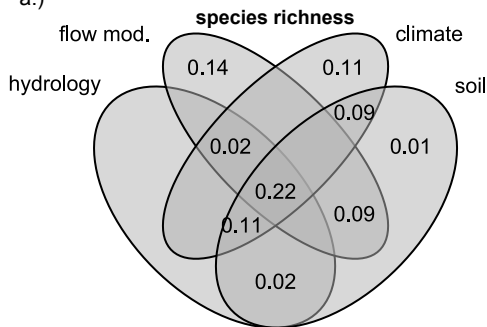


a.)



b.)

adj. R<sup>2</sup>

**hydrology:** 0.272 richness ~ C\_MinM + M\_MinM + (M\_MaxM + M\_MaxM<sup>2</sup>)  
**flow mod:** 0.351 richness ~ M\_MinM.mod + (M\_MaxM.mod + M\_MaxM.mod<sup>2</sup>) + CVAnnBFI.mod  
**climate:** 0.453 richness ~ clim\_pwet + clim\_pdry + clim\_tsea  
**soil:** 0.463 richness ~ soil\_ece + soil\_soc

**combined:** 0.635 richness ~ flow mod. + climate + soil

