$\kappa^{[\alpha]} \kappa^{[\beta]}$

 $I_{\alpha,\beta} = \sum_{\kappa^{[\alpha]}} \sum_{\kappa^{[\beta]}} P\left(\kappa^{[\alpha]}, \kappa^{[\beta]}\right) \log \frac{P\left(\kappa^{[\alpha]}, \kappa^{[\beta]}\right)}{P\left(\kappa^{[\alpha]}\right), P\left(\kappa^{[\beta]}\right)}$

Interlayer Mutual Information

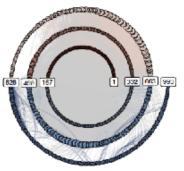
$$\mathcal{A} = \begin{bmatrix} \mathbf{A}^{[1]} & \mathbf{I}_{N} & \dots & \mathbf{I}_{N} \\ \mathbf{I}_{N} & \mathbf{A}^{[2]} & \ddots & \vdots \\ \vdots & \ddots & \ddots & \mathbf{I}_{N} \\ \mathbf{I}_{N} & \dots & \mathbf{I}_{N} & \mathbf{A}^{[m]} \end{bmatrix}$$

Attractive, Sport

Attractive, Global

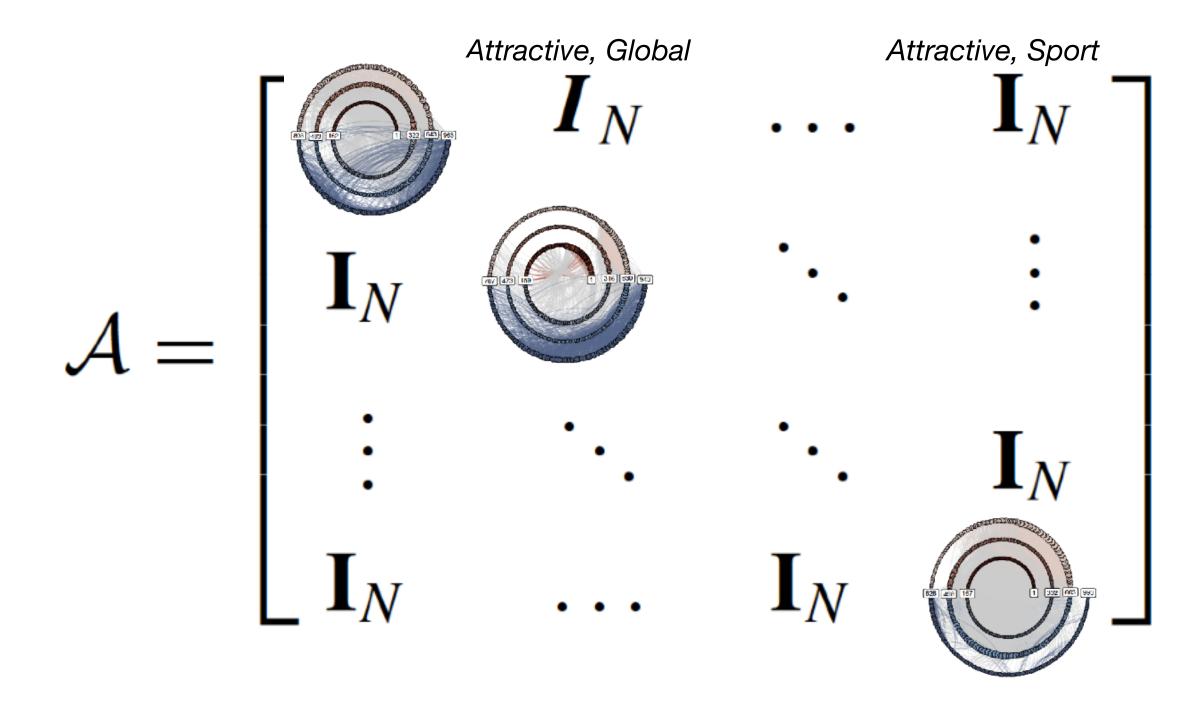




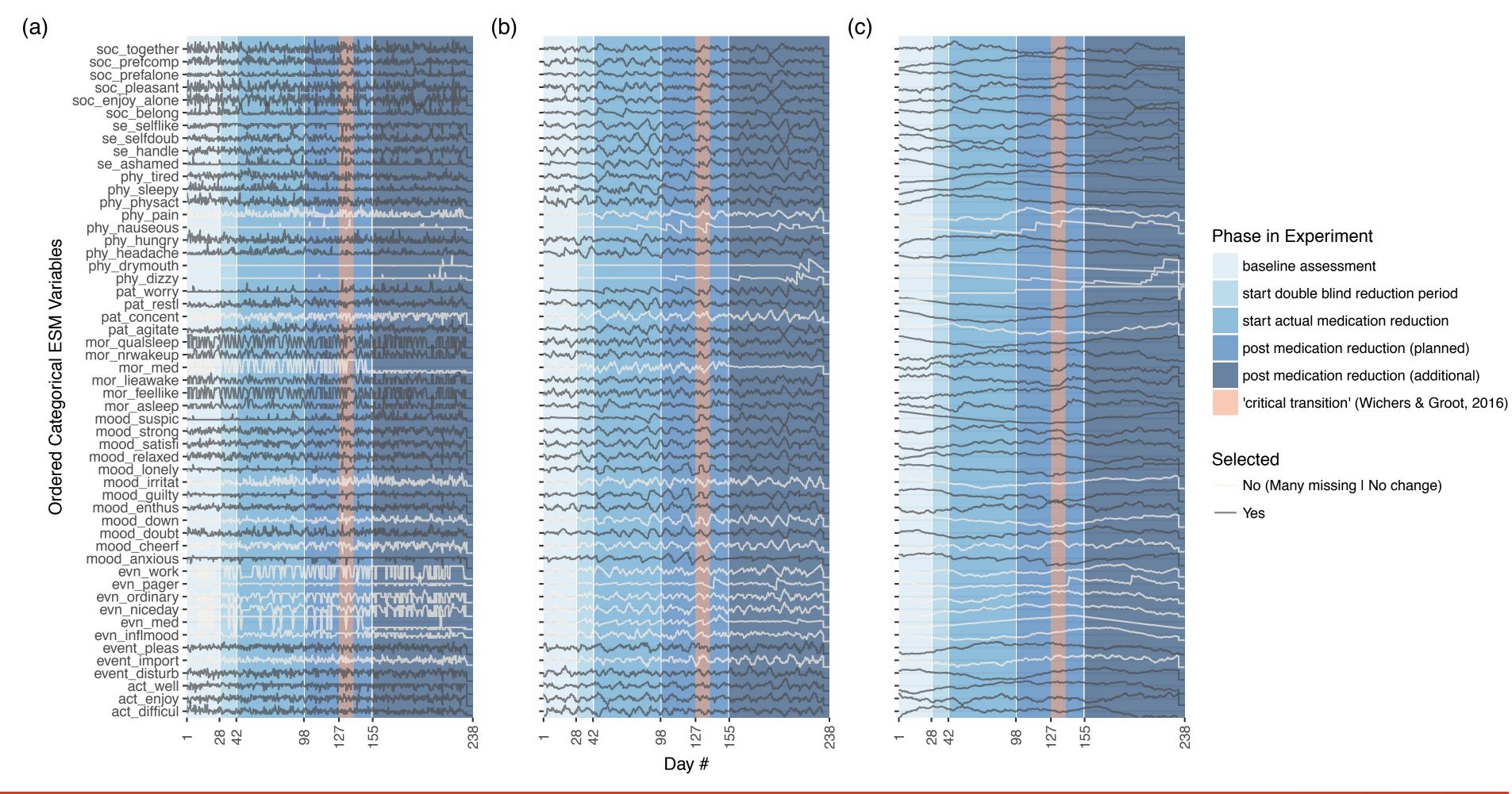


Interlayer Mutual Information

$$I_{\alpha,\beta} = \sum_{\kappa^{[\alpha]}} \sum_{\kappa^{[\beta]}} P\left(\kappa^{[\alpha]}, \kappa^{[\beta]}\right) \log \frac{P\left(\kappa^{[\alpha]}, \kappa^{[\beta]}\right)}{P\left(\kappa^{[\alpha]}\right), P\left(\kappa^{[\beta]}\right)}$$



Critical Slowing Down as a Personalized Early Warning Signal for Depression



Wichers, M., Groot, P. C., Psychosystems, ESM Grp, & EWS Grp (2016). Critical Slowing Down as a Personalized Early Warning Signal for Depression. Psychotherapy and psychosomatics, 85(2), 114-116. DOI: 10.1159/000441458

Kossakowski, J., Groot, P., Haslbeck, J., Borsboom, D., and Wichers, M. (2017). Data from 'critical slowing down as a personalized early warning signal for depression'. Journal of Open Psychology Data, 5(1).

