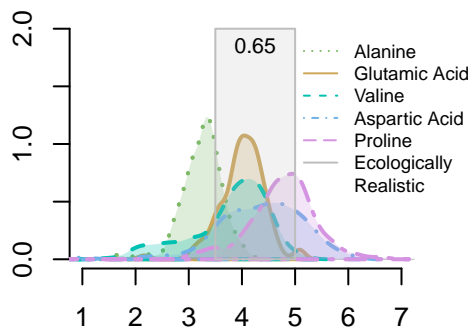
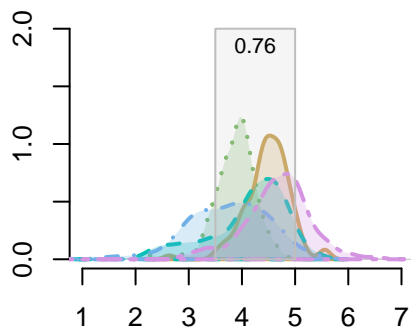


$$1. \frac{\delta^{15}\text{N}_{(i-o)} - \beta_{(i-o),\text{NV}}}{\overline{\text{TDF}}_{(i-o)}} + 1$$



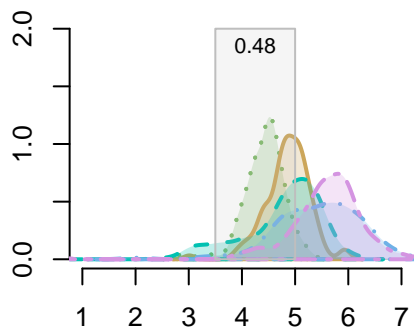
Trophic Position

$$2. \frac{\delta^{15}\text{N}_{(i-o)} - \text{TDF}_{(i-o),h} - \beta_{(i-o),\text{NV}}}{\overline{\text{TDF}}_{(i-o)}} + 2$$



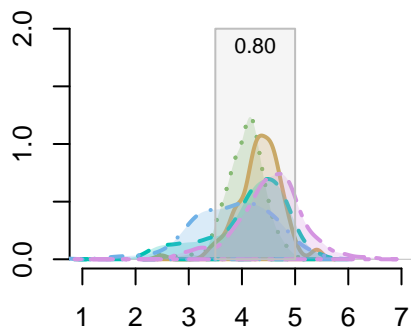
Trophic Position

$$3. \frac{\delta^{15}\text{N}_{(i-o)} - \text{TDF}_{(i-o),p} - \beta_{(i-o),\text{NV}}}{\overline{\text{TDF}}_{(i-o)}} + 2$$



Trophic Position

$$4. \frac{\delta^{15}\text{N}_{(i-o)} - \text{TDF}_{(i-o),h} - \text{TDF}_{(i-o),p} - \beta_{(i-o),\text{NV}}}{\overline{\text{TDF}}_{(i-o)}} + 3$$



Trophic Position