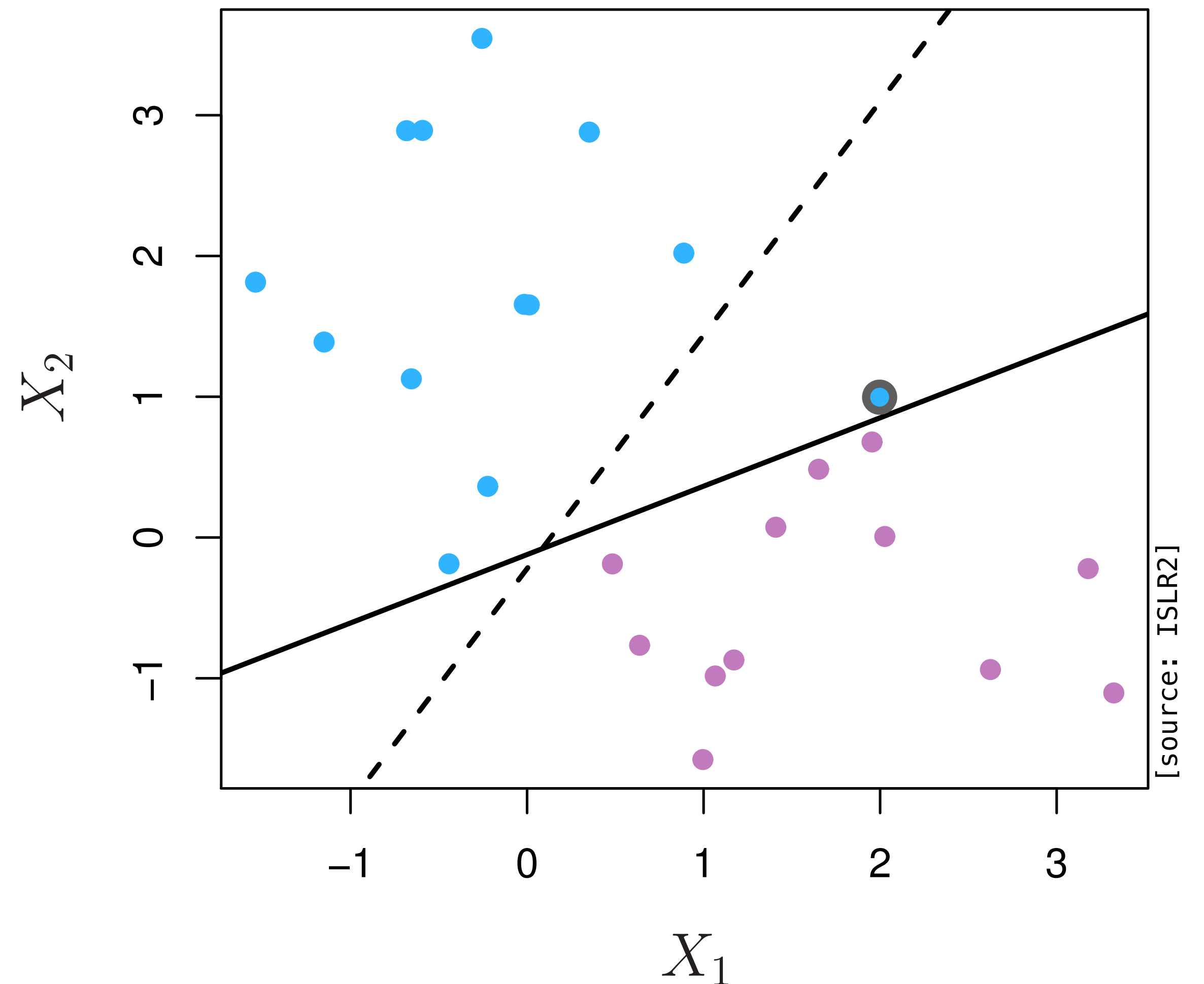
