

1. (a) $r = 0.64$
(b) $r = -0.08$
(c) $r = -0.95$

2. -1 to 1

3. (a) - (f) : will not change

4. False. There is association.
 $r \approx 0$ implies there is
no linear association

5. (a) -0.73
(b) 0.88

6. (a) Ecological Correlation
(b) CAN'T SAY: cannot
make individual specific
conclusions from "state level" data.
To do so is called an "Ecological Fallacy".

any higher level