Input data Z

Bill length	Bill depth	Flipper length	Sex
46.2	13.5	211	M
48.1	14.1	203	M
42.3	13.2	208	F

Feature ranking method ⟹

Feature ranking $\hat{\mathbf{w}}$

Feature name	Feature score
Flipper length	0.60
Bill length	0.25
Bill depth	0.10
Sex	0.05

Subset selection ⟹

Threshold:

$\varepsilon = 0.2$

score $\geq \varepsilon$

Feature subset X

Flipper length	Bill length
211	46.2
203	48.1
208	42.3