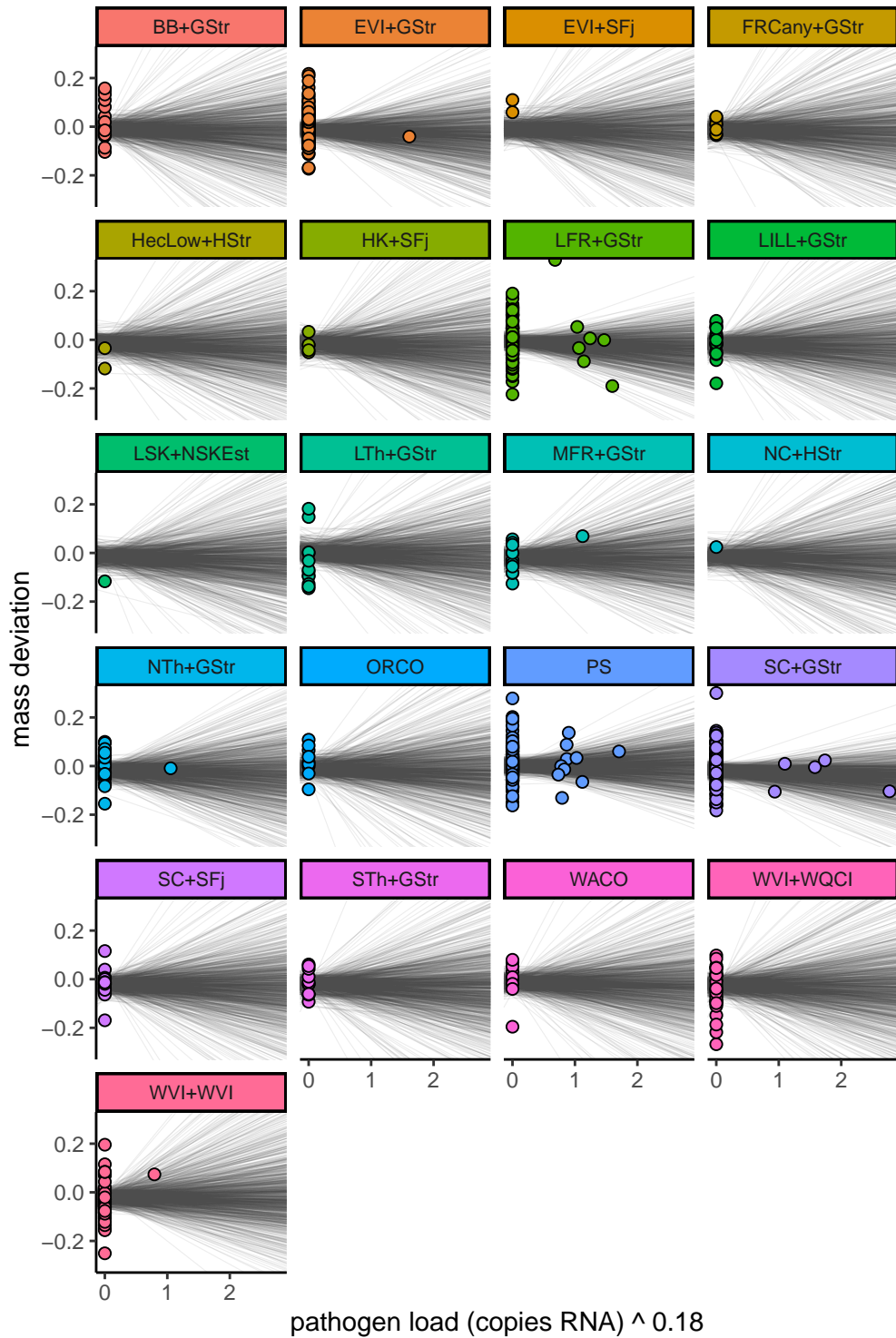
Ichthyophthirius multifiliis FaWi



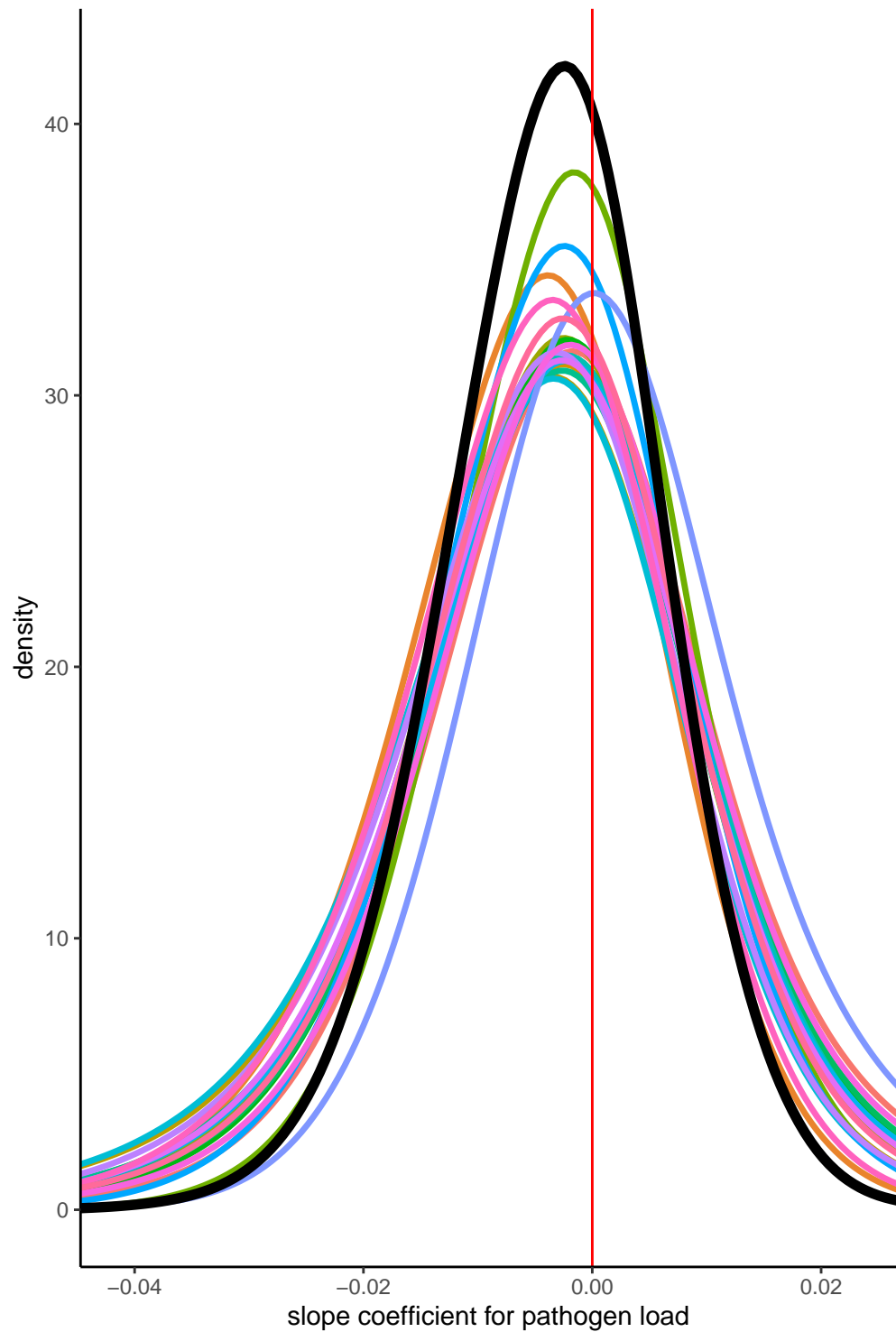
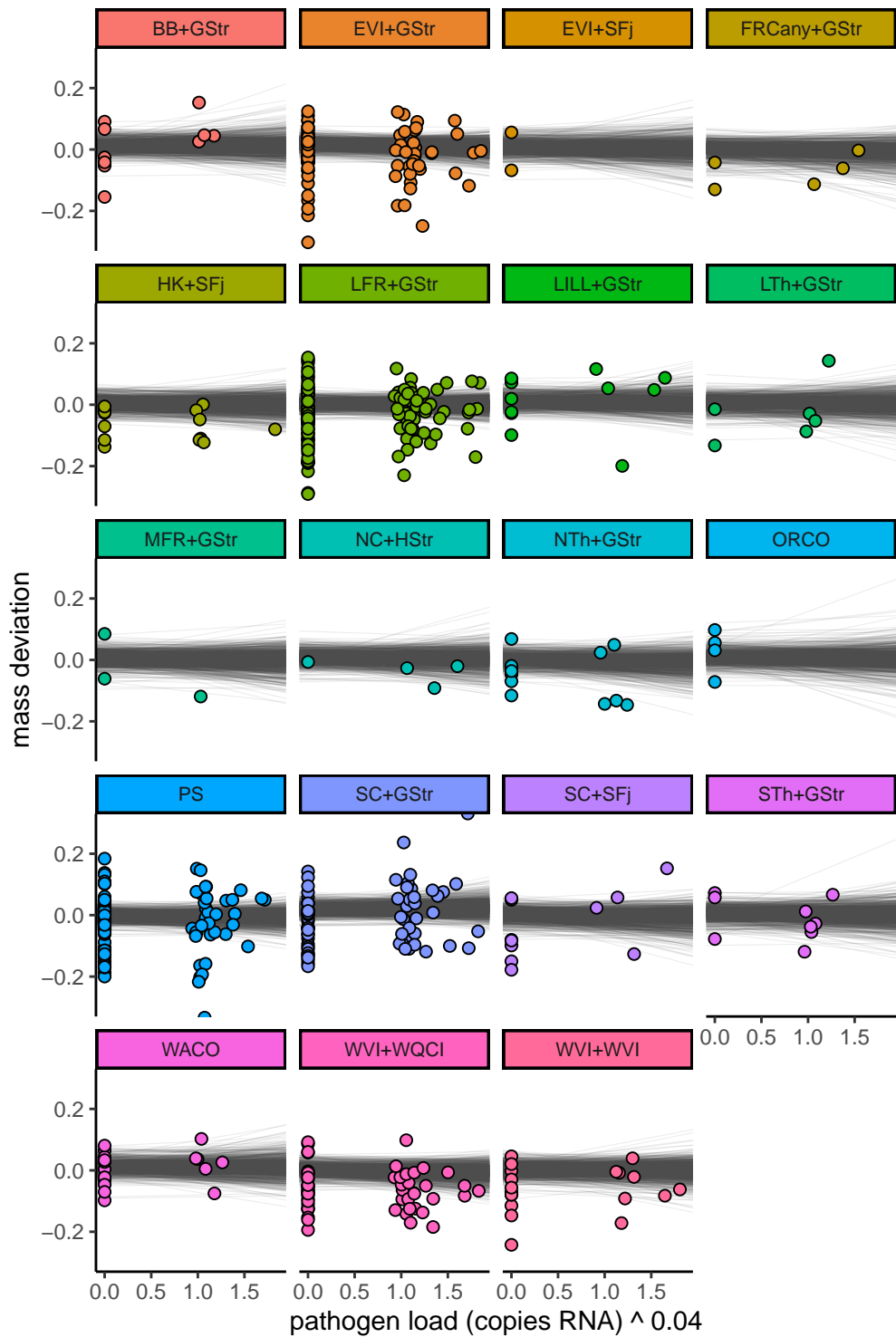
Kudoa thyr sites SpSu



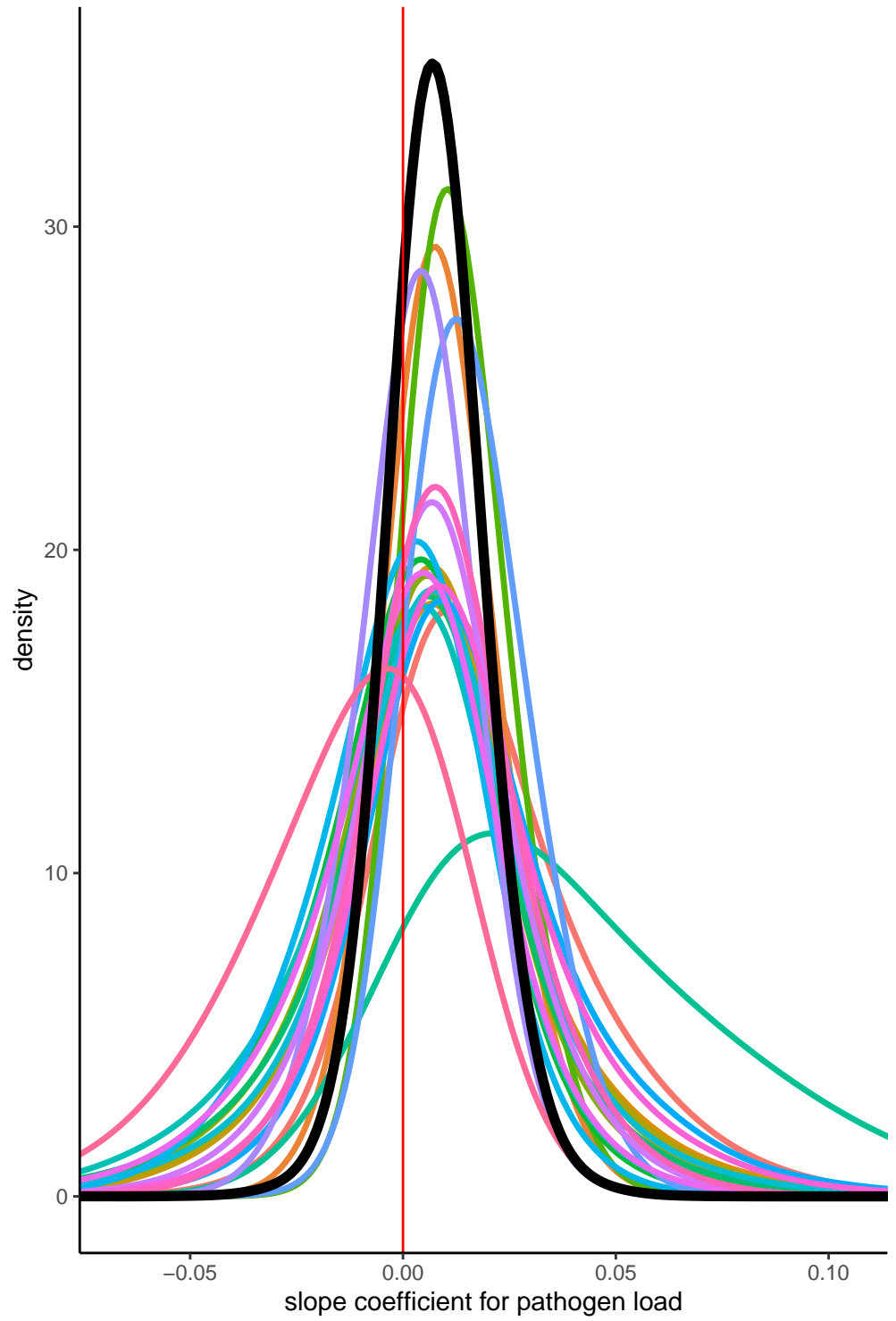
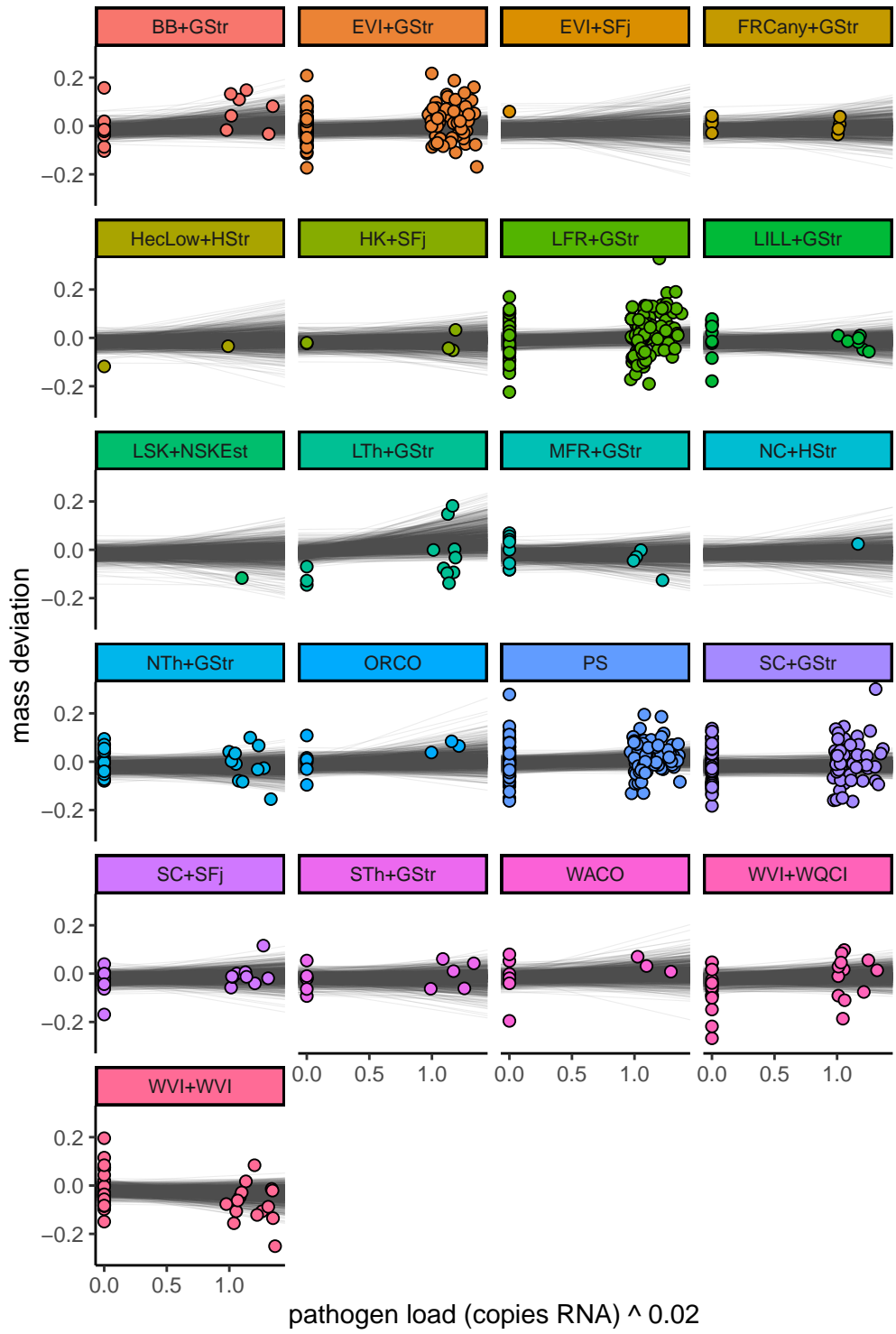
Kudoa thyr sites FaWi



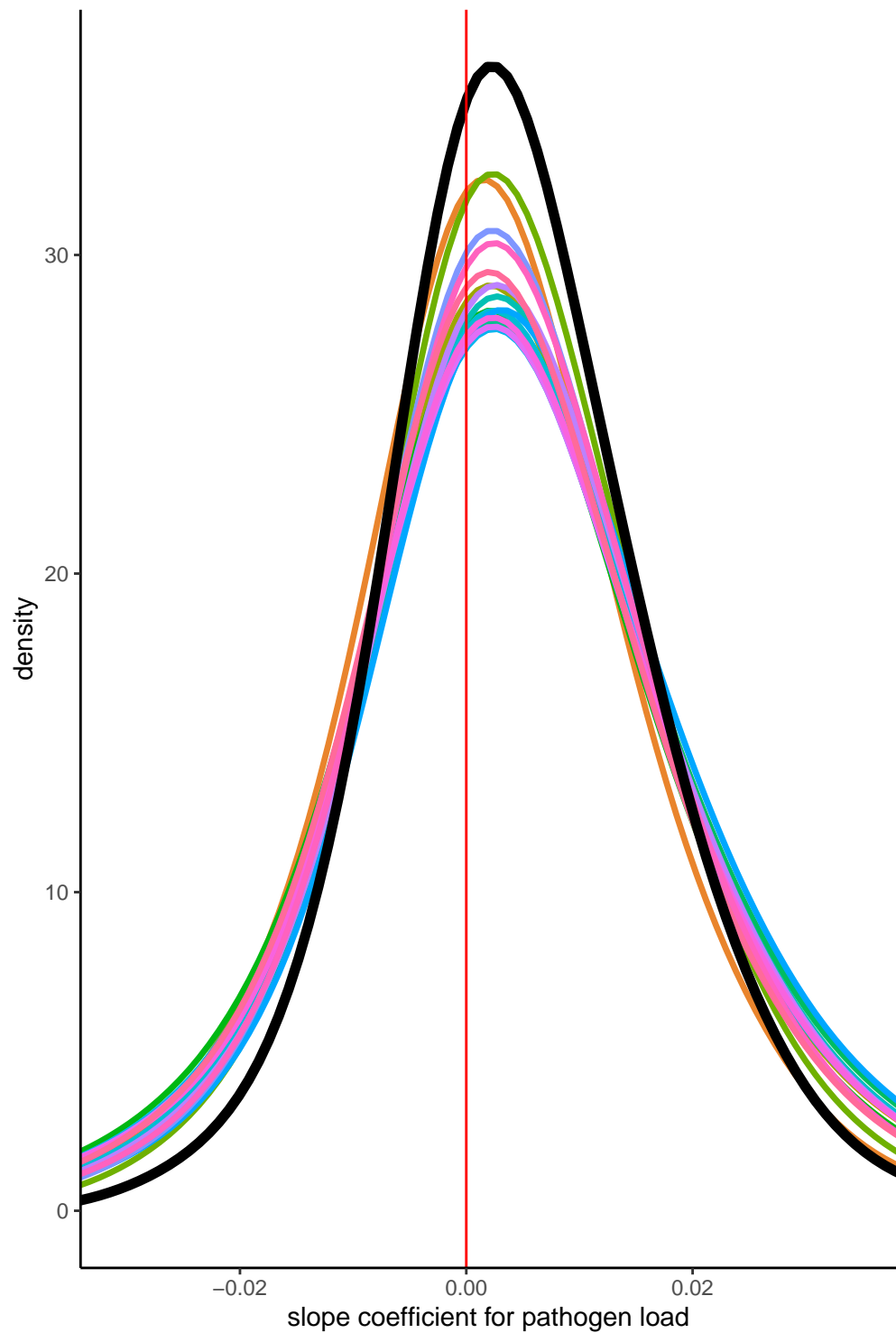
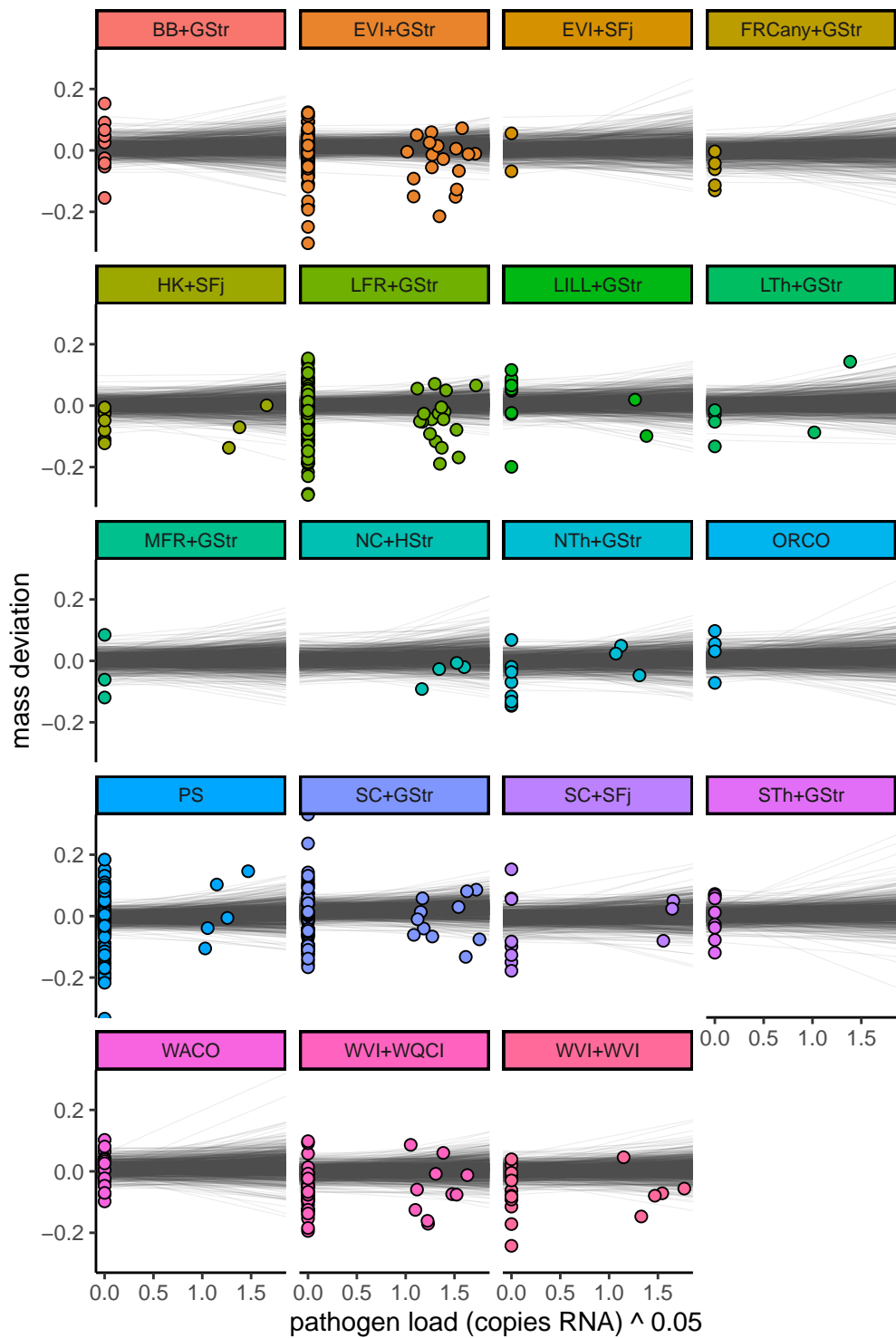
Loma salmonae SpSu



