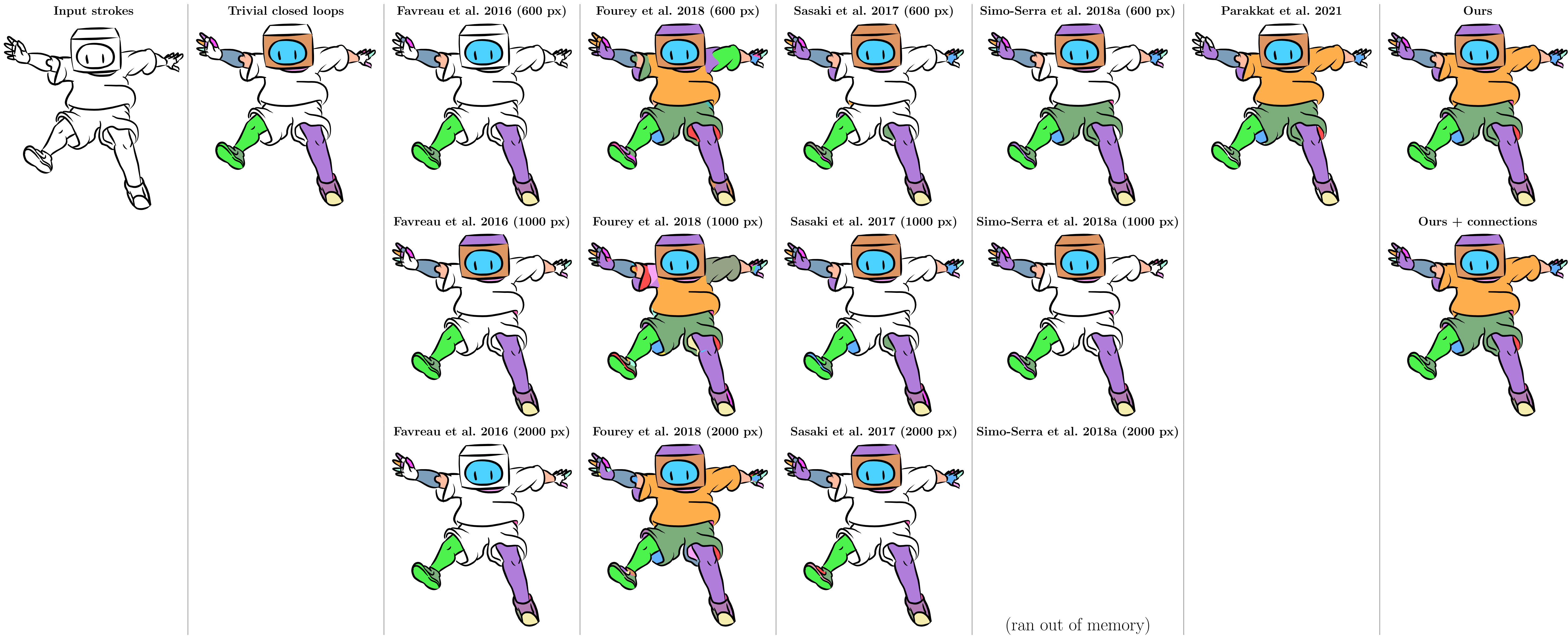


Comparative Study Results of “Detecting Viewer-Perceived Intended Vector Sketch Connectivity”

Comparison method (600 px)	Other	Both	Neither	Ours
[Favreau et al. 2016]	0	0	0	6
[Fourey et al. 2018]	0	0	0	6
[Sasaki et al. 2017]	0	0	0	6
[Simo-Serra et al. 2018a]	0	0	0	6
[Parakkat et al. 2021]	0	0	0	6



