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**Federico Salmoiraghi\*** ([federico.salmoiraghi@gmail.com](mailto:federico.salmoiraghi@gmail.com)) and **Ryan Leigon**. *Equivalence of contact gluing maps in sutured Floer homology.*

The contact invariant is a useful tool for studying contact structures, which arises from Heegaard Floer theory. This invariant is tracked under cut-and-paste operations by contact gluing maps of Honda, Kazez, and Matić. However, these maps are difficult to compute in practice, even in simple cases. Our work reinterprets these maps in terms of Zarev gluing maps, and allows Honda—Kazez—Matić maps to be directly computed in interesting cases. This project is joint with Ryan Leigon and realizes unpublished results of Zarev. (Received September 03, 2018)