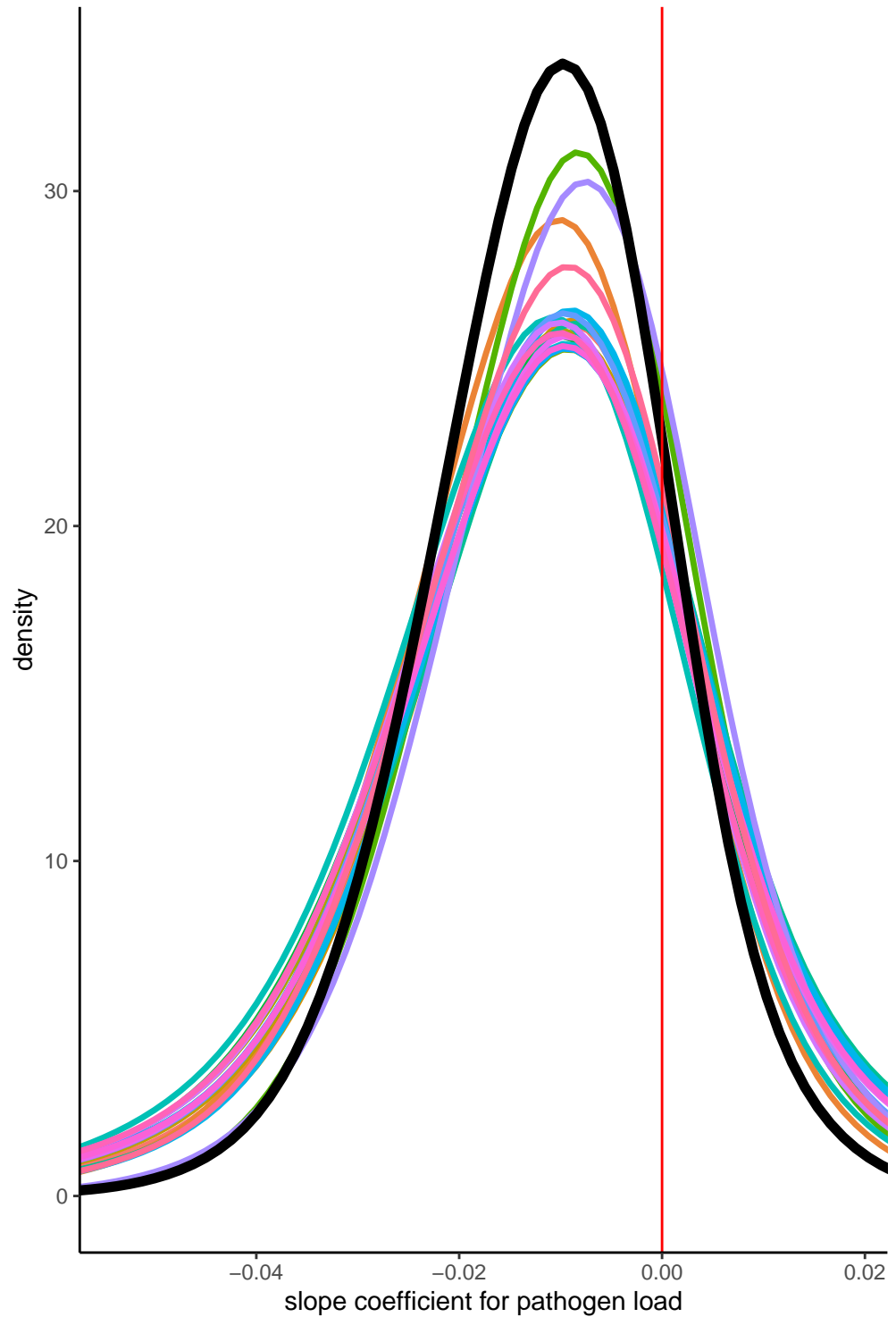
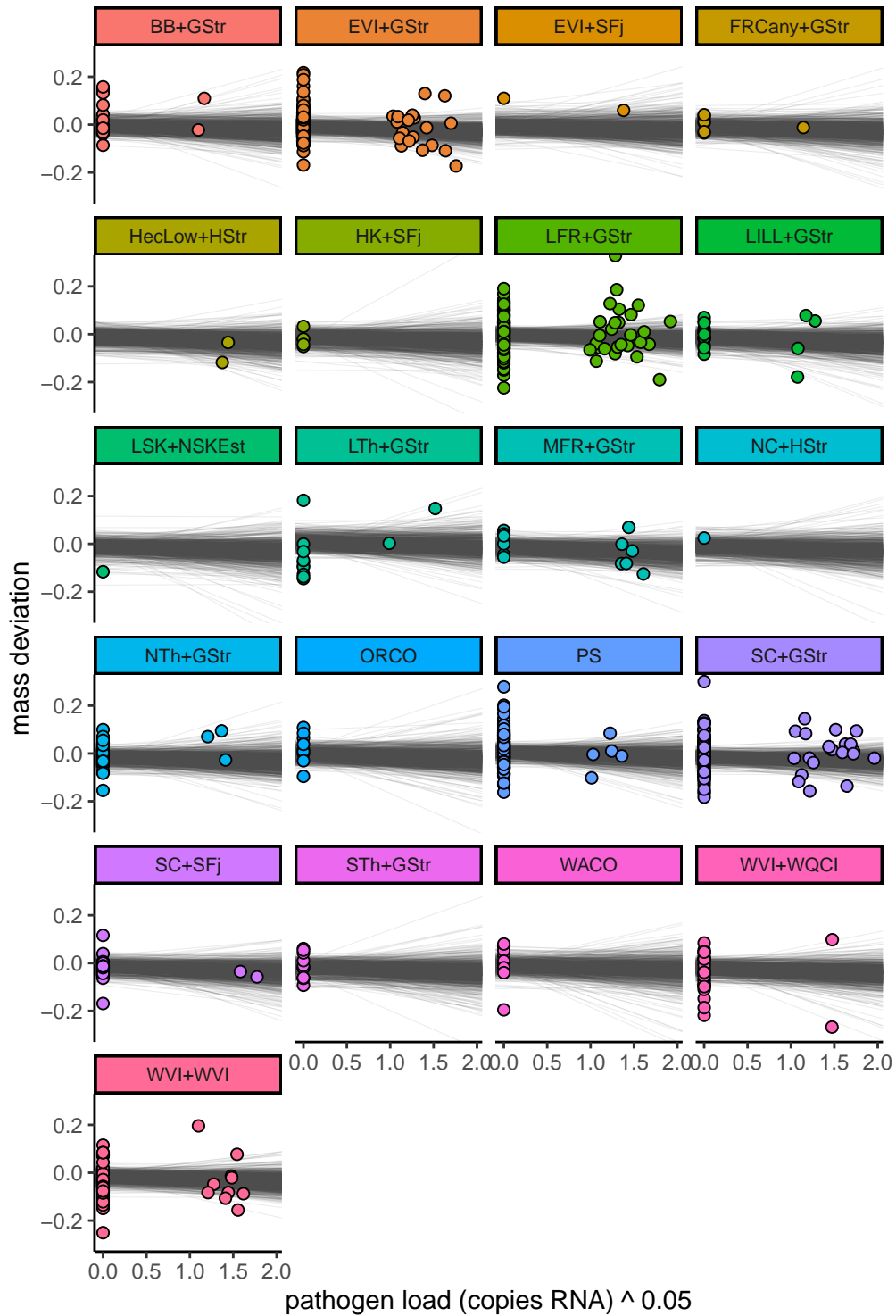
Loma salmonae FaWi



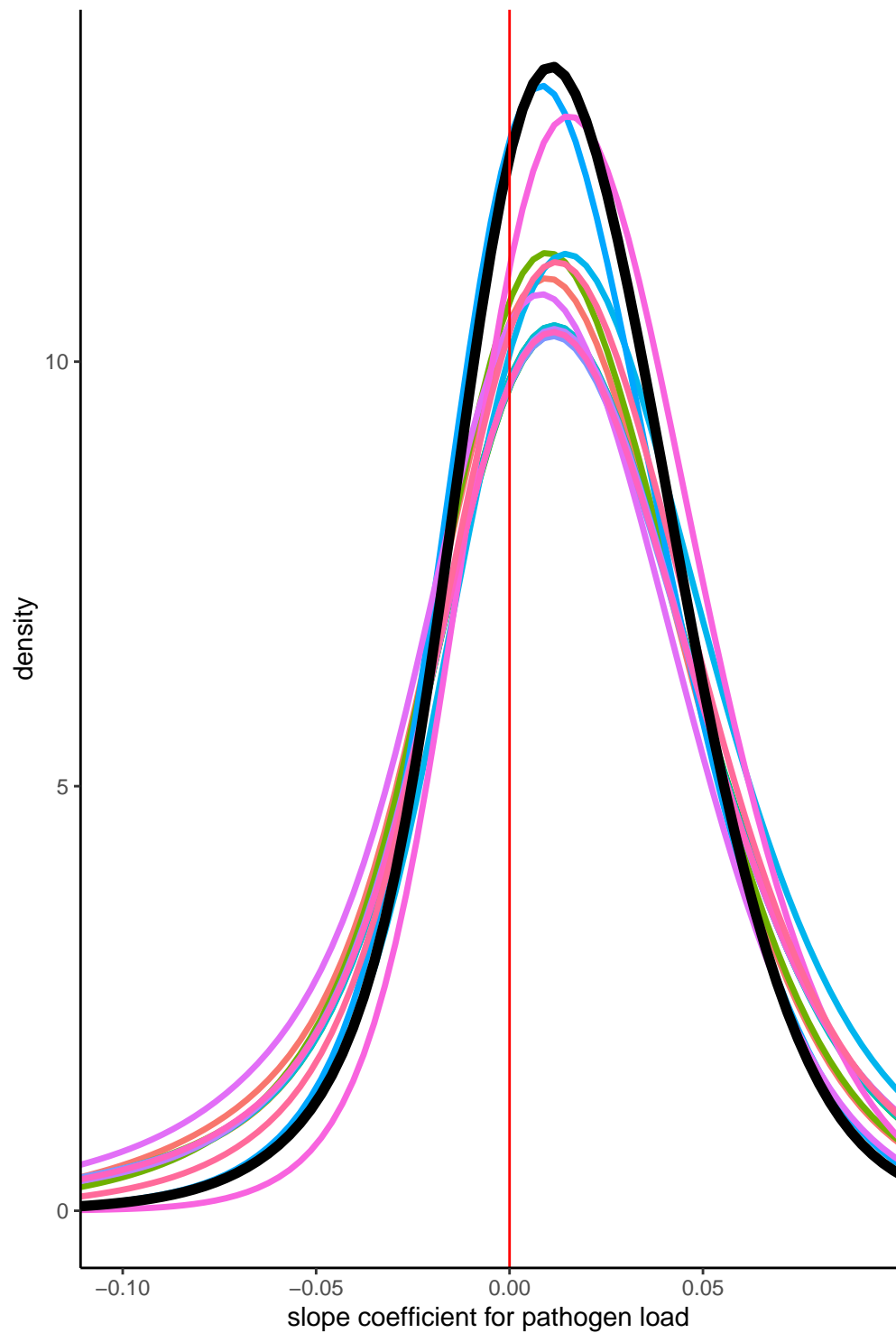
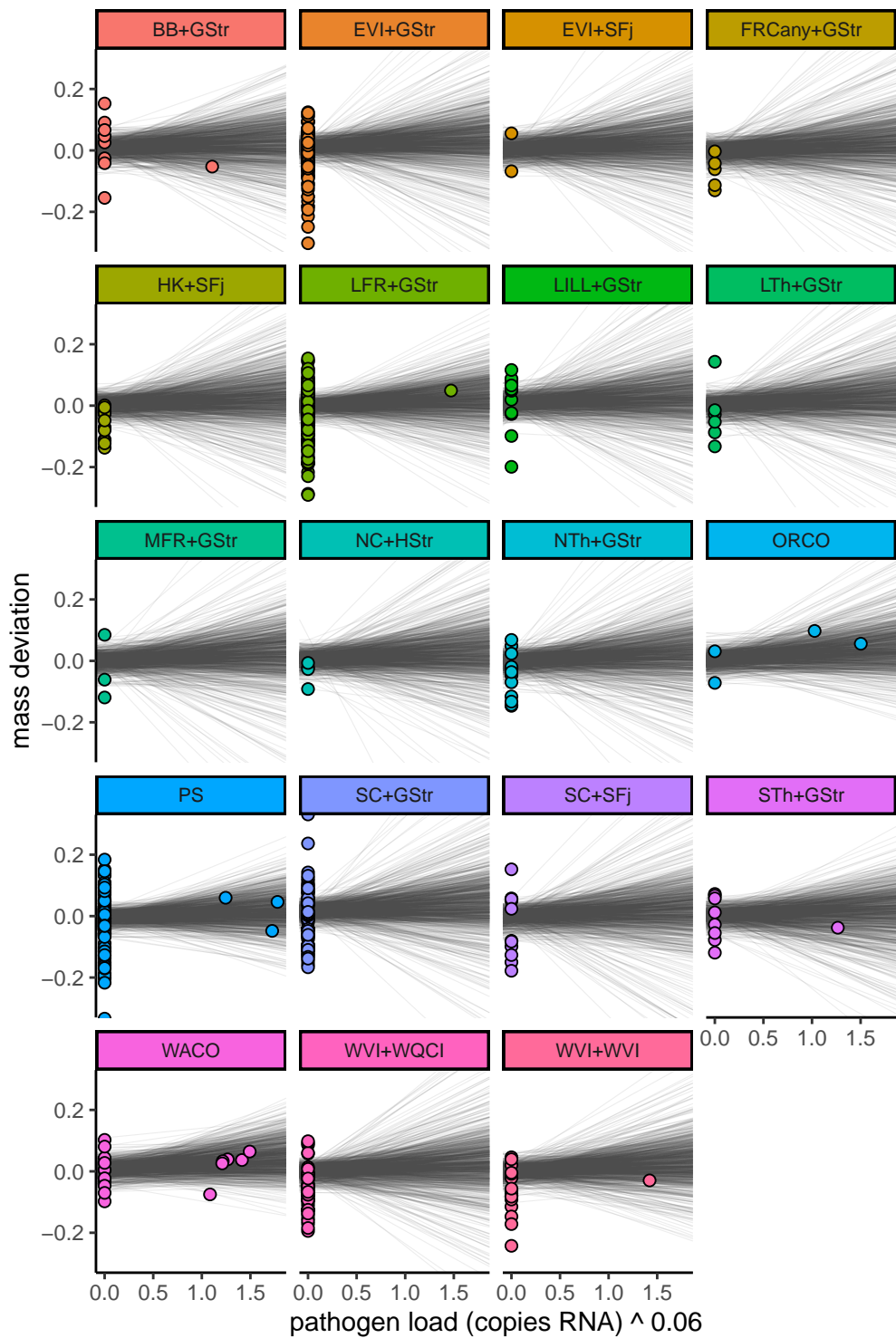
Myxobolus arcticus SpSu



