1157-03-117 Samuel Braunfeld* (sbraunf@umd.edu) and Michael C. Laskowski (mcl@math.umd.edu). Counting siblings in universal theories.

We say two structures are *siblings* if they are (not necessarily elementarily) bi-embeddable. The number of siblings, up to isomorphism, of any countable relational structure M is conjectured to be 1, \aleph_0 , or 2^{\aleph_0} . Using mutual algebraicity, we show that if M is not cellular, then it admits an age-preserving extension with 2^{\aleph_0} siblings. (Received January 22, 2020)