**Table 1:** Factors influencing DMT acceptance (general public)

|  |  |  |  |
| --- | --- | --- | --- |
| Variable | Variable Description | *n*=1000 (%) | |
| *DMT Acceptance* |  |  | |
| Likelihood of acceptance | Extremely unlikely | 91 (9.10%) | |
|  | Unlikely | 163 (16.30%) | |
|  | Neither likely or unlikely | 262 (26.20%) | |
|  | Likely | 336 (33.60%) | |
|  | Very unlikely | 148 (14.80%) | |
|  |  |  | |
| *Factors Influencing DMT Acceptance* | | | |
| Risk of brain bleed | Strongly disagree | 91 (9.10%) | |
|  | Disagree | 180 (18.00%) | |
|  | Neither agree or disagree | 205 (20.50%) | |
|  | Agree | 413 (41.30%) | |
|  | Strongly agree | 111 (11.10%) | |
|  |  |  | |
| Modest effect of treatment | Strongly disagree | 67 (6.70%) | |
|  | Disagree | 180 (18.00%) | |
|  | Neither agree or disagree | 242 (24.20%) | |
|  | Agree | 418 (41.80%) | |
|  | Strongly agree | 93 (9.30%) | |
|  |  |  | |
| Monthly attendance | Strongly disagree | 58 (5.80%) | |
|  | Disagree | 87 (8.70%) | |
|  | Neither agree or disagree | 150 (15.00%) | |
|  | Agree | 485 (48.50%) | |
|  | Strongly agree | 220 (22.00%) | |
|  |  |  | |
| Long travel time | Strongly disagree | 76 (7.60%) | |
|  | Disagree | 135 (13.50%) | |
|  | Neither agree or disagree | 204 (20.40%) | |
|  | Agree | 407 (40.70%) | |
|  | Strongly agree | 178 (17.80%) | |
|  |  |  | |
| Research ongoing | Strongly disagree | 90 (9.00%) | |
|  | Disagree | 171 (17.10%) | |
|  | Neither agree or disagree | 221 (22.10%) | |
|  | Agree | 418 (41.80%) | |
|  | Strongly agree | 100 (10.00%) | |
|  |  |  | |
| Individual's overall health | Strongly disagree | 29 (2.90%) | |
|  | Disagree | 49 (4.90%) | |
|  | Neither agree or disagree | 162 (16.20%) | |
|  | Agree | 515 (51.50%) | |
|  | Strongly agree | 245 (24.50%) | |
| AD stage | Strongly disagree | 25 (2.50%) |
|  | Disagree | 50 (5.00%) |
|  | Neither agree or disagree | 156 (15.60%) |
|  | Agree | 519 (51.90%) |
|  | Strongly agree | 250 (25.00%) |
|  |  |  |
| Cost to individual | Strongly disagree | 44 (4.40%) |
|  | Disagree | 105 (10.50%) |
|  | Neither agree or disagree | 193 (19.30%) |
|  | Agree | 348 (34.80%) |
|  | Strongly agree | 310 (31.00%) |
|  |  |  |
| Most important factor | Distance to clinic | 229 (22.90%) |
|  | Cost to individual | 211 (21.10%) |
|  | Time needed to receive treatment | 145 (14.50%) |
|  | Effectiveness of drug | 139 (13.90%) |
|  | Clinician recommendation | 77 (7.70%) |
|  | Side effects of treatment | 62 (6.20%) |
|  | Individual's degree of memory impairment | 54 (5.40%) |
|  | Research evidence behind treatment | 42 (4.20%) |
|  | Individual's risk of AD | 41 (4.10%) |
|  |  |  |

