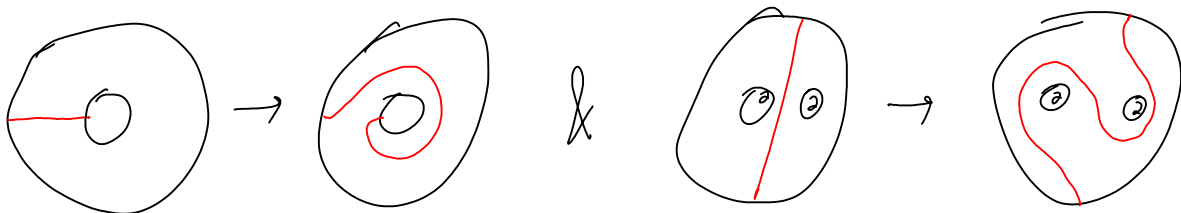


Twister: $S = S_{g,n}$; genus g , n bndry circles.
 $F: S \rightarrow S \in \text{Homeo}^+(S)$

$$M_F := \frac{S \times I}{(x, 1) \sim (F(x), 0)}$$

IF $F \sim g$, then $M_F \sim M_g$.

The mapping class group is generated by Dehn twists:



Making a census:

"Grow, build, sort, thin".