**Table 3**. Results of factor analysis stratified by diagnosis group

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Symptom*** | ***Factor 1*** | ***Factor 2*** | ***Factor 3*** | ***Factor 4*** |
| ***MCI (49.4% explained variance)*** |
| Appetite/EatingApathyDepressionMotor disturbanceAnxietyNighttime behaviorsElation/EuphoriaDisinhibitionAgitation/AggressionIrritability/LabilityHallucinationsDelusions | 0.6330.6290.6240.5530.5540.4660.0650.2080.2260.3870.0310.031 | 0.0770.2490.0840.160-0.0360.2380.7230.7170.5890.5160.0010.428 | -0.0460.1440.363-0.1160.5040.166-0.1490.1180.3220.2850.7700.646 |  |
| % explained variance | 30.5 | 9.7 | 9.1 |  |
| Cronbach’s alpha | 0.697 | 0.663 | 0.525 |  |
| ***Mild AD (47.7% explained variance)*** |
| DepressionAnxietyAppetite/EatingApathyNighttime behaviorsMotor disturbanceDisinhibitionElation/EuphoriaIrritability/LabilityAgitation/AggressionHallucinationsDelusions | 0.7130.6460.6320.5300.3970.3820.160-0.0970.3490.3320.0860.135 | 0.1000.142-0.0120.3430.0820.3750.7430.6740.6020.513-0.0130.287 | 0.1190.1320.088-0.0520.265-0.0240.1630.0100.1340.3530.8290.733 |  |
| % explained variance | 29.1 | 9.3 | 9.2 |  |
| Cronbach’s alpha | 0.644 | 0.645 | 0.519 |  |
| ***Moderate/Severe AD (58.1 explained variance)*** |
| DisinhibitionApathyAgitation/AggressionAppetite/EatingIrritability/LabilityNighttime behaviorsHallucinationsDelusionsDepressionAnxietyElation/EuphoriaMotor disturbance | 0.6730.6340.6290.5810.5540.414-0.0230.3110.2440.0530.0140.224 | 0.168-0.0050.419-0.1810.2540.2720.8440.7860.1470.1240.0230.091 | -0.2090.3120.0350.3270.1990.2560.1190.1160.7920.780-0.0300.271 | 0.2000.037-0.016-0.0460.2560.1100.127-0.013-0.0100.1920.8770.554 |
| % explained variance | 29.6 | 10.5 | 9.1 | 8.9 |
| Cronbach’s alpha | 0.691 | 0.665 | 0.652 | 0.239  |