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Christin Bibby* (cbibby2@uwo.ca). *Representation stability for the cohomology of arrangements*. Preliminary report.

We consider a sequence of linear, toric, or elliptic arrangements arising from one of the families of root systems of type A, B, C, or D. The complement to one of these arrangements has an action of the corresponding Weyl group, giving an action on its cohomology. We study the stability of the rational cohomology as a sequence of Weyl group representations. (Received January 30, 2016)