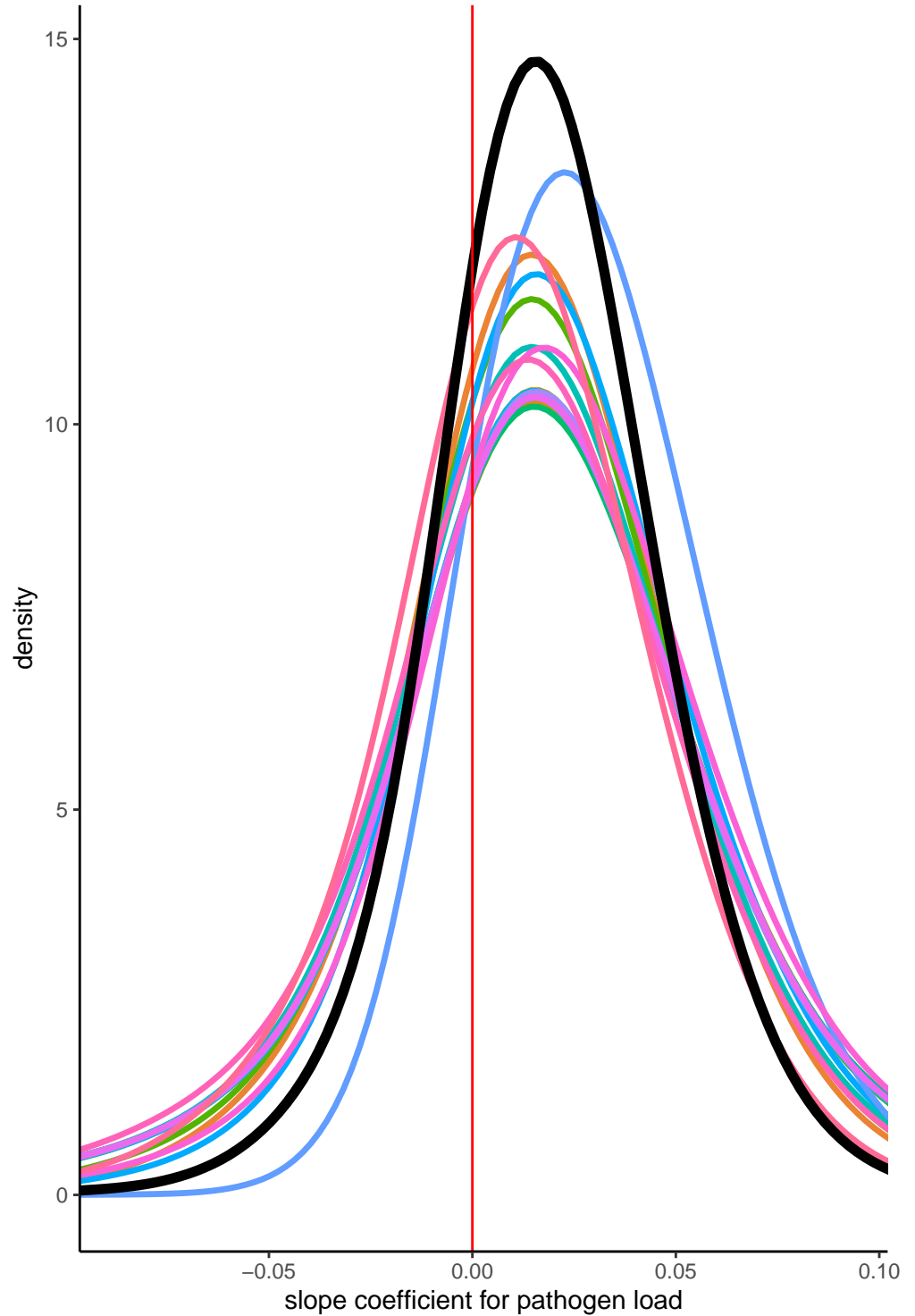
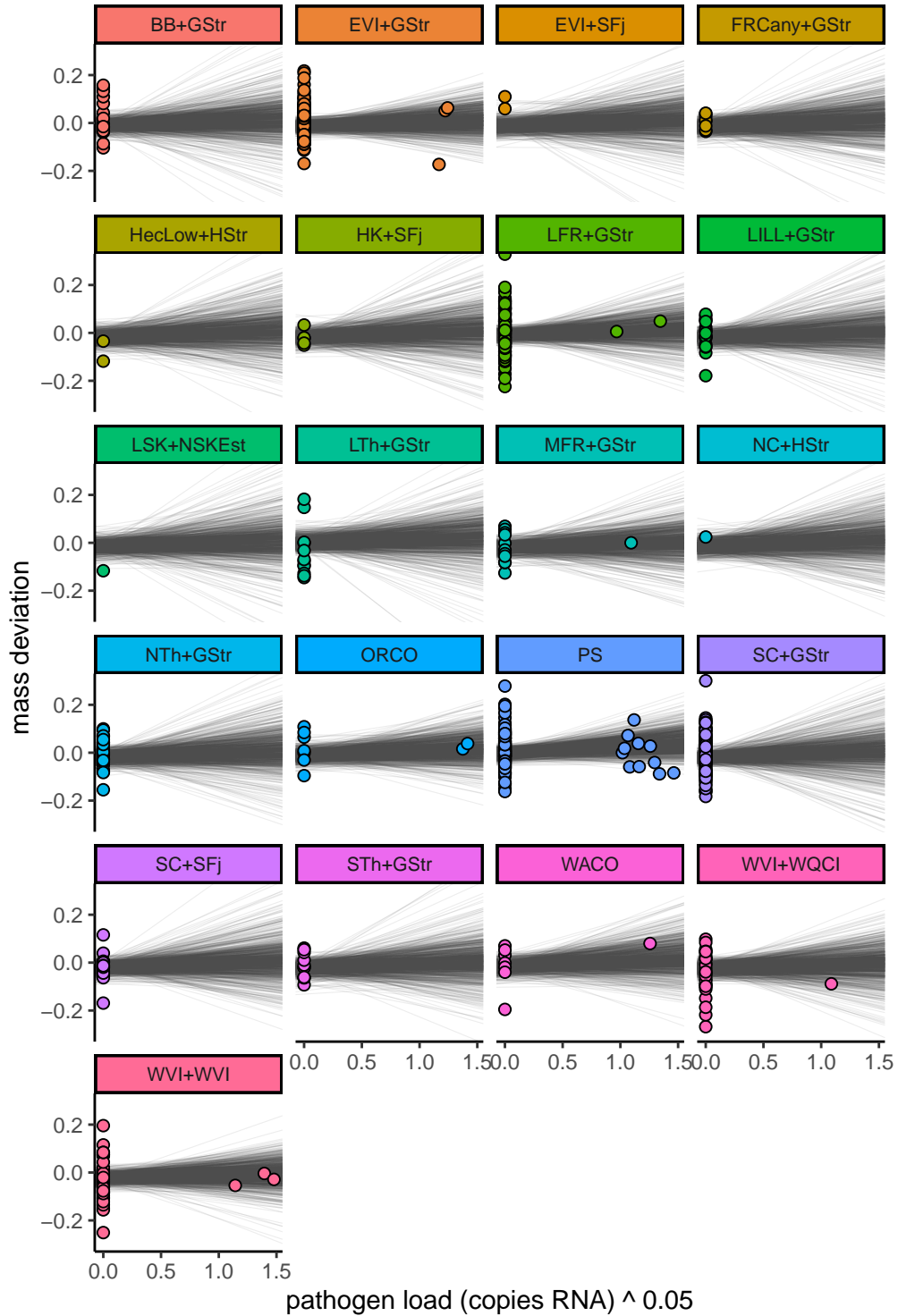
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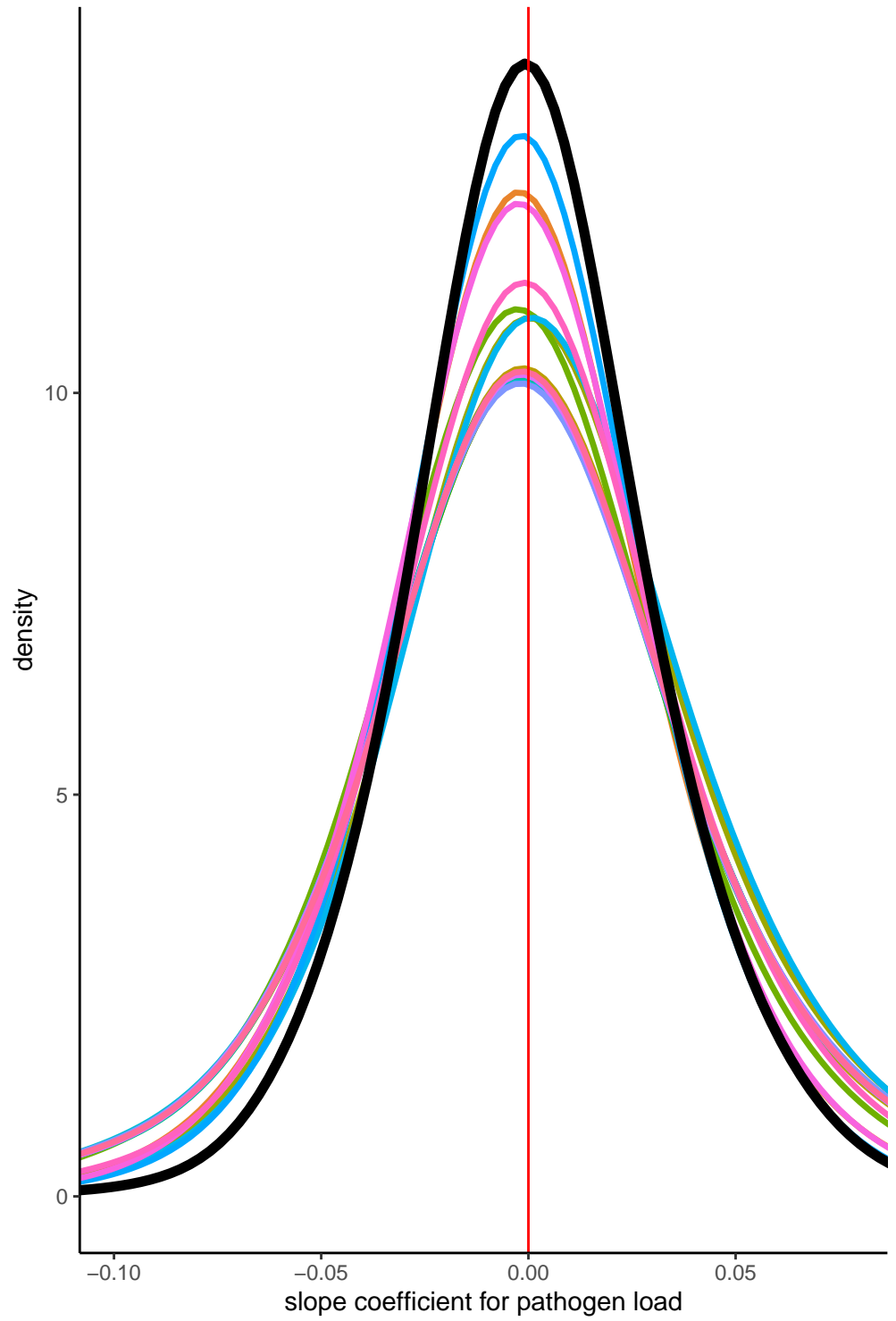
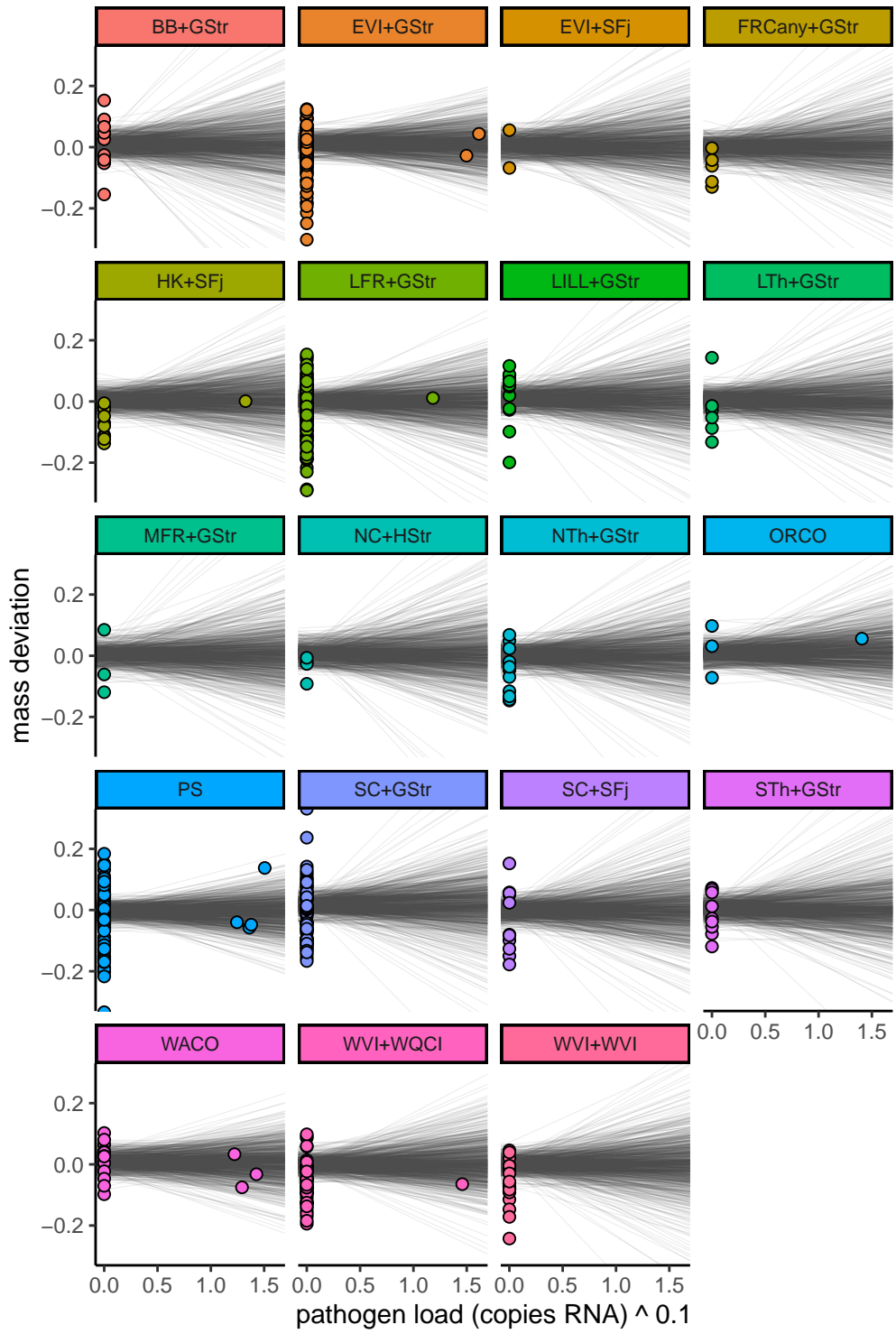
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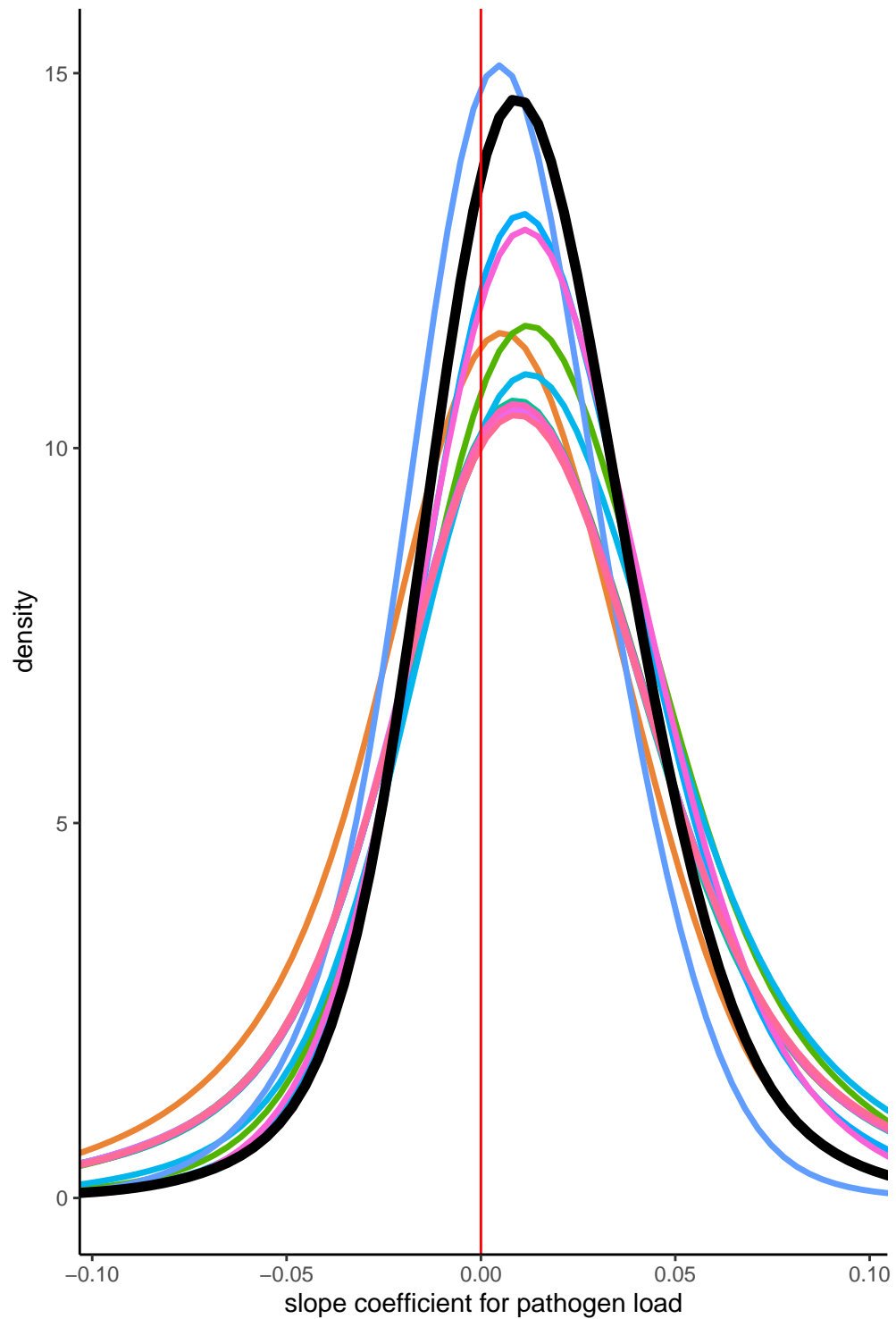
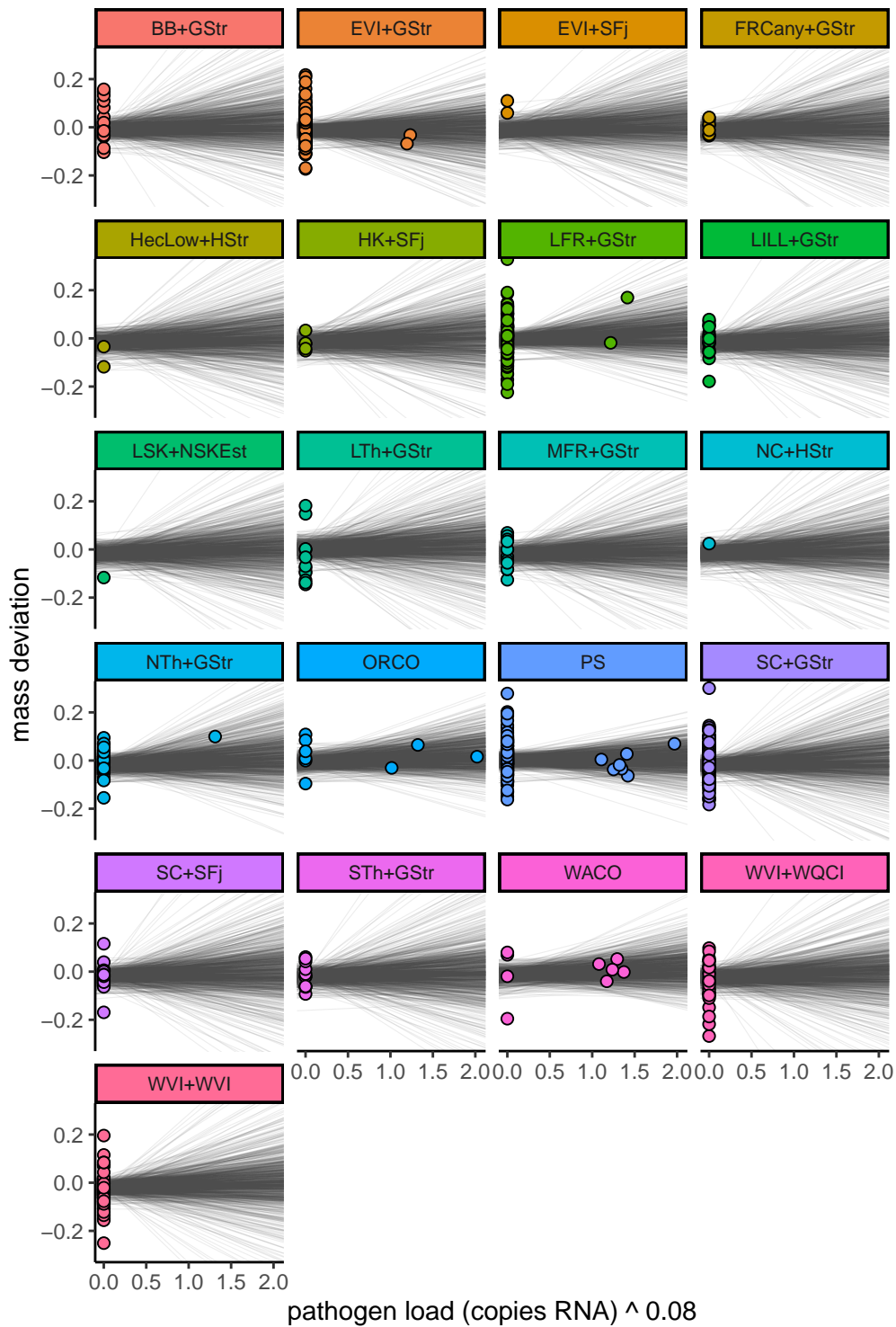
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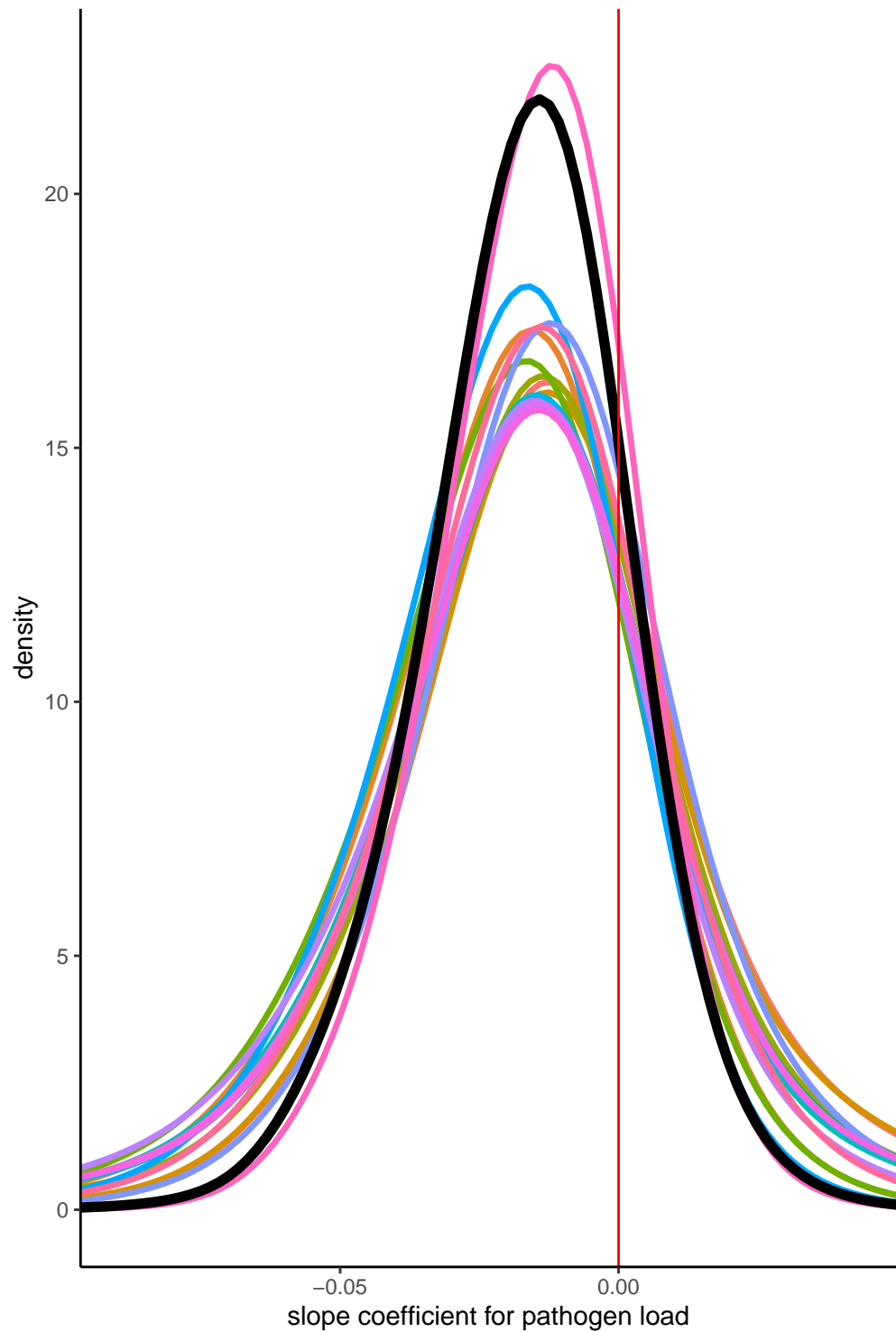
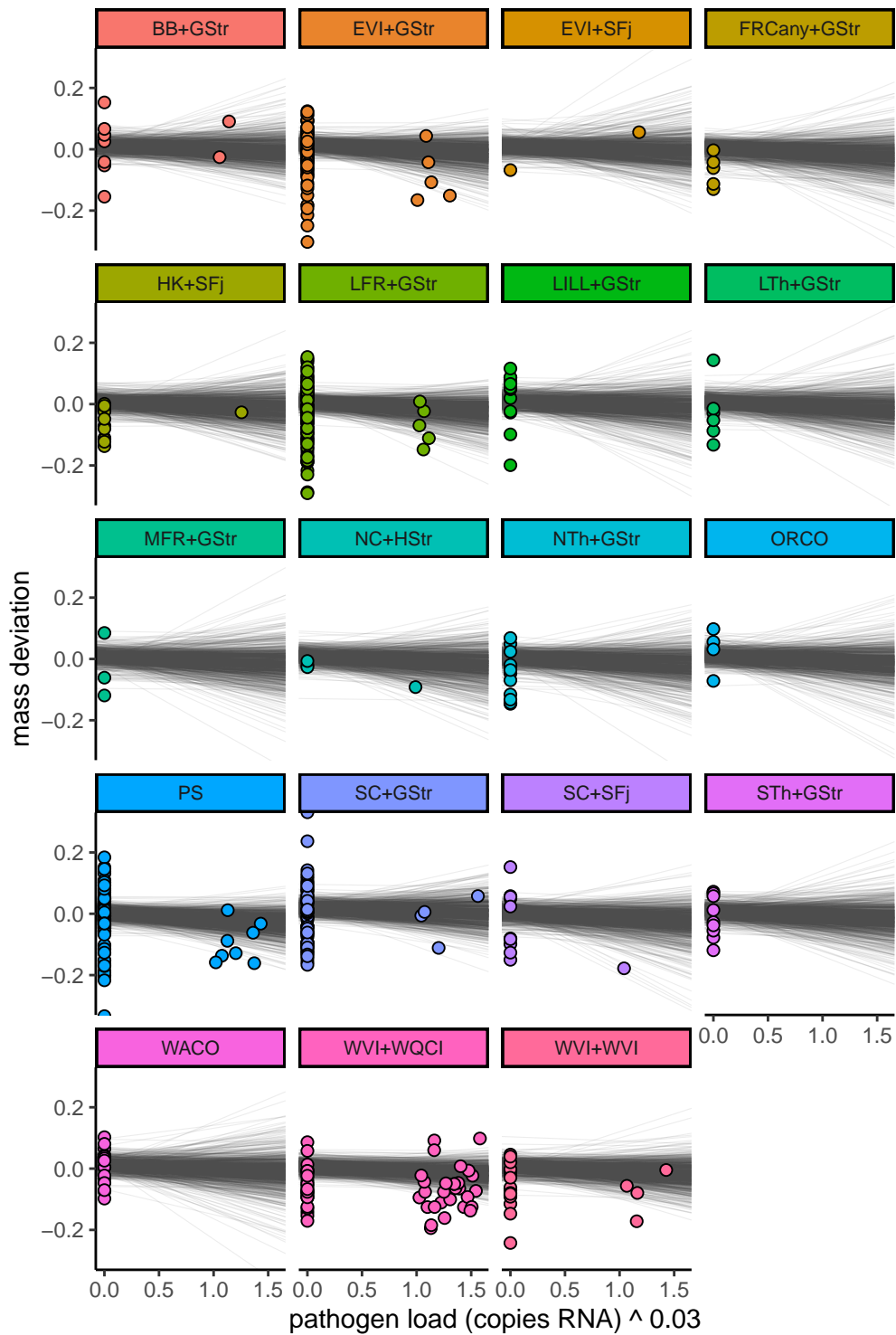
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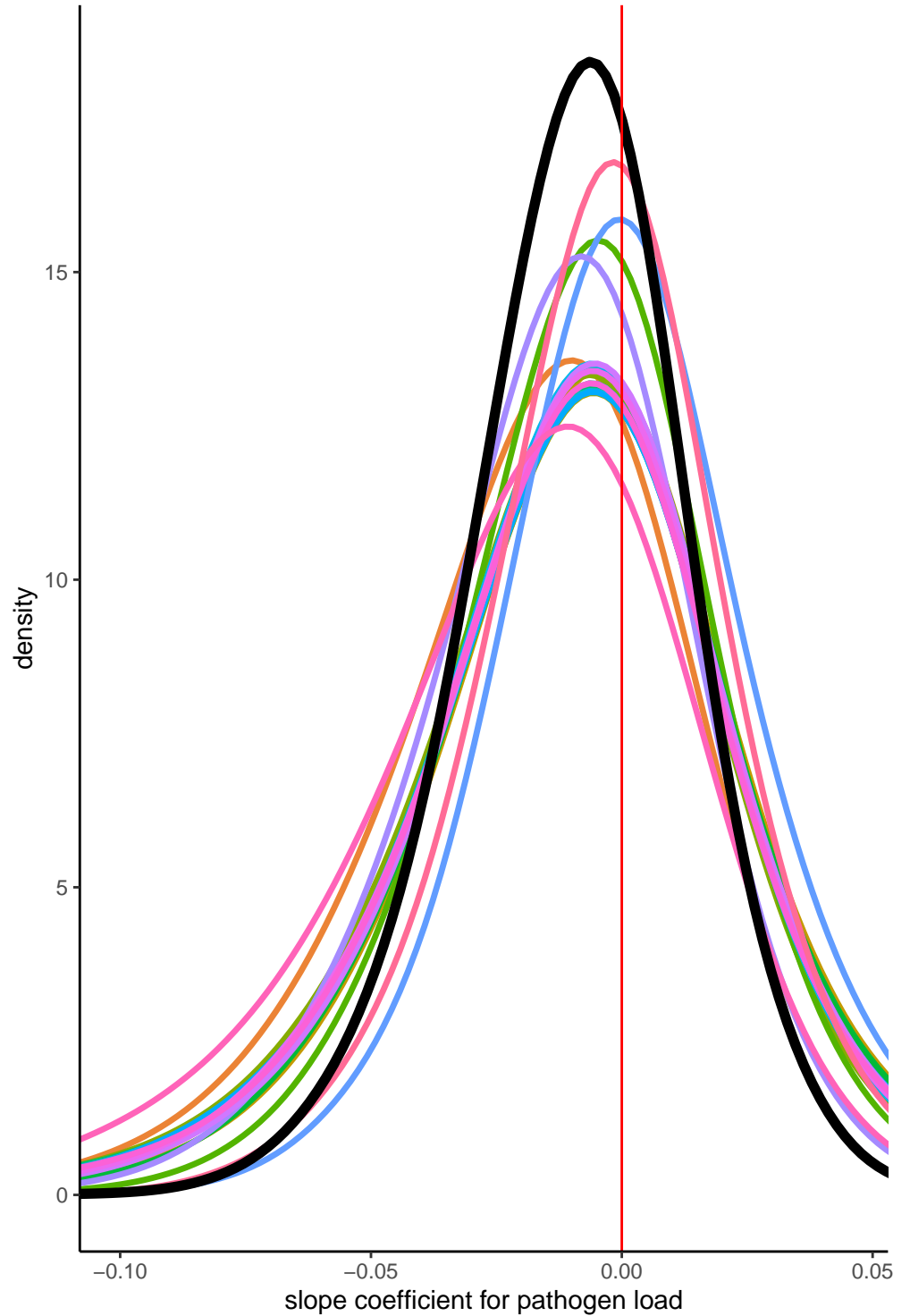
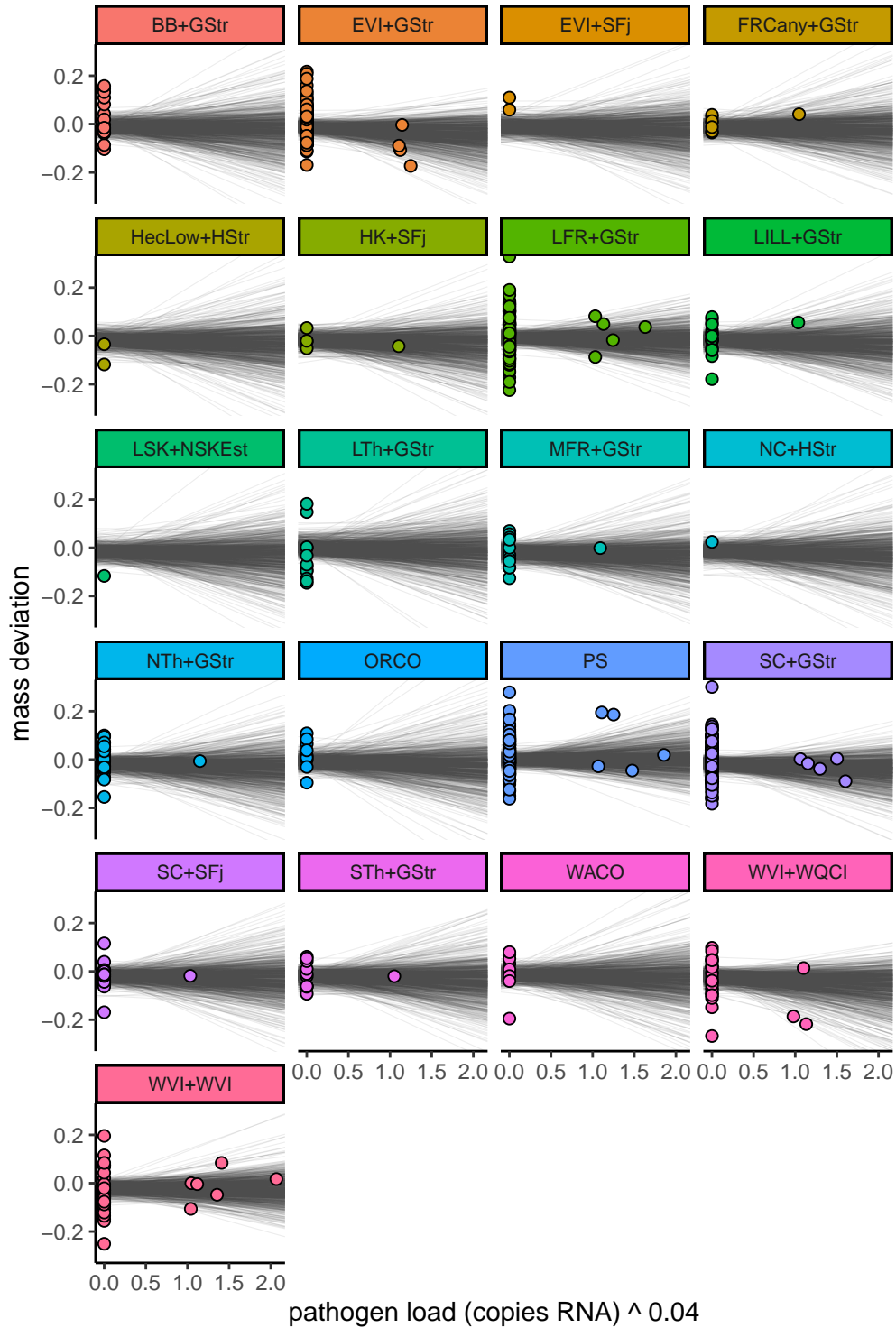
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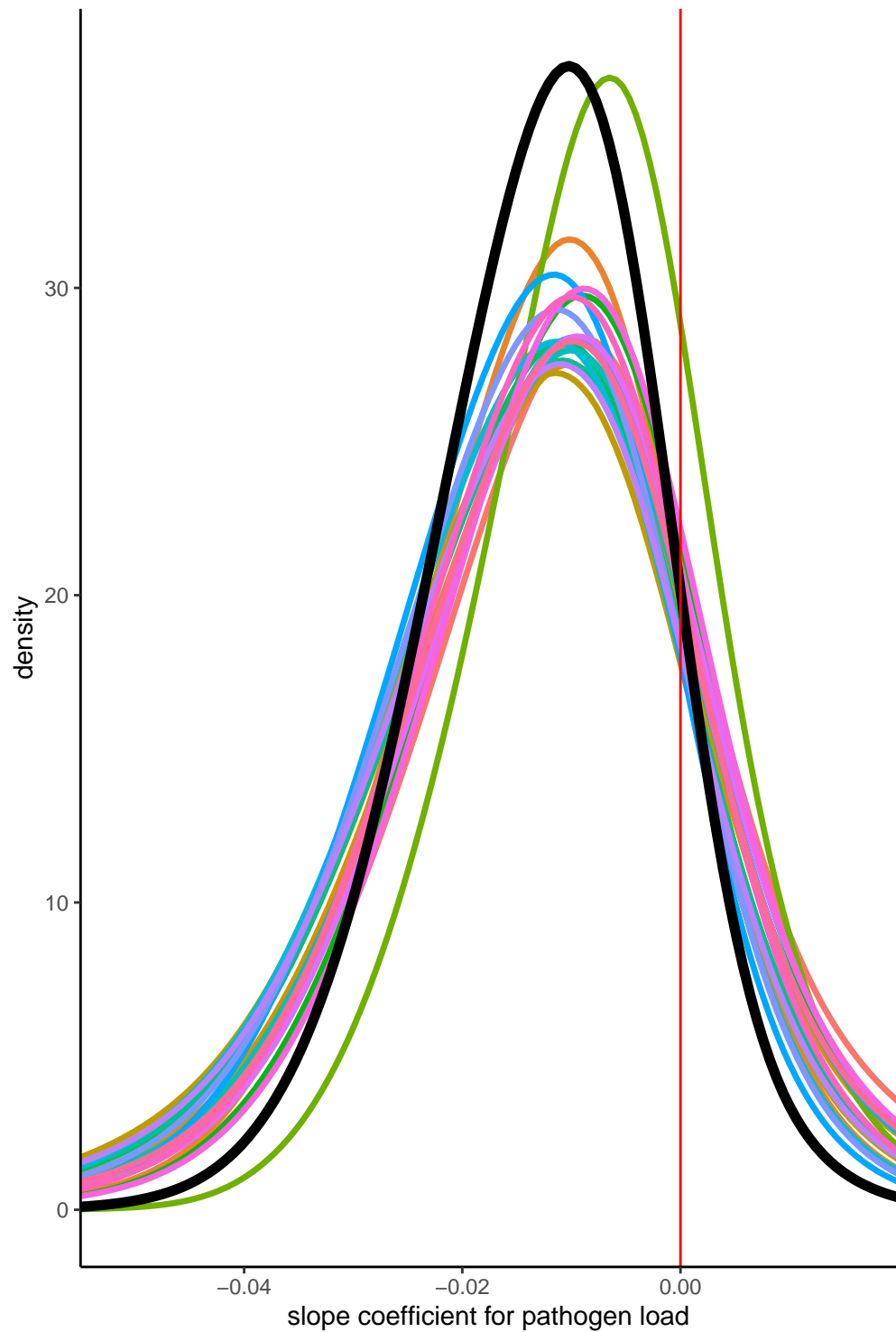
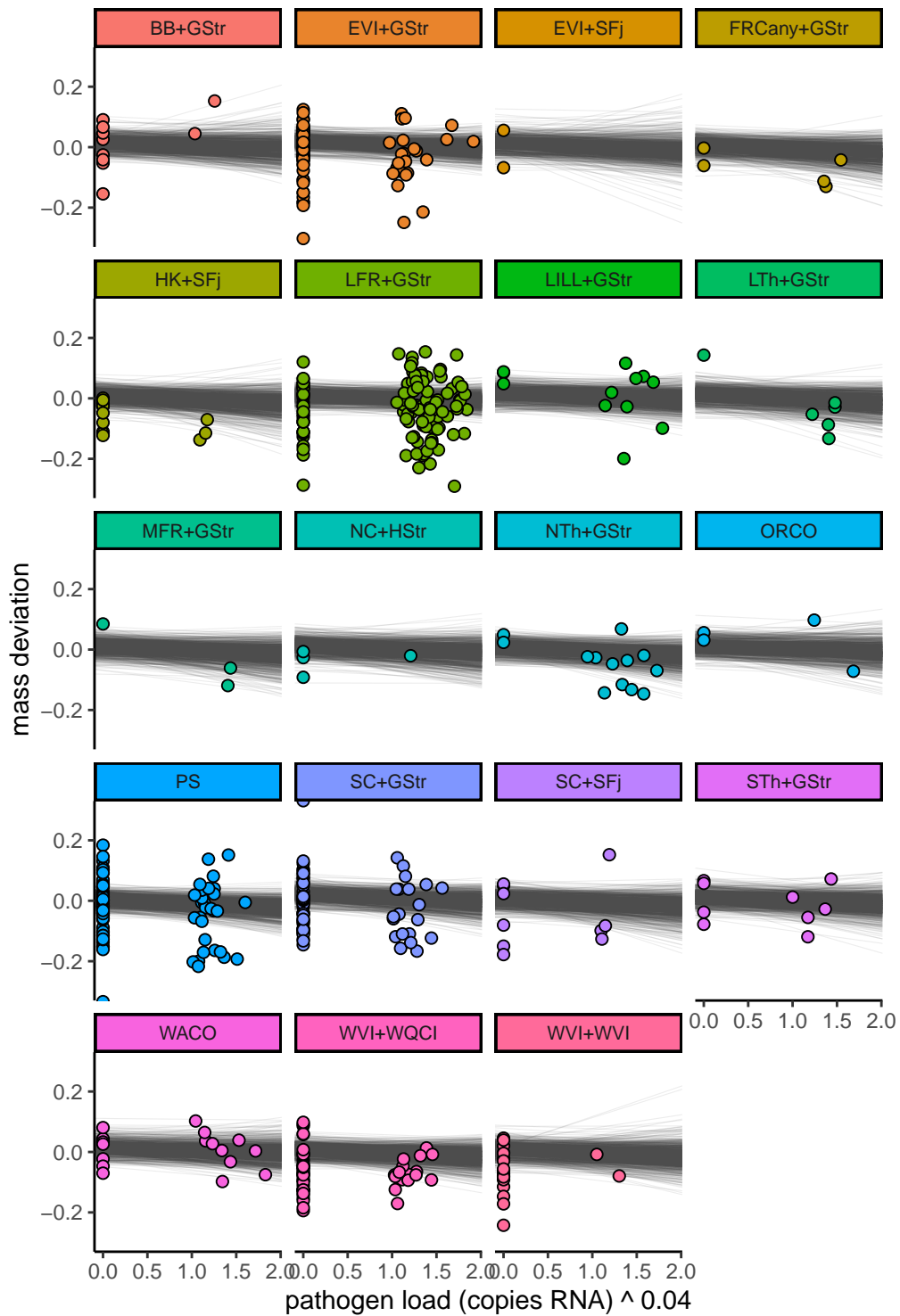
Parvicapsula kabatai SpSu



