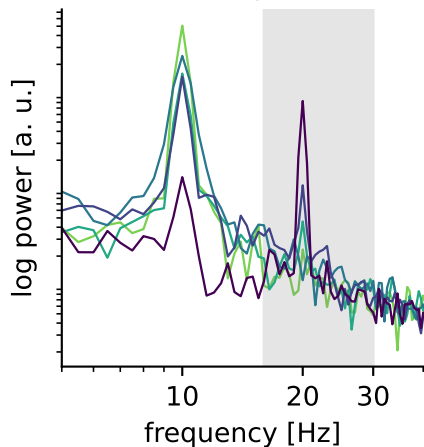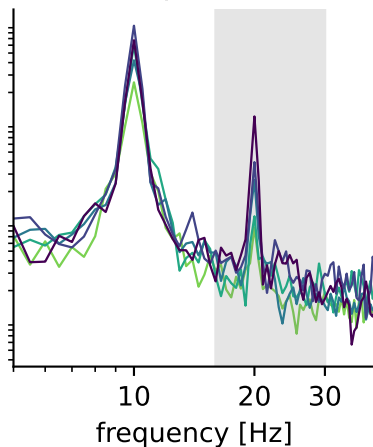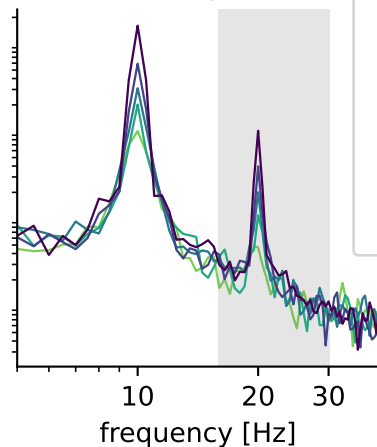**case 1**
beta is anticorrelated to alpha

case 2
beta & alpha are independent

case 3
beta is a harmonic of alpha

percentile spectrum
segments sorted by
beta-power (16–30)

top 20%
segments

lowest 20%
segments

log power [a. u.]

frequency [Hz]