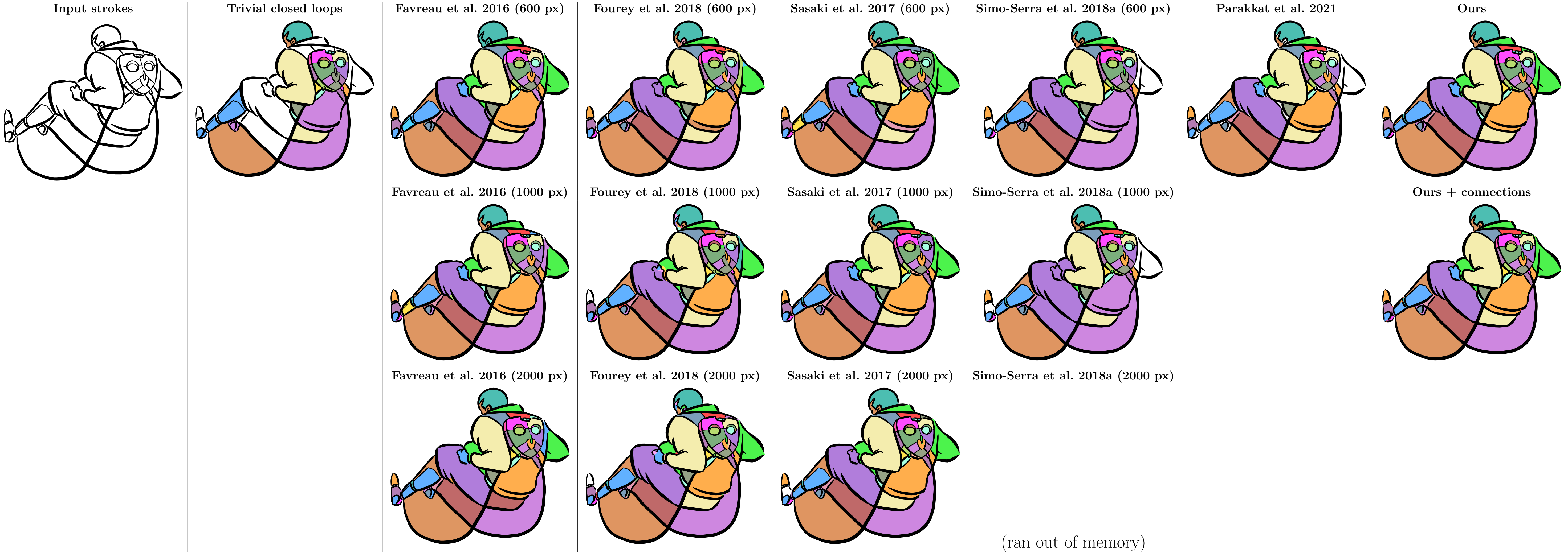
Comparison method (600 px)	Other	Both	Neither	Ours
[Favreau et al. 2016]	1	0	0	5
[Fourey et al. 2018]	0	0	0	6
[Sasaki et al. 2017]	0	0	0	6
[Simo-Serra et al. 2018a]	1	3	0	2
[Parakkat et al. 2021]	0	2	0	4

Input strokes	Trivial closed loops	Favreau et al. 2016 (600 px)	Fourey et al. 2018 (600 px)	Sasaki et al. 2017 (600 px)	Simo-Serra et al. 2018a (600 px)	Parakkat et al. 2021	Ours
		Favreau et al. 2016 (1000 px)	Fourey et al. 2018 (1000 px)	Sasaki et al. 2017 (1000 px)	Simo-Serra et al. 2018a (1000 px)		Ours + connections
		Favreau et al. 2016 (2000 px)	Fourey et al. 2018 (2000 px)	Sasaki et al. 2017 (2000 px)	Simo-Serra et al. 2018a (2000 px)		
					(ran out of memory)		

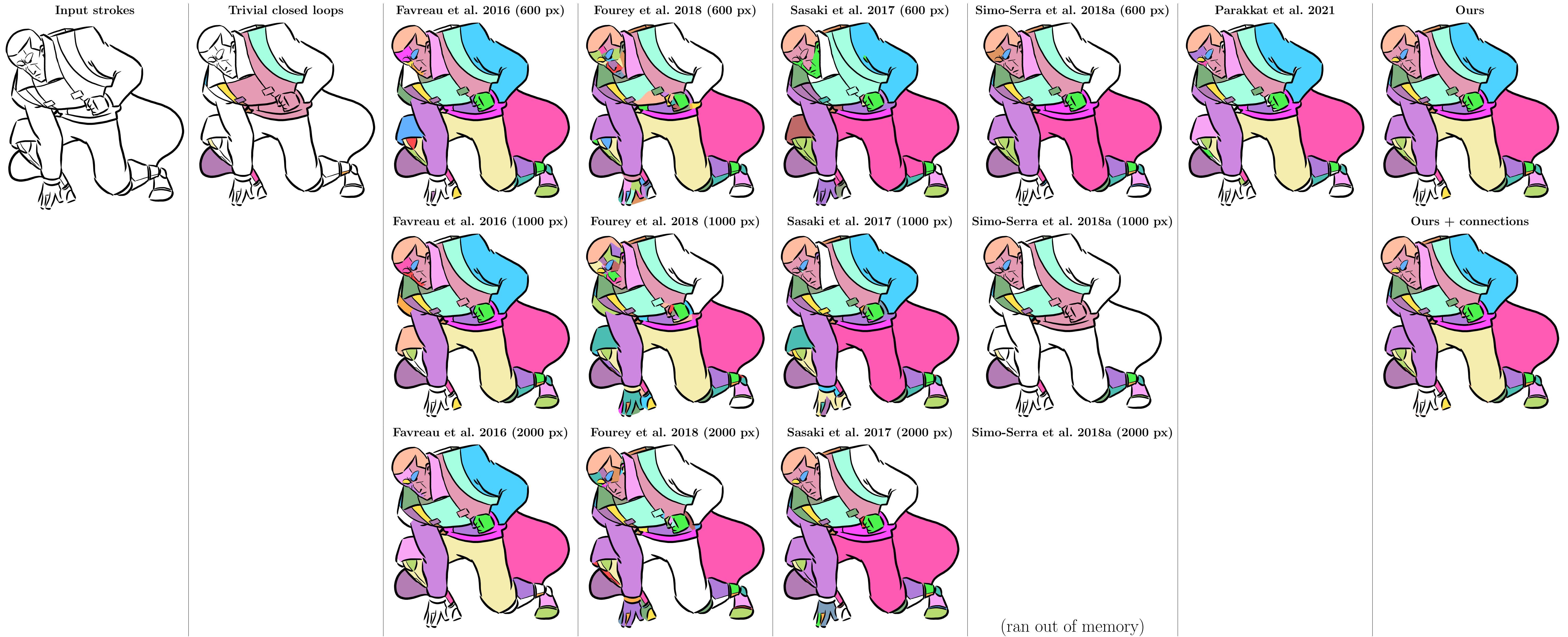
Comparison method (600 px)	Other	Both	Neither	Ours
[Favreau et al. 2016]	0	0	6	0
[Fourey et al. 2018]	0	0	3	3
[Sasaki et al. 2017]	0	0	2	4
[Simo-Serra et al. 2018a]	0	0	3	3
[Parakkat et al. 2021]	0	0	2	4