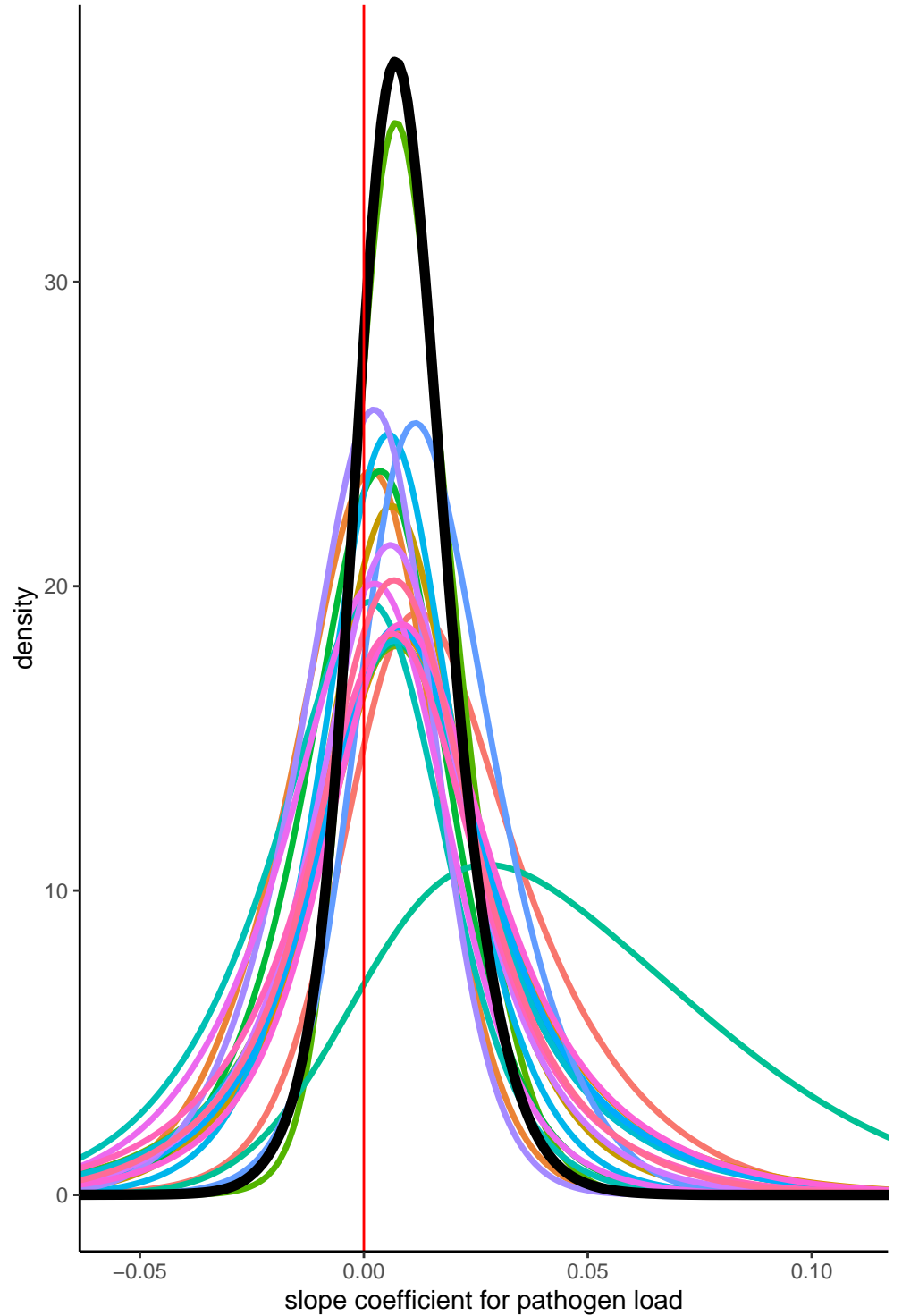
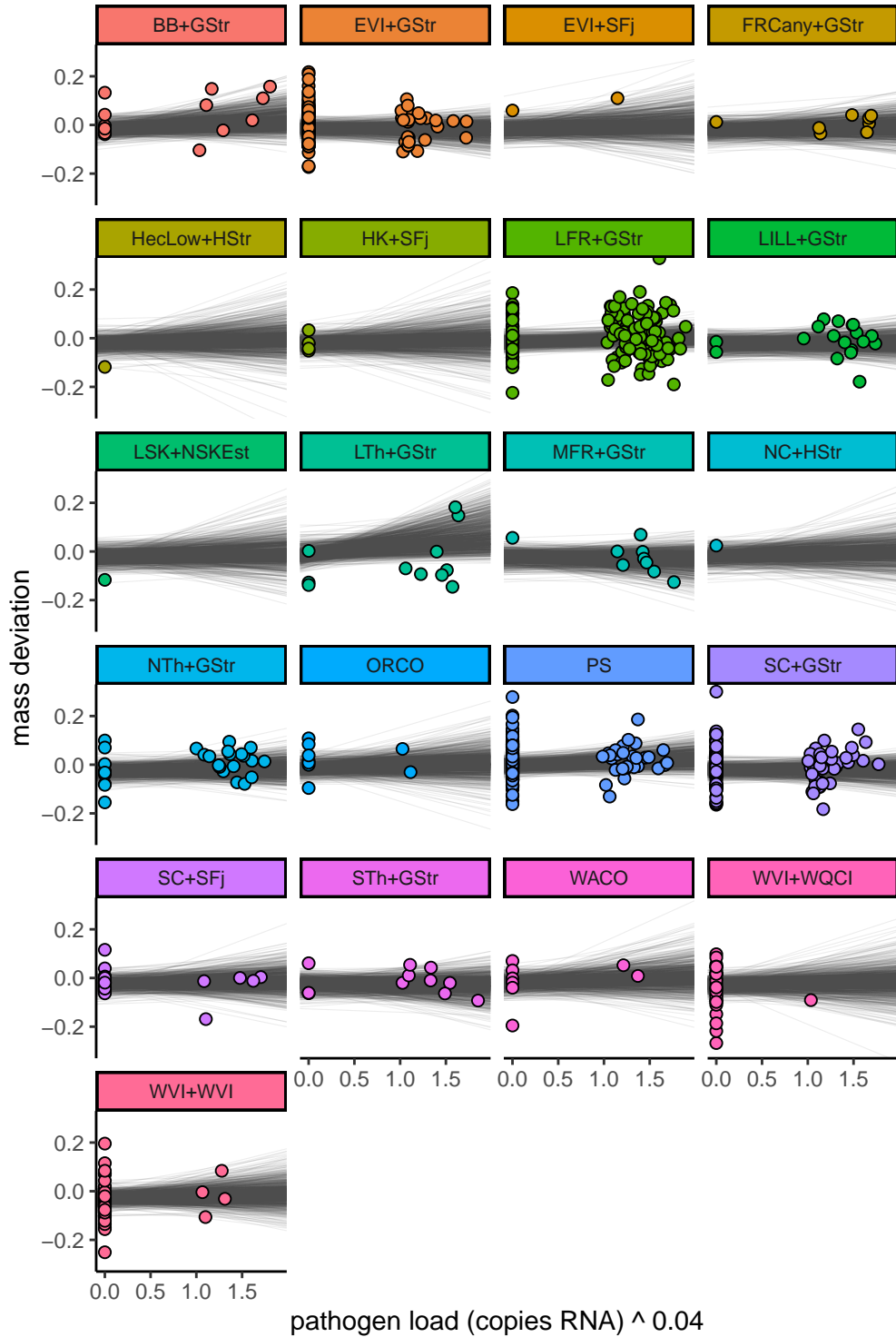
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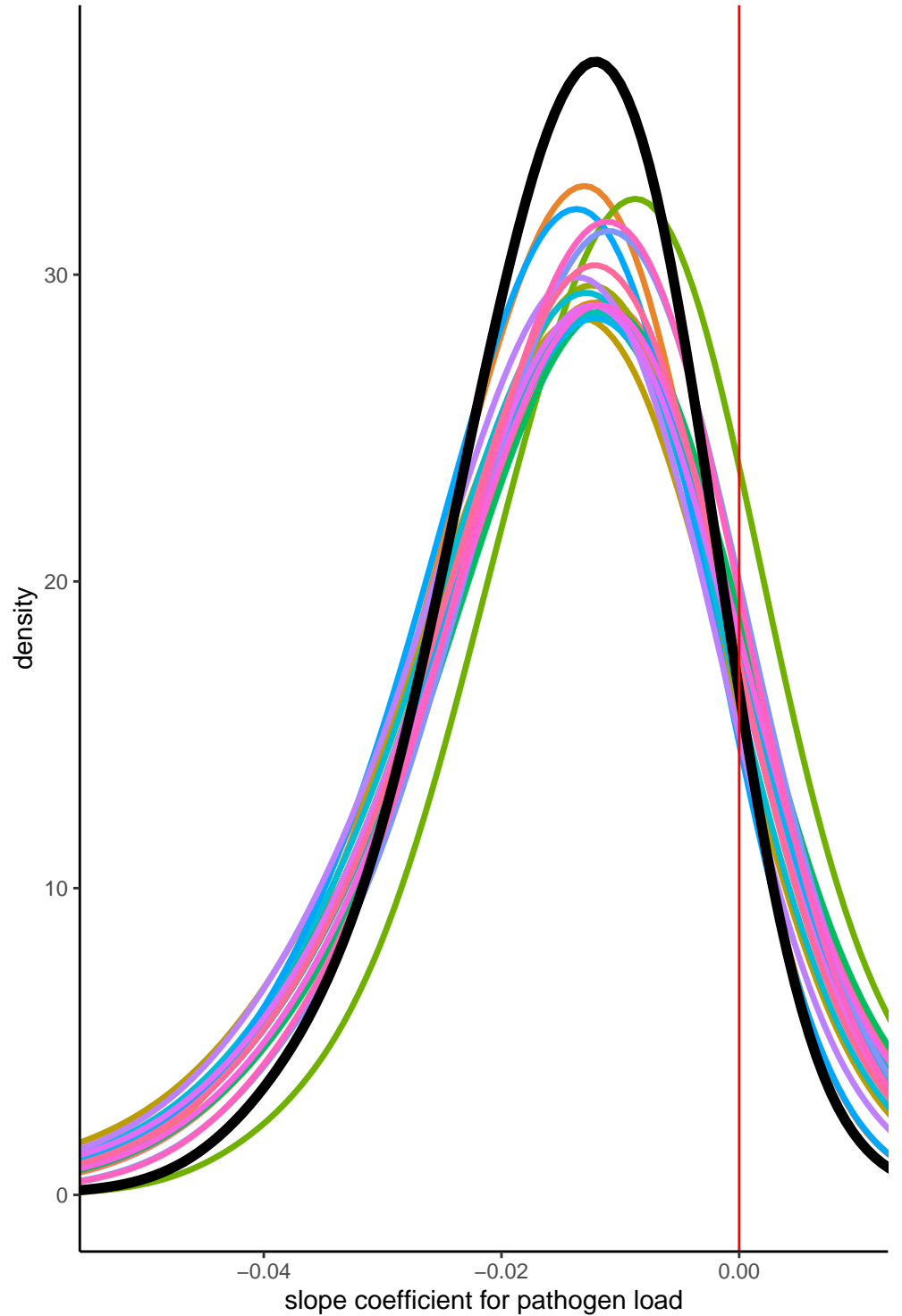
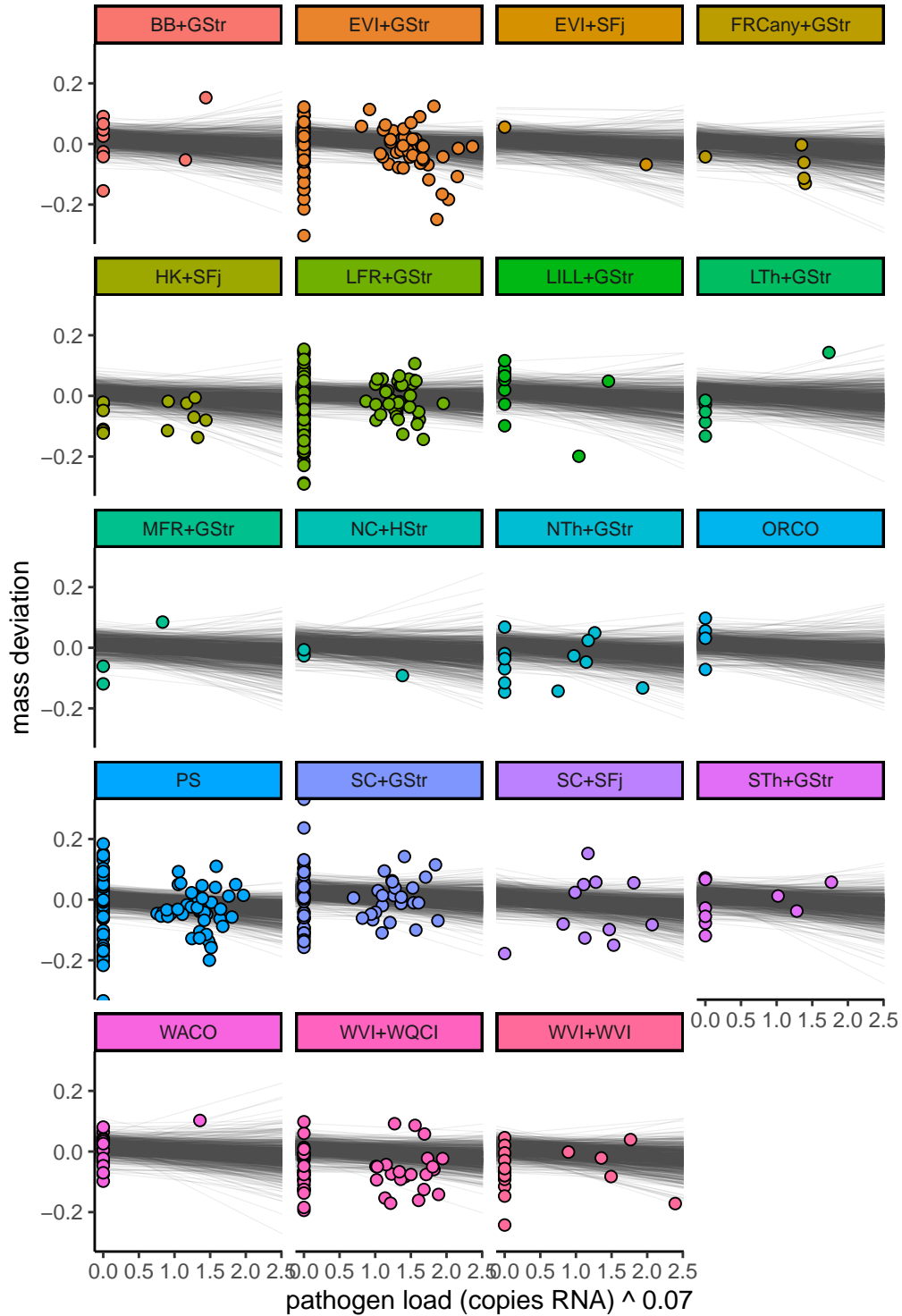
Parvicapsula minibicornis SpSu



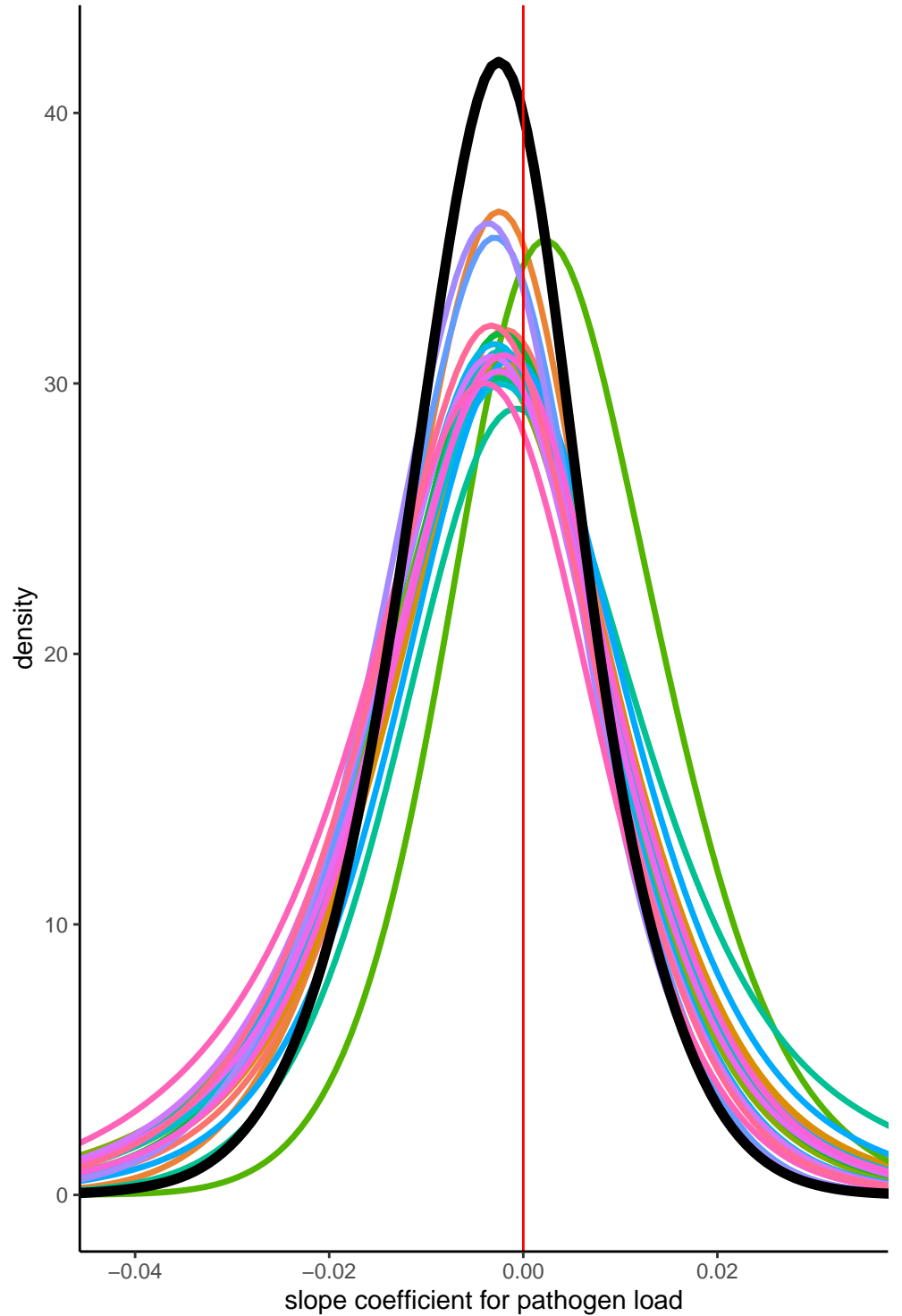
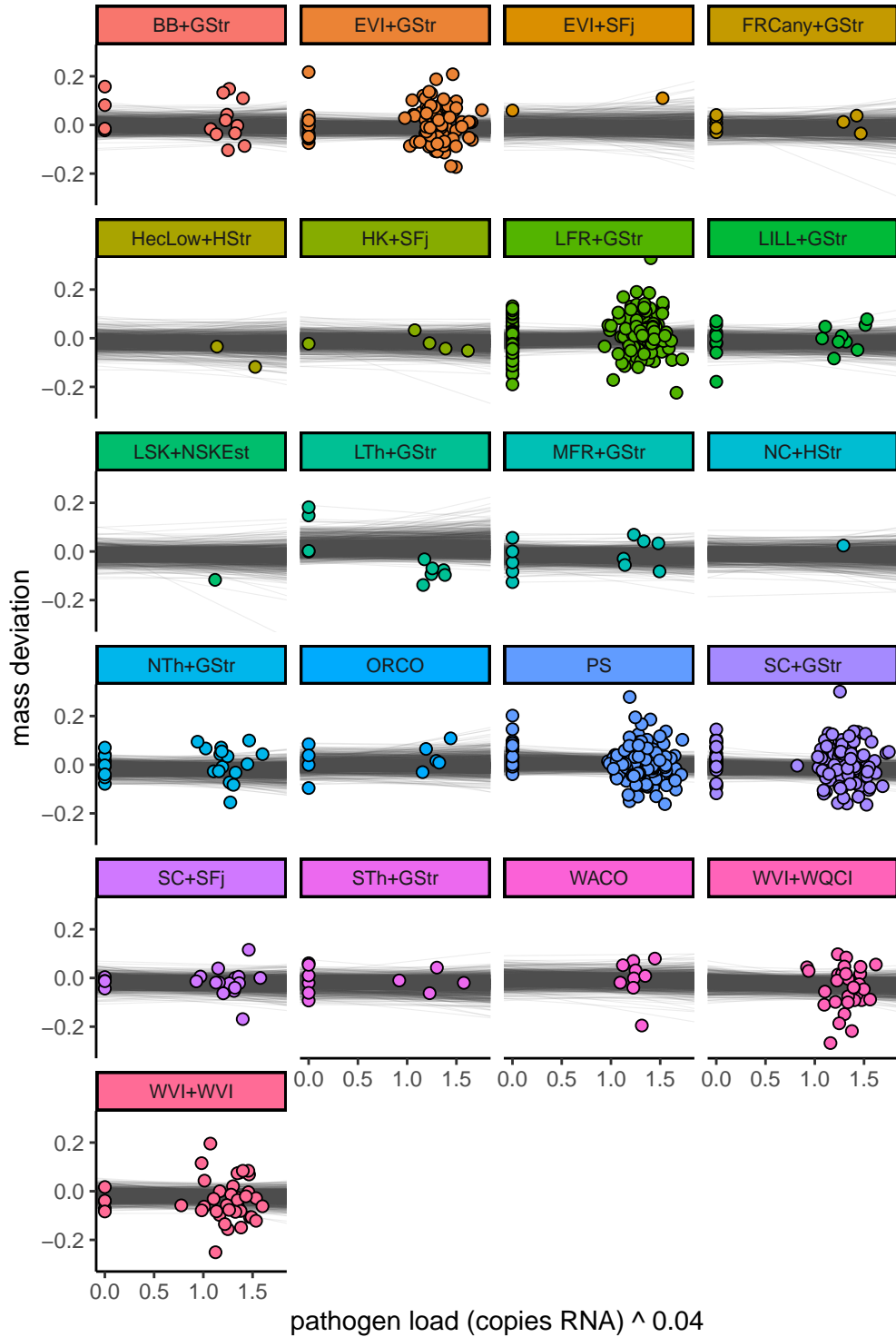
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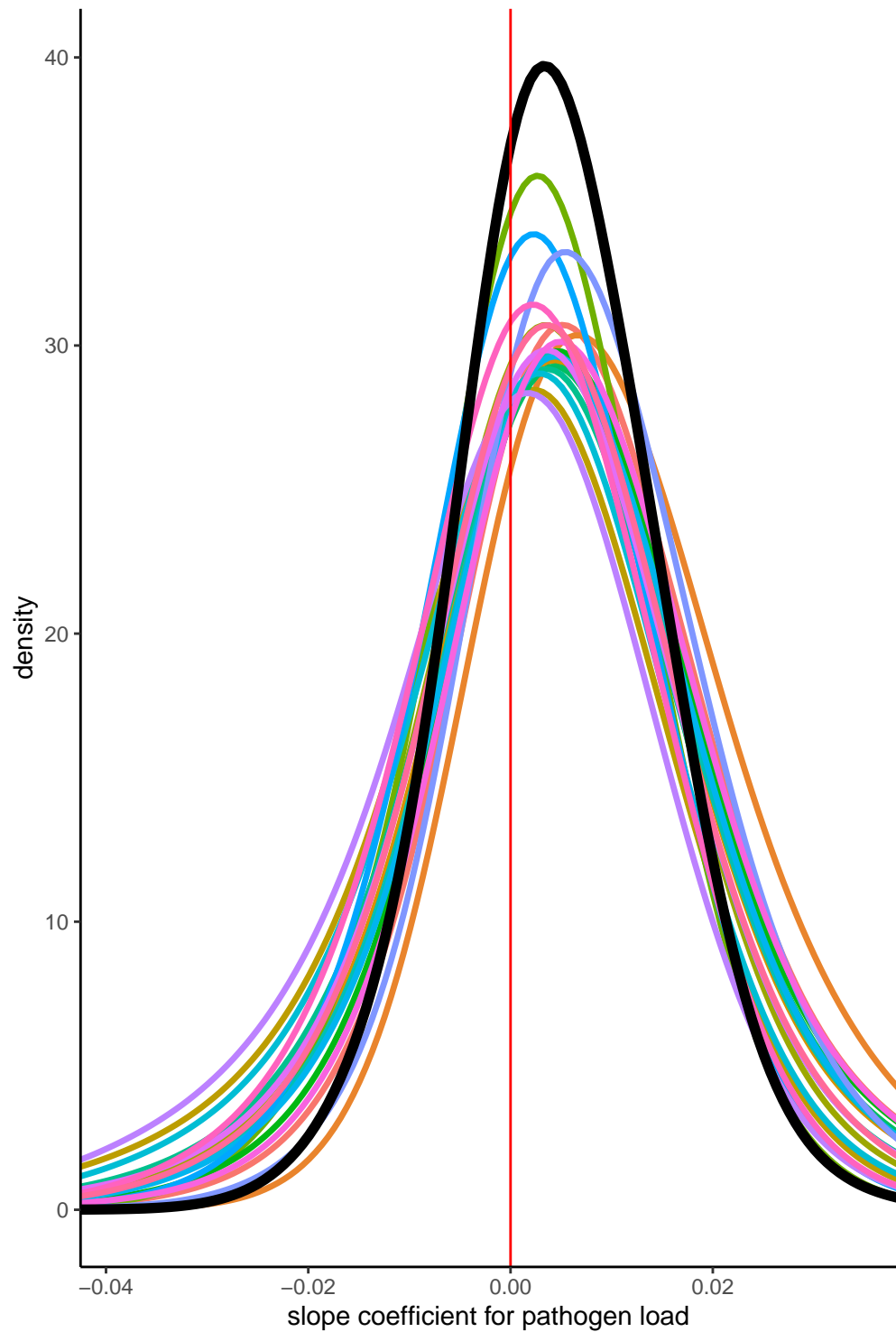
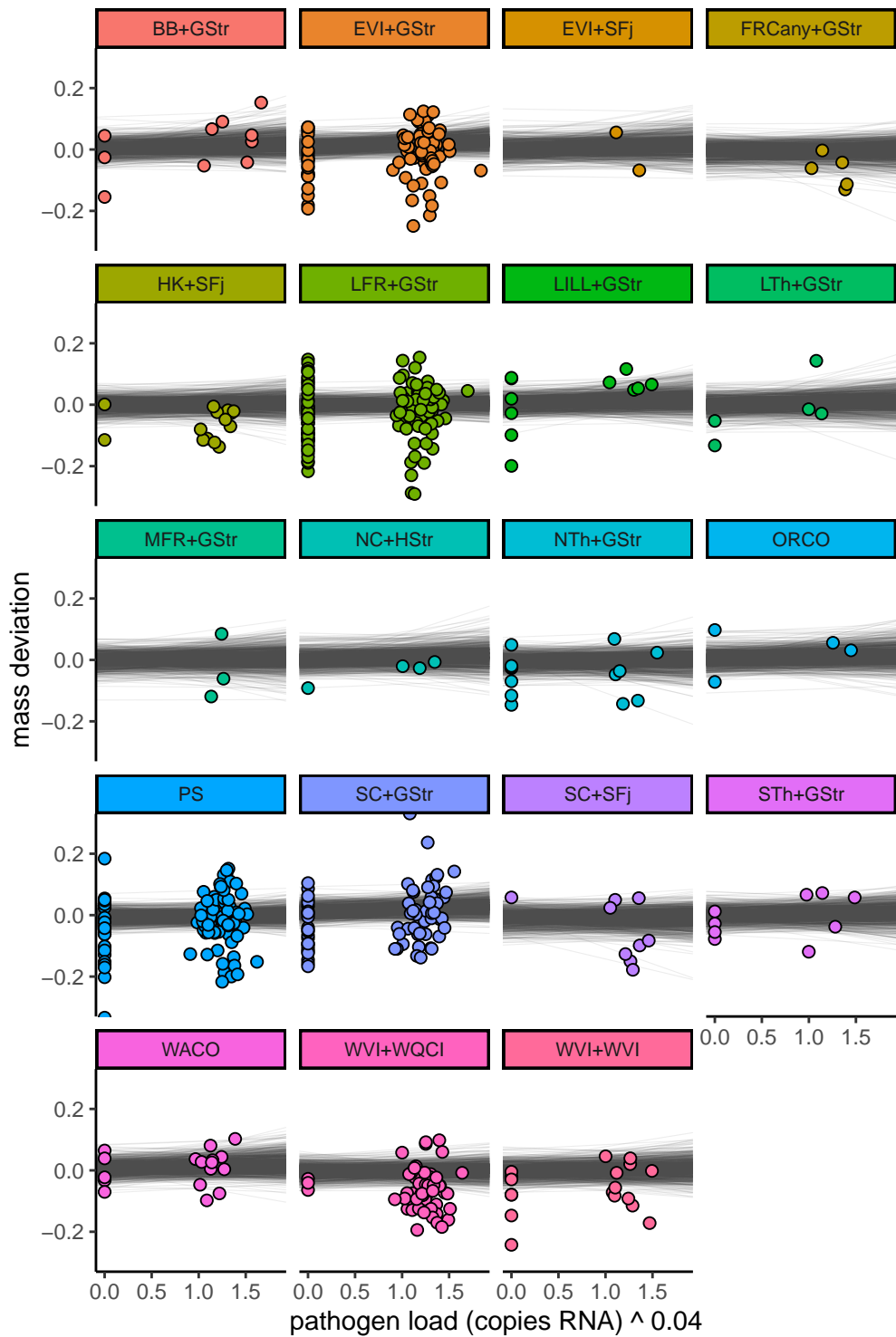
Parvicapsula pseudobranchicola SpSu



