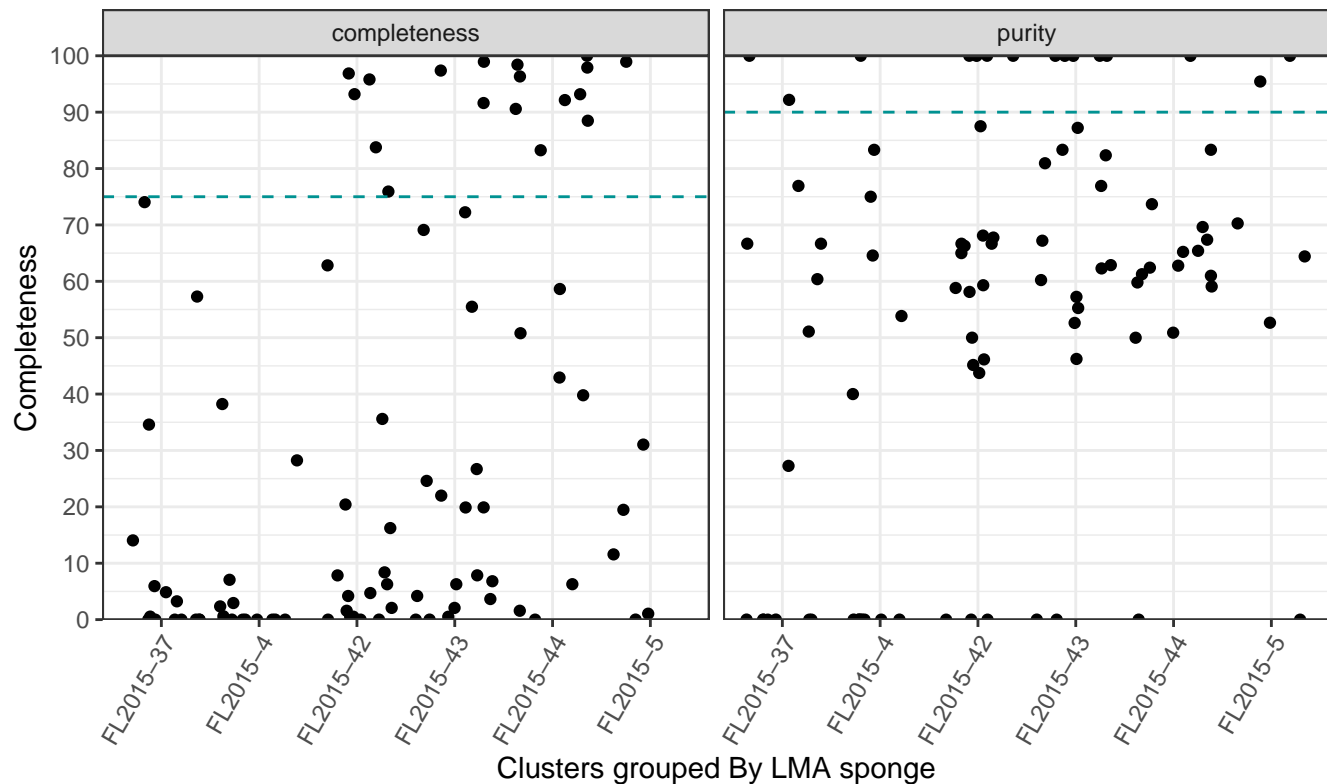


**\**Proteobacteria* Marker Set (n=191)**  
improves LMA-sponge bacterial binning quality resolution

All samples except FL2015-4 contained at least one bin greater or equal to ~75% complete



\*This marker set is the union of this lineage's marker set and its higher canonical ranks' marker sets e.g. union of *Bacteria* and *Proteobacteria*