1147-60-252 Anna Lytova and Konstantin Tikhomirov* (ktikhomirov6@gatech.edu), 686 Cherry street, School of Mathematics, Atlanta, GA 30332. No-gaps delocalization of random matrices with independent entries.

We obtain no-gaps delocalization estimates for eigenvectors of random matrices with i.i.d. entries, which strengthen some earlier results by Rudelson-Vershynin and Luh-O'Rourke, and discuss possible applications of those estimates. (Received January 14, 2019)