Ƒigure 1

|  |  |  |  |
| --- | --- | --- | --- |
| PCV |  |  |  |
| WPCV |  |  |  |
| CCV |  |  |  |
|  | Resilience | Reactivity | Invariability |

Figure 2

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| PCV |  |  |  |  |  |  |  |  |
| WPCV |  |  |  |  |  |  |  |  |
| CCV |  |  |  |  |  |  |  |  |
|  | Mean intx | Off-diagonal | Top down | Bottom up | Top-down edible | Bottom-up edible | comp |  |

Figure 3

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Resil |  |  |  |  |  |  |  |  |
| React |  |  |  |  |  |  |  |  |
| Invar |  |  |  |  |  |  |  |  |
|  | Mean intx | Off-diagonal | Top down | Bottom up | Top-down edible | Bottom-up edible | comp |  |

Figure 4

**Richness vs Mean interaction strength (intx strength declines with richness)**

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Composite P Value: **{0.00139243}** Averaged P Value: {0.209696}

Composite Correlation: -0.746397 Averaged Correlation: -0.343724

Composite R-Squared: 0.557108 Averaged R-Squared: 0.118147