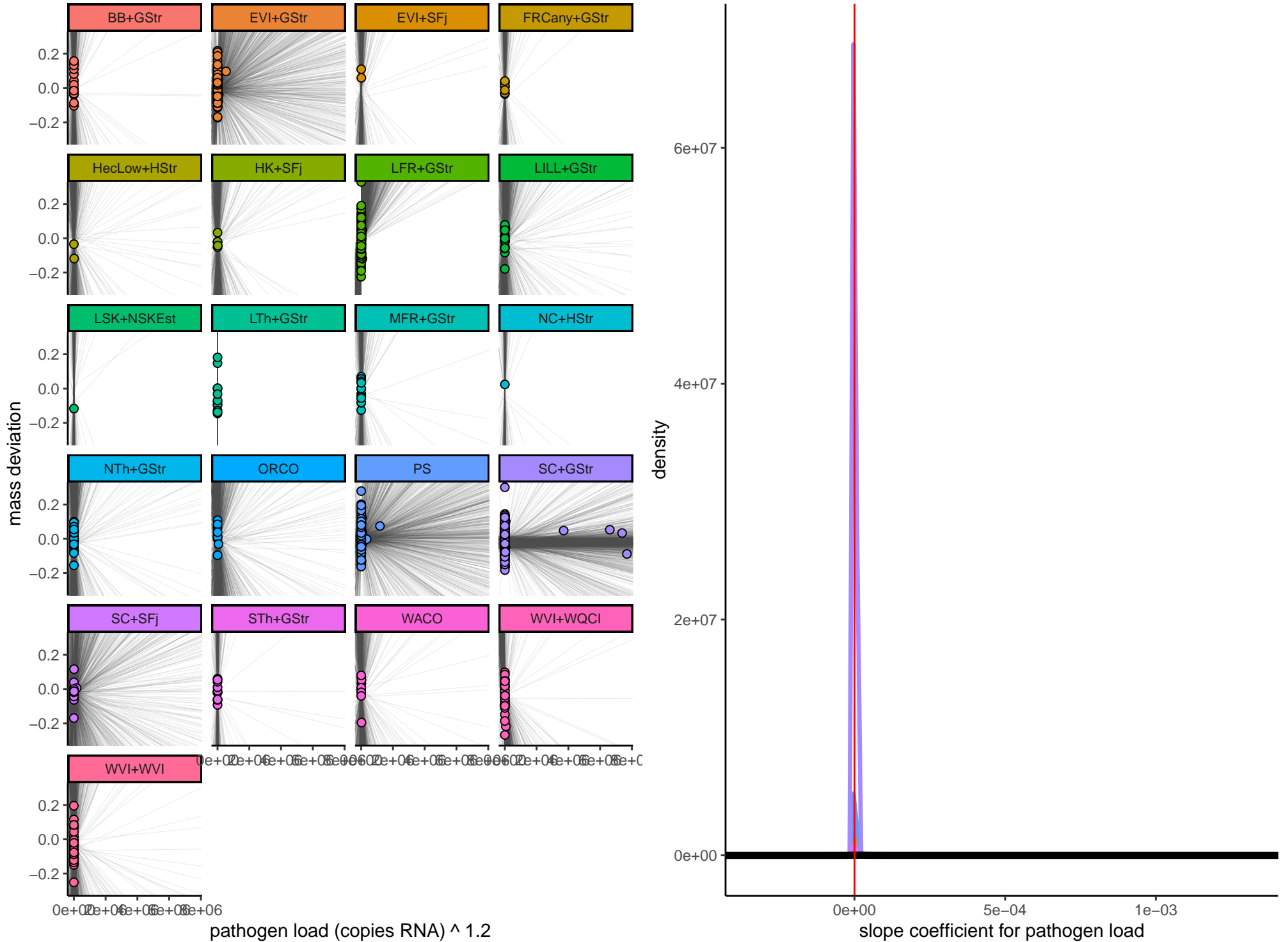
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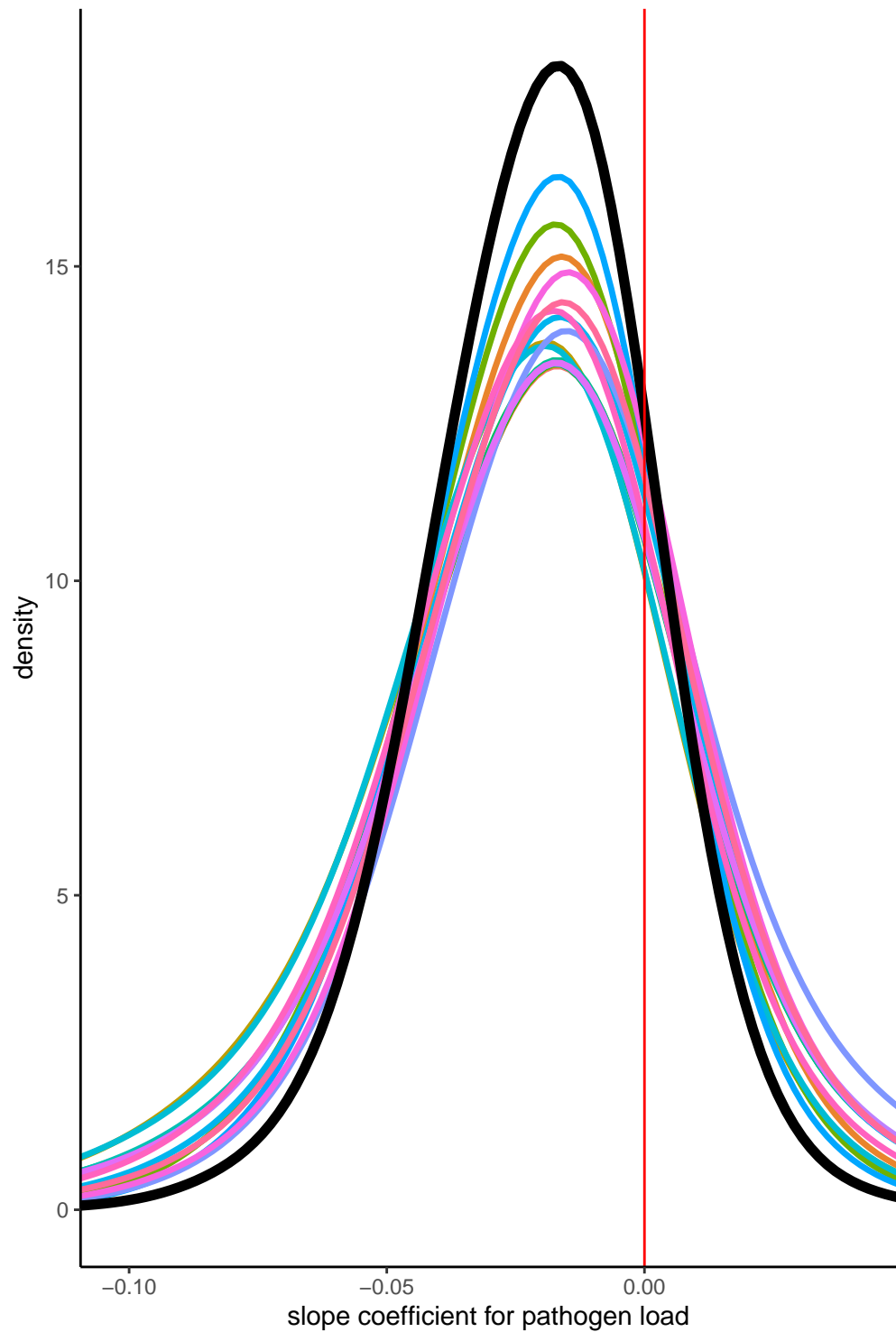
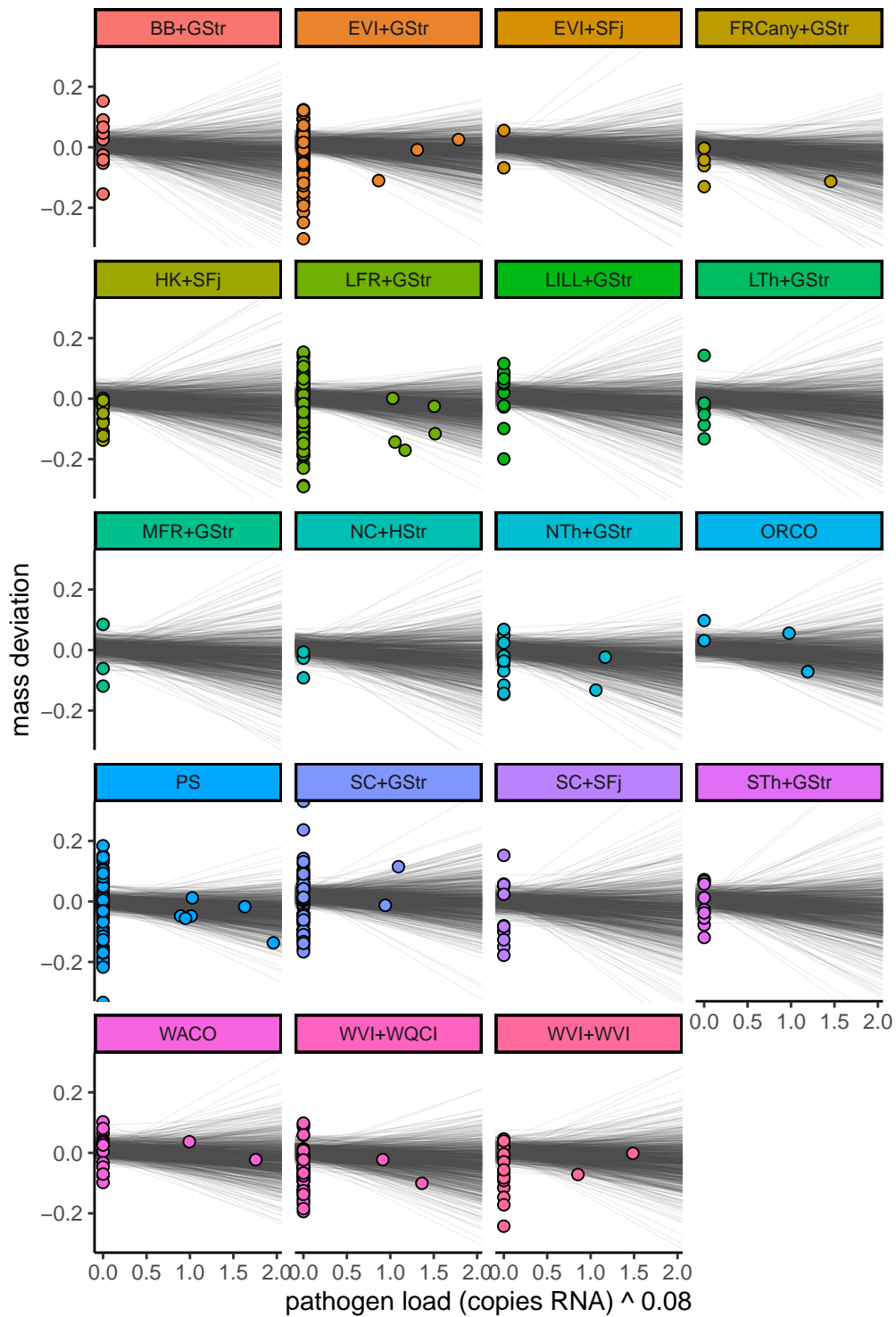
Paranucleospora theridion SpSu



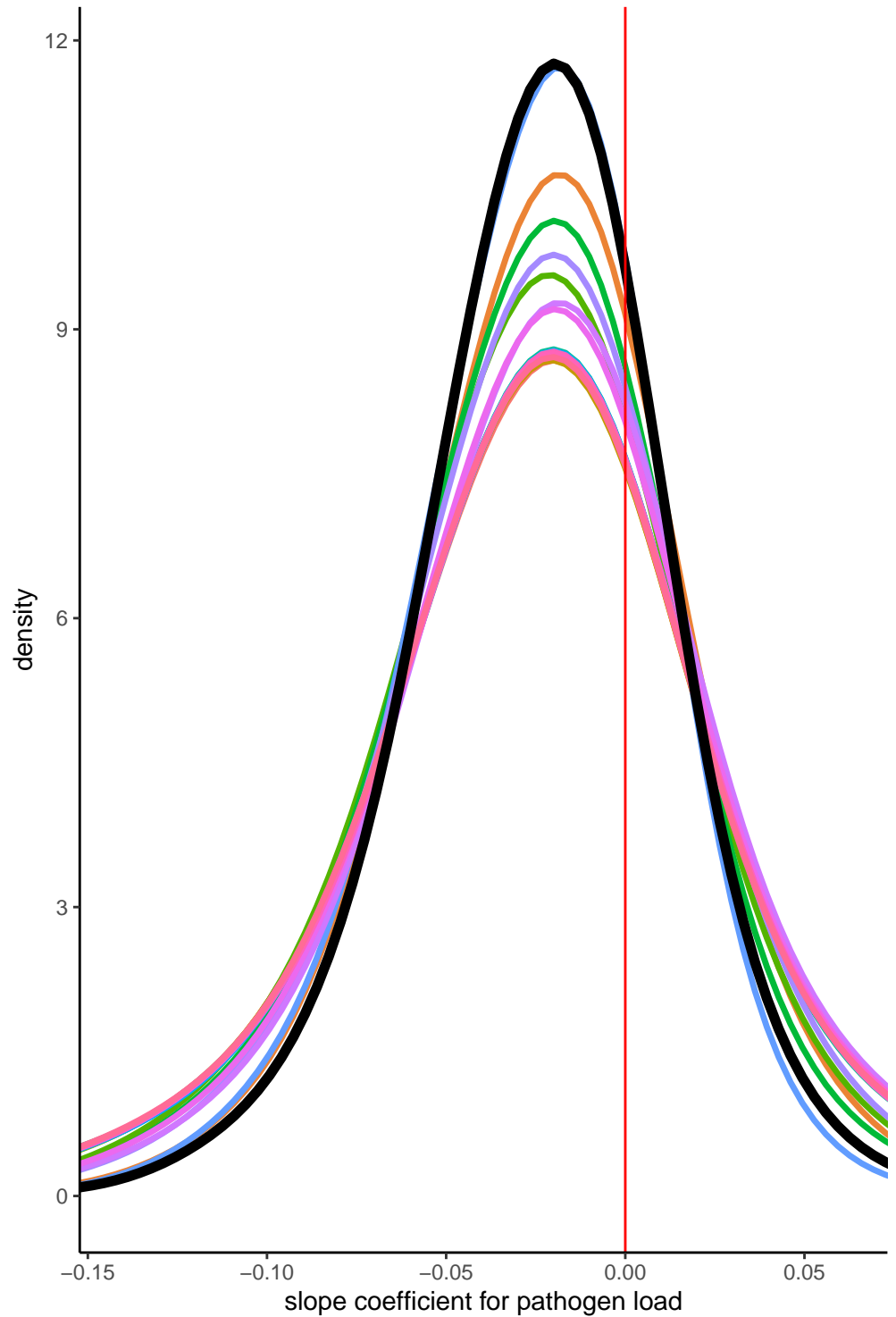
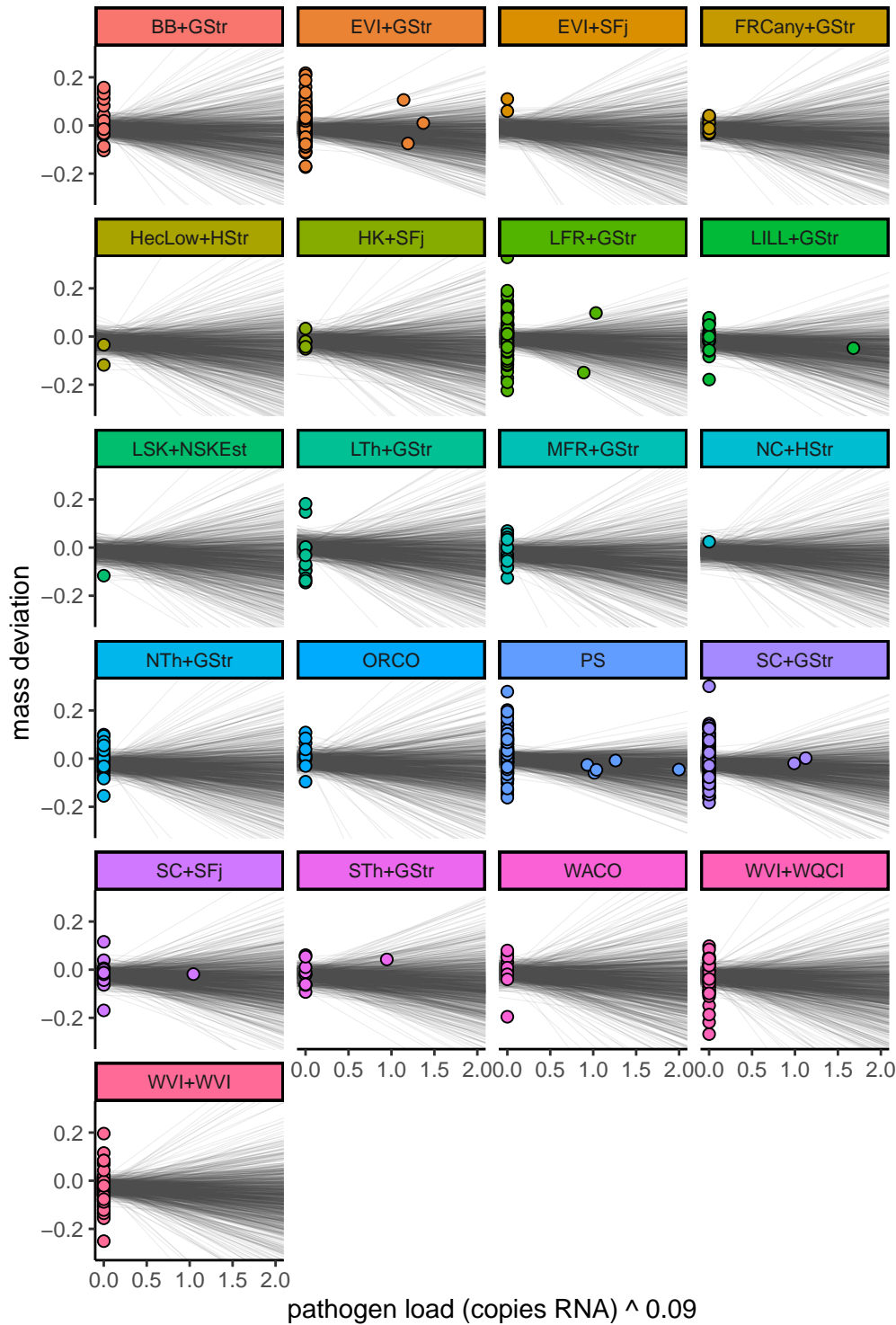
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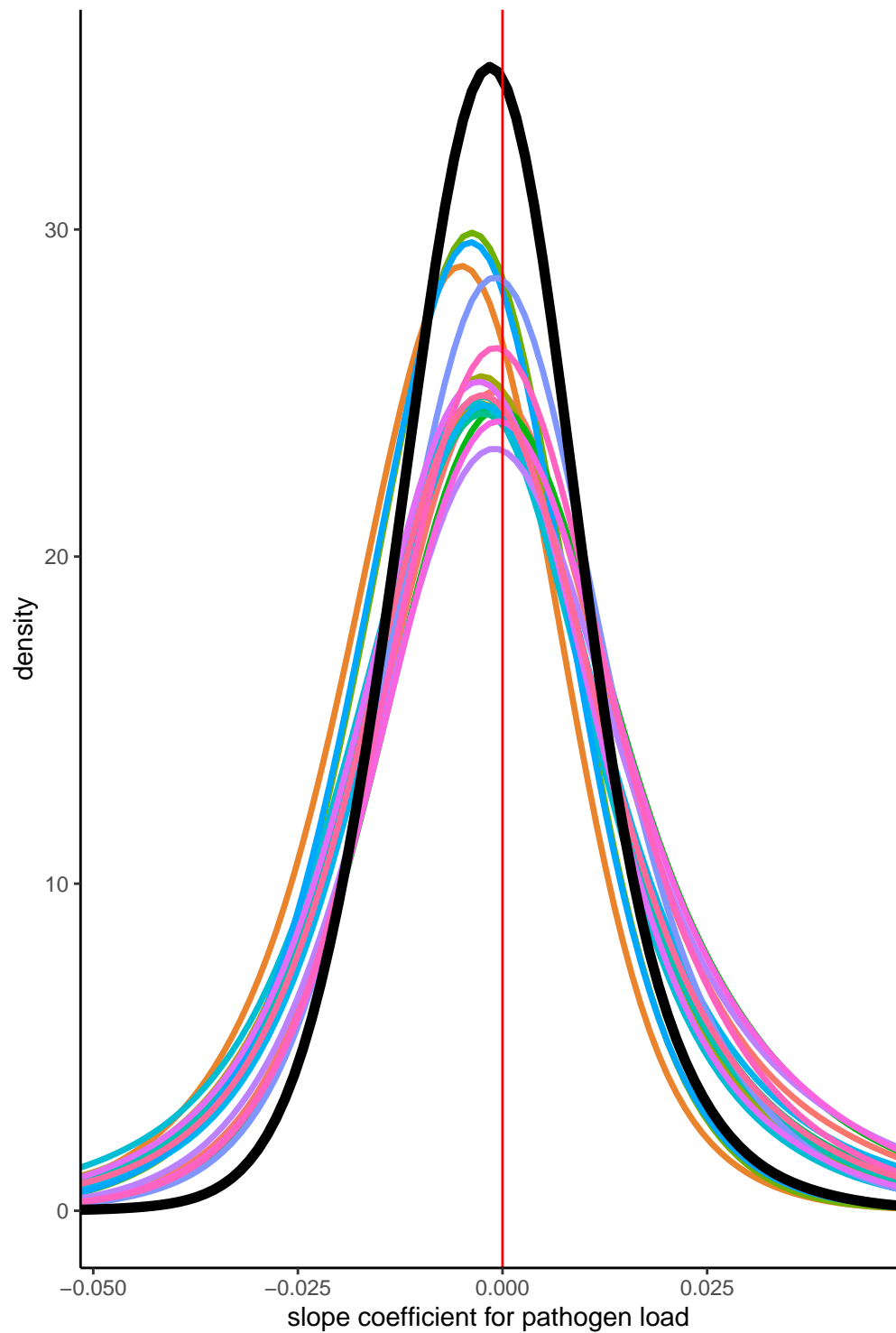
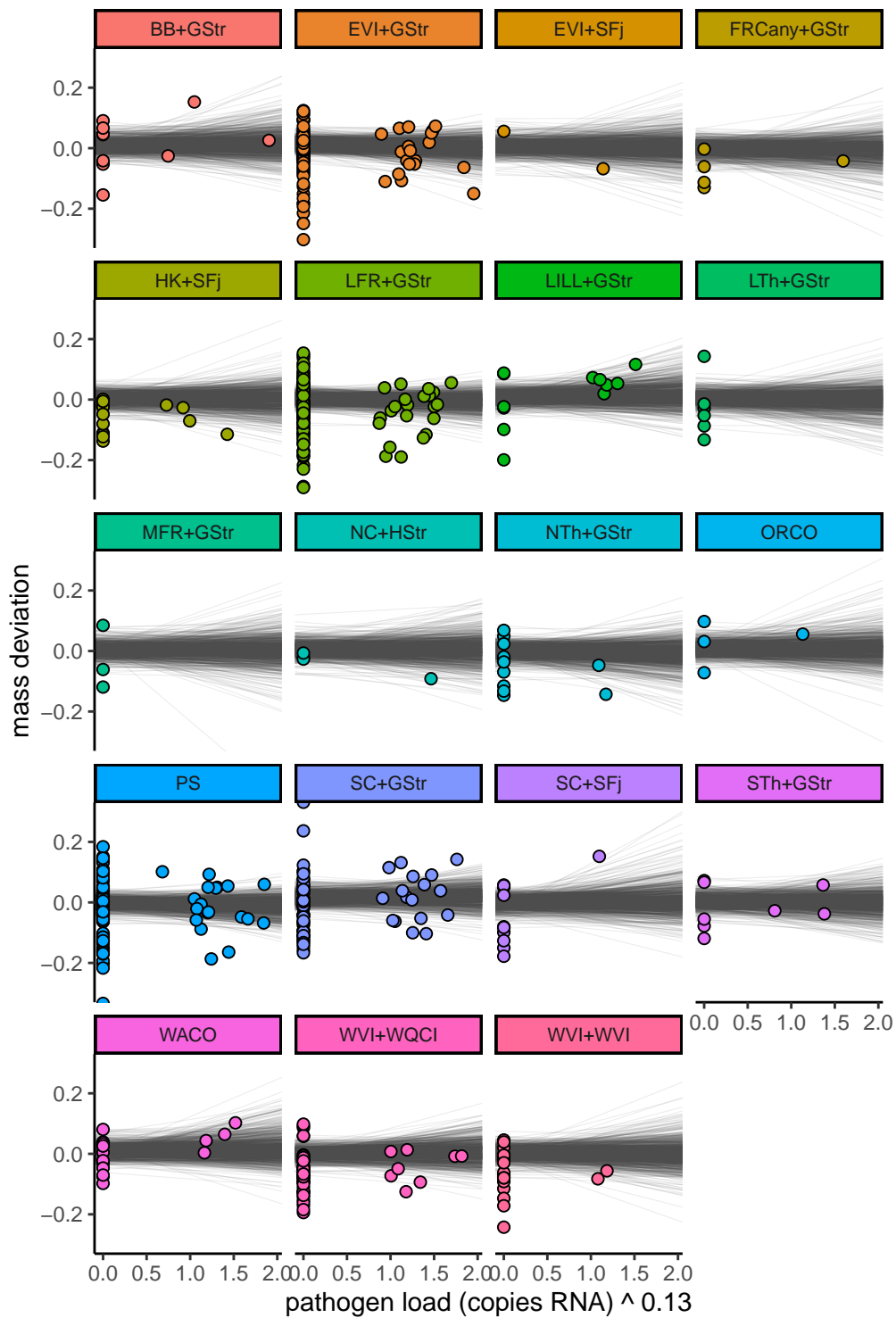
Piscine Orthoreovirus SpSu



