for.cond15: ; preds = %for.inc36, %for.body13 %[14.0 = phi i32 [ 0, %for.body13 ], [ %inc37, %for.inc36 ], !dbg !1003 call void @llvm.dbg.value(metadata i32 %j14.0, metadata !998, metadata !DIExpression()), !dbg !1001 %cmp16 = icmp slt i32 %j14.0, 10, !dbg !1005 br i1 %cmp16, label %for.body17, label %for.end38, !dbg !1006 for.cond18: ; preds = %for.inc33, %for.body17 for.inc36: ; preds = % for .end35 ; preds = % for.cond15 %k.0 = phi i32 [ 1, %for.body17 ], [ %inc34, %for.inc33 ], !dbg !1012 for.body17: %inc37 = add nsw i32 %j14.0, 1, !dbg !1028 for.end35: ; preds = %for.cond18 call void @llvm.dbg.value(metadata i32 1, metadata !1007, metadata !DIExpression()), !dbg !1010 call void @llvm.dbg.value(metadata i32 %k.0, metadata !1007, metadata !DIExpression()), !dbg !1010 call void @llvm.dbg.value(metadata i32 %inc37, metadata !998, metadata !DIExpression()), !dbg !1001 br label %for.inc36, !dbg !1027 br label %for.cond18, !dbg !1011 %cmp19 = icmp slt i32 %k.0, 5, !dbg !1014 br label %for.cond15, !dbg !1029, !llvm.loop !1030 br i1 %cmp19, label %for.body20, label %for.end35, !dbg !1015 for.body20: ; preds = % for.cond18 %idxprom21 = sext i32 %i10.0 to i64, !dbg !1016 %arrayidx22 = getelementptr inbounds [100 x [10 x [5 x i32]]], [100 x [10 x [5 x i32]]]\* %a, i64 0, i64 %idxprom21, !dbg !1016 %idxprom23 = sext i32 %j14.0 to i64, !dbg !1016 %arrayidx24 = getelementptr inbounds [10 x [5 x i32]], [10 x [5 x i32]]\* %arrayidx22, i64 0, i64 %idxprom23, !dbg !1016 %sub = sub nsw i32 %k.0, 1, !dbg !1018 %idxprom25 = sext i32 %sub to i64, !dbg !1016 for.inc33: %arrayidx26 = getelementptr inbounds [5 x i32], [5 x i32]\* %arrayidx24, i64 0, i64 %idxprom25, !dbg !1016 ; preds = % for.body20

%inc34 = add nsw i32 %k.0, 1, !dbg !1023

call void @llvm.dbg.value(metadata i32 %inc34, metadata !1007, metadata !DIExpression()), !dbg !1010

br label %for.cond18, !dbg !1024, !llvm.loop !1025

%0 = load i32, i32\* %arrayidx26, align 4, !dbg !1016

%add = add nsw i32 %0, 1, !dbg !1019

%idxprom27 = sext i32 %i10.0 to i64, !dbg !1020
%arrayidx28 = getelementptr inbounds [100 x [10 x [5 x i32]]], [100 x [10 x [5 x i32]]]\* %a, i64 0, i64 %idxprom27, !dbg !1020
%idxprom29 = sext i32 %j14.0 to i64, !dbg !1020
%arrayidx30 = getelementptr inbounds [10 x [5 x i32]], [10 x [5 x i32]]\* %arrayidx28, i64 0, i64 %idxprom29, !dbg !1020
%idxprom31 = sext i32 %k.0 to i64, !dbg !1020
%arrayidx32 = getelementptr inbounds [5 x i32], [5 x i32]\* %arrayidx30, i64 0, i64 %idxprom31, !dbg !1020
store i32 %add, i32\* %arrayidx32, align 4, !dbg !1021
br label %for.inc33, !dbg !1022