

Spring 2017  
Final

Q5] Qn similar/identical to Spring 2018 Final Q3]

Part a) solve using that method

b] Advantage of Primal

→ Primal form is much simpler to evaluate given a linear separator. It is also easier to represent and solve by hand. It is more efficient when features are in large number but examples are limited.

Advantage of Dual

→ Dual problem

Dual problem has an advantage that we can plug kernel functions directly without adding extra calculations. In primal we have to map our data to feature space therefore dual problem is much more efficient with complex kernel functions.