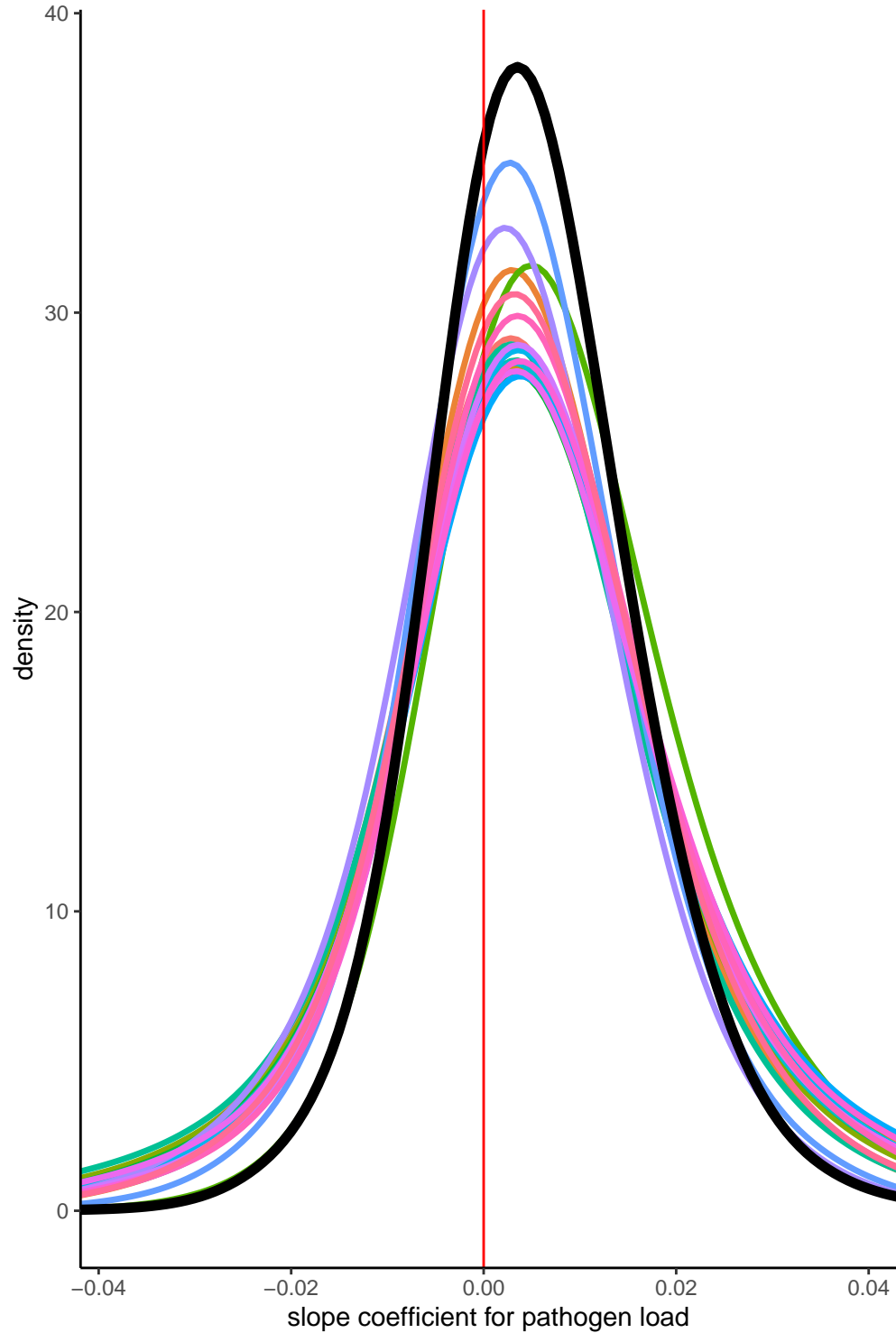
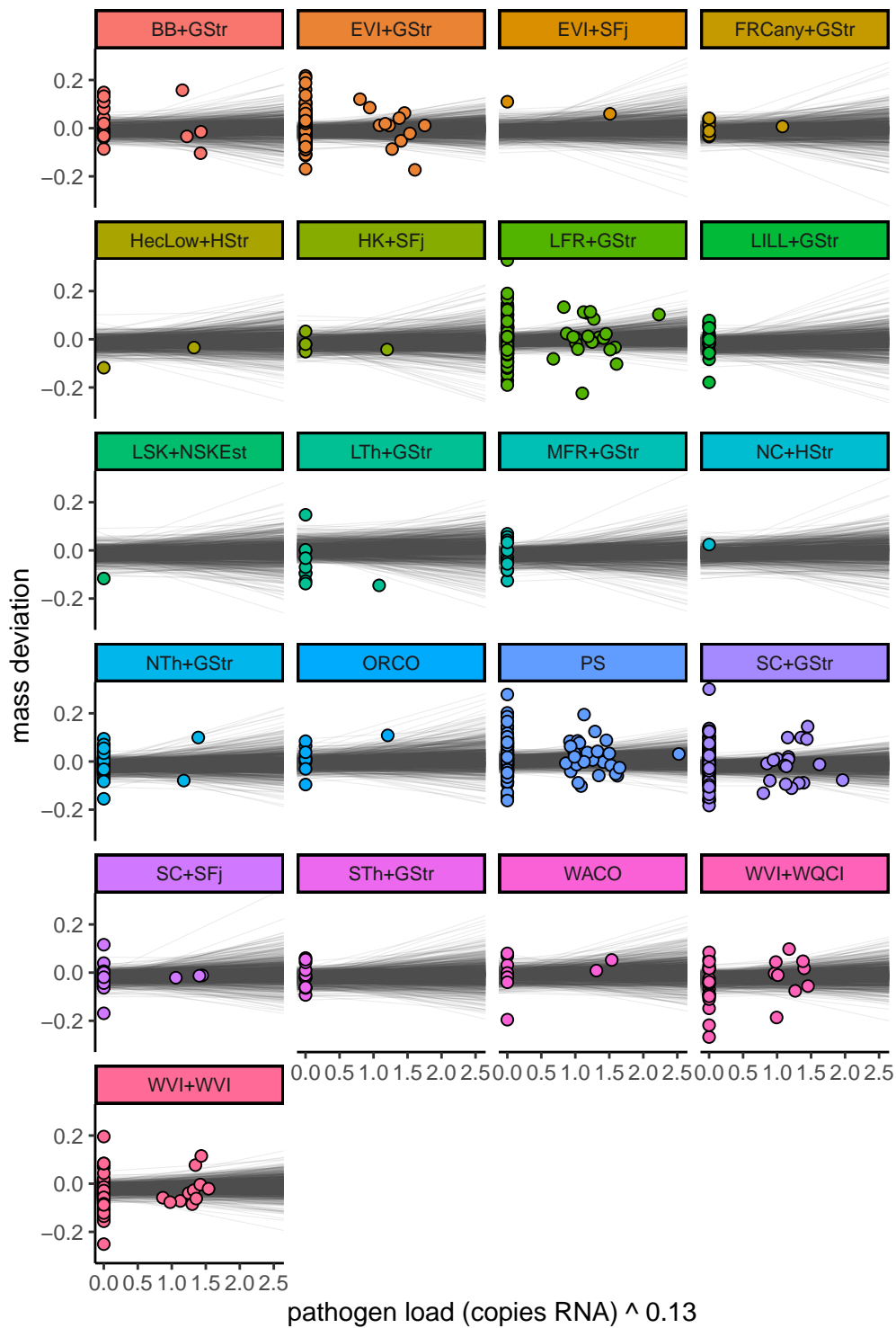
Piscine Orthoreovirus FaWi



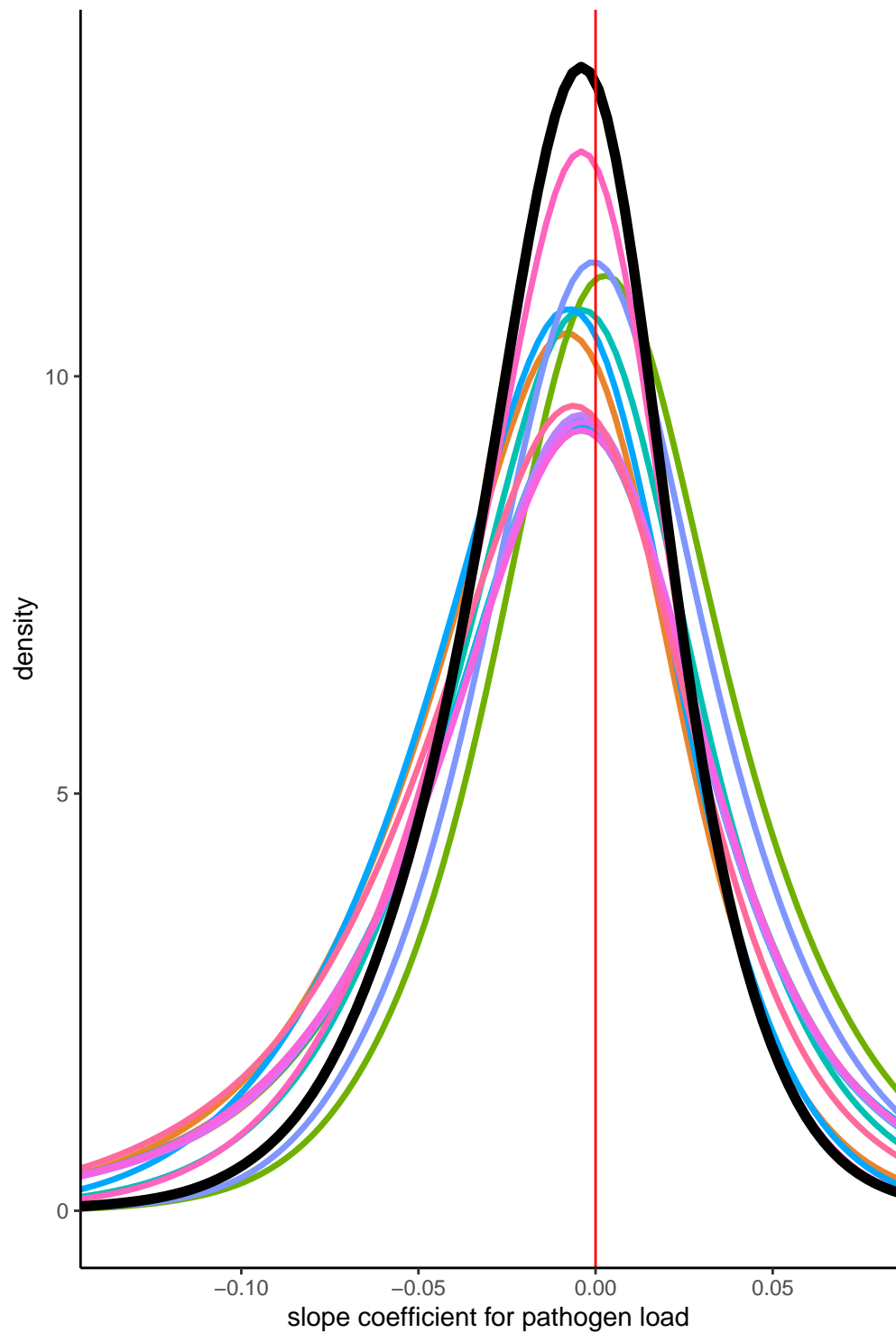
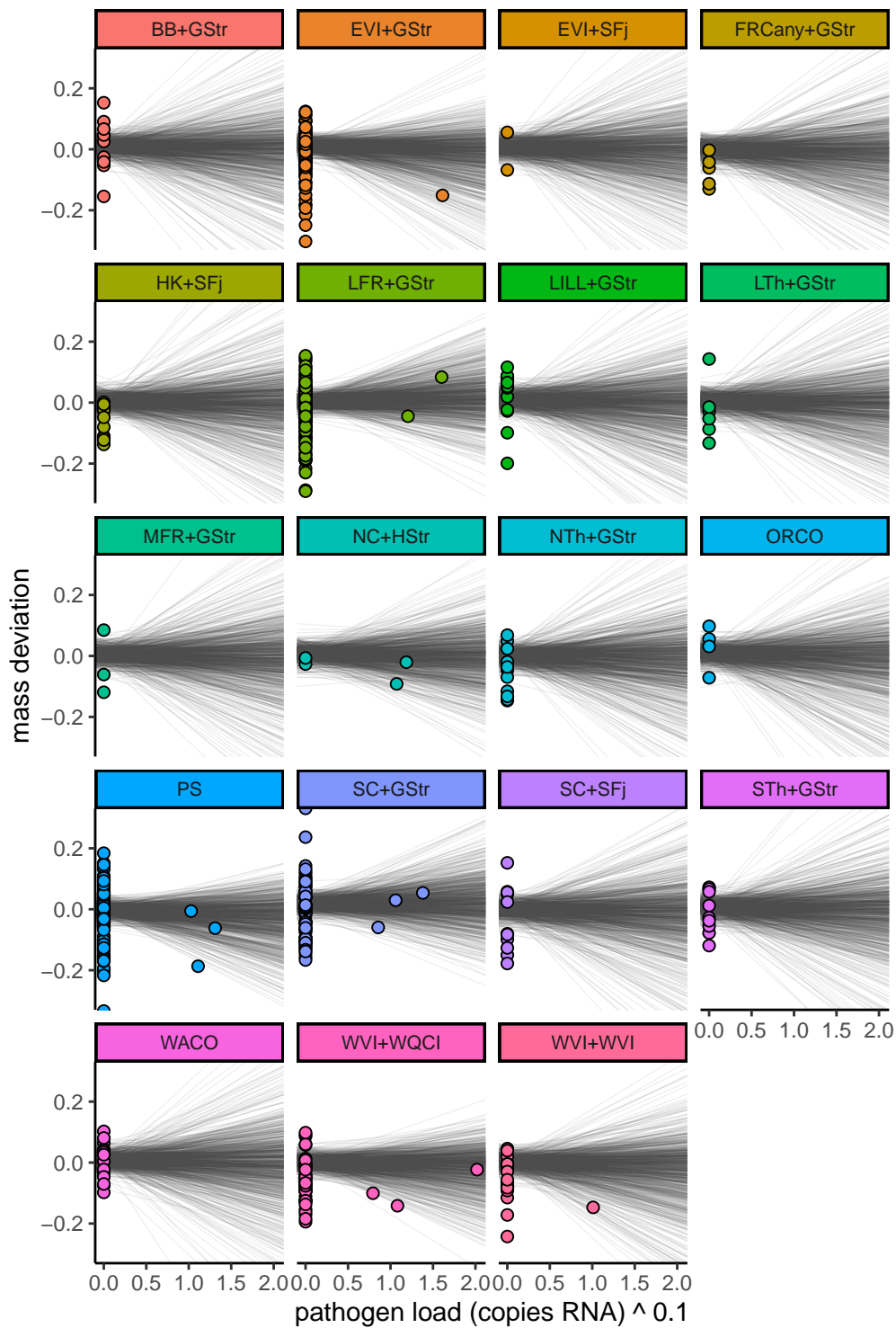
Candidatus Syngnamydia salmonis SpSu



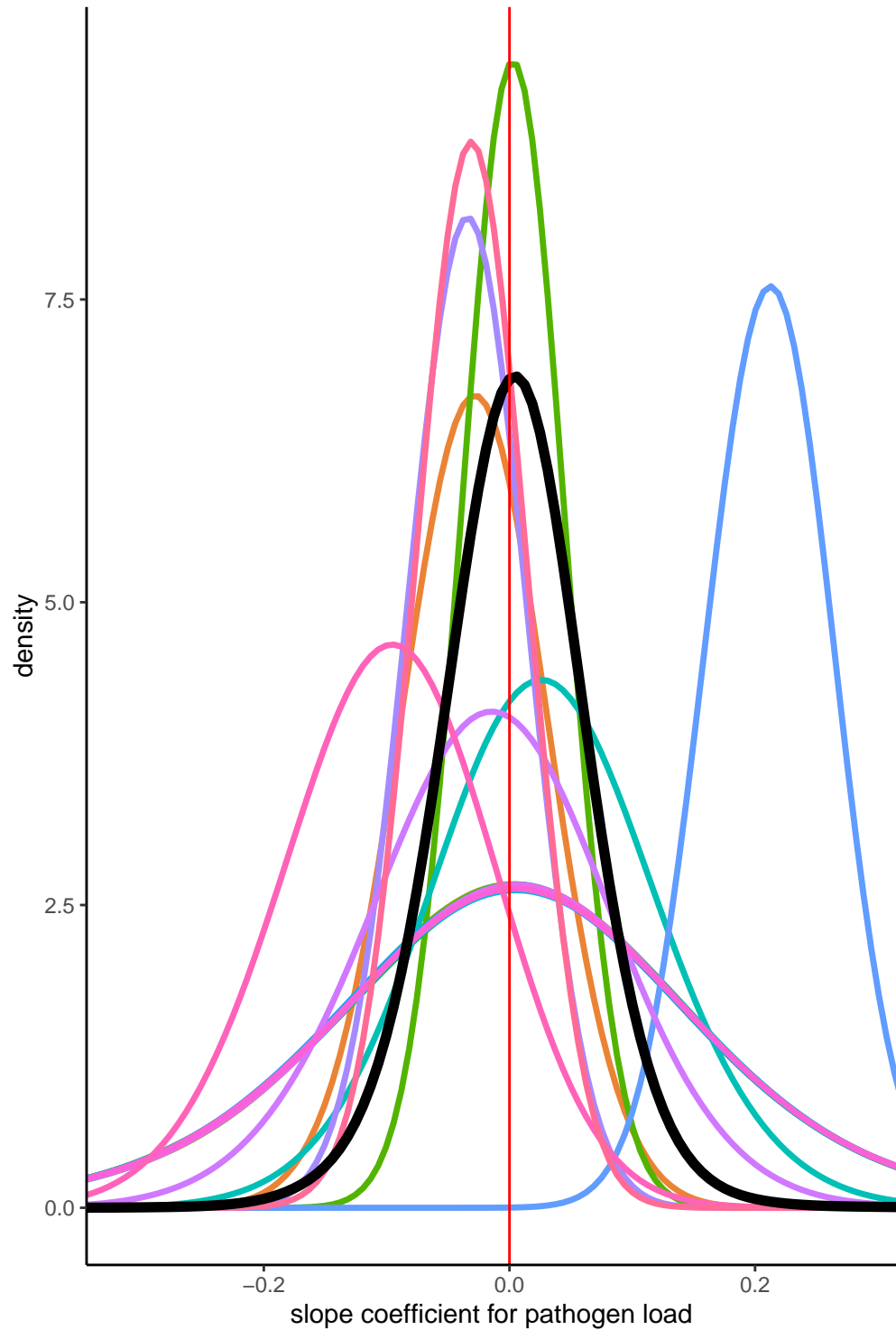
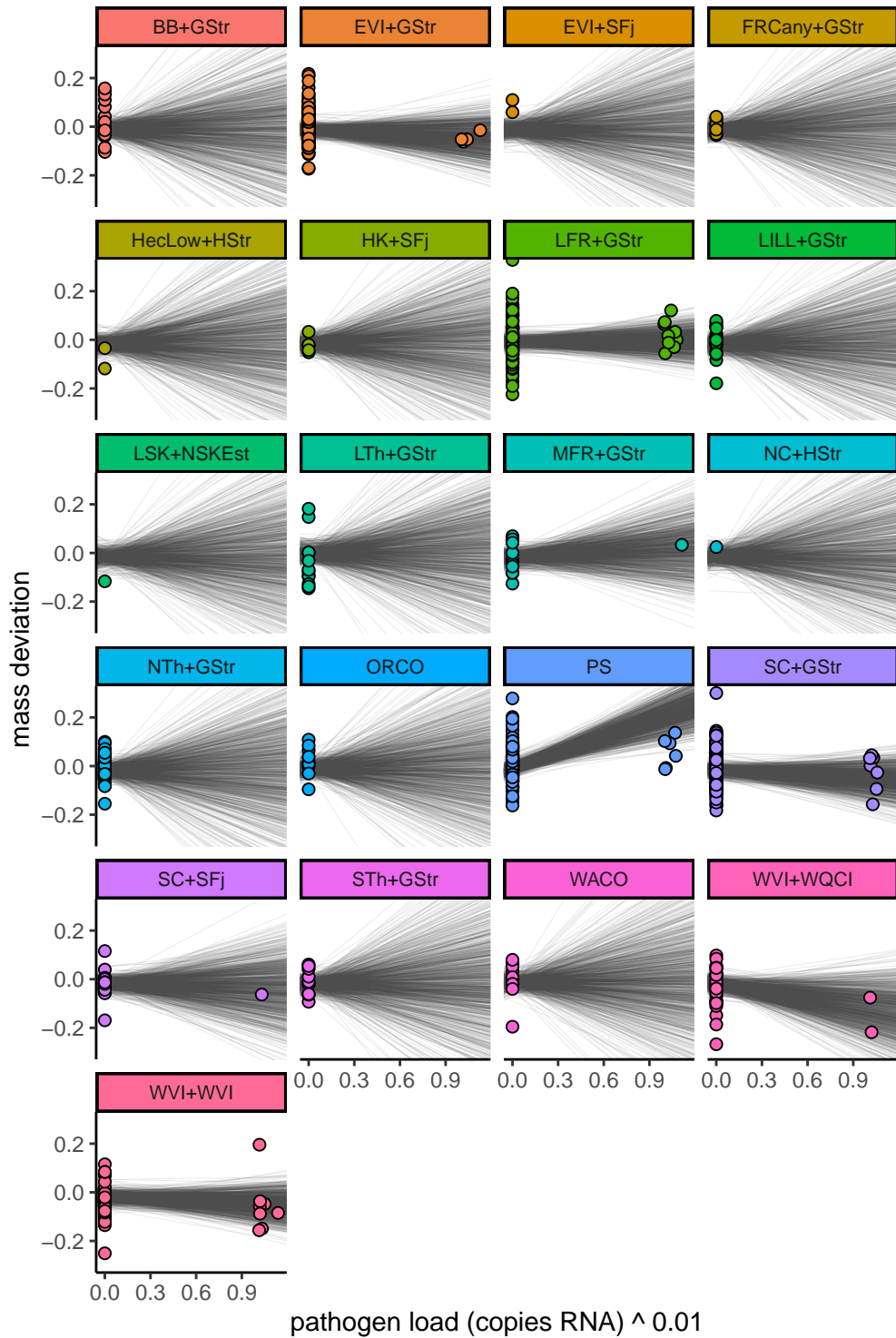
Candidatus Syngnamydia salmonis FaWi



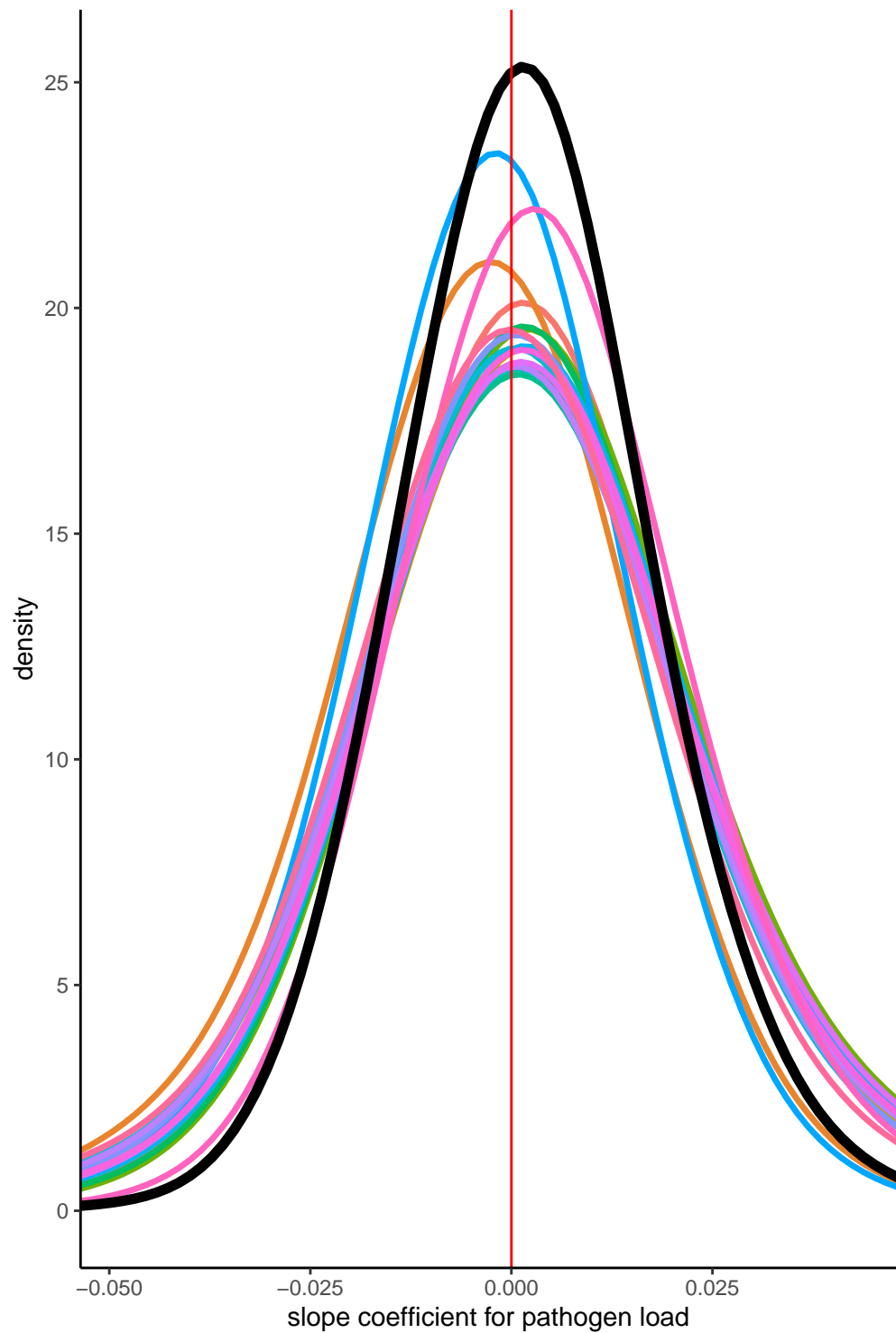
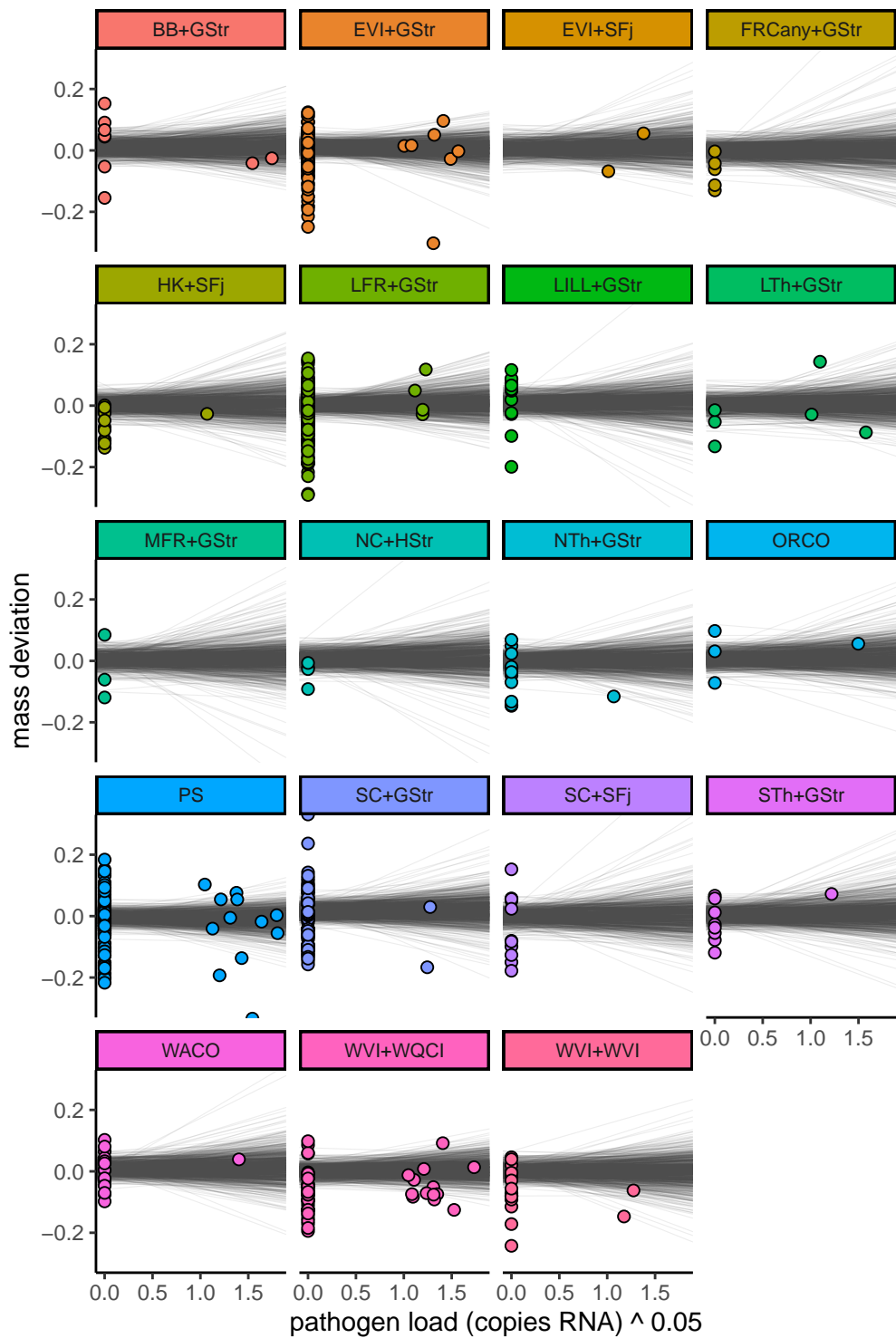
Sphaerothecum destruens SpSu