Input strokes	Trivial closed loops	Favreau et al. 2016 (600 px)	Fourey et al. 2018 (600 px)	Sasaki et al. 2017 (600 px)	Simo-Serra et al. 2018a (600 px)	Parakkat et al. 2021	Ours
		Favreau et al. 2016 (1000 px)	Fourey et al. 2018 (1000 px)	Sasaki et al. 2017 (1000 px)	Simo-Serra et al. 2018a (1000 px)		Ours + connections
		Favreau et al. 2016 (2000 px)	Fourey et al. 2018 (2000 px)	Sasaki et al. 2017 (2000 px)	Simo-Serra et al. 2018a (2000 px)	(ran out of memory)	

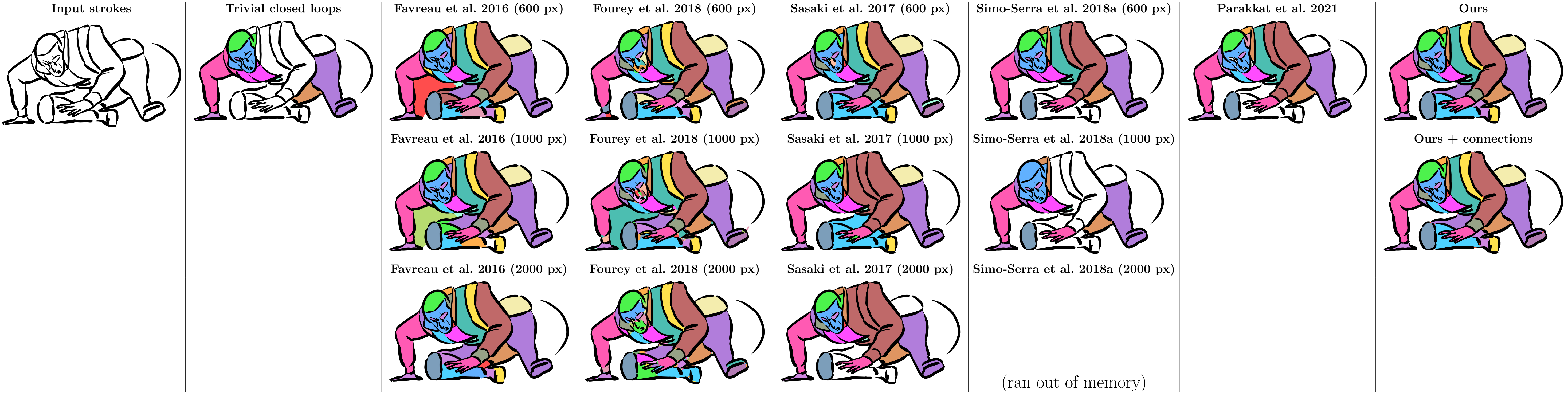
Comparison method (600 px)	Other	Both	Neither	Ours
[Favreau et al. 2016]	0	0	0	6
[Fourey et al. 2018]	0	1	1	4
[Sasaki et al. 2017]	0	3	1	2
[Simo-Serra et al. 2018a]	0	0	0	6
[Parakkat et al. 2021]	0	0	0	6







