

```
(defn flip-query& [outcome k1]
  (uniform-continuous& 0 1
    (fn [dist1]
      (sample& dist1
        (fn [p] ((fn [p k2]
                     (flip& p
                       (fn [dist2]
                         (observe& dist2 outcome
                           (fn []
                             (predict& :p p k2)))))))
          p k1)))))))
```