

## ERRATA

(The corrections are marked in **red**)

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- <sup>†</sup> p. 14, The caption of the second column of Table 1.2, “9nm” to be “**9nn**”
- <sup>†</sup> p. 120, the paragraph after equation (4.19) “If  $p > L + 1/2L$ ” to be “If  $p > (L + 1)/2L$ ”
- \* p. 128, equation (4.55) “ $\approx 0.250$ ” to be “ $\approx 0.**125**”$
- \* p. 138, The four pairs of classifiers produced by the tree construction algorithm: “(4,5), (5,2), (5,1), (2,3)” to be “(4,5), (5,**3**), (5,1), (2,3)”
- \* p. 138, Figure 4.5, Nodes  $s_2$  and  $s_3$  should swap places.
- <sup>†</sup> p. 145, Fig. 4.8, Text annotation: “First order **t**dependence tree” to be “First order dependence tree”
- <sup>†</sup> p. 168 The first paragraph in the example, “The subset of such classifiers is called and **d**  $\alpha$ -cut” to be “The subset of such classifiers is called an  $\alpha$ -cut”
- <sup>†</sup> p. 205, “The plots show that, as expected, the correlation between classifiers built on true independent samples is lower than that produced by boosting.” to be “The plots show that, as expected, the correlation between classifiers built on true independent samples is lower than that produced by **bagging**.”
- p. 227, the first term of equation (7.39)

$$= \frac{1}{2} \left( \sum_{\omega_i} (P(\omega_i|\mathbf{x}) - P(\omega_i|\mathbf{x}))^2 \right) \quad \text{to be} \quad = \frac{1}{2} \left( \sum_{\omega_i} (P(\omega_i|\mathbf{x}) - P_{\mathbf{D}}(\omega_i|\mathbf{x}))^2 \right)$$

- p. 300, equation (10.10)

$$\kappa_{i,j} = \frac{2(ac - bd)}{(a + b)(c + d) + (a + c)(b + d)} \quad \text{to be} \quad \kappa_{i,j} = \frac{2(ad - bc)}{(a + b)(\mathbf{b} + d) + (a + c)(c + d)}$$

- <sup>‡</sup> p. 302, equation (10.15)

$$E(a) = \frac{1}{2} \min\{a, 1 - a\} \quad \text{to be} \quad E(a) = \mathbf{2} \min\{a, 1 - a\}$$

- \* p. 327, A line of code is missing from the function Pareto - indicated in red below.

```
P = [P;X(i,:)] ; % Add X(i,:)
set_of_indices = set_of_indices(~index_el);
et_of_indices = [set_of_indices;i];
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<sup>†</sup>Sam Ried

<sup>‡</sup>José María Martínez-Otzeta

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