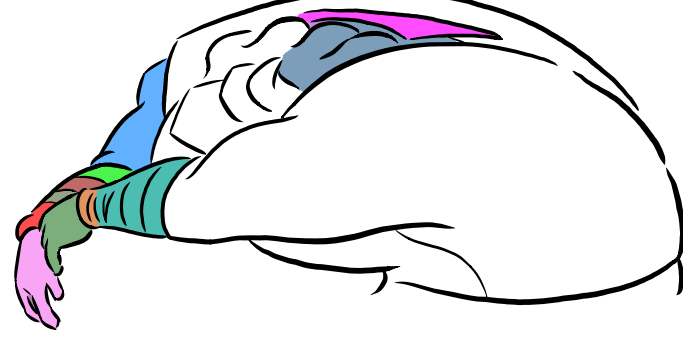
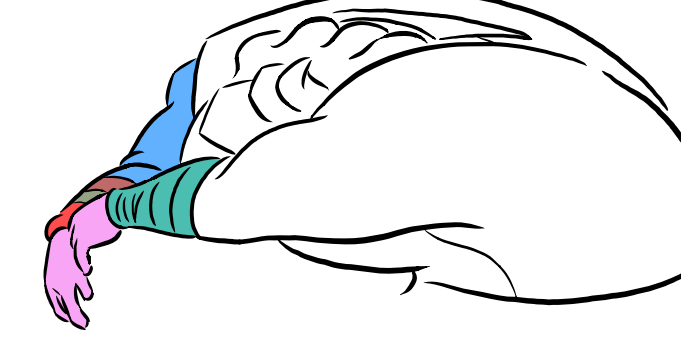
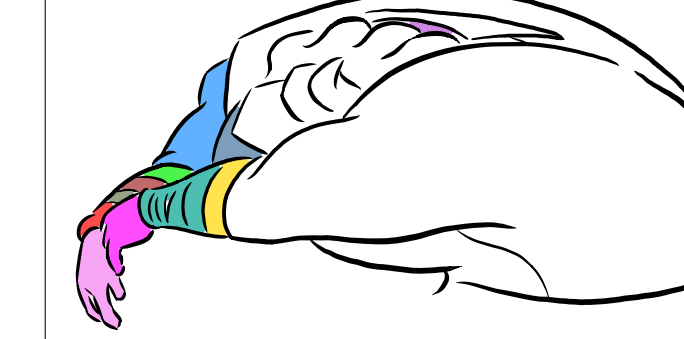
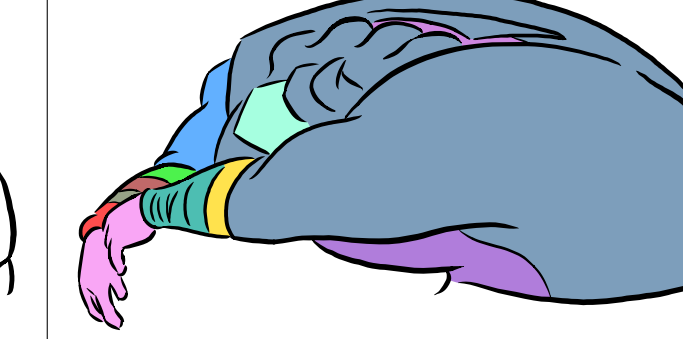
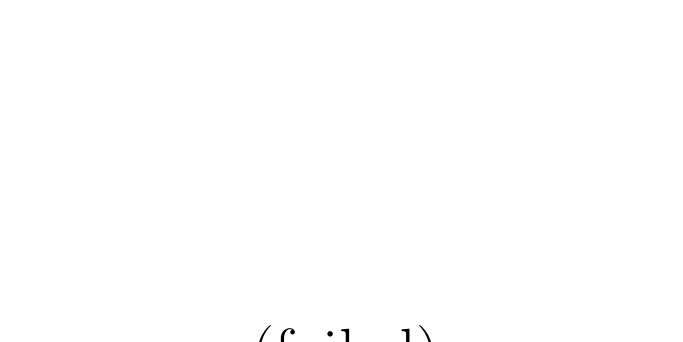
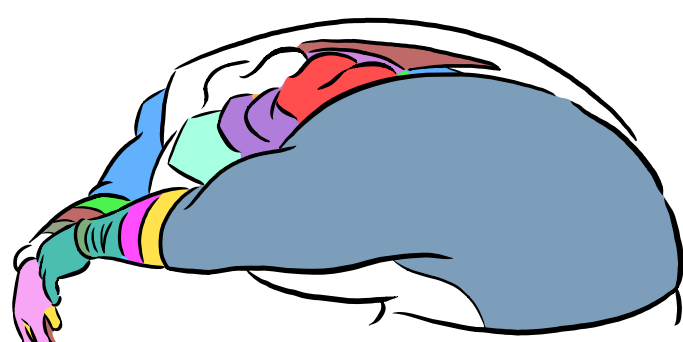
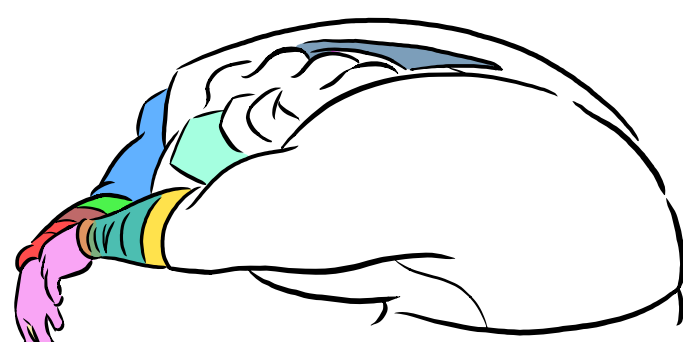

