

Supplemental Material S5. Clinical factors (7 variables).

Variable	Questionnaire	Number of items/ Response options	Score
Anxiety	General Anxiety Disorders (GAD-7)	7-items 4-point scale with “not at all” (score of 0) to “nearly every day” (score of 3)	Higher number indicates more severe anxiety (scores range between 0–21). The total score is interpreted as follows: <ul style="list-style-type: none"> ▪ 0–4: minimal anxiety ▪ 5–9: mild anxiety ▪ 10–14: moderate anxiety ▪ 15–21: severe anxiety Split into dichotomous variables (≤ 9 no anxiety and > 9 anxiety)
Depression	Patient Health Questionnaire (PHQ-9)	9-items 4-point scale with “not at all” (score of 0) to “nearly every day” (score of 3)	Higher number indicates more severe depression (scores range between 0–27). The total score is interpreted as follows: <ul style="list-style-type: none"> ▪ 5–9: mild depression ▪ 10–14: moderate ▪ 15–19: moderately severe ▪ 20–18: severe depression Split into dichotomous variables (≤ 14 no depression and > 14 depression)
Insomnia	Insomnia Severity Index (ISA)	7-item 5-point scale with “no problem” (score of 0) to “very severe problem” (score of 4)	Higher number indicates more severe insomnia (scores range between 0–28). The total score is interpreted as follows: <ul style="list-style-type: none"> ▪ 0–7: not clinically significant ▪ 8–14: subthreshold insomnia ▪ 15–21: clinical insomnia (moderate severity) ▪ 22–28: clinical insomnia (severe degree) Split into dichotomous variables (≤ 14 no insomnia and > 15 insomnia)
Hyperacusis	Hyperacusis Questionnaire (HQ)	14-items 4-point scale with “no” (score of 0) to “yes, a lot” (score of 3)	Higher number more severe hyperacusis (scores range between 0–42). The total score is interpreted as follows: <ul style="list-style-type: none"> ▪ >28: strong hypersensitivity Split into dichotomous variables (≤ 28 no hyperacusis and > 28 hyperacusis)

Hearing disability	Hearing Handicap Inventory for Adults – Screening (HHIA-S)	10-items 3-point scale with “yes” (score of 4) to “no” day (0)	Higher number more severe hearing disability (scores range between 0–40). The total score is interpreted as follows: <ul style="list-style-type: none"> ▪ 0–8: no hearing disability ▪ 10–24: mild to moderate hearing disability ▪ 26–40: severe hearing disability Split into dichotomous variables (≤ 8 no hearing disability and ≥ 10 hearing disability)
Cognitive failures	Cognitive Failures Questionnaire (CFQ)	25-items 5-point scale with “never” (score of 0) to “very often” (score of 4)	Higher scores indicate more difficulties (cognitive failures) in perception, memory, and motor function (score range 0–100). The total score is interpreted as follows: The scores range 0–100 with higher scores indicating more cognitive failures/problems (or reduced cognitive functioning). Split into dichotomous variables (≤ 32 no cognitive problems and > 32 cognitive problems)
Life satisfaction	Satisfaction with Life Scale (SWLS)	5-items 7-point scale with “strongly disagree” (score of 1) to “strongly agree” (7)	Higher number indicated more satisfaction with life (scores range between 5–35). The total score is interpreted as follows: <ul style="list-style-type: none"> ▪ 0–9: extremely dissatisfied ▪ 10–14: dissatisfied ▪ 15–19: below average satisfaction ▪ 20–24: average satisfaction ▪ 25–29: high satisfaction ▪ 30–35: highly satisfied Split into dichotomous variables (≤ 19 life satisfaction and > 19 high satisfaction)