```
[4/5]
for.cond26:                                    ; preds = %for.inc37, %for.body25
                %34 = load i32, i32* %j, align 4, !dbg !1378
                %35 = load i32, i32* %hsize.addr, align 4, !dbg !1380
                %cmp27 = icmp ult i32 %34, %35, !dbg !1381
                br i1 %cmp27, label %for.body28, label %for.end39, !dbg !1382
```

```
[2/3]
for.body28:                                    ; preds = %for.cond26
                %36 = load i32**, i32*** %b, align 8, !dbg !1383
                %37 = load i32, i32* %i, align 4, !dbg !1385
                %idxprom29 = zext i32 %37 to i64, !dbg !1383
%arrayidx30 = getelementptr inbounds i32*, i32** %36, i64 %idxprom29, !dbg !1383
                %38 = load i32*, i32** %arrayidx30, align 8, !dbg !1383
                %39 = load i32, i32* %j, align 4, !dbg !1386
                %sub = sub i32 %39, 1, !dbg !1387
                %idxprom31 = zext i32 %sub to i64, !dbg !1383
        %arrayidx32 = getelementptr inbounds i32, i32* %38, i64 %idxprom31, !dbg !1383
                %40 = load i32, i32* %arrayidx32, align 4, !dbg !1383
                %41 = load i32**, i32*** %b, align 8, !dbg !1388
                %42 = load i32, i32* %i, align 4, !dbg !1389
                %idxprom33 = zext i32 %42 to i64, !dbg !1388
%arrayidx34 = getelementptr inbounds i32*, i32** %41, i64 %idxprom33, !dbg !1388
                %43 = load i32*, i32** %arrayidx34, align 8, !dbg !1388
                %44 = load i32, i32* %j, align 4, !dbg !1390
                %idxprom35 = zext i32 %44 to i64, !dbg !1388
%arrayidx36 = getelementptr inbounds i32, i32* %43, i64 %idxprom35, !dbg !1388
                %45 = load i32, i32* %arrayidx36, align 4, !dbg !1391
                %add = add i32 %45, %40, !dbg !1391
                store i32 %add, i32* %arrayidx36, align 4, !dbg !1391
                br label %for.inc37, !dbg !1392
```

```
[0/1]
for.inc37:                                    ; preds = %for.body28
                %46 = load i32, i32* %j, align 4, !dbg !1393
                %inc38 = add i32 %46, 1, !dbg !1393
                store i32 %inc38, i32* %j, align 4, !dbg !1393
                br label %for.cond26, !dbg !1394, !llvm.loop !1395
```