```
// Create three square CSR matrices
Type mat(Float,{N,N});
Format CSR({Dense, Compressed});
TensorVar A(mat,CSR), B(mat,CSR), C(mat,CSR);

// Compute a sparse matrix multiplication
IndexVar i, j, k;
IndexExpr mul = B(i, k) * C(k, j);
IndexStmt matmul = (A(i, j) = sum(k, mul));

// Reorder to linear combinations of rows
matmul.reorder(k, j);

// Precompute the mul expression into a row workspace
IndexVar jc, jp;
Type vec(Float,{N});
TensorVar row(vec, Format({dense}));
matmul.precompute(mul, {{j,jc,jp}}, row);
```