

**Solutions: Chapter 14**

**Problem 1.** See page A41. Why such transformations are useful?

**Problem 2.**

a)  $\hat{y} = -0.0334 + 0.9044 \cdot x$

b)  $\hat{x} = 0.0331 + 1.0550 \cdot y$

c) First line is different from the second  $y = -0.0314 + 0.9479 \cdot \hat{x}$ . This is explained by the 'Regression towards mediocrity' phenomenon.