





pool size	density	directionality		$pool\ size$	density	directional it	\overline{y}
Abiotic filter $+$ positive associations				Abiotic filter $+$ negative associations			
5 species	$\left\{ egin{array}{l} \mathrm{sparse} \\ \mathrm{dense} \end{array} \right.$			5 species	$\left\{ egin{array}{l} \mathrm{sparse} \\ \mathrm{dense} \end{array} \right.$	symmetric symmetric	•
10 species	sparse	$\begin{cases} \text{symmetric} & \mathbf{c} \\ \text{asymmetric} & \mathbf{c} \end{cases}$	□ ◇	10 species	sparse	$\begin{cases} \text{symmetric} \\ \text{asymmetric} \end{cases}$	□
	dense	{ symmetric asymmetric •	+		dense	{ symmetric asymmetric	•
20 species	sparse	{ symmetric { asymmetric }	□ ◇	20 species	sparse	{ symmetric asymmetric	□
	dense	{ symmetric asymmetric •	•		$\left \begin{array}{c} dense \end{array}\right $	{ symmetric asymmetric	•
Abiotic only				Abiotic filter $+$ pos. and neg. assoc.			
5 species 10 species	$rac{ m dense}{ m dense}$	symmetric symmetric		5 species	$\left\{ egin{array}{l} \mathrm{sparse} \\ \mathrm{dense} \end{array} \right.$	symmetric symmetric	
20 species	dense	symmetric		10 species	$\left\{ egin{array}{l} \mathrm{sparse} \\ \mathrm{dense} \end{array} \right.$	$_{ m symmetric}$	□■
				20 species	$\begin{cases} \text{sparse} \\ \text{dense} \end{cases}$	symmetric symmetric	•











