

A scatter plot showing the relationship between the number of species ( $S$ ) on the x-axis and the number of individuals ( $N$ ) on the y-axis. The x-axis ranges from 0 to 100, and the y-axis ranges from 0 to 100. Data points are colored purple for  $N < 50$  and yellow for  $N > 50$ . A dense vertical line of purple points is at  $S=20$ . A diagonal line of yellow points runs from  $(20, 50)$  to  $(100, 100)$ .

