Corrigendum to
**Intrinsic flat stability of the positive mass
theorem for graphical hypersurfaces of
Euclidean space**

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Abstract. There is an error in the proof of Theorem 1.3 of the original article. Despite the problem, it is rigorously proved in joint work of the first two authors and Perales that Theorem 1.3 is true, using recent results of Allen and Perales that extend the work of Allen, Perales, and Sormani.

A. Cabrera Pacheco, C. Ketterer, and R. Perales discovered an error in the proof of [5, Theorem 1.3] while researching stability of tori with nonnegative scalar curvature [3]. The precise error is the following statement on page 290:

“equality in the second inequality of (6.1) for a 1-Lipschitz function implies that $\Psi_\infty : \Omega_\infty(r) \rightarrow B(r) \times \{0\}$ must be an isometry.”

This conclusion is not true in general, but in the context of the argument given on page 290, the conclusion would follow from a conjecture of the third author [6]. B. Allen and Perales were able to provide an alternative proof of [5, Theorem 1.3] under the added assumption that M has no boundary [1, Section 7]. Their alternative proof is an application of [1, Theorem 4.2] (see also [2]) in conjunction with estimates from [5]. They directly prove intrinsic flat convergence to a Euclidean ball rather than appealing to Wenger’s compactness theorem. This Allen–Perales argument in [1] has been extended to obtain a proof of [5, Theorem 1.3] in full generality in a separate work by the first two authors and Perales [4].

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