Sick

% Participants
0.0　　7.5　　15.0　　22.5　　30.0

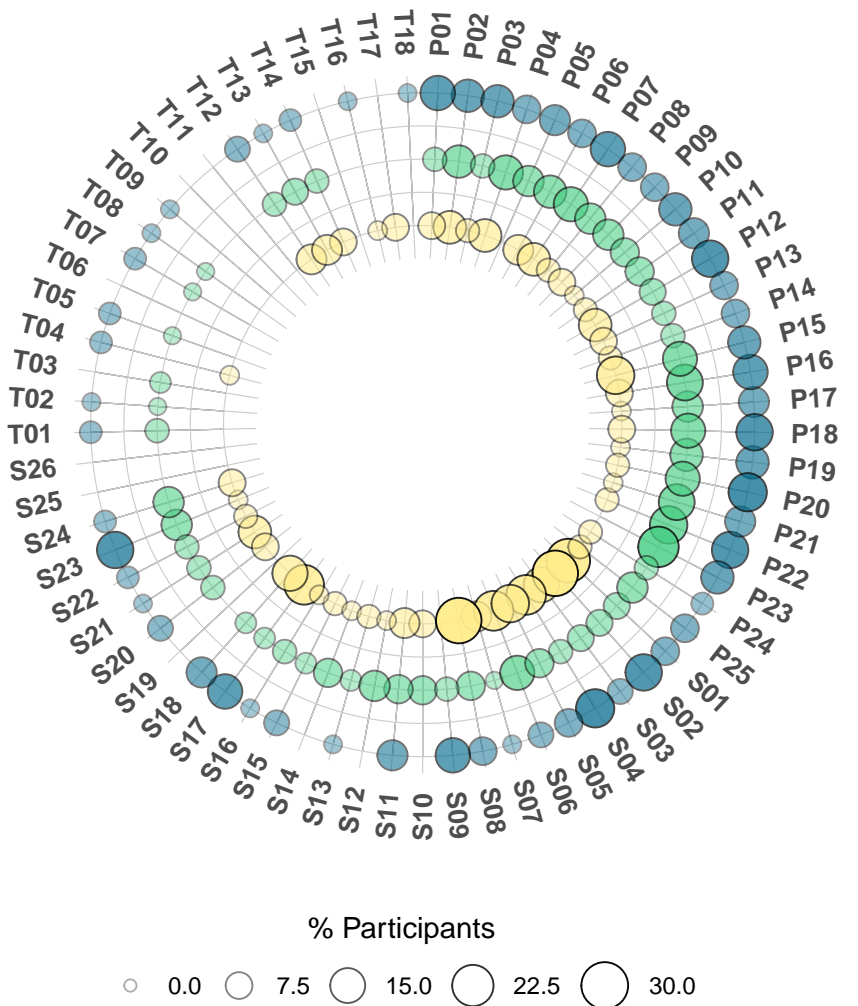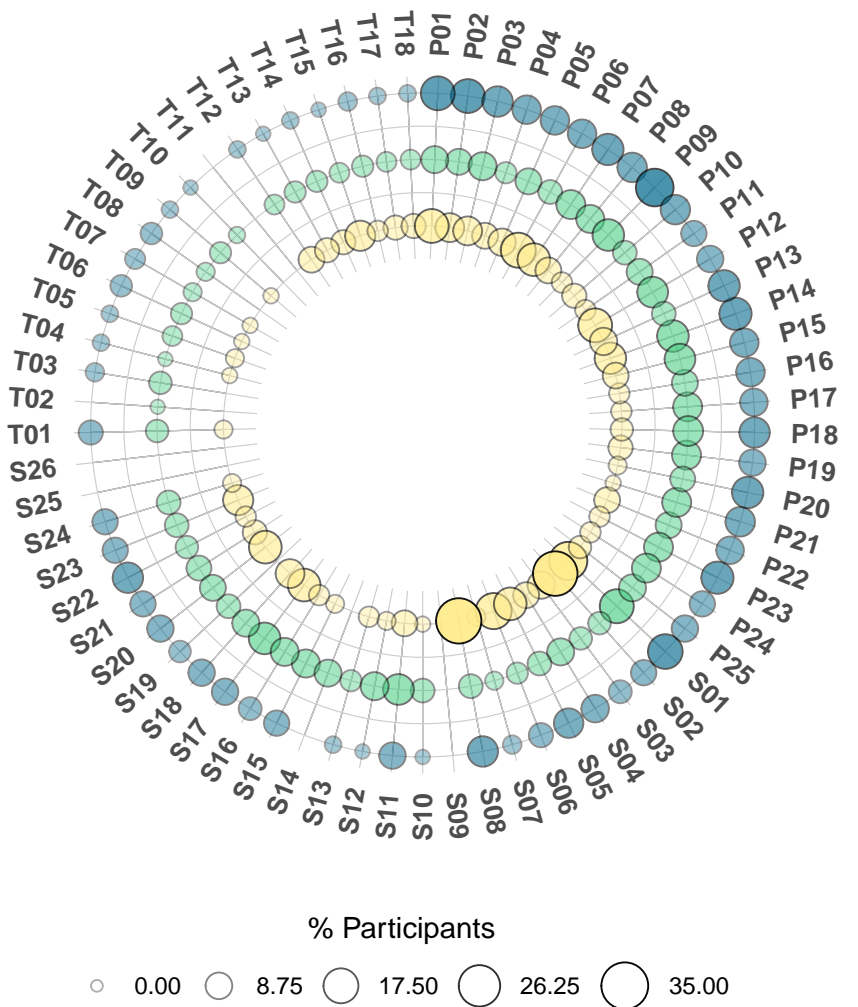**Studying**
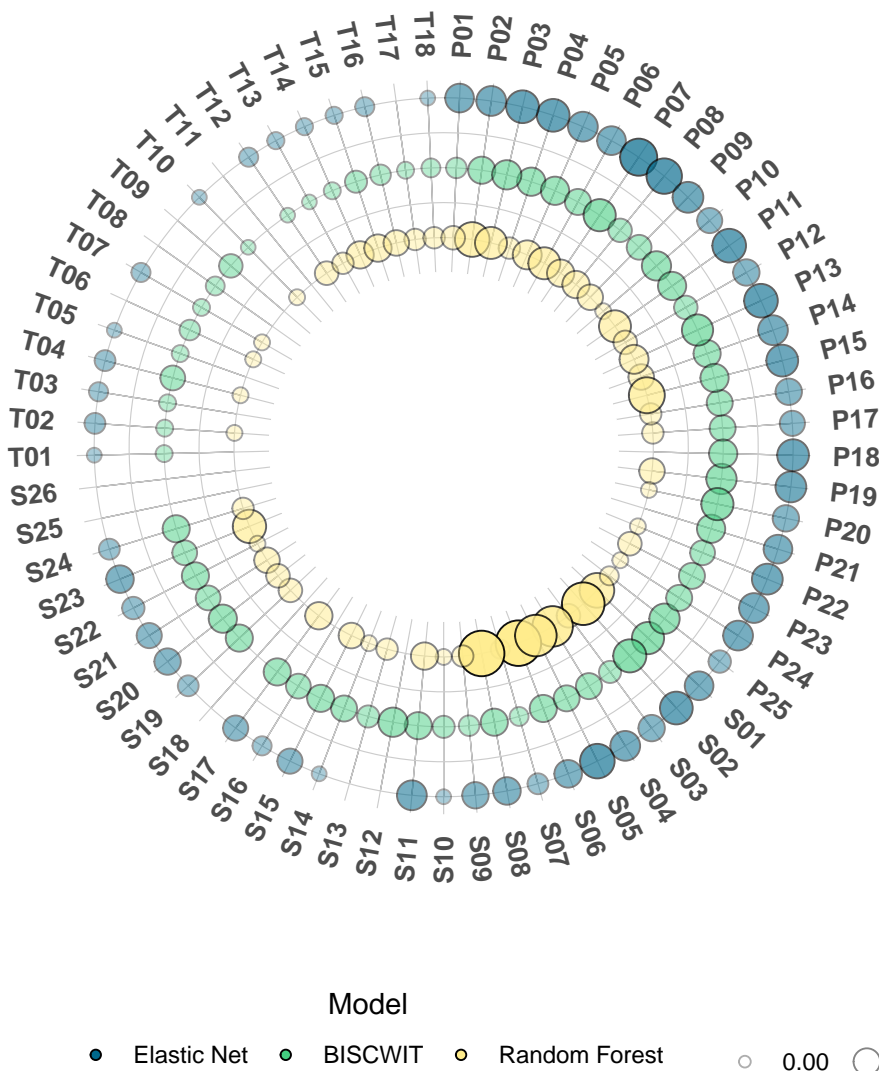
% Participants
0.00　　8.75　　17.50　　26.25　　35.00

