

Table Questionnaires for chronotype

Name	Questions	Variables	Evaluation & Classification
MEQ	19 items	<ul style="list-style-type: none"> ● Sleep and wake-up times ● Preferred times for physical and Mental activity ● Subjective alertness 	Definitely morning type 70-86 Moderately morning type 59-69 Intermediate type 42-58 Moderately evening type 31-41 Definitely evening type 16-30
MCTQ	29 items	(workdays and work-free days) <ul style="list-style-type: none"> ● SO_w/SO_f ● GU_w/GU_f ● SD_w/SD_f ● TBT_w/TBT_f ● MSW/MSF 	MSFsc
CSM	13 items	<ul style="list-style-type: none"> ● Activity planning ● Morning alertness ● Evening alertness 	Morning Type 44-55 Intermediate Type 23-43 Evening Type 13-22

SO: sleep onset; GU: local time of getting out of bed; SD: sleep duration; TBT: total time in bed; MS: mid-sleep. MSFsc: the mid-sleep on work-free days corrected for “oversleep” due to the sleep debt accumulated during the workdays, calculation: If $SD_f \leq SD_w$, $MSFsc = MSF$ or If $SD_f > SD_w$, $MSFsc = MSF - (SD_f - SD_w)/2$. The categorization of chronotype by using MCTQ is based on quantile of the MSFsc scores in samples.