```
HARNESS mkl IMPLEMENTS spmv csr
2
     int cols = 0:
     for(int i = 1; i < rowstr[rows]; i++)</pre>
       cols = colidx[i]>cols?colidx[i]:cols;
 4
     cols = cols+1:
5
6
7
     sparse matrix t A:
8
     mkl sparse d create csr(&A, SPARSE INDEX BASE ZERO,
9
                              rows, cols, rowstr,
                               rowstr+1, colidx, a);
10
     struct matrix descr dscr;
11
12
     dscr.tvpe = SPARSE MATRIX TYPE GENERAL:
     dscr.mode = SPARSE FILL MODE LOWER:
13
     dscr.diag = SPARSE DIAG NON UNIT:
14
15
     mkl_sparse_d_mv(SPARSE_OPERATION_NON_TRANSPOSE,
16
                      1.0, A, dscr, iv, 0.0, ov);
17
18
   Persistent Variables
     "mkl.h"
19
```