

MAP-INT
 +
 LCP
 MAP-BV
 +
 LCP
 gl-
 go-
 ritmo
 5
 di
 Durbin
 LCP
 4NM
 e_k
 f_k
 g_k
 $\{0,\ldots,M\}$
 PBWT
 run
 dom
 \mathcal{C}_{ss}
 pre-
 fix
 $ar_{\bar{y}}$
 e_i
 pre-
 fix
 $ar_{\bar{y}}$
 $ma_{\bar{y}}$
 trace
 PBWT
 x_j
 X
 $a_{k+1}[i] =$
 j
 $0 \leq$
 $i <$
 M
 $k+$
 1
 $ma_{\bar{y}}$
 trace
 PBWT
 pre-
 fix
 $ar_{\bar{y}}$
 $map_{\bar{y}}$
 ping
 $in_{\bar{y}}$
 $ma_{\bar{y}}$
 trace
 PBWT
 k
 j
 i
 $k+$
 1
 $c[k]$
 $i <$
 $c[k]$
 $k =$
 0
 $k+$
 1
 $ma_{\bar{y}}$
 trace
 PBWT
 p_k
 $rank_{h_k}$
 $select_{h_k}$
 k_i
 i
 $k+$
 1
 x_j
 MAP-INT
 +
 LCP
 MAP-BV
 +
 LCP
 MAP-INT
 k
 $\mathcal{O}(r)$

(1)

$$\text{MAP-BV} \quad \mathcal{O}\left(\log \frac{M}{r}\right)$$

(2)

$$k, \, i$$

$$k$$

$$i$$

$$k =$$

$$0$$

$$\text{re-}$$

$$\text{turn}$$

$$0$$

$$k \leftarrow$$

$$k-$$