4 Choices: 1/5, 2/5, 3/5, 4/5. Indifference: 0.3, 0.5, 0.7.

$H^4$  0.83→4/5 †

$H^3$  0.80→4/5

$H^3L$  0.67→3/5 −

$H^3L$  0.67→3/5 −

$H^2$  0.75→4/5

$H^2L$  0.60→3/5 [†]

$H^2L^2$  0.50→[23]/5 †

$H^3L$  0.67→3/5 −

$H^2L$  0.60→3/5 [†]

$H^2L^2$  0.50→[23]/5 †

$HL$  0.50→[23]/5

$H^2L^2$  0.50→[23]/5 †

$HL^2$  0.40→2/5 [†]

$HL^3$  0.33→2/5 −

0.67→3/5

$HL$

start

$H$

$H^3L$  0.67→3/5 −

$H^2L$  0.60→3/5 [†]

$H^2L^2$  0.50→[23]/5 †

$HL$  0.50→[23]/5

$H^2L^2$  0.50→[23]/5 †

$HL^2$  0.40→2/5 [†]

$HL^3$  0.33→2/5 −

$L$

0.33→2/5

$H^2L^2$  0.50→[23]/5 †

$HL^2$  0.40→2/5 [†]

$HL^3$  0.33→2/5 −

$L^2$

0.25→1/5

$HL^3$  0.33→2/5 −

$L^3$  0.20→1/5

$L^4$  0.17→1/5 †
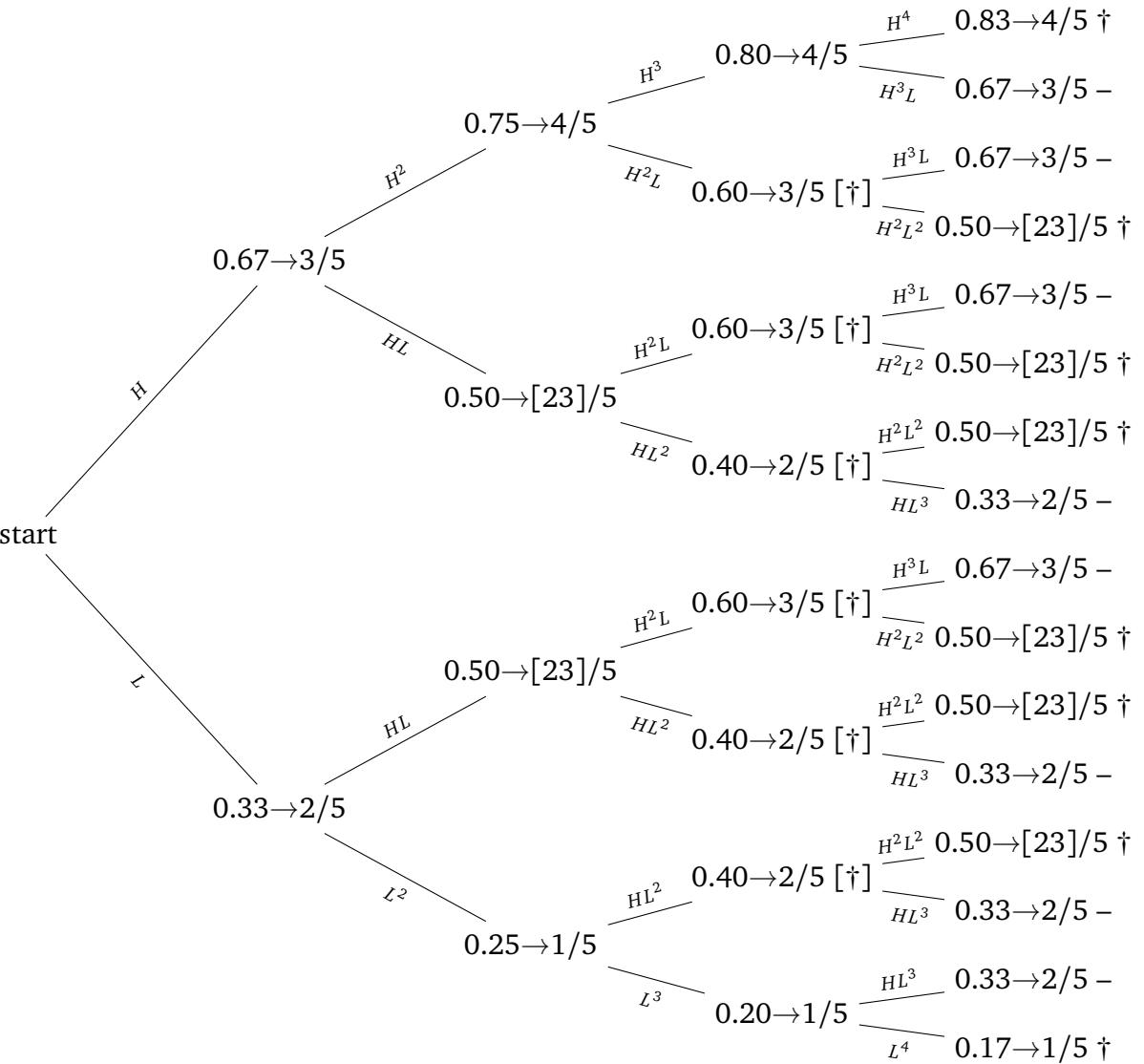
The choices are spaced narrowly enough that the third agent will have a perfect choice given her signal inference.