

Table 1: Correlation analysis of convective cell properties' growth rate

<i>Kendall's Tau</i>	$R_{I_{max},growth}$	$R_{S_{maj},growth}$	$R_{S_{min},growth}$
$R_{I_{max},growth}$	1	0.197	0.197
$R_{S_{maj},growth}$	0.197	1	0.466
$R_{S_{min},growth}$	0.197	0.466	1

Table 2: Correlation analysis of convective cell properties' decay rate

<i>Kendall's Tau</i>	$R_{I_{max},decay}$	$R_{S_{maj}, decay}$	$R_{S_{min}, decay}$
$R_{I_{max}, decay}$	1	0.212	0.212
$R_{S_{maj}, decay}$	0.212	1	0.526
$R_{S_{min}, decay}$	0.212	0.526	1

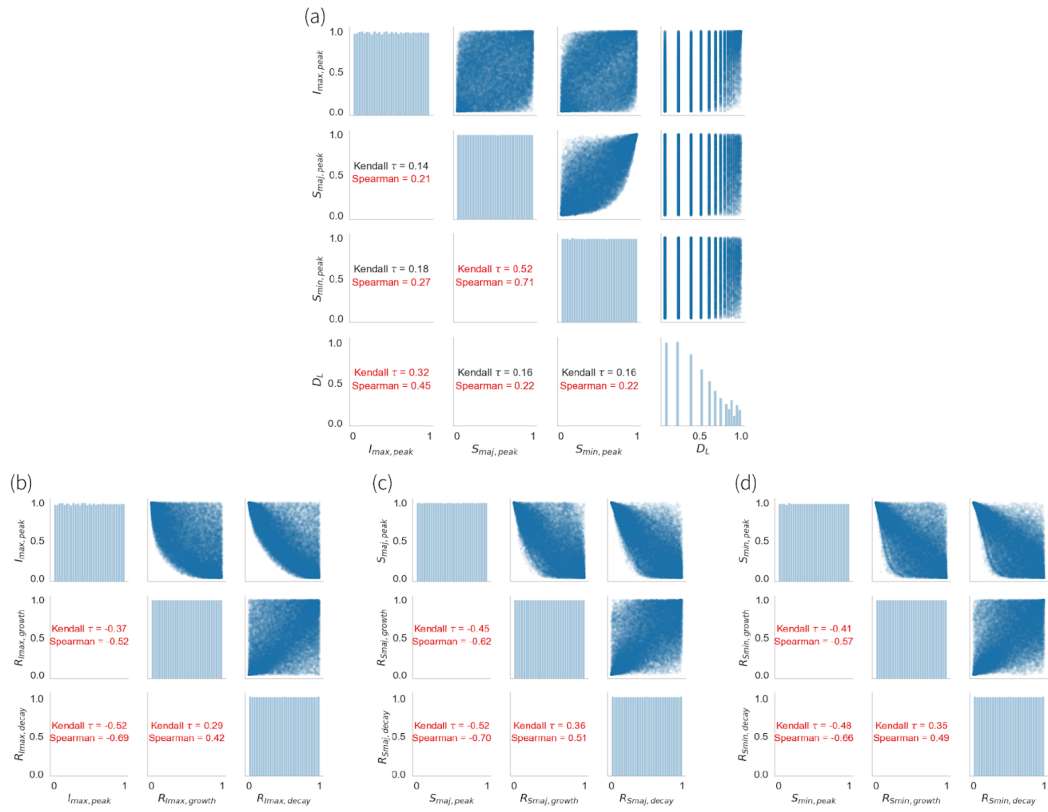


Figure 1. (corresponding to Figure 5 in the original manuscript) Correlation analyses amongst selected cell properties: (a) between peak properties; (b)-(d) between each peak property and the associated growth and decay rates.