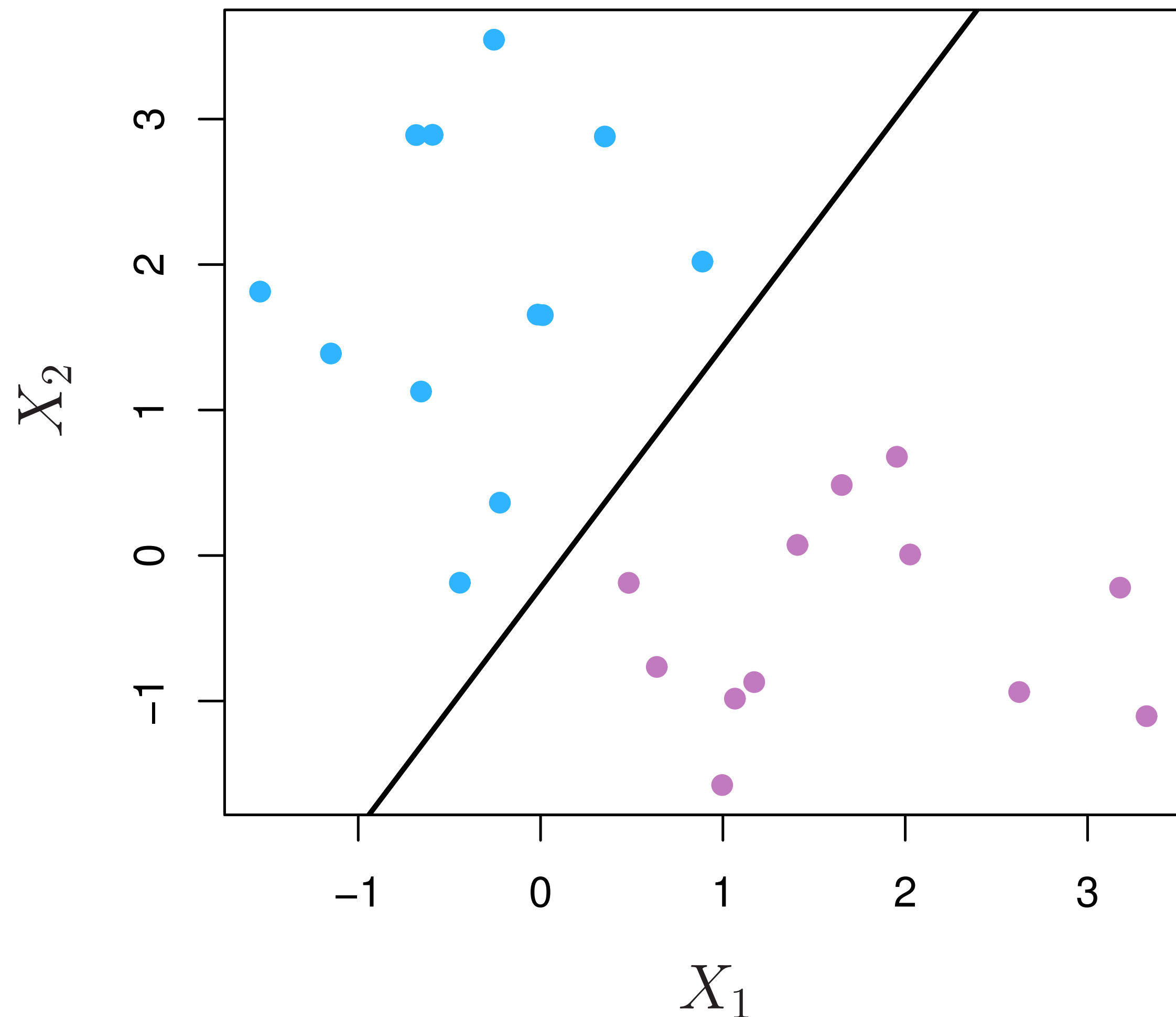


