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Amie Wilkinson* (wilkinso@math.northwestern.edu). *Pathological foliations, revisited*. Preliminary report.

We investigate when the central foliation of a partially hyperbolic system is absolutely continuous, and how the conditional measures along the central leaves look like in general. Our conclusions include a sharp dichotomy for the conditional measures in some settings (Lebesgue class versus Dirac masses) and show that absolute continuity is even less common than one might infer from previous results. This is joint work with Artur Avila and Marcelo Viana. (Received August 06, 2007)