

**Figure 7.5** Possible models for the presence of pits in squares [1,2], [2,2], and [3,1]. The KB corresponding to the observations of nothing in [1,1] and a breeze in [2,1] is shown by the solid line. (a) Dotted line shows models of  $\alpha_1$  (no pit in [1,2]). (b) Dotted line shows models of  $\alpha_2$  (no pit in [2,2]).