**Table 2:** Factors influencing DMT acceptance (healthcare professionals)

|  |  |  |
| --- | --- | --- |
| Variable | Variable Description | *n*=77 (%) |
| *DMT Acceptance* |  |  |
| Likelihood of acceptance | Extremely unlikely or unlikely | 12 (15.59) |
|  | Neither likely or unlikely | 15 (19.48) |
|  | Likely or very likely | 50 (64.94) |
|  |  |  |
| *Factors Influencing DMT Acceptance* | | |
| Risk of brain bleed | Agree | 54 (70.13) |
|  | Disagree or unsure | 23 (29.87) |
|  |  |  |
| Modest effect | Agree | 52 (67.53) |
|  | Disagree or unsure | 25 (32.47) |
|  |  |  |
| Monthly attendance | Agree | 64 (82.12) |
|  | Disagree or unsure | 13 (16.88) |
|  |  |  |
| Long travel time | Agree | 54 (70.13) |
|  | Disagree or unsure | 23 (29.87) |
|  |  |  |
| Research ongoing | Agree | 47 (61.04) |
|  | Disagree or unsure | 30 (38.96) |
|  |  |  |
| Individual’s overall health | Agree | 56 (72.73) |
|  | Disagree or unsure | 21 (27.27) |
|  |  |  |
| Alzheimer’s stage | Agree | 56 (72.73) |
|  | Disagree or unsure | 21 (27.27) |
|  |  |  |
| Cost to individual | Agree | 47 (61.04) |
|  | Disagree or unsure | 30 (38.96) |
|  |  |  |
| Most important factor | Effectiveness of drug | 47 (61.04) |
|  | Side effects of treatment | 8 (10.39) |
|  | Individual’s risk of Alzheimer’s | 7 (9.09) |
|  | Distance to clinic | 4 (5.19) |
|  | Research evidence behind treatment | 3 (3.90) |
|  | Time needed to receive treatment | 3 (3.90) |
|  | Cost to individual | 3 (3.90) |
|  | Individual’s degree of memory impairment | 1 (1.30) |
|  | Clinician recommendation | 1 (1.30) |
|  |  |  |

**Table 3:** Willingness-to-Pay Analysis, Generalised Linear Model with Poisson Distribution and Log-Link Function (general public)

|  |  |
| --- | --- |
| Variable | Coefficient |
|  |  |
| Age category: 18-24 years | 0.675 (0.320) \*\* |
| Age category: 25-34 years | 0.314 (0.293) |
| Age category: 35-44 years | 0.307 (0.296) |
| Age category: 45-54 years | 0.0816 (0.302) |
| Age category: 55-64 years | -0.0874 (0.304) |
| Age category: 65+ years | *Ref* |
|  |  |
| Gender: Female | -0.105 (0.0791) |
|  |  |
| Marital status: Single | -0.00273 (0.0927) |
| Marital status: Married/Living together | *Ref* |
| Marital status: Divorced/Separated | -0.0370 (0.285) |
| Marital status: Widowed | 0.0954 (0.358) |
|  |  |
| Education: Some post-primary or Less | 0.00895 (0.302) |
| Education: Leaving Certificate | -0.0273 (0.138) |
| Education: Non-degree | -0.452 (0.116)\*\*\* |
| Education: Bachelor's degree | -0.133 (0.0916) |
| Education: Masters or PhD | *Ref* |
|  |  |
| Employment status: Employed or self employed | *Ref* |
| Employment status: Retired | -0.0816 (0.293) |
| Employment status: Student | -0.197 (0.178) |
| Employment status: Looking after home or family | 0.00599 (0.167) |
| Employment status: Long-term sick or disabled | -0.373 (0.335) |
| Employment status: Unemployed | 0.265 (0.386) |
|  |  |
| Region: Dublin city and county | *Ref* |
| Region: Rest of Leinster | 0.0795 (0.0972) |
| Region: Munster | 0.0153 (0.0933) |
| Region: Connaught & part of Ulster | -0.112 (0.121) |
|  |  |
| Private health insurance | 0.286 (0.0866)\*\*\* |
|  |  |
| Health care professional | 0.204 (0.139) |
|  |  |
| Care partner of person with AD / dementia | 0.196 (0.119)\* |
| Knows someone with AD / dementia | -0.0172 (0.0911) |
| Family history of AD / dementia | -0.0520 (0.0800) |
| Knowledgeable regarding AD | 0.135 (0.0859) |
| Understands available AD treatments | -0.111 (0.114) |
|  |  |
| Accept DMT: Very likely | *Ref* |
| Accept DMT: Likely | -0.0446 (0.109) |
| Accept DMT: Neither likely or unlikely | -0.486 (0.119)\*\*\* |
| Accept DMT: Unlikely | -0.622 (0.150)\*\*\* |
| Accept DMT: Extremely unlikely | -0.986 (0.205)\*\*\* |
|  |  |
| Constant | 8.560 (0.327)\*\*\* |
|  |  |
| Observations | 984 |
|  |  |
| Log likelihood | -2929615.65 |
| AIC | 5954.57 |
| BIC | 5845782 |

Standard errors in parentheses. \*\*\* p<0.01, \*\* p<0.05, \* p<0.1.