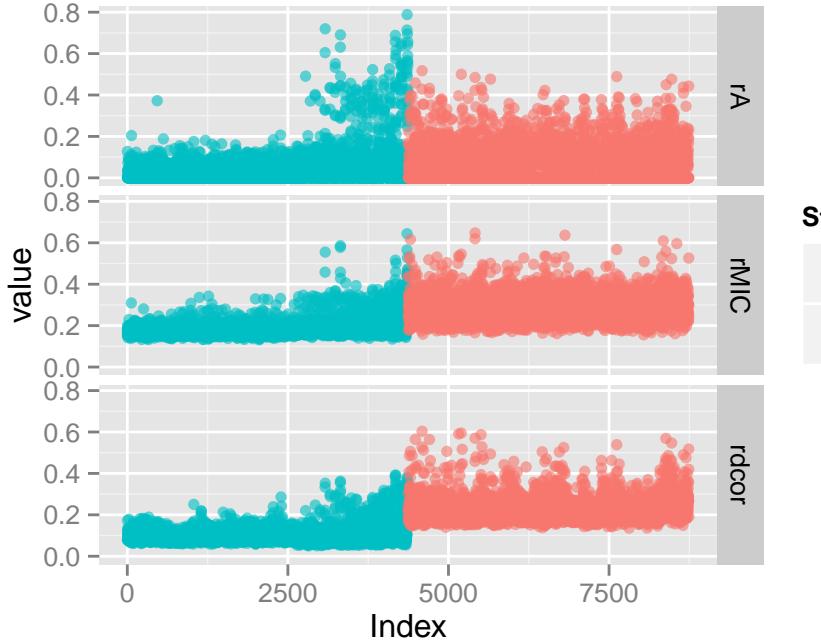


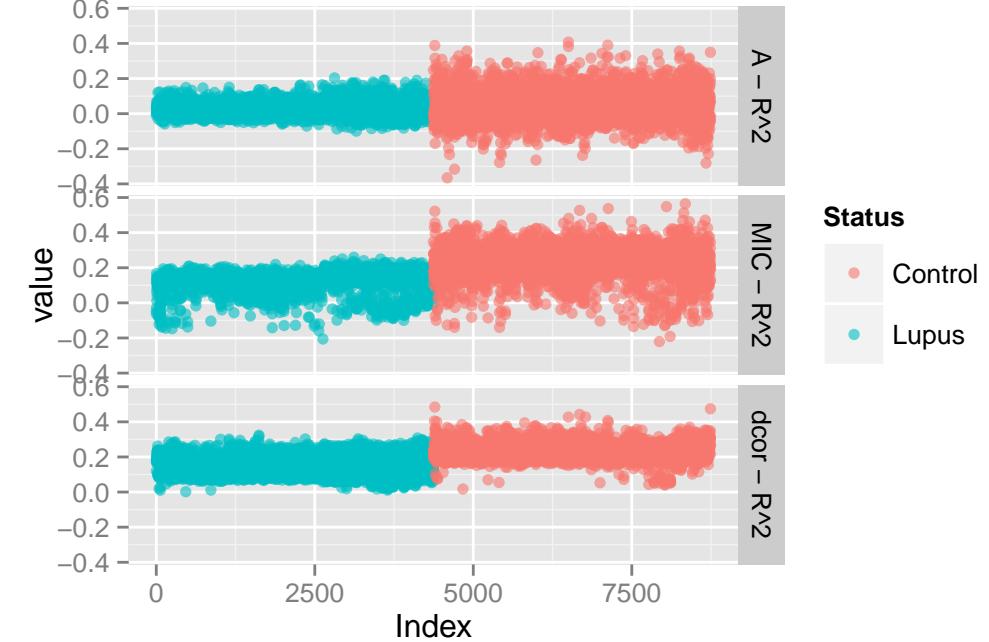
### Residual Non-linear Association



Status

- Control (red)
- Lupus (teal)