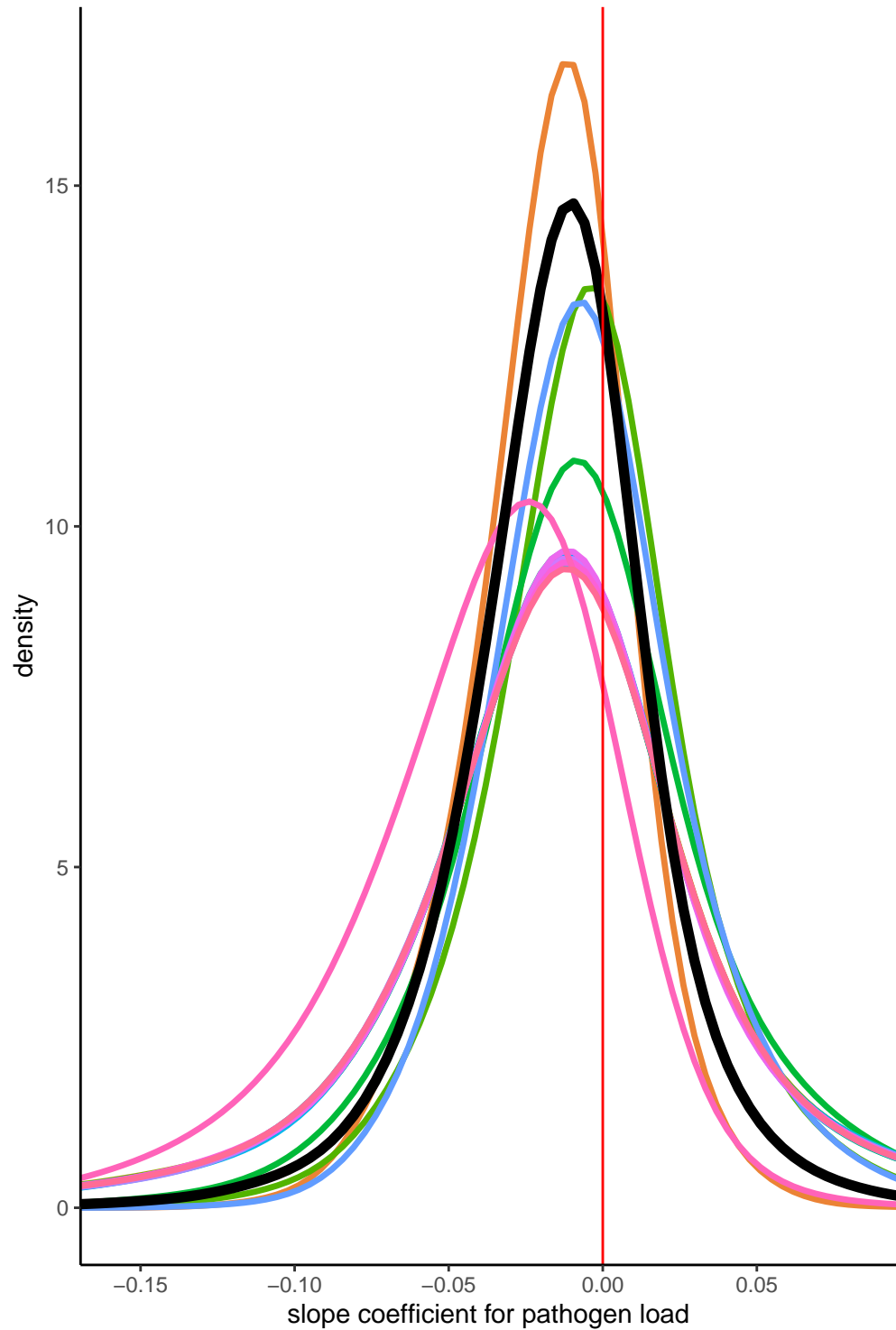
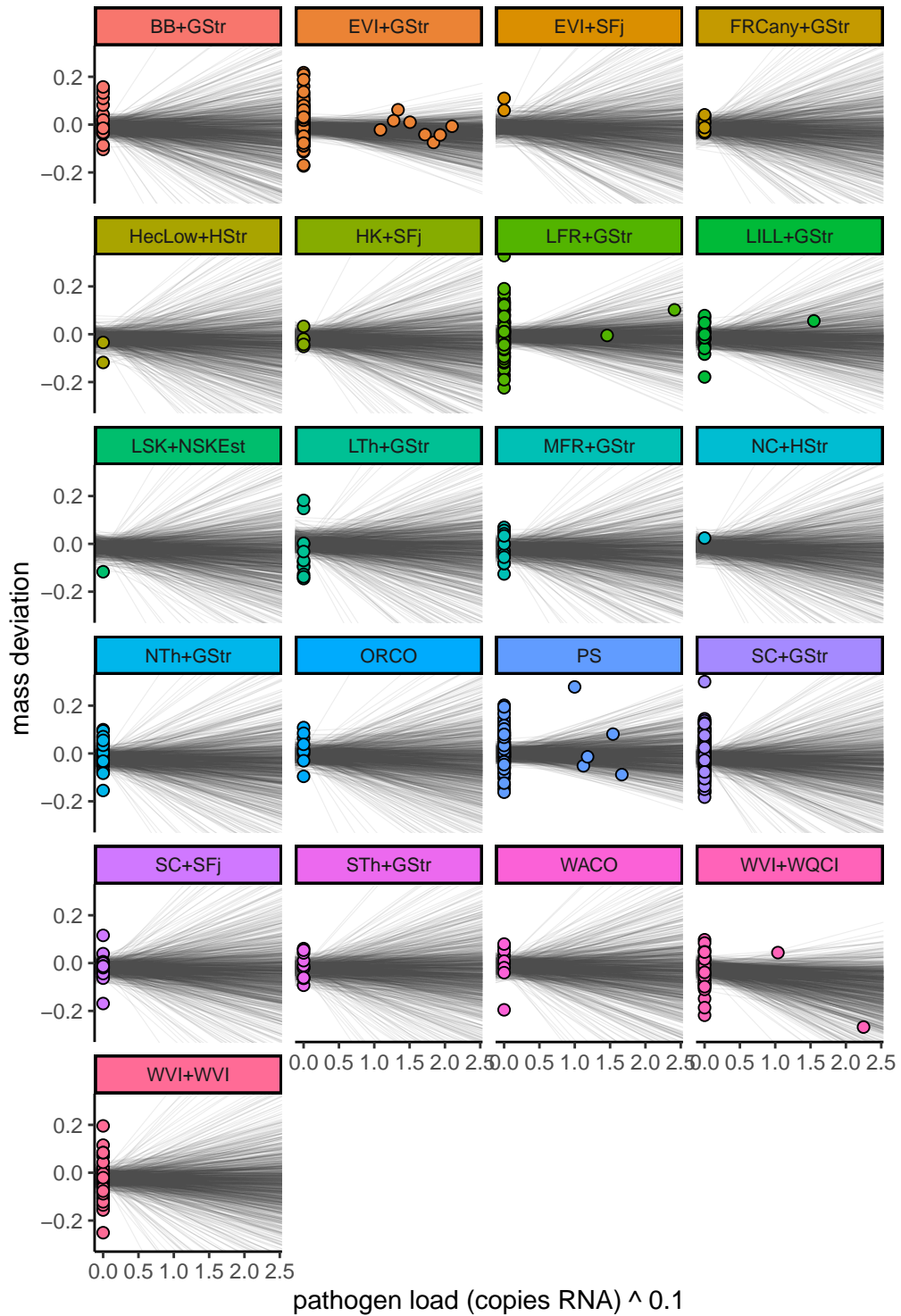
Sphaerothecum destruens FaWi



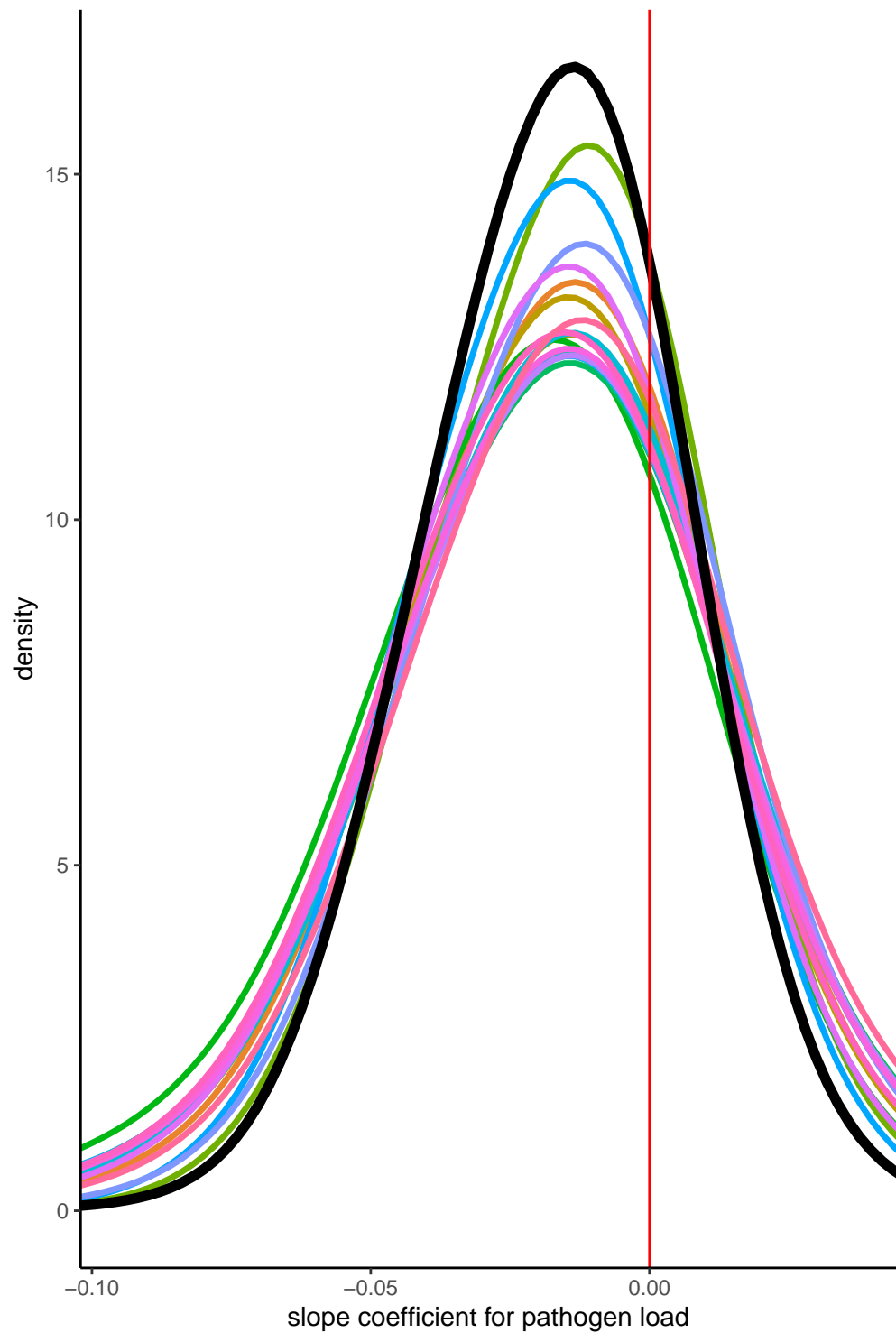
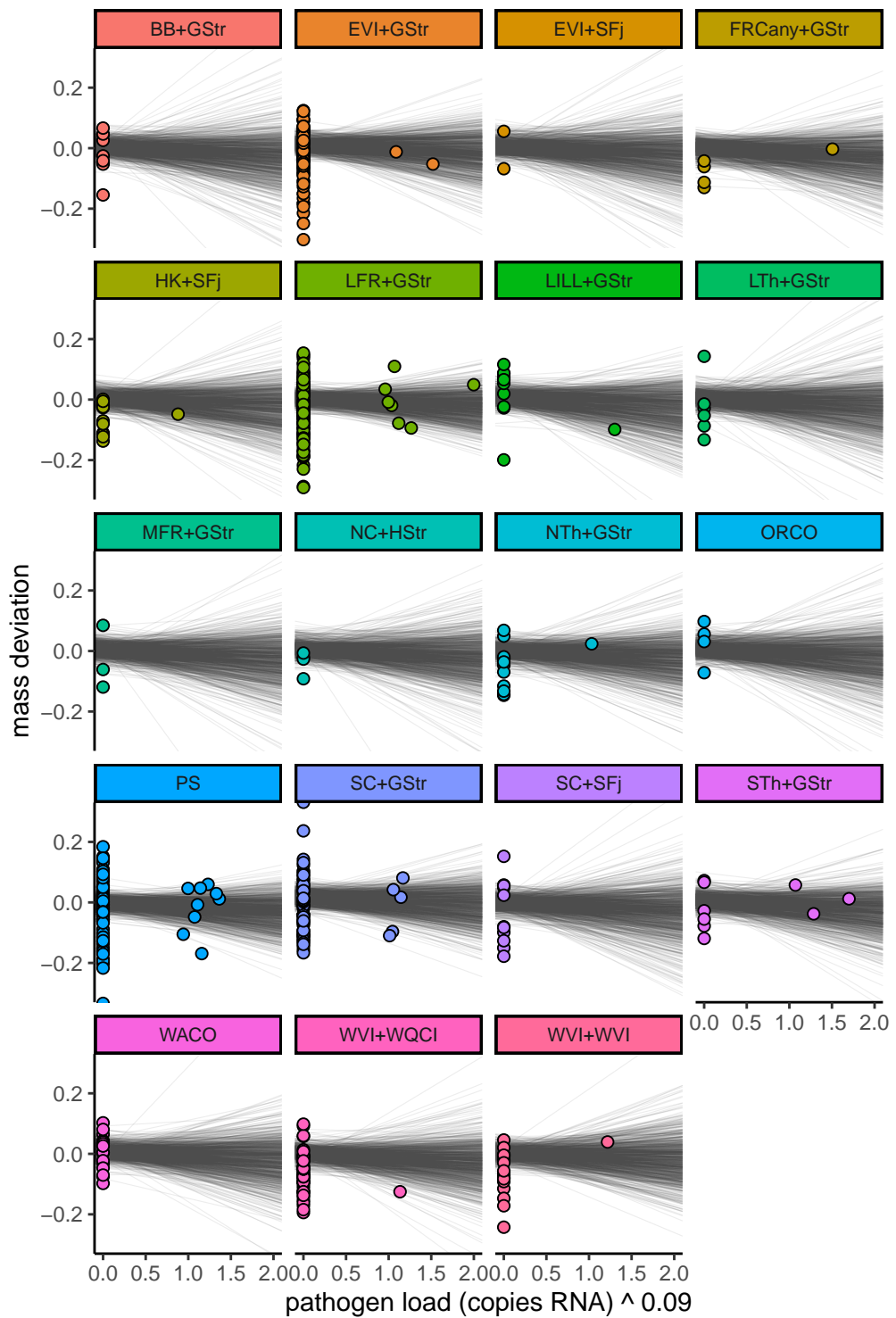
Tetracapsuloides bryosalmonae SpSu



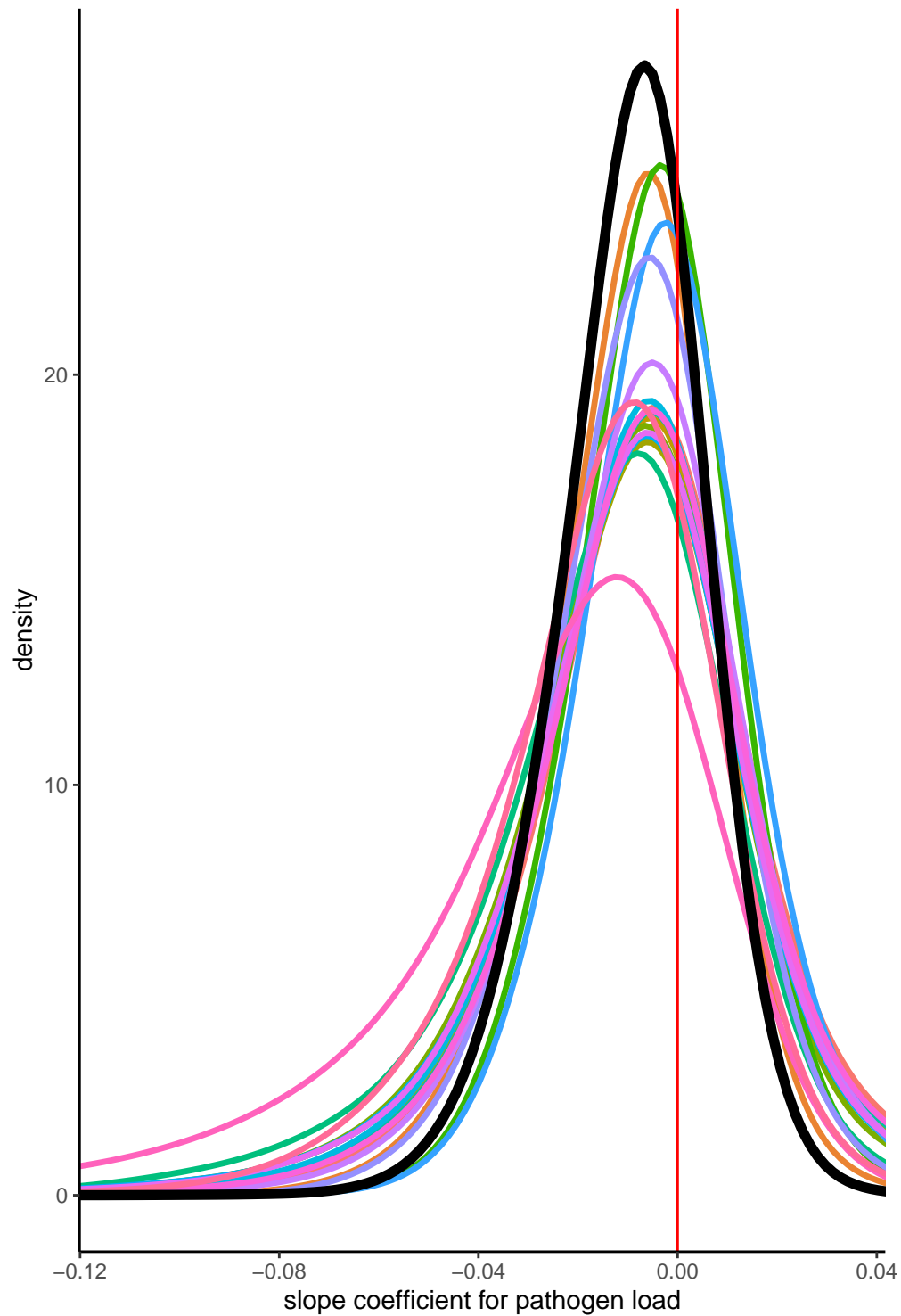
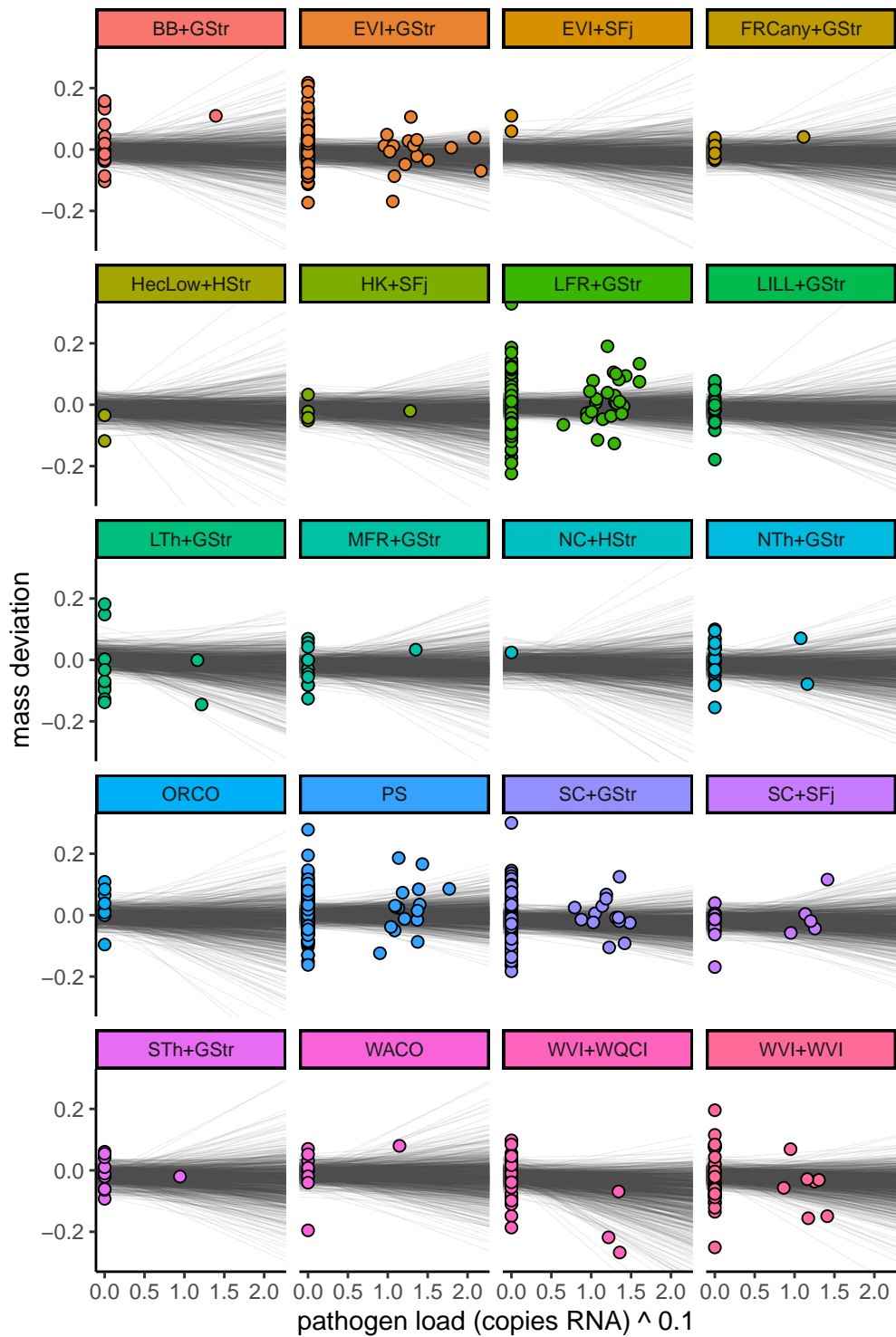
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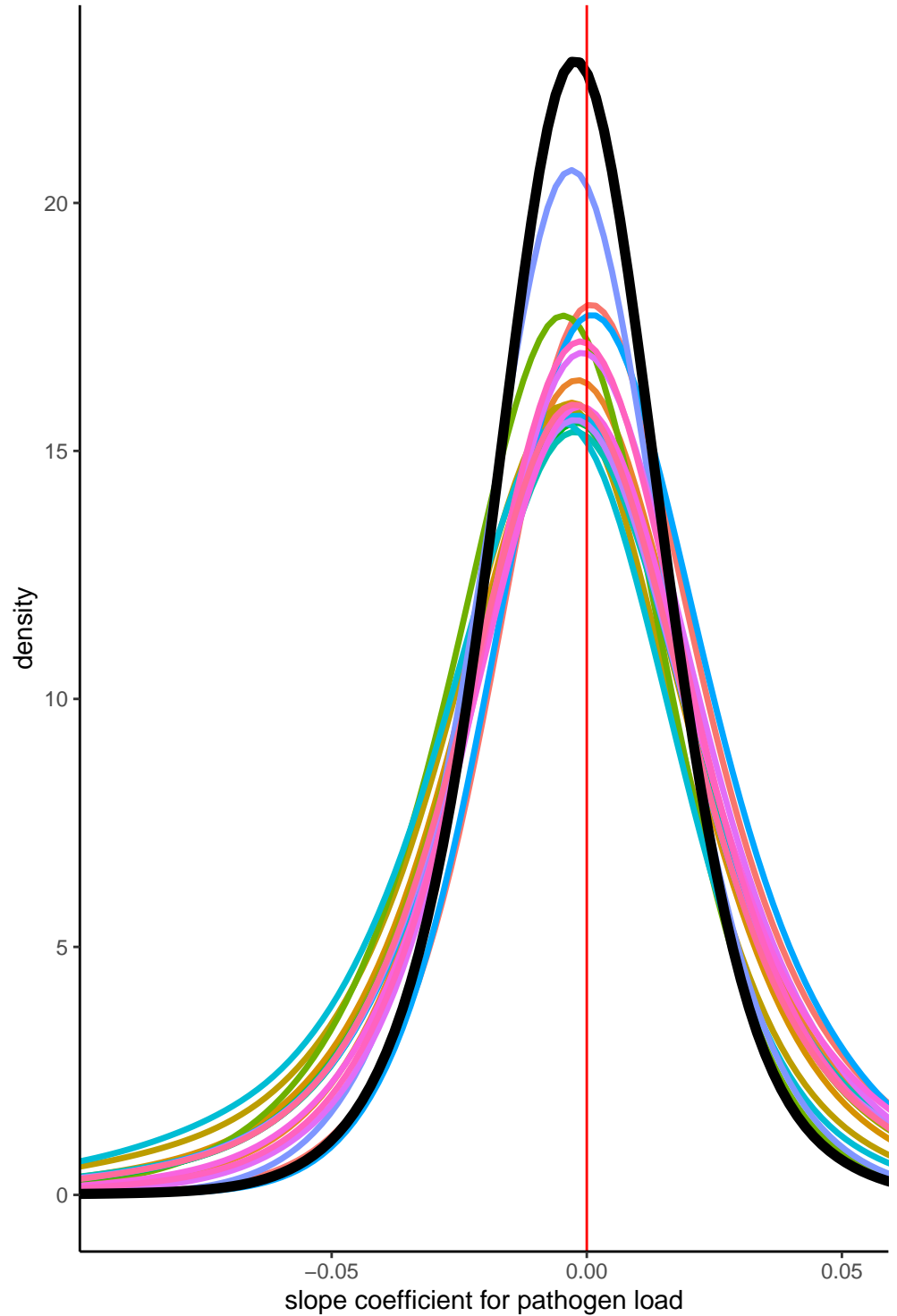
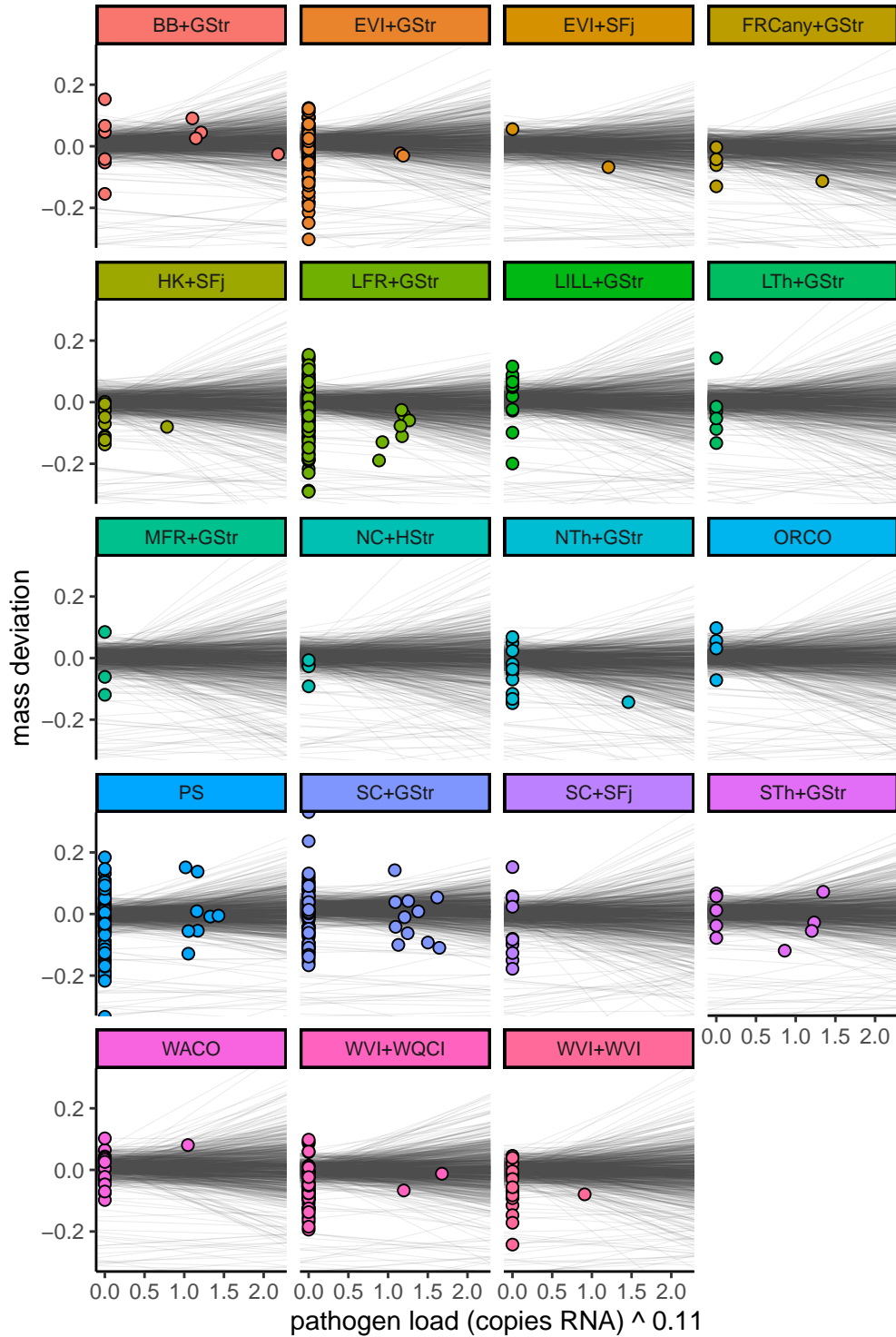
Tenacibaculum maritimum SpSu



