1.
$$u(1-\tau+s^*) > E[u(y+s^*)]$$

I take the insurance.

2.
$$CE = E(X) - RP$$

$$U(CE) = E[U(X)]$$

$$U(E(X) - RP) = E[U(X)]$$
(Slide 9)

Jensen's inequality:
$$U(E(x)) > E(u(x))$$

this implies our RP is positive.

From the question:

$$u(1-\tau+s^*) > \mathbb{E}[u(y+s^*)]$$

$$u(\mathbb{E}(y+s^*)-\tau) > \mathbb{E}[u(y+s^*)]$$

AND
$$U(E(y+s^*)-RP)=E[u(y+s^*)]$$

3. On prudence and risk aversion. n the (RRA setting PP) RP) T u(1-+5*) > [[u(y+5*)] from our work in 2. IE[y] = 1, and we had opping saving u(1-PP+s*) = E[u(y+s*)] (from slide 14) PP is now replaced with a smaller t then u'(co) = u'cc.) (from optimality) here u'(co) = E[u'(y+s+)] = u'(1-pp+s*) OR when we replace PA with T · (1-t+s+) is larger than (1-PP+s+) . mu in c, decreases

(so now u'(co) > u'(co)). should be equal so we make consumption to in a decrease in squings.

Period 1, and shift it to the top of the squings. These should be equal, so we move consumption to raise mo results in a decrease in savings.

3. On prudence and risk aversion.

In the (RRA setting PP > RP > T from our work in 2.

as IE[y] = 1, and we had optimal saving

If PP is now replaced with a smaller I then

when we replace PP with T

- my in c, increases (so now u'(co) > u'(c.)).
- . These should be equal, so we move consumption to rate Mu of Ci.
- . This means we reduce consumption in period 1, and shift it to period 0, which results in a decrease in savings.