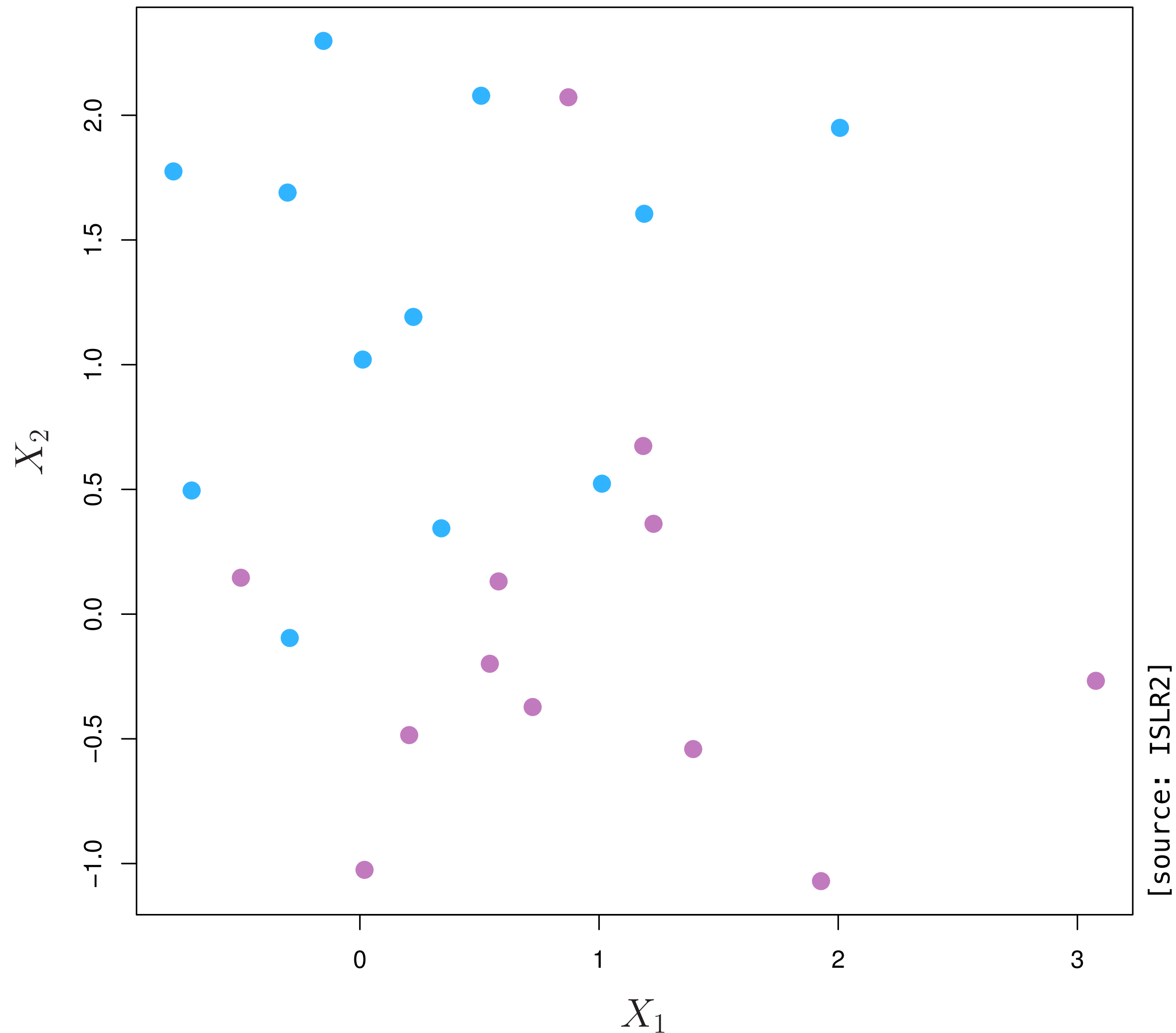
The Non-Separable Case

even if the data are separable, they are sometimes noisy

\Rightarrow poor solution for the maximum margin classifier



The Non-Separable Case



support vector classifier:
using a so-called **soft margin**
to **almost** separate the classes