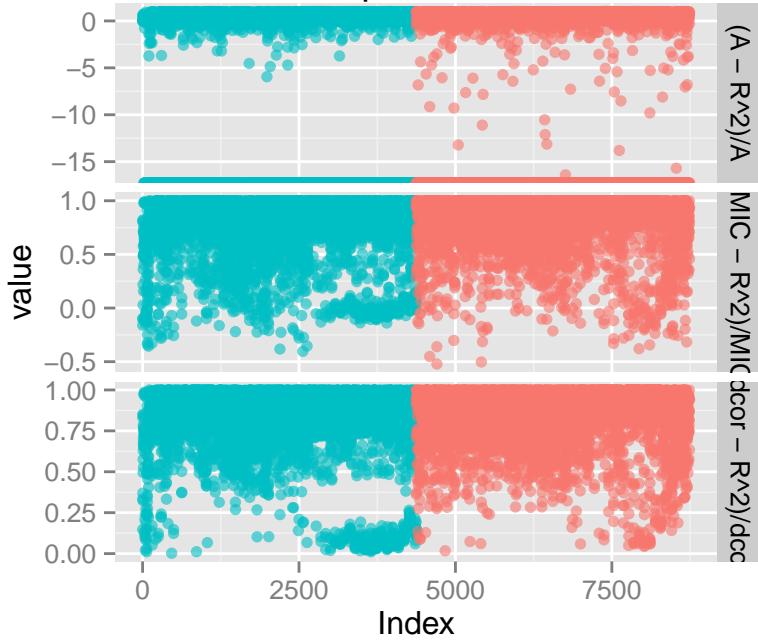
### Non-linear Part of Association



Status

- Control (red)
- Lupus (teal)

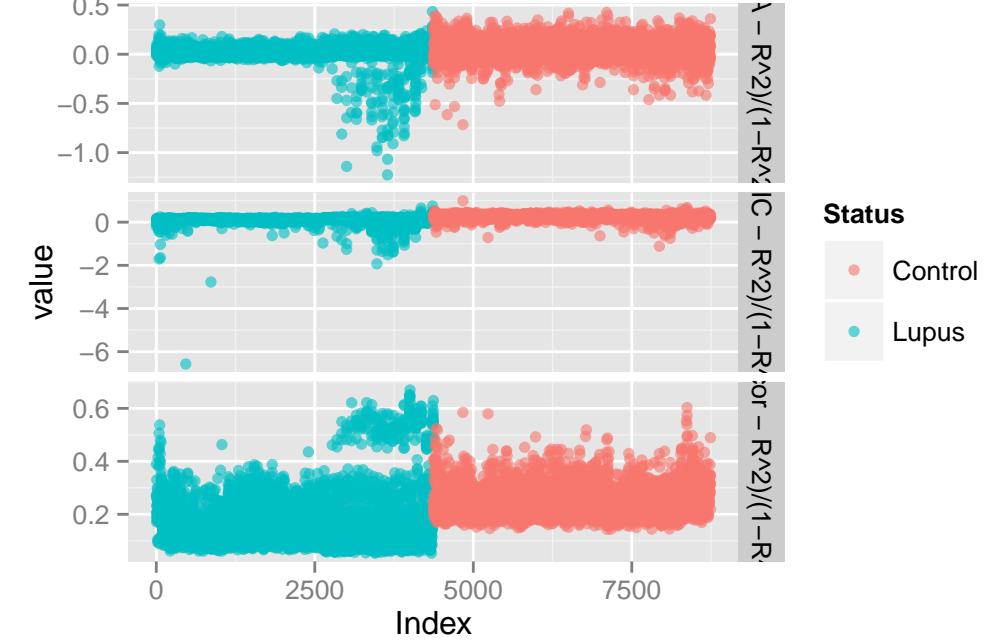
### Non-linear Proportion of Association



Status

- Control (red)
- Lupus (teal)

### Total Non-Linear Variance



Status

- Control (red)
- Lupus (teal)