1147-49-152 Yoshihiro Tonegawa* (tonegawa@math.titech.ac.jp), 2-12-1 Ookayama, Meguro-ku, Tokyo, 1528551, Japan. Some remarks on the 1-dimensional Brakke flow. Preliminary report.

In my joint work with Lami Kim, we showed a global-in-time existence of Brakke flows starting from closed rectifiable sets of locally finite measure (Ann. l'Institute Fourier, 2017). The time-discrete construction includes a step of local almost measure-minimizing around singularities. A careful analysis shows that there are certain restrictions on the possible tangent flows in the 1-dimensional case. (Received January 14, 2019)