Probing AGN obscuration via Galaxy orientation and evolution in comprehensive semi-analytic models

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Big Data applications for Black hole Evolution Studies

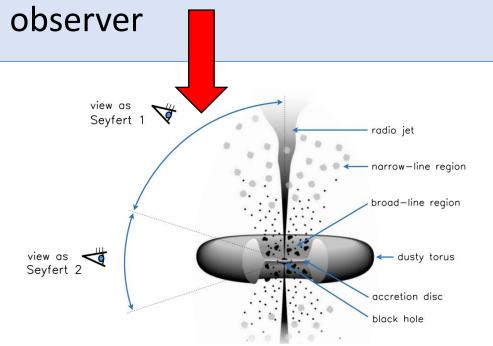
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Orientation model

• Obscuration depends on the position of the object vs



Evolutionary model

• Obscuration depends on the moment of the object history

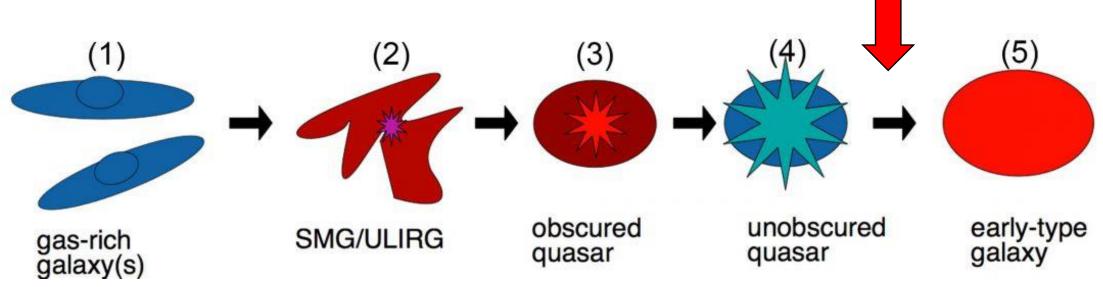


Orientation model

Obscuration depends on the position of the object vs observer

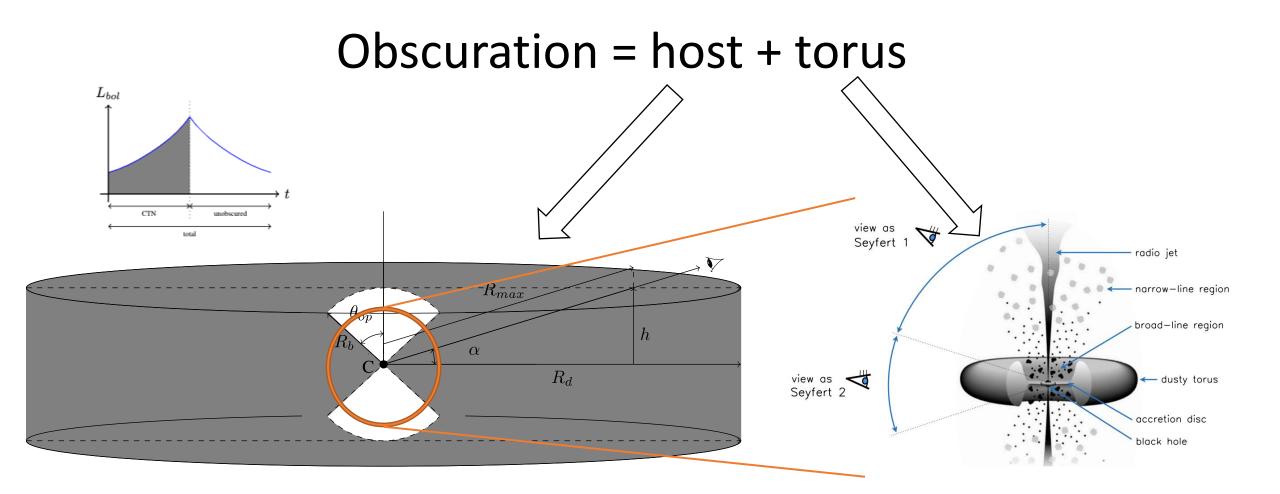
Evolutionary model

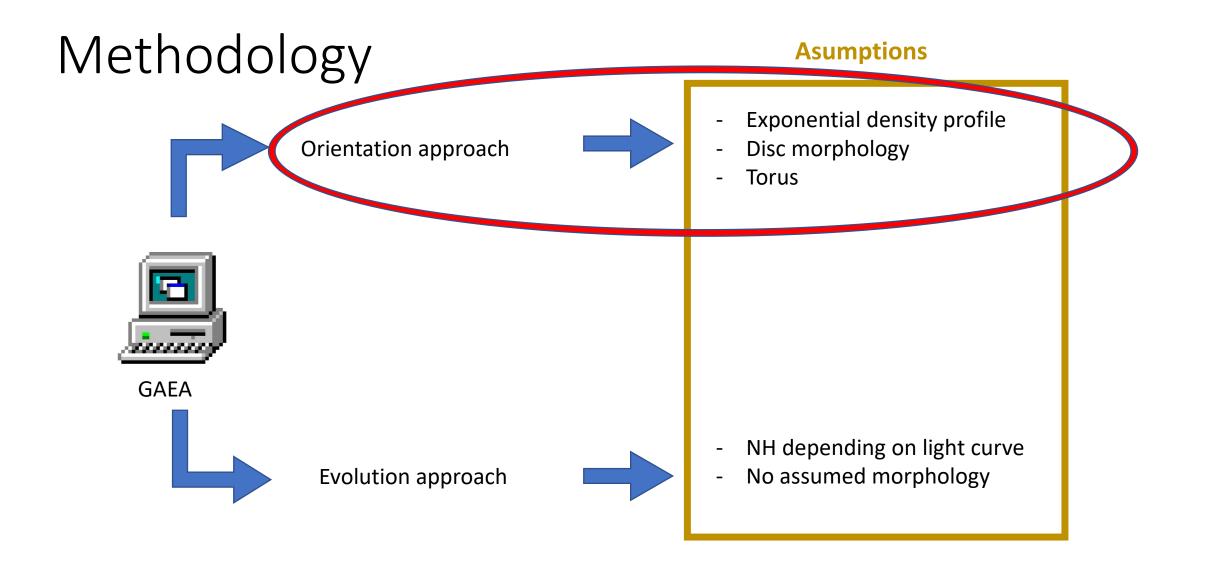
• Obscuration depends on the moment of the object history



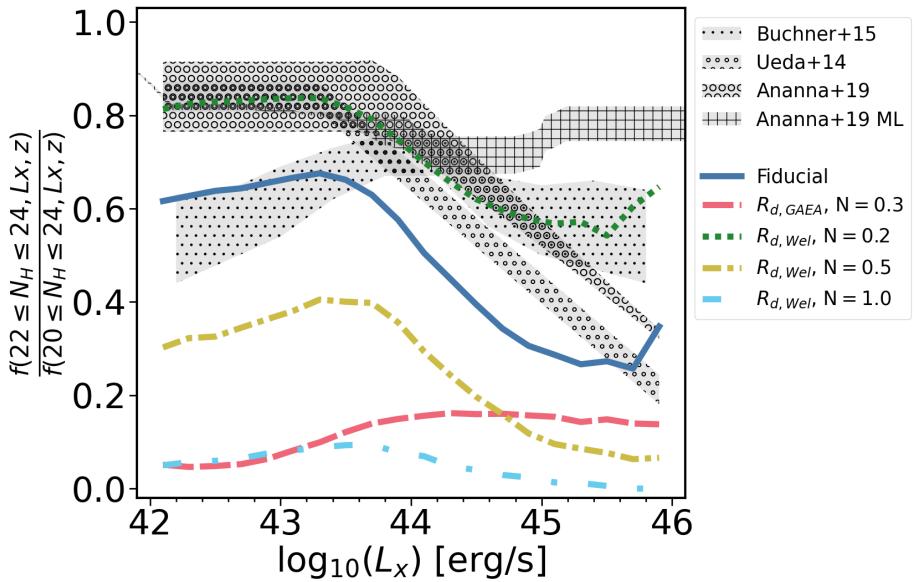
Adapted from figure 6 of Alexander & Hickox 2012

