

Table 2 Multivariate probit model for cataracts (RR = relative risk, CI = confidence interval, SE = standard error)

| Covariate | Estimated prevalence of cataracts from model (%) | Parameter estimate (SE) | RR | 95% CI |
|---|--|----------------------------|-----------------|-------------|
| Age at diagnosis (per year) | | 0.15 (0.58) | 1.00 | 0.98 - 1.02 |
| Exchangeable dependence (familial correlation) | | 0.11 (0.15) | | |
| Type of <i>NF2</i> mutation | | | | |
| Nonsense or frameshift | | | | |
| Classical <i>NF2</i> | 45 | Reference group | Reference group | |
| Somatic mosaic | 17 | -0.82 (0.18) | 0.20 | 0.10 - 0.40 |
| Splice-site | 39 | -0.17 (0.19) | 0.71 | 0.34 - 1.50 |
| Missense | 28 | -0.48 (0.26) | 0.38 | 0.14 - 1.08 |
| Large deletion | 28 | -0.47 (0.23) | 0.39 | 0.16 - 0.98 |
| Unfound | | | | |
| People with new mutations | | | | |
| Age at onset < 20 years | 39 | -0.15 (0.15) | 0.74 | 0.40 - 1.36 |
| Age at onset \geq 20 years | 9 | -1.20 (0.28) | 0.09 | 0.03 - 0.28 |
| Inherited cases | 36 | -0.23 (0.34) | 0.63 | 0.16 - 2.45 |