1046-54-955 Scott Morrison* (scott@tqft.net), 2233 CNSI Building, UC Santa Barbara, Goleta, CA 93106, and Clark David and Kevin Walker. The 2-point and 4-point Khovanov categories.

I'll describe some results about the "2-point" and "4-point" Khovanov categories; these are the places where the Khovanov invariants of tangles with 2 and 4 boundary points live. Everything I say about the 2-point category will be "old", but said in a new way. (This includes a streamlined treatment of Rasmussen's s-invariant, for example.) About the 4-point category I can't say quite as much, but can give a nice result about the Khovanov homology of any rational tangle. (Received September 13, 2008)