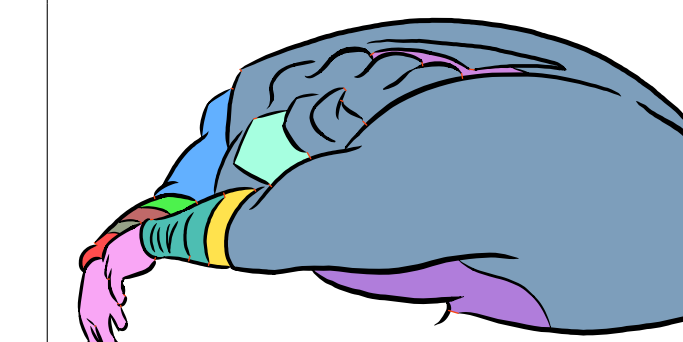
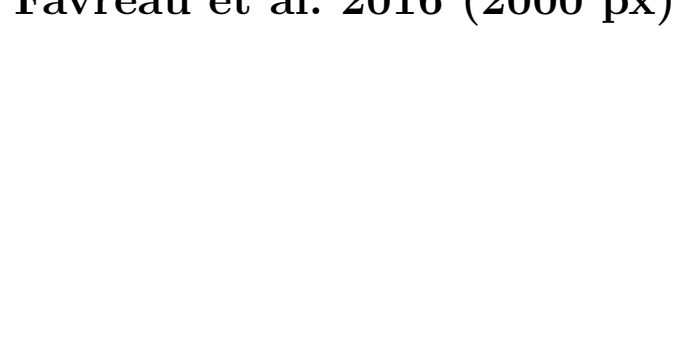


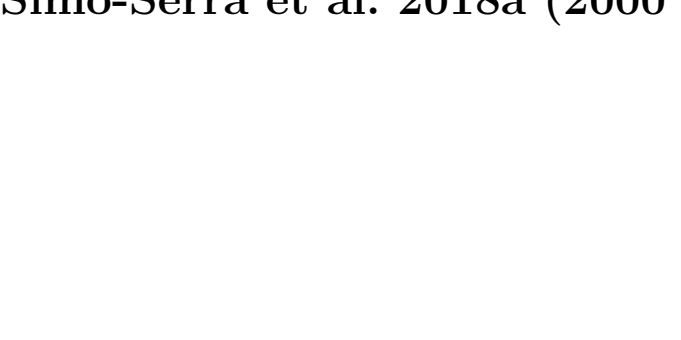
Comparison method (600 px)	Other	Both	Neither	Ours
[Favreau et al. 2016]	0	0	0	6
[Fourey et al. 2018]	0	0	3	3
[Sasaki et al. 2017]	1	1	3	1
[Simo-Serra et al. 2018a]	0	0	3	3
[Parakkat et al. 2021]	0	0	4	2



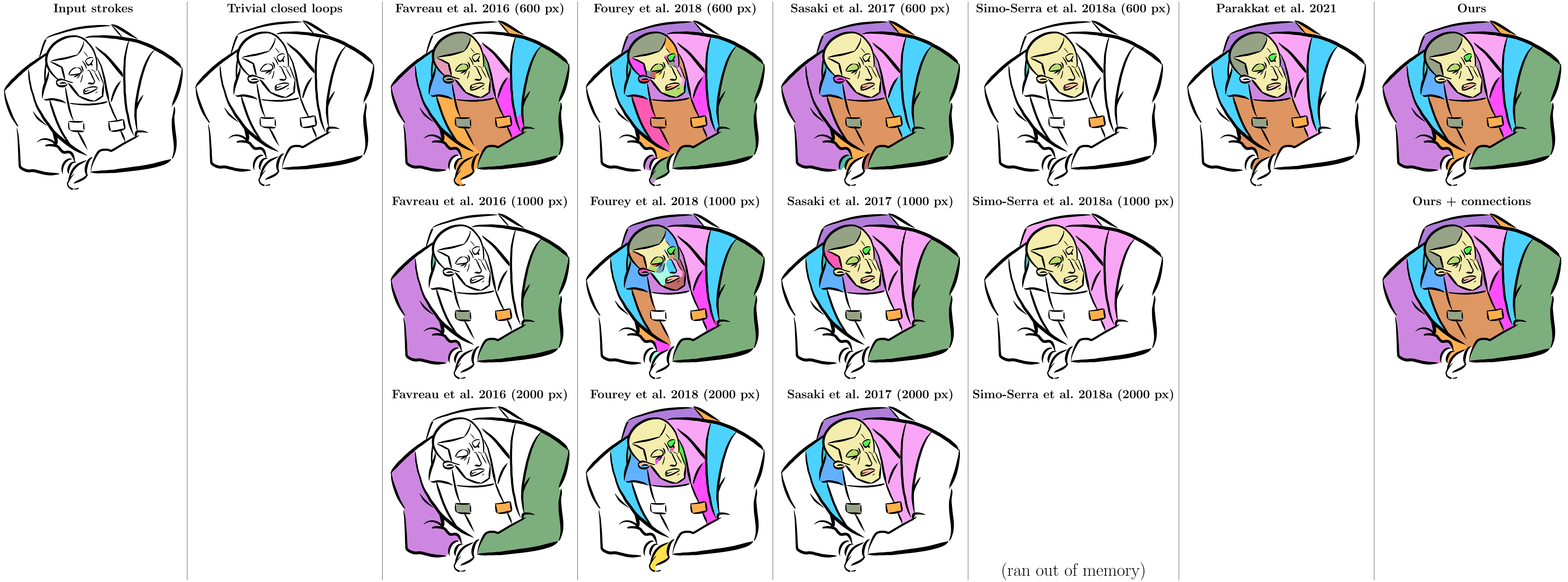
Comparison method (600 px)	Other	Both	Neither	Ours
[Favreau et al. 2016]	0	1	0	5
[Fourey et al. 2018]	0	1	0	5
[Sasaki et al. 2017]	0	1	0	5
[Simo-Serra et al. 2018a]	0	0	0	6
[Parakkat et al. 2021]	0	0	0	6



