```
for (i = 0; i < w; i++)
                                                            <vblock<sub>1</sub>> ? <vcond>;
      if (<cond<sub>i</sub>>)
                                                            if (~<vcond>)
           // prob. p, len. t_1
                                                     vectorization
                                                                  for (i = 0; i < w; i++)
            <block<sub>1</sub>>;
                                                                        if (!<cond<sub>i</sub>>)
      else
                                                                              <block<sub>2</sub>>;
            // prob. 1-p, len. t<sub>2</sub>
            <block<sub>2</sub>>;
}
a)
                                                                                               b)
          vectorized condition
c)
                                                                                               d)
                                                            <vblock<sub>1</sub>> ? <vcond>;
<vblock<sub>1</sub>> ? <vcond>;
                                                            if (~<vcond>)
<vblock<sub>2</sub>> ? ~<vcond>;
                                                                  <vblock<sub>2</sub>> ? ~<vcond>;
```