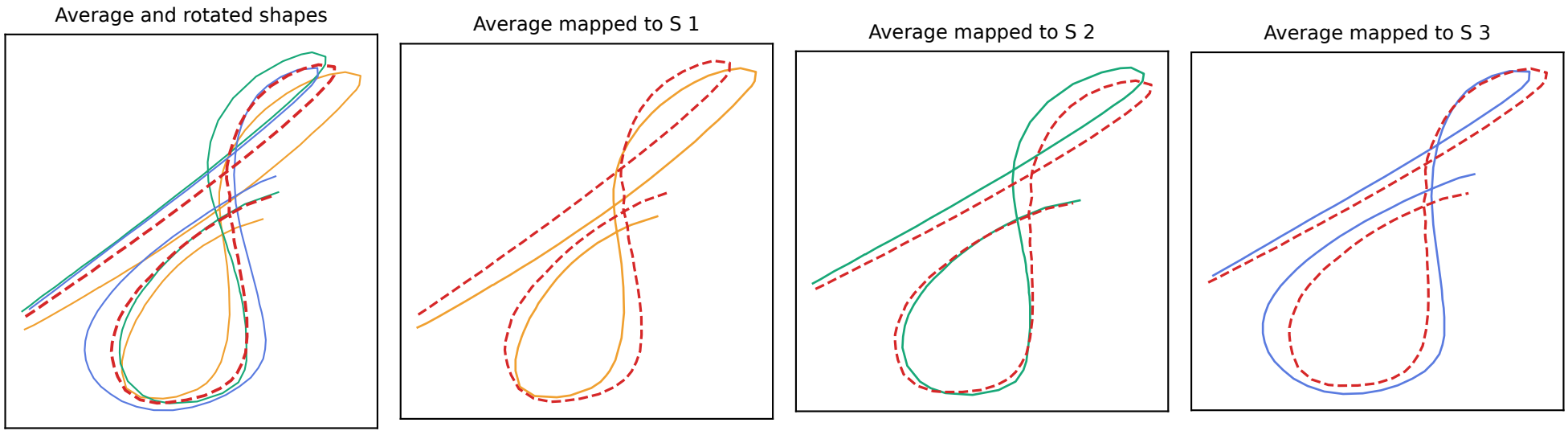

Average and rotated shapes
Average mapped to S 1
Average mapped to S 2
Average mapped to S 3