Comparison method (600 px)	Other	Both	Neither	Ours
[Favreau et al. 2016]	0	0	0	6
[Fourey et al. 2018]	1	0	2	3
[Sasaki et al. 2017]	0	0	1	5
[Simo-Serra et al. 2018a]	0	0	1	5
[Parakkat et al. 2021]	0	0	1	5

Input strokes	Trivial closed loops	Favreau et al. 2016 (600 px)	Fourey et al. 2018 (600 px)	Sasaki et al. 2017 (600 px)	Simo-Serra et al. 2018a (600 px)	Parakkat et al. 2021	Ours
							
		Favreau et al. 2016 (1000 px)	Fourey et al. 2018 (1000 px)	Sasaki et al. 2017 (1000 px)	Simo-Serra et al. 2018a (1000 px)		Ours + connections
							
		(failed) Favreau et al. 2016 (2000 px)	Fourey et al. 2018 (2000 px)	Sasaki et al. 2017 (2000 px)	Simo-Serra et al. 2018a (2000 px)		
							
		(failed)			(ran out of memory)		

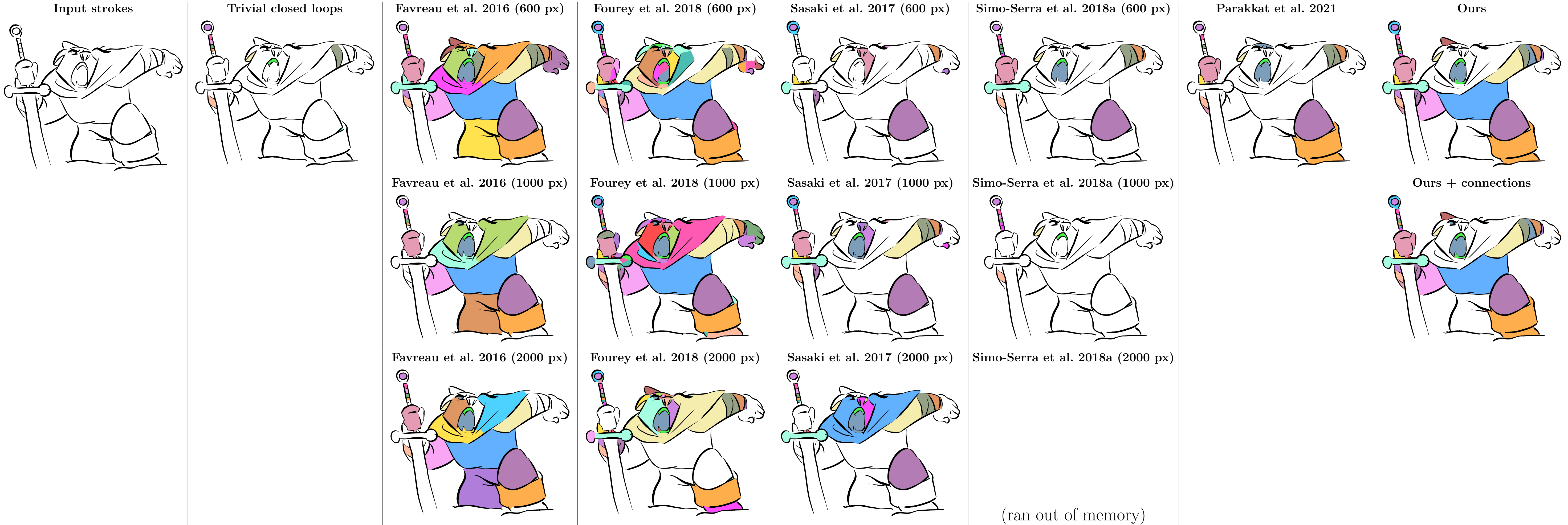
Comparison method (600 px)	Other	Both	Neither	Ours
[Favreau et al. 2016]	0	0	2	4
[Fourey et al. 2018]	0	0	4	2
[Sasaki et al. 2017]	0	0	0	6
[Simo-Serra et al. 2018a]	0	0	1	5
[Parakkat et al. 2021]	0	0	1	5



