

**Table 2.** Summary results for *bmod1*.

| Parameters              | Mean  | SE   | L-B   | U-B  | Rhat | Bulk ESS | Tail ESS | pd   | % ROPE | H <sub>0</sub> |
|-------------------------|-------|------|-------|------|------|----------|----------|------|--------|----------------|
| $\alpha$                | 0.56  | 2.01 | -3.39 | 4.46 | 1.00 | 4395     | 2821     | 0.61 | 20     | Undecided      |
| $\beta_1$               | 0.23  | 0.12 | -0.00 | 0.46 | 1.00 | 3816     | 2748     | 0.97 | 100    | Accepted       |
| $\beta_{2\text{-IHE}}$  | -0.18 | 1.94 | -4.02 | 3.51 | 1.00 | 4789     | 2986     | 0.58 | 22     | Undecided      |
| $\beta_{2\text{-LHTL}}$ | 2.66  | 0.48 | 1.71  | 3.59 | 1.00 | 4809     | 2168     | 1.00 | 0      | Rejected       |

SE means standard error; L-B / U-B, 95% CrI; Rhat, potential scale reduction factor; pd, probability of direction. % ROPE, percentage of full posterior probability distribution in ROPE; H<sub>0</sub>, Decision about null hypothesis.