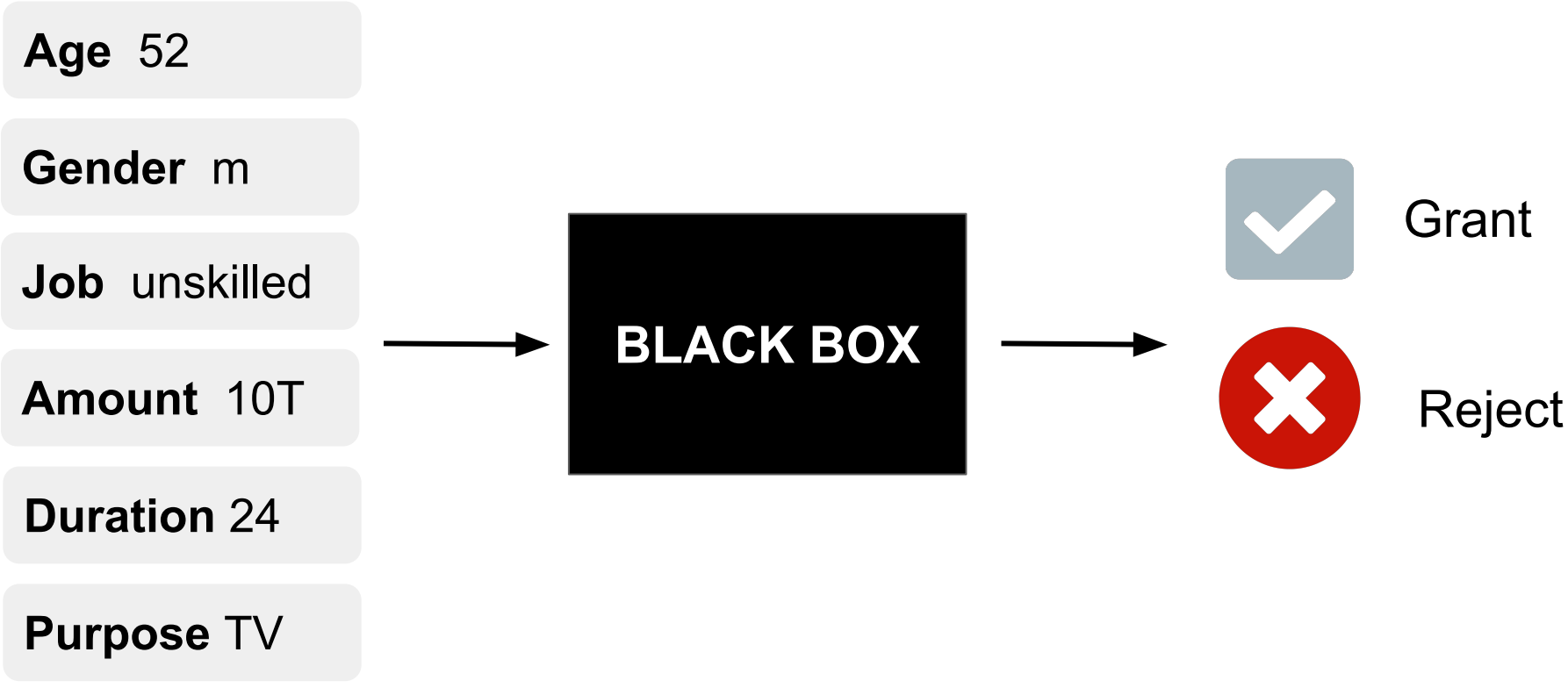
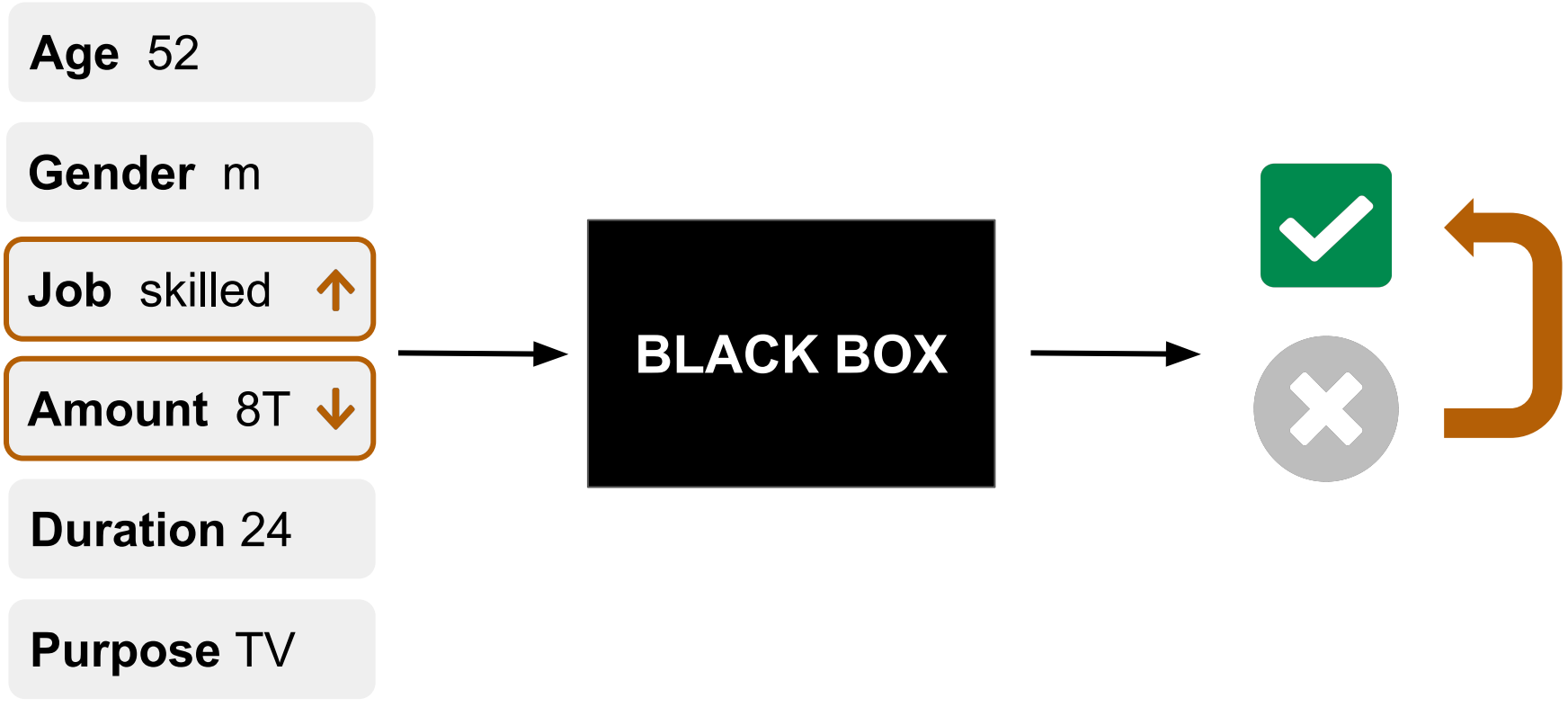
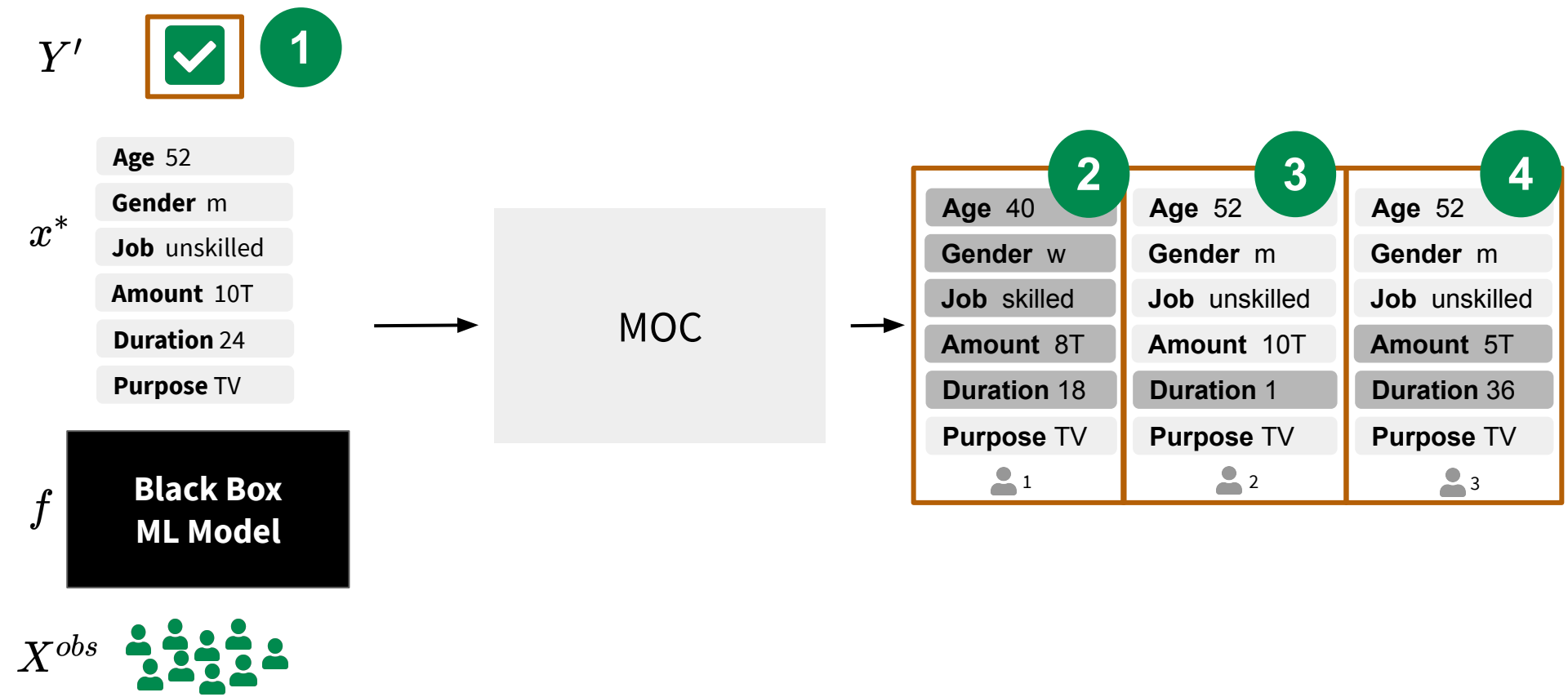
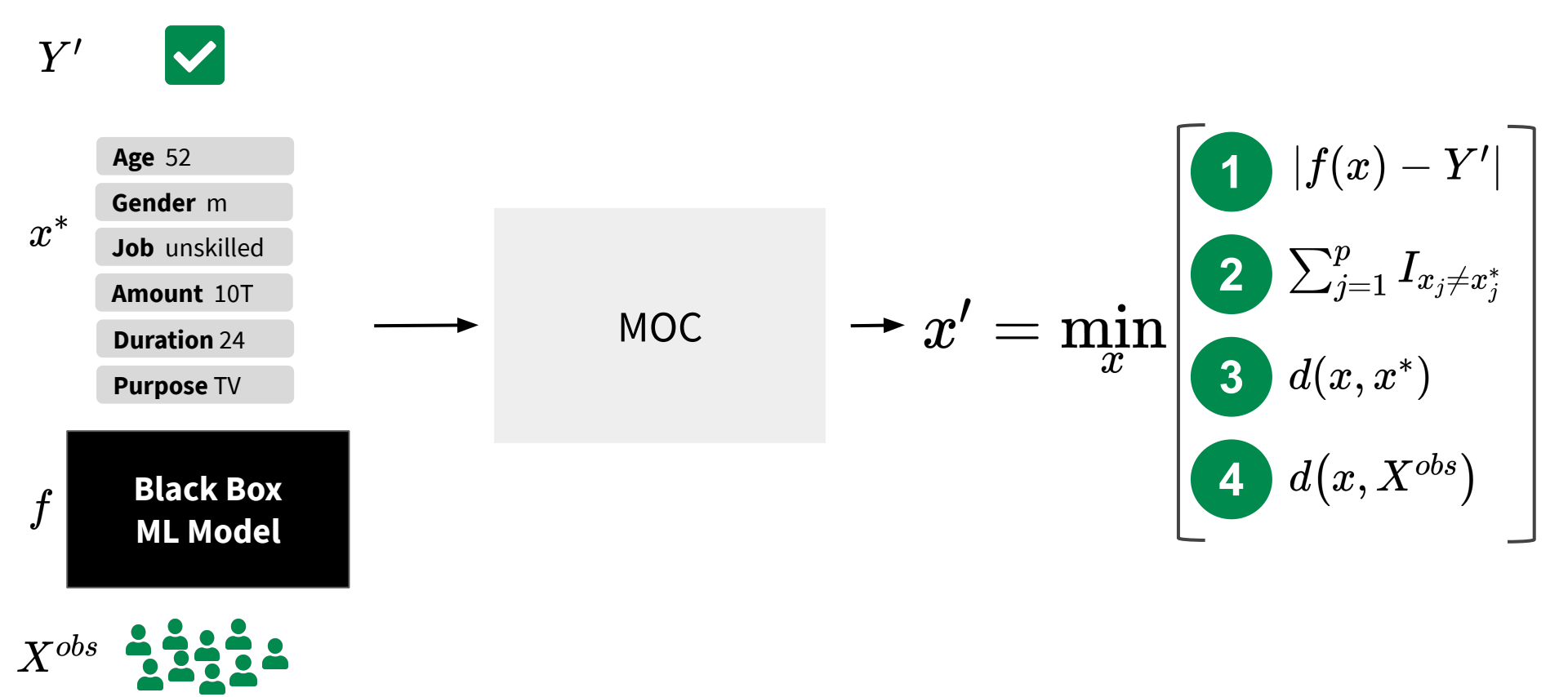

Age 52
Gender m
Job unskilled
Amount 10T
Duration 24
Purpose TV
BLACK BOX
Grant
Reject


Age 52
Gender m
Job skilled
Amount 8T
Duration 24
Purpose TV
BLACK BOX


Y'
1
x^*
Age 52
Gender m
Job unskilled
Amount 10T
Duration 24
Purpose TV
MOC
2
Age 40
Gender w
Job skilled
Amount 8T
Duration 18
Purpose TV
1
3
Age 52
Gender m
Job unskilled
Amount 10T
Duration 1
Purpose TV
2
4
Age 52
Gender m
Job unskilled
Amount 5T
Duration 36
Purpose TV
3
f
Black Box
ML Model
X^{obs}


Y'
x^*
Age 52
Gender m
Job unskilled
Amount 10T
Duration 24
Purpose TV
f
Black Box ML Model
X^{obs}
MOC
$x' = \min_x$
1 $|f(x) - Y'|$
2 $\sum_{j=1}^{p} I_{x_j \neq x_j^*}$
3 $d(x, x^*)$
4 $d(x, X^{obs})$