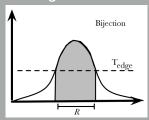
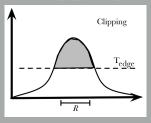
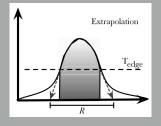
## Bijection

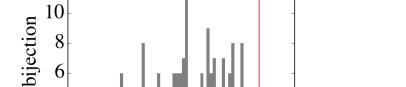


# Clipping



#### Extrapolation





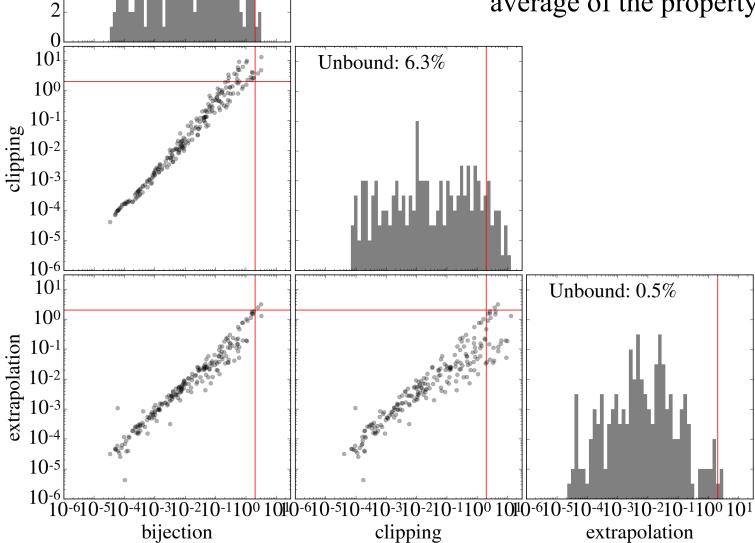
Unbound: 0.8%

14

12

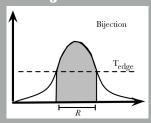
# virial

Based on the uncertainty-weighted average of the property fits.

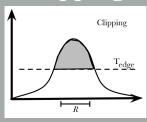


Rosolowsky & Leroy (2006 Rosolowsky et al. (2008)

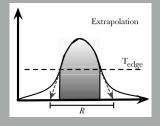
### **Bijection**



# Clipping



## **Extrapolation**



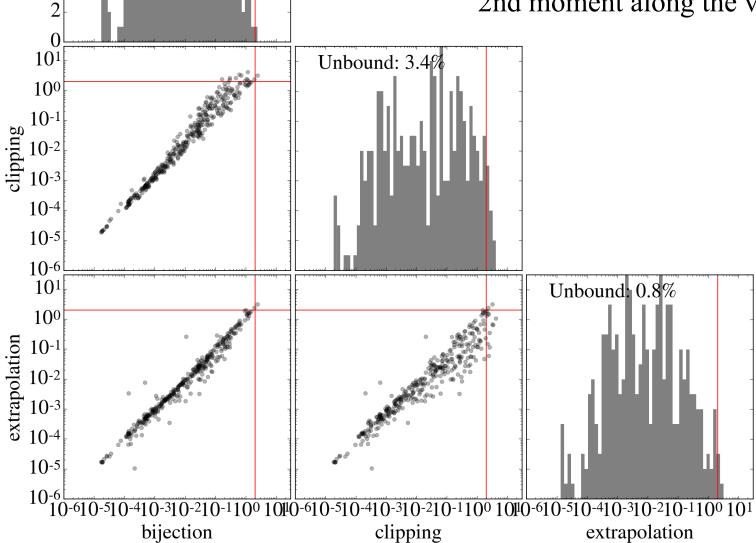
# 12 10 8 6

14

Unbound: 0.3%

# virial\_dendro

Based on the intensity-weighted 2nd moment along the v-axis.



Rosolowsky & Leroy (200 Rosolowsky et al. (2008)

## Bijection

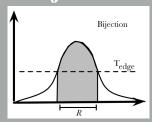
14

12

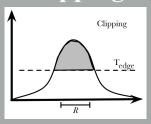
10

bijection

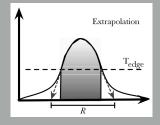
Unbound: 4.5%



# Clipping

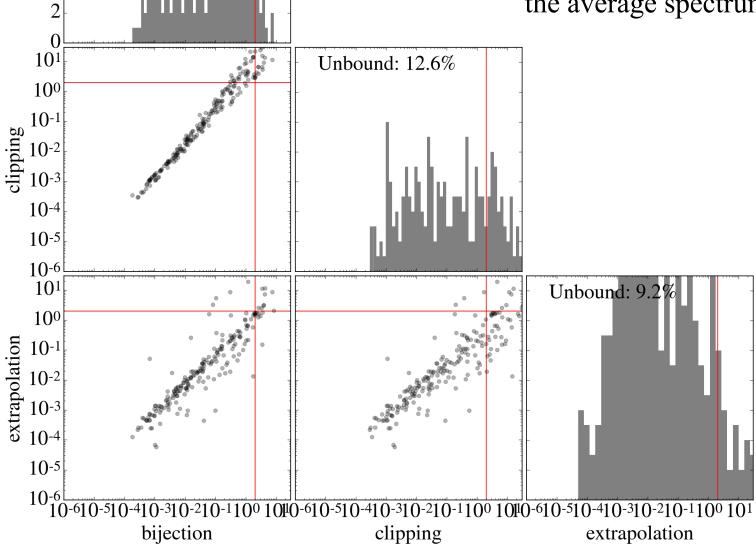


#### Extrapolation





Based on the Gaussian fit to the average spectrum.



Rosolowsky & Leroy (2006 Rosolowsky et al. (2008)

#### virial

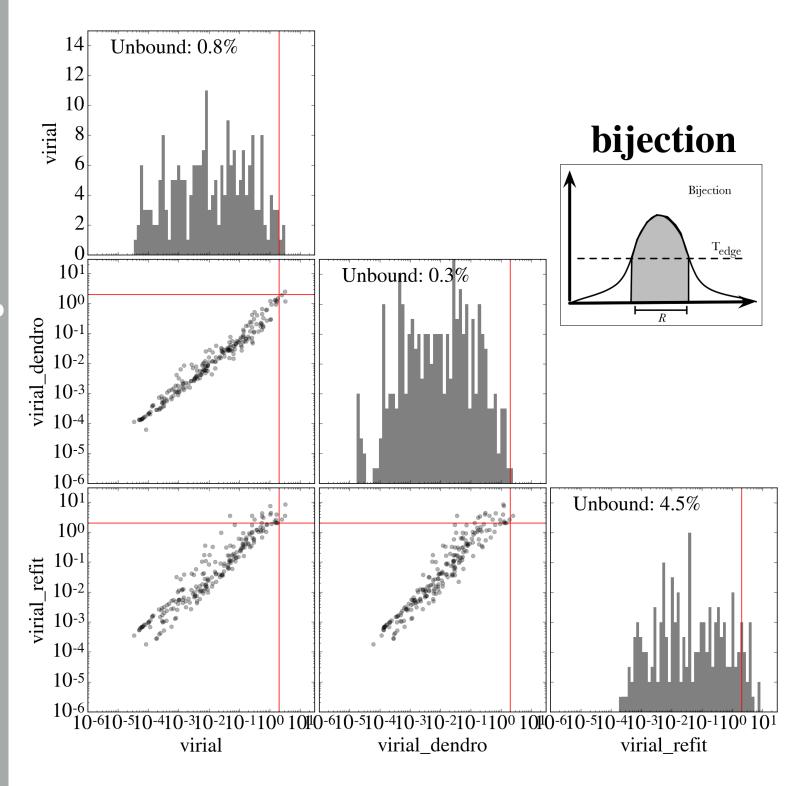
Based on the uncertainty-weighted average of the property fits.

# virial\_dendro

Based on the Gaussian fit to the average spectrum.

# virial\_refit

Based on the Gaussian fit to the average spectrum.



Rosolowsky & Leroy (200 Rosolowsky et al. (2008)

#### virial

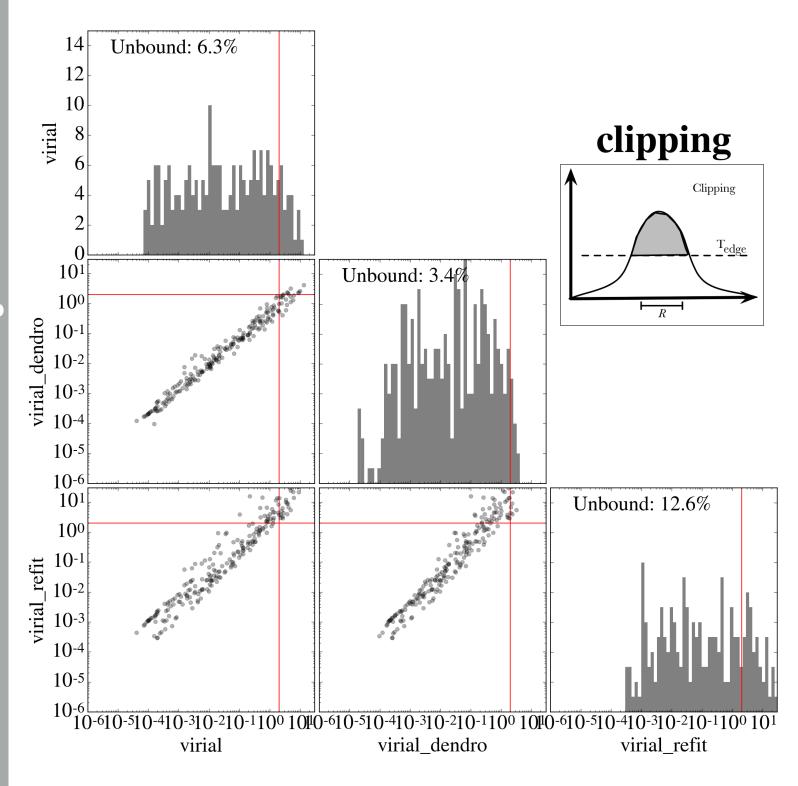
Based on the uncertainty-weighted average of the property fits.

# virial\_dendro

Based on the Gaussian fit to the average spectrum.

# virial\_refit

Based on the Gaussian fit to the average spectrum.



#### virial

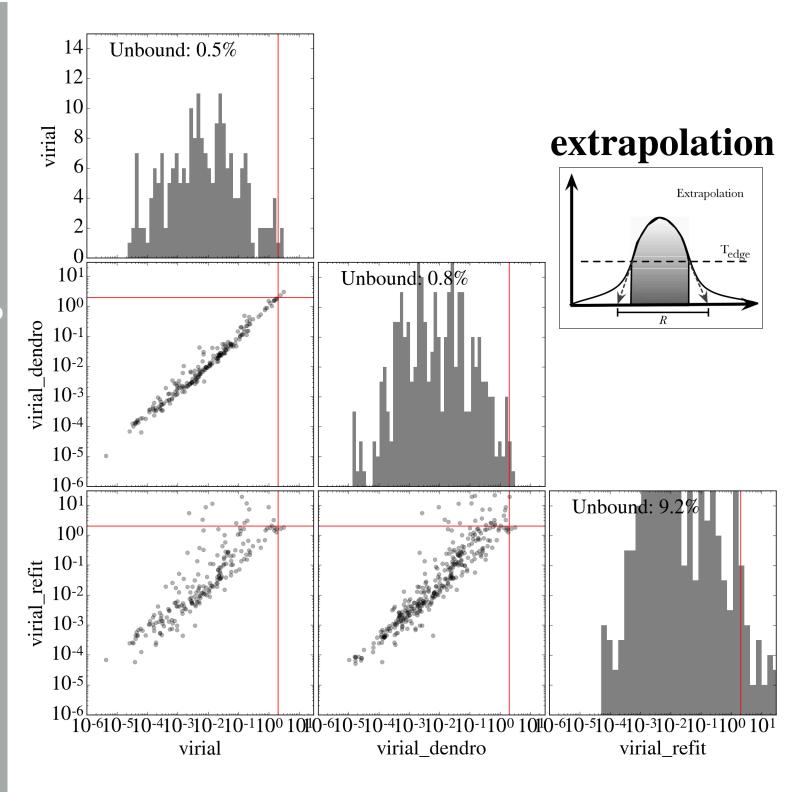
Based on the uncertaintyweighted average of the property fits.

# virial\_dendro

Based on the Gaussian fit to the average spectrum.

## virial\_refit

Based on the Gaussian fit to the average spectrum.



Rosolowsky & Leroy (200 Rosolowsky et al. (2008)