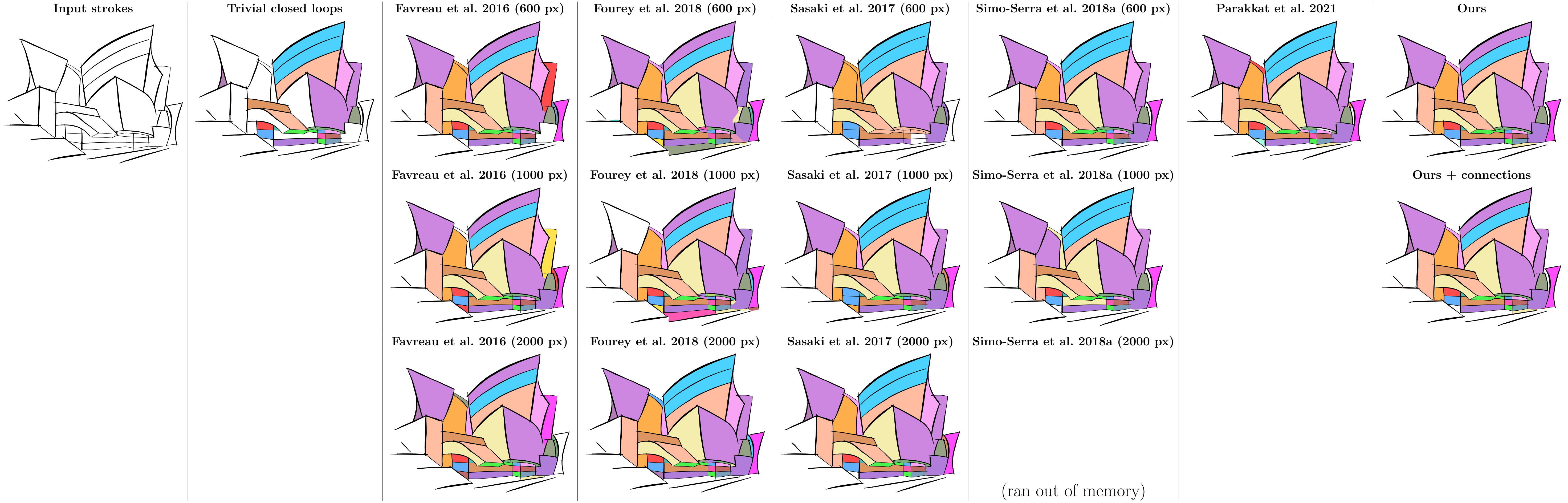
Comparison method (600 px)	Other	Both	Neither	Ours
[Favreau et al. 2016]	0	0	3	3
[Fourey et al. 2018]	0	0	4	2
[Sasaki et al. 2017]	0	0	3	3
[Simo-Serra et al. 2018a]	0	0	2	4
[Parakkat et al. 2021]	0	0	4	2



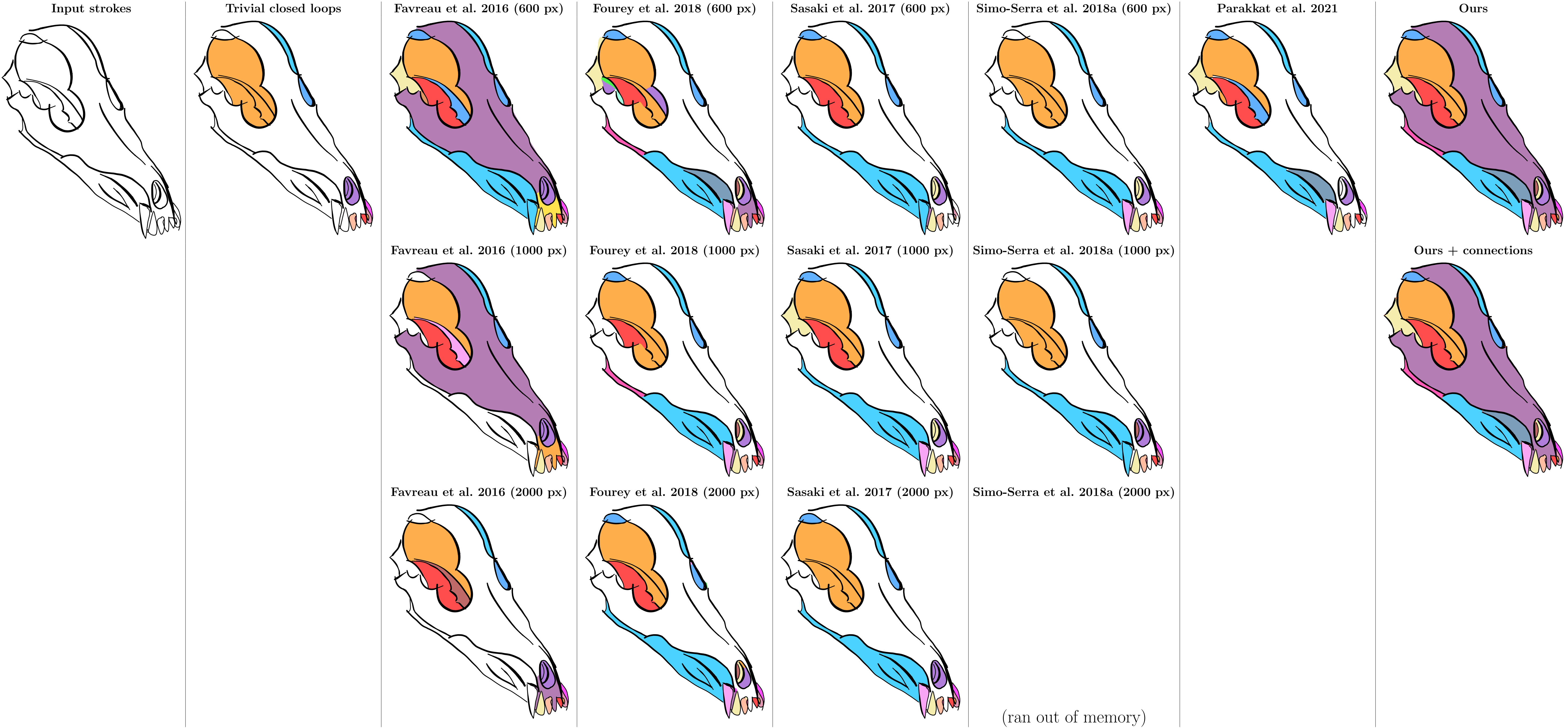
Comparison method (600 px)	Other	Both	Neither	Ours
[Favreau et al. 2016]	3	0	2	1
[Fourey et al. 2018]	0	0	6	0
[Sasaki et al. 2017]	0	0	5	1
[Simo-Serra et al. 2018a]	0	0	3	3
[Parakkat et al. 2021]	0	0	3	3



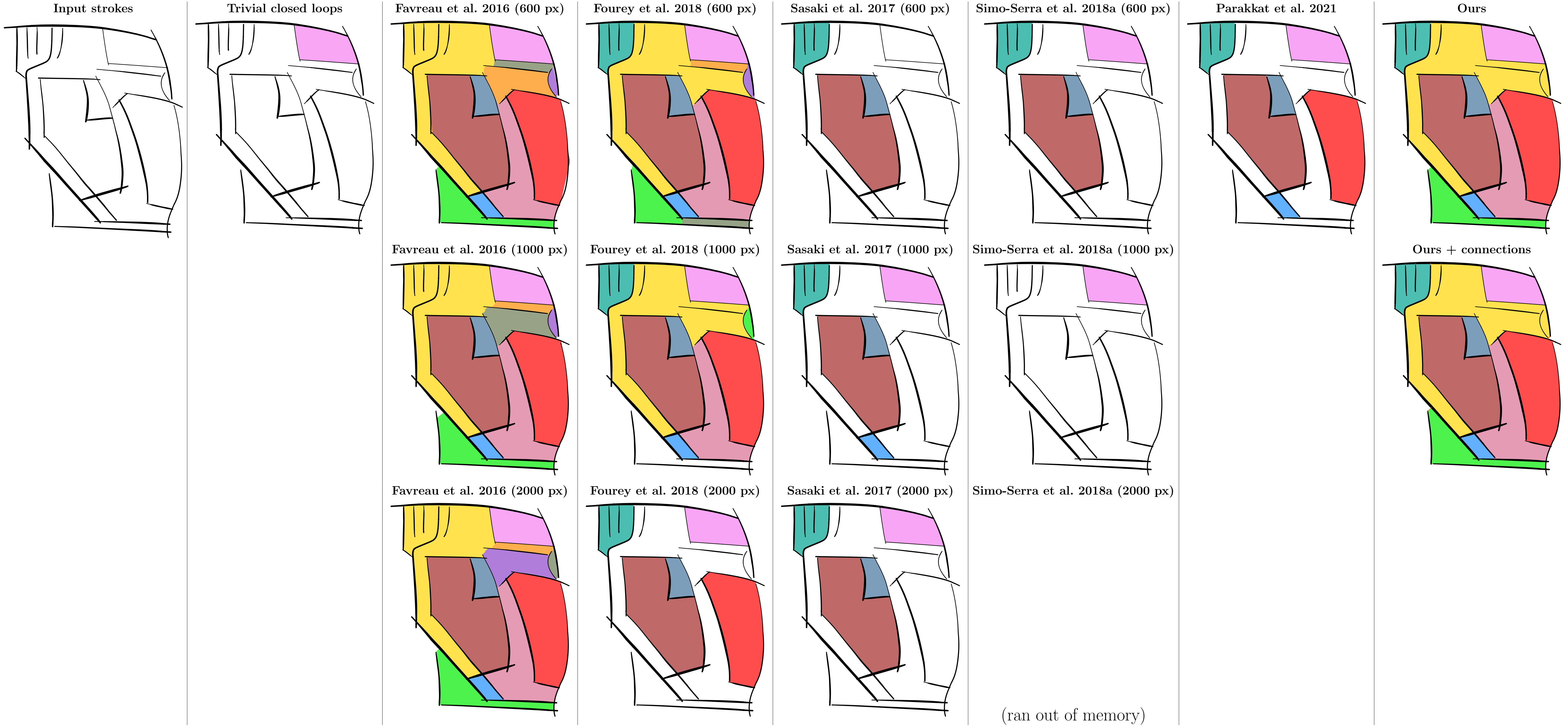
Comparison method (600 px)	Other	Both	Neither	Ours
[Favreau et al. 2016]	0	2	1	3
[Fourey et al. 2018]	1	2	0	3
[Sasaki et al. 2017]	0	0	2	4
[Simo-Serra et al. 2018a]	3	0	0	3
[Parakkat et al. 2021]	2	1	0	3



