

| | P(a' _u colour, a _m) | | | | | | | | |
|--------|---|--------------|------------|---------|--|--|---------|--|------------------|
| Values | colour=red | | | colour= | | | colour= | | |
| | a _m = | ••• | ••• | ••• | | | | | |
| yes | θι | θ_2 | θ_3 | | | | | | θ_{n^2} |
| no | Ι-θι | $I-\theta_2$ | Ι-θ3 | | | | | | $1-\theta_{n^2}$ |



Partitioning

| Values | P(a' _u colour, a _m) | | | | | |
|--------|---|--|--|--|--|--|
| | $\exists c: colour=c \land a_m=VerifyColour(c)$ | $\exists c: colour = c \land a_m \neq VerifyColour(c)$ | | | | |
| yes | θι | θι | | | | |
| no | Ι-θι | $I-\theta_2$ | | | | |