

Patterns used to bind names must be irrefutable, that is, they must guarantee that a name will be extracted in all cases.

Erroneous code example:

```
let x = Some(1);
let Some(y) = x;
// error: refutable pattern in local binding: `None` not covered
```

If you encounter this error you probably need to use a `match` or `if let` to deal with the possibility of failure. Example:

```
let x = Some(1);

match x {
  Some(y) => {
    // do something
  },
  None => {}
}

// or:

if let Some(y) = x {
  // do something
}
```