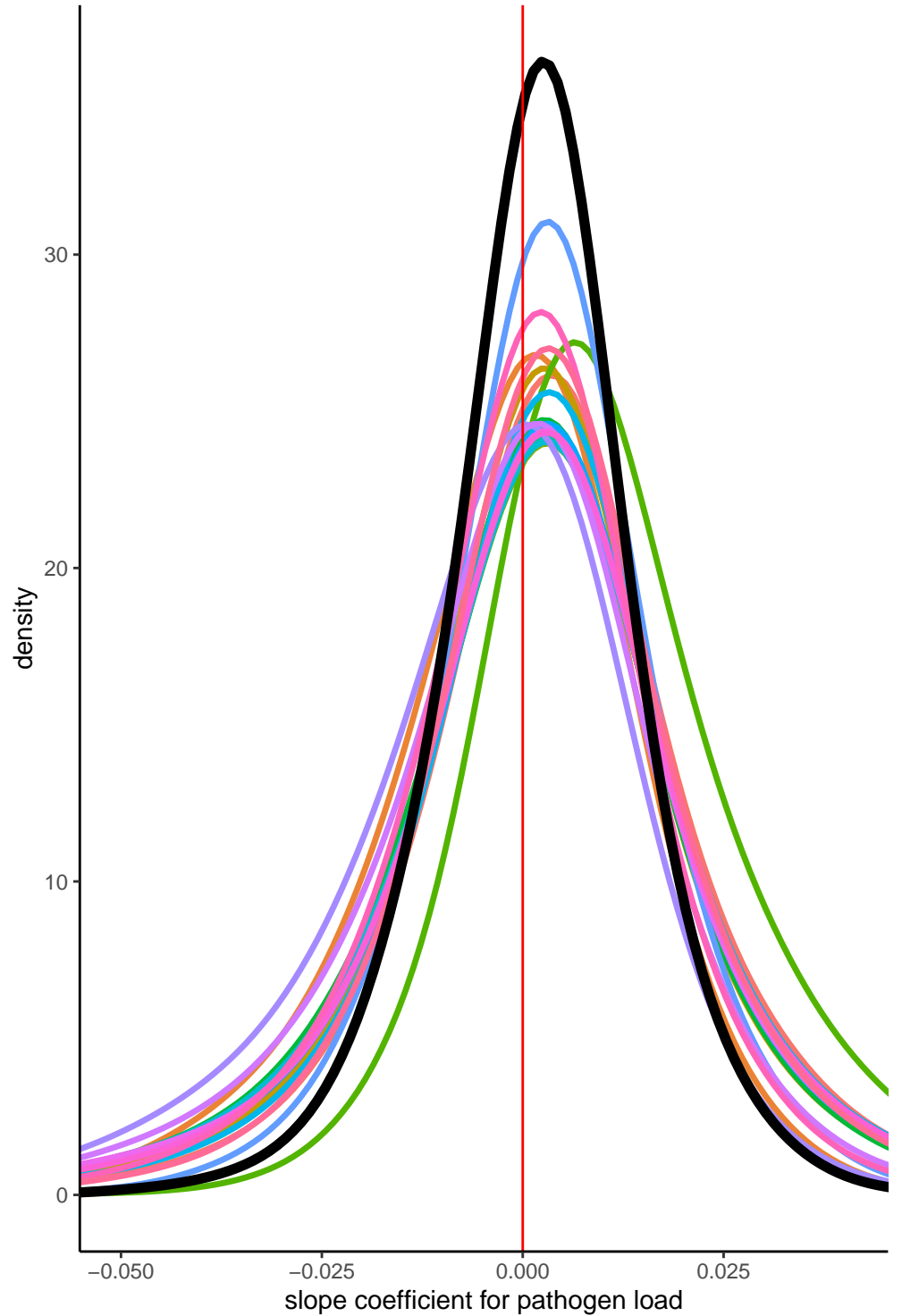
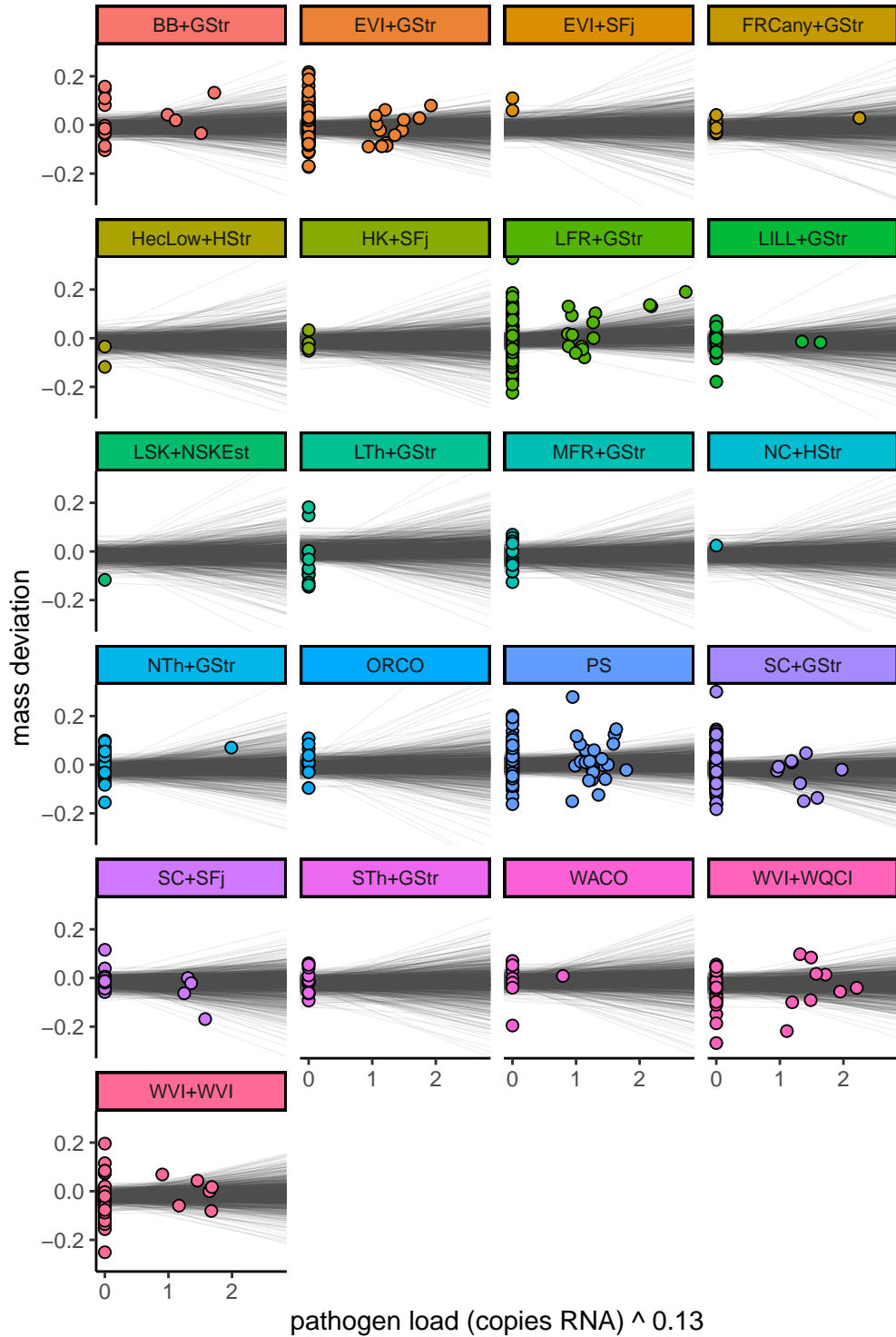
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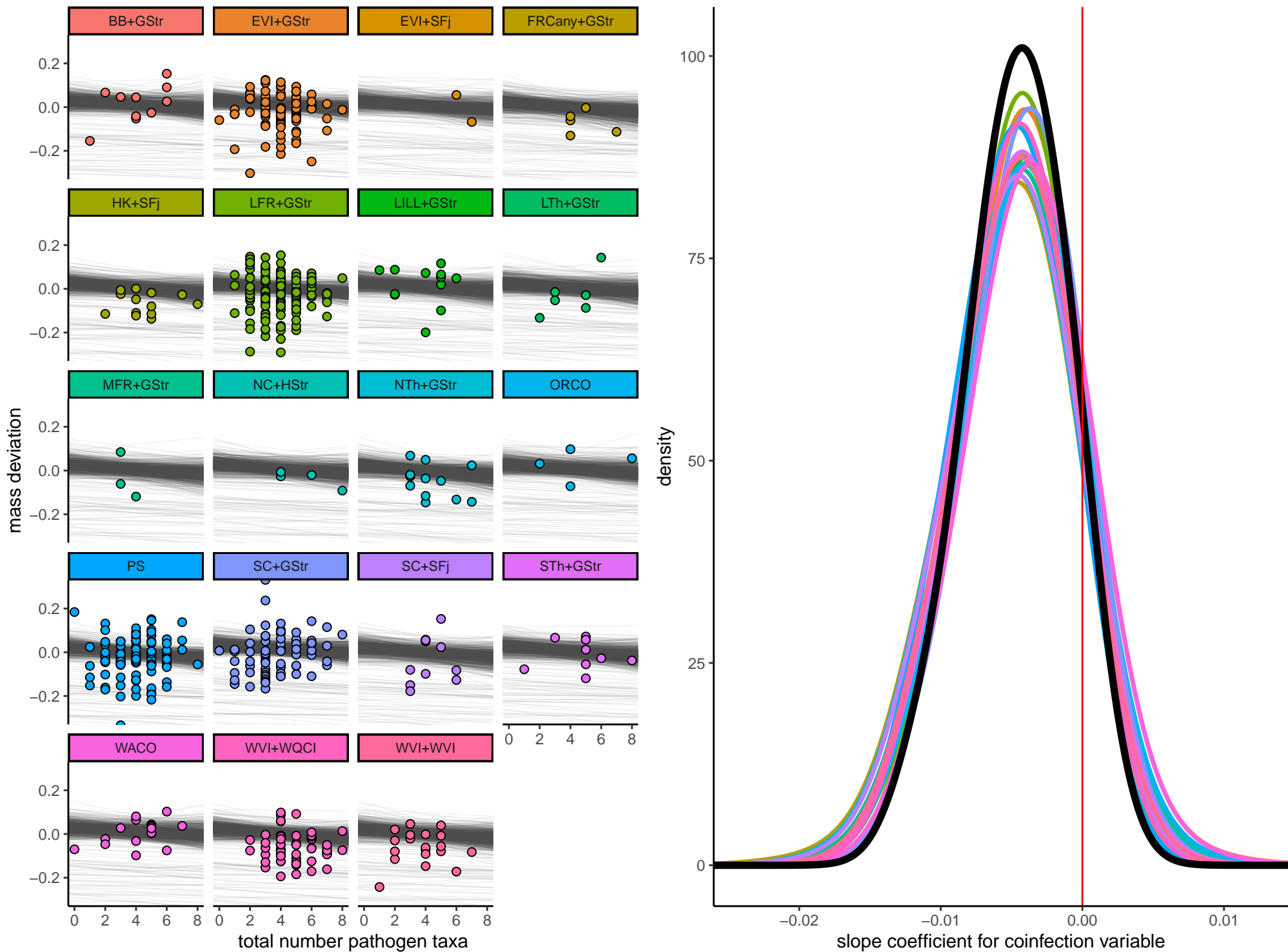
Erythrocytic Necrosis Virus SpSu



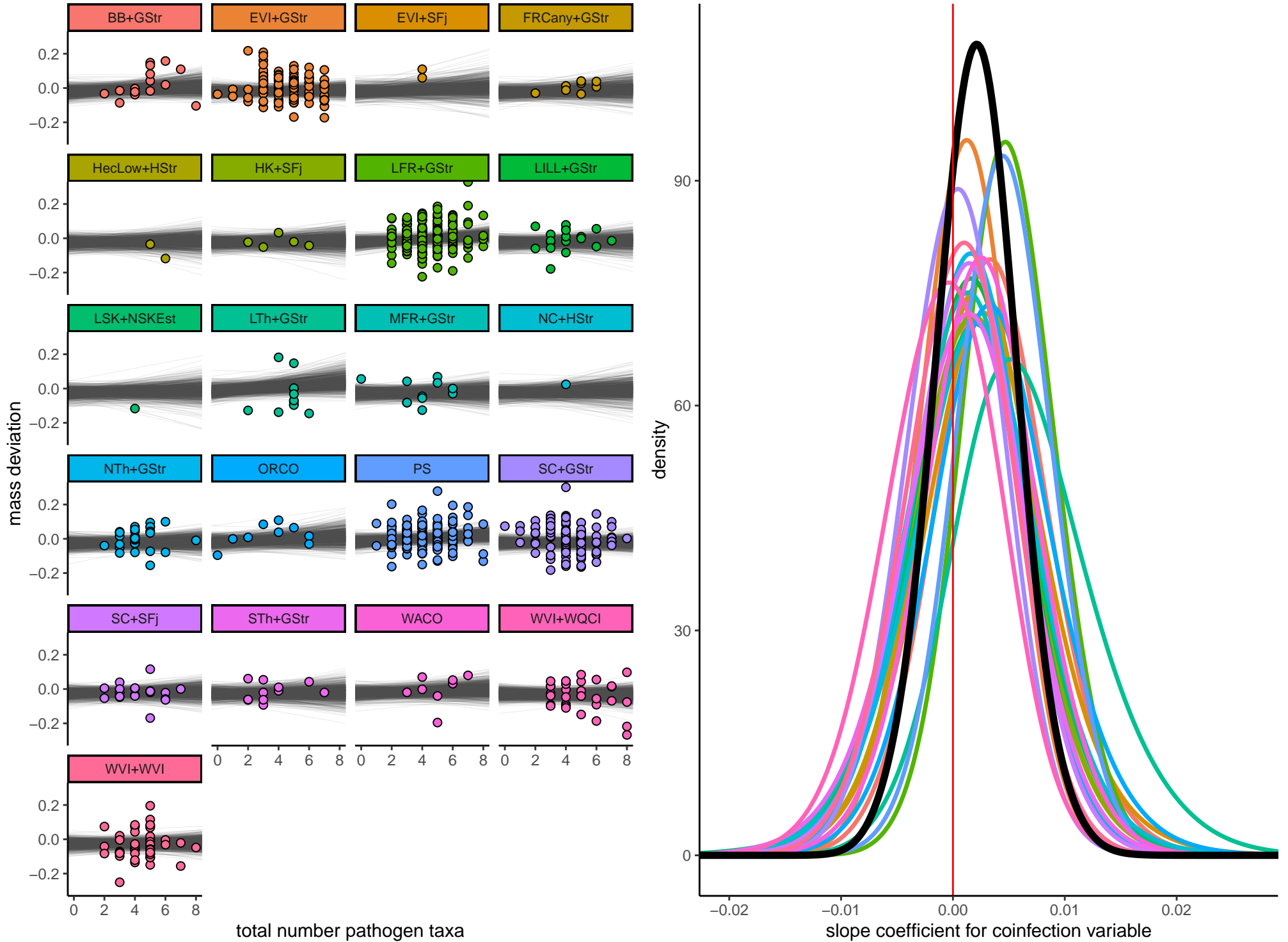
Erythrocytic Necrosis Virus FaWi



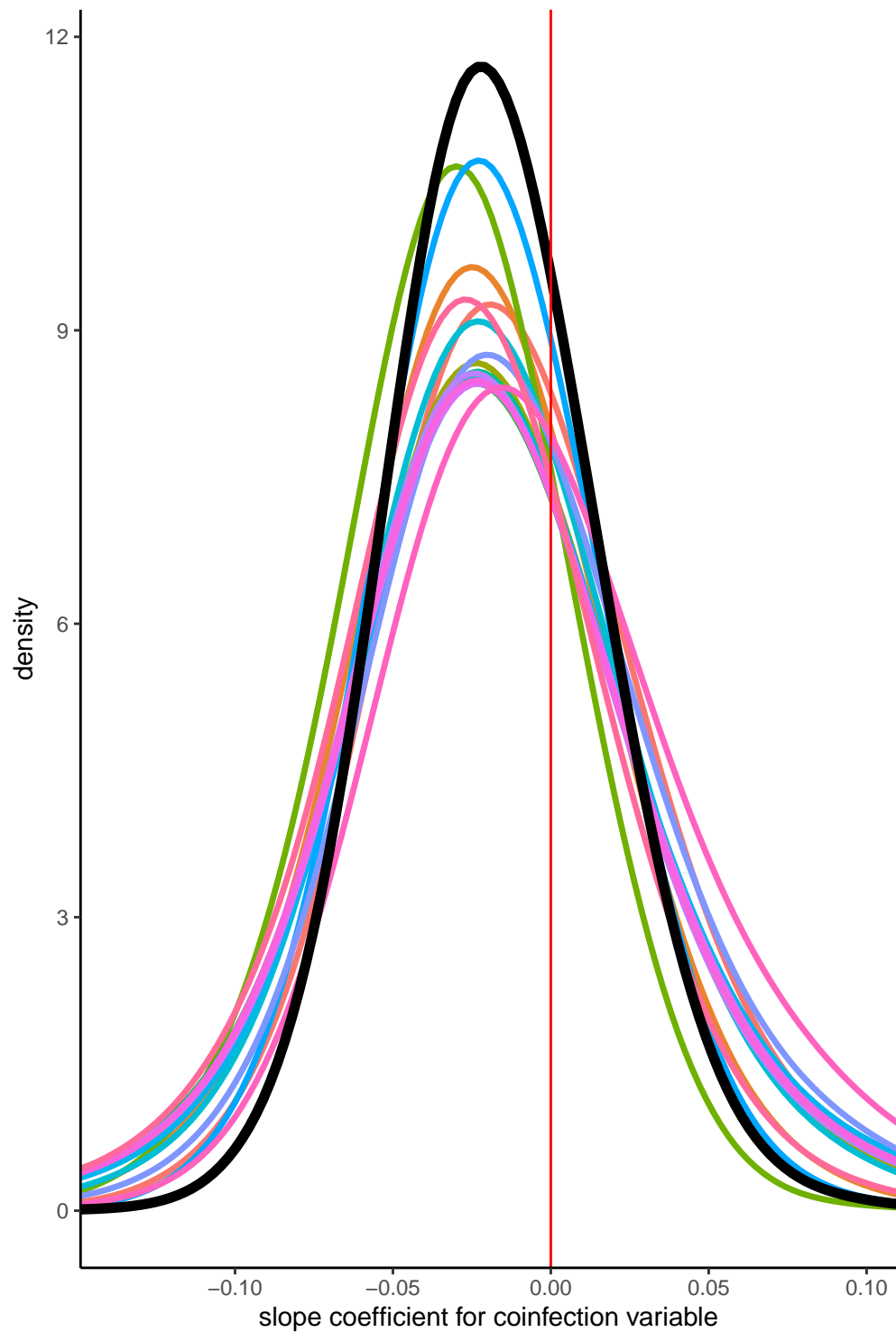
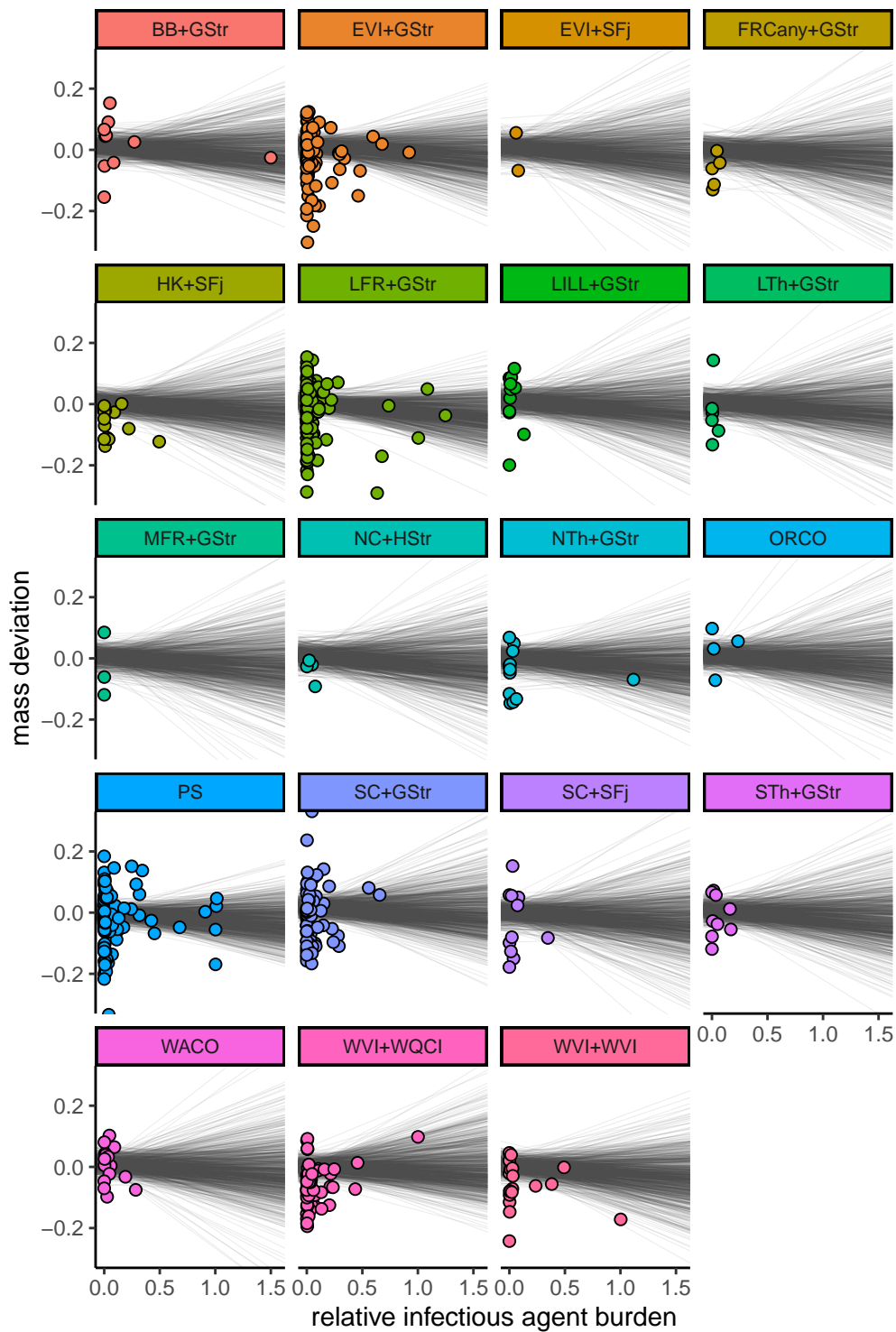
Total number of pathogen taxa SpSu



Total number of pathogen taxa FaWi



Relative infectious agent burden SpSu



Relative infectious agent burden FaWi

