**Supplementary file 2 Table. Association between variables potentially influencing health technology assessment recommendations and the type of recommendation.**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Variable (percentages in rows) | | Recommendation type (percentages in rows) | | | |
| No / No changes | Conditional | Unconditional | p-value (χ2 test) to evaluate the independence between the HTA recommendations and the potential variables that influence recommendations |
| Relative Efficacy | Unproven / Lower than comparator | 47 (95.92%) | 2 (4.08%) | 0 (0%) | <0.0001 meaning there is a strong evidence of dependence |
| The same as comparator | 27 (29.35%) | 47 (51.09%) | 18 (19.57%) |
| Higher than comparator | 16 (13.11%) | 52 (42.62%) | 54 (44.26%) |
| Efficacy | Unacceptable | 38 (97.44%) | 1 (2.56%) | 0 (0%) | <0.0001 meaning there is a strong evidence of dependence |
| Acceptable | 48 (22.02%) | 100 (45.87%) | 70 (32.11%) |
| Safety | Unacceptable | 22 (73.33%) | 7 (23.33%) | 1 (3.33%) | <0.0001 meaning there is a strong evidence of dependence |
| Acceptable | 58 (26.85%) | 92 (42.59%) | 66 (30.56%) |
| Cost of therapy | Unacceptable | 28 (35.44%) | 48 (60.76%) | 3 (3.80%) | <0.0001 meaning there is a strong evidence of dependence |
| Acceptable | 6 (24%) | 6 (24%) | 13 (52%) |
| Cost-utility | Unacceptable | 33 (55.93%) | 24 (40.68%) | 2 (3.39%) | <0.0001 meaning there is a strong evidence of dependence |
| Acceptable | 19 (28.79%) | 24 (36.36%) | 23 (34.85%) |
| Quality of HTA dossier submitted while application for reimbursement | Unacceptable | 54 (76.06%) | 16 (22.54%) | 1 (1.41%) | <0.0001 meaning there is a strong evidence of dependence |
| Acceptable | 37 (18.97%) | 86 (44.10%) | 72 (36.92%) |
| Recommendations issued by HTA agencies abroad | Unacceptable | 12 (52.17%) | 6 (26.09%) | 5 (21.74%) | 0.0838 meaning there is no evidence of dependence |
| Acceptable | 64 (29.63%) | 91 (42.13%) | 61 (28.24%) |
| Expert opinion | Unacceptable | 7 (77.78%) | 0 (0%) | 2 (22.22%) | 0.0018 meaning there is a evidence of dependence |
| Acceptable | 63 (28.38%) | 95 (42.79%) | 64 (28.83%) |