Updates on the Book

1. Formula List Page 3, Chapter 3

✓ Variations:

1. $y = kx, k \neq 0$: y is directly proportional to x

2. $y = \dfrac{k}{x}, k \neq 0$: y is inversely proportional to x

2. Formula List Page 11, Chapter 16

$\int_{a}^{b} f(x)\mathrm{d}x$: Area under the graph of $f(x)$ and above the x-axis, between $x = a$ and $x = b$, where $f(x) \geq 0$

3. Formula List Page 16, Chapter 22

✓ Linear regression:

$y = ax + b$: Regression line of y on x

4. Set 4 Paper 2 Page 10, Question 3

(e) State whether the estimate in (d) overestimates or underestimates the area of R.