

entry:

```
%retval = alloca i32, align 4
%a.addr = alloca i32, align 4
%b.addr = alloca i32, align 4
store i32 %a, i32* %a.addr, align 4
store i32 %b, i32* %b.addr, align 4
%0 = load i32, i32* %a.addr, align 4
%cmp = icmp sgt i32 %0, 0
br i1 %cmp, label %if.then, label %if.end
```

if.then:

```
%1 = load i32, i32* %b.addr, align 4
store i32 %1, i32* %retval, align 4
br label %return
```

if.end:

```
store i32 0, i32* %retval, align 4
br label %return
```

return:

```
%2 = load i32, i32* %retval, align 4
ret i32 %2
```

Region Graph for 'foo' function