Tired

P01: Extraversion: Sociability
P02: Extraversion: Assertiveness
P03: Extraversion: Energy Level
P04: Agreeableness: Compassion
P05: Agreeableness: Respectfulness
P06: Agreeableness: Trust
P07: Conscientiousness: Organization
P08: Conscientiousness: Productiveness
P09: Conscientiousness: Responsibility
P10: Neuroticism: Anxiety
P11: Neuroticism: Depression
P12: Neuroticism: Emotional Volatility
P13: Openness: Intellectual Curiosity
P14: Openness: Aesthetic Sensitivity
P15: Openness: Creative Imagination
P16: Negative: Angry
P17: Negative: Afraid
P18: Positive: Happy
P19: Positive: Excited
P20: Positive: Proud
P21: Negative: Guilty
P22: Positive: Attentive
P23: Positive: Content
P24: Neutral: Purposeful
P25: Neutral: Goal-directed
S01: Duty
S02: Intellect
S03: Adversity
S04: Mating
S05: pOsitivity
S06: Negativity
S07: Deception
S08: Sociality
S09: Studying
S10: Argument
S11: Interacted
S12: Lost something
S13: Late
S14: Forgot something
S15: Bored with schoolwork
S16: Excited about schoolwork
S17: Anxious about schoolwork
S18: Tired
S19: Sick
S20: Sleeping
S21: In Class
S22: Listening to music
S23: On the internet
S24: Watching TV
S25: Procrastinated
S26: Felt lonely
T01: Monday
T02: Tuesday
T03: Wednesday
T04: Thursday
T05: Friday
T06: Saturday
T07: Sunday
T08: Morning
T09: Midday
T10: Evening
T11: Night
T12: Linear Trend
T13: Quadratic Trend
T14: Cubic Trend
T15: 24 hour Sinusoidal Cycle
T16: 12 hour Sinusoidal Cycle
T17: 24 hour Cosinusoidal Cycle
T18: 12 hour Cosinusoidal Cycle

Model
● Elastic Net　● BISCWIT　○ Random Forest

% Participants
0.00　　8.75　　17.50　　26.25　　35.00