. The supply from 0: 5, = PN/2. This is because they have cars ranging in value from 0 to 2. When p=0, S=0. When p=2, S= N. The average quality $\mu = f/2$.

dem and

 $\begin{cases} V_2 = V_2/\rho, & 3M/2 > \rho \\ V_2 = 0, & 3\mu/2 < \rho \end{cases}$ $\begin{cases} V_2 = V_2/\rho, & 3\mu/2 < \rho \\ V_2 = 0, & 3\mu/2 < \rho \end{cases}$ $\begin{cases} V_1 + V_2 / \rho, & \rho < \mu \\ V_2/\rho, & \mu < \rho < 3\mu/2 \\ O, & \rho > 3\mu/2 \end{cases}$ In total: $D(\rho, \mu) = \begin{cases} V_2/\rho, & \mu < \rho < 3\mu/2 \\ O, & \rho > 3\mu/2 \end{cases}$

But because $\mu = P/2$, no trade can happen.

Symmetric information -> quality ~ U(0,2) i.e cars worth 1

S(p) = N, p>1 } Q will sell if they can get a return. S(p) = Q, p < 1

 $D_1 = \begin{cases} Y_1/\rho, & \rho \geq 1 \\ 0, & \rho > 1 \end{cases}$ $D_2 = \begin{cases} Y_2/\rho, & \rho \geq \frac{3}{2} \\ 0, & \rho > \frac{3}{2} \end{cases}$

 $D(p) = \begin{cases} (Y_1 + Y_2)/p, & p \le 1 \\ Y_2/p, & 1 \le p \le 3/2 \\ 0, & p > 3/2 \end{cases}$

Solving S(p)= P(p) $N = \frac{V_2}{\rho}$: $\rho = \frac{V_2}{n}$ in cause $1 \le \frac{3}{\rho} \ge \frac{3}{2}$

 $\Rightarrow P = \begin{cases} 1, & Y_2 \angle N \\ Y_2/N, & 2Y_2/3 \angle N \angle Y_2 \\ 3/2, & N \angle 2Y_2/3 \end{cases}$

Examples in other areas

- · Insurance:
 - asymmetry between insurers and individuals drives prices up unfil no body can buy insurance.
 - provides an argument in favour of a medicare system where everyone contributes their expected medical expenses.
- · Employers not hiring racial minorities
- · The economic cost of dishonesty
 - more of a problem in LDGs
 - merchants can recognize quality and thus profit, becoming the first entrepreneurs.
- · Credit markets:
 - ridiculously high interest rates to compensate the lender for high default risk

Counteraction

including educational certification

· Institutional quarantees, which transfer risk to the seller · Brand names give consumers a means of retaliation.