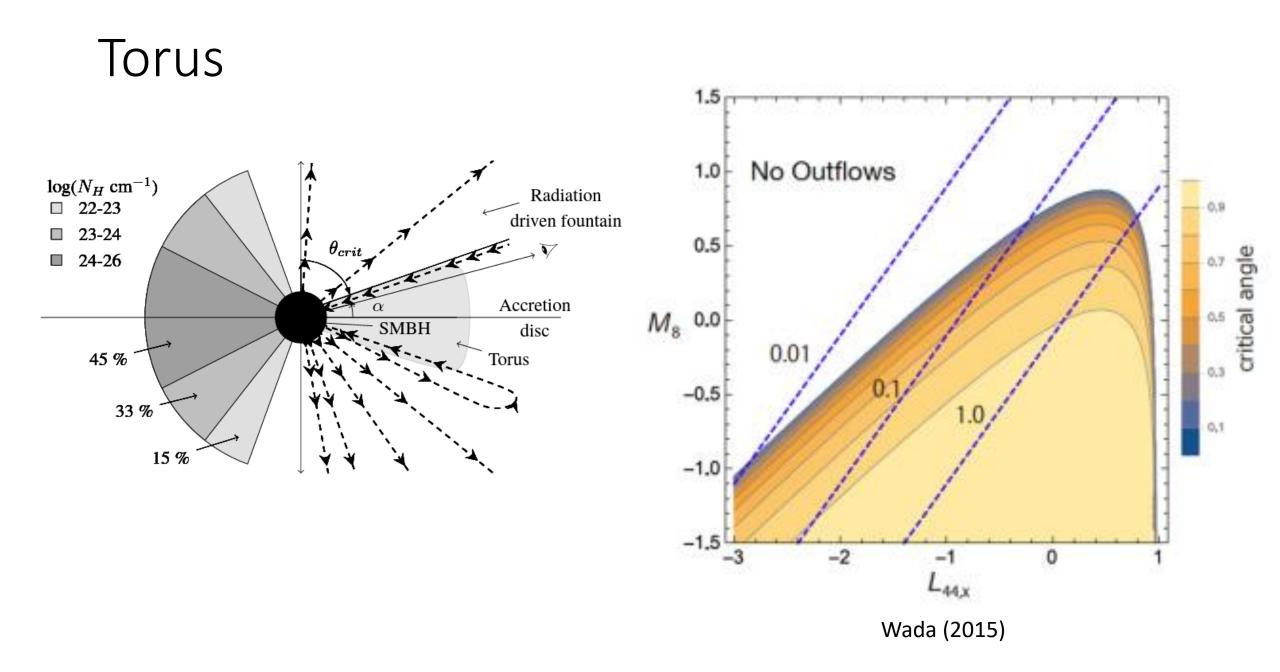
Summary

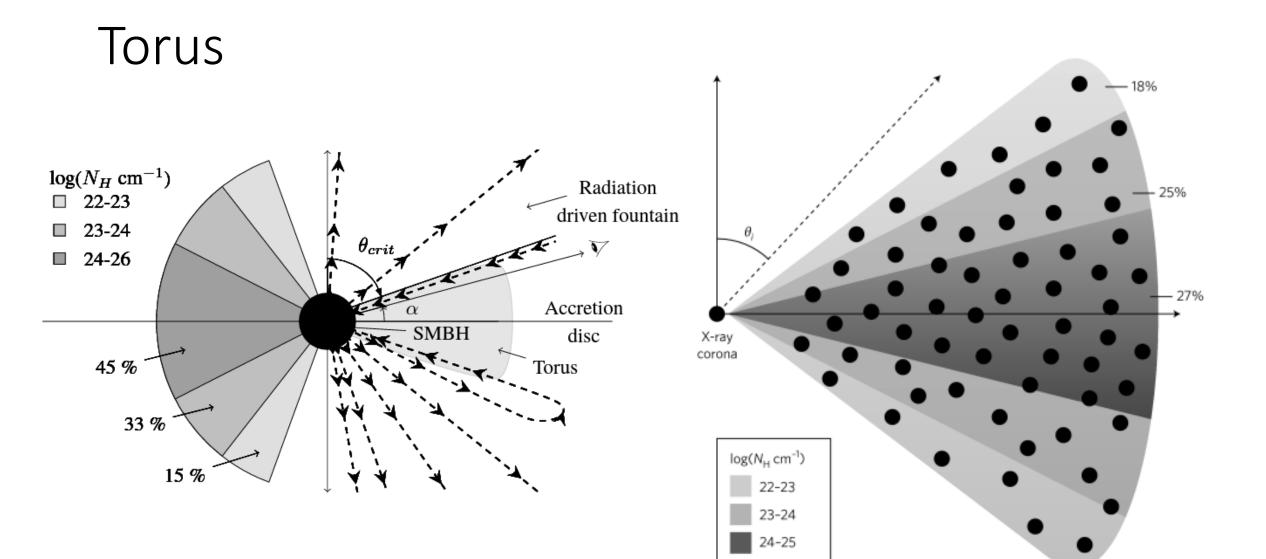




no-BW model







Ramos Almeida & Ricci (2017)

