

EV: Use of sleep aids

Unknown EV #2

Unknown EV #1

EV: Usual coffee consumption

Unknown EV #3

EV: Stress level

EV: Amount of sleep last night

Belief about  
caffeine content  
of beverage

Observed differences  
in participants'  
alertness

Shield of randomization  
and manipulation

Shield of randomization and manipulation

Belief about  
caffeine content  
of beverage

Observed differences  
in participants'  
alertness

Almost non-existent shield of manipulation  
(without randomization)

Belief about  
caffeine content  
of beverage

Observed differences  
in participants'  
alertness