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Response to Comment on “Pairing and Phase Separation in a Polarized Fermi Gas”

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Zwierlein and Ketterle rely on subjective arguments and fail to recognize important differences in physical parameters between our experiment and theirs. We stand by the conclusions of our original report.

Having failed to establish that trap anharmonicities or other objective mechanisms affect the conclusions of our study (1), Zwierlein and Ketterle (2) now make the more subjective assertion that our claims

are not supported by the data presented. We stand by the statements and claims made in (1). Furthermore, in emphasizing discrepancies between our results and theirs, Zwierlein and Ketterle ignore differences in physical param-

eters of the two experiments. Differences in aspect ratio (3) or temperature (4, 5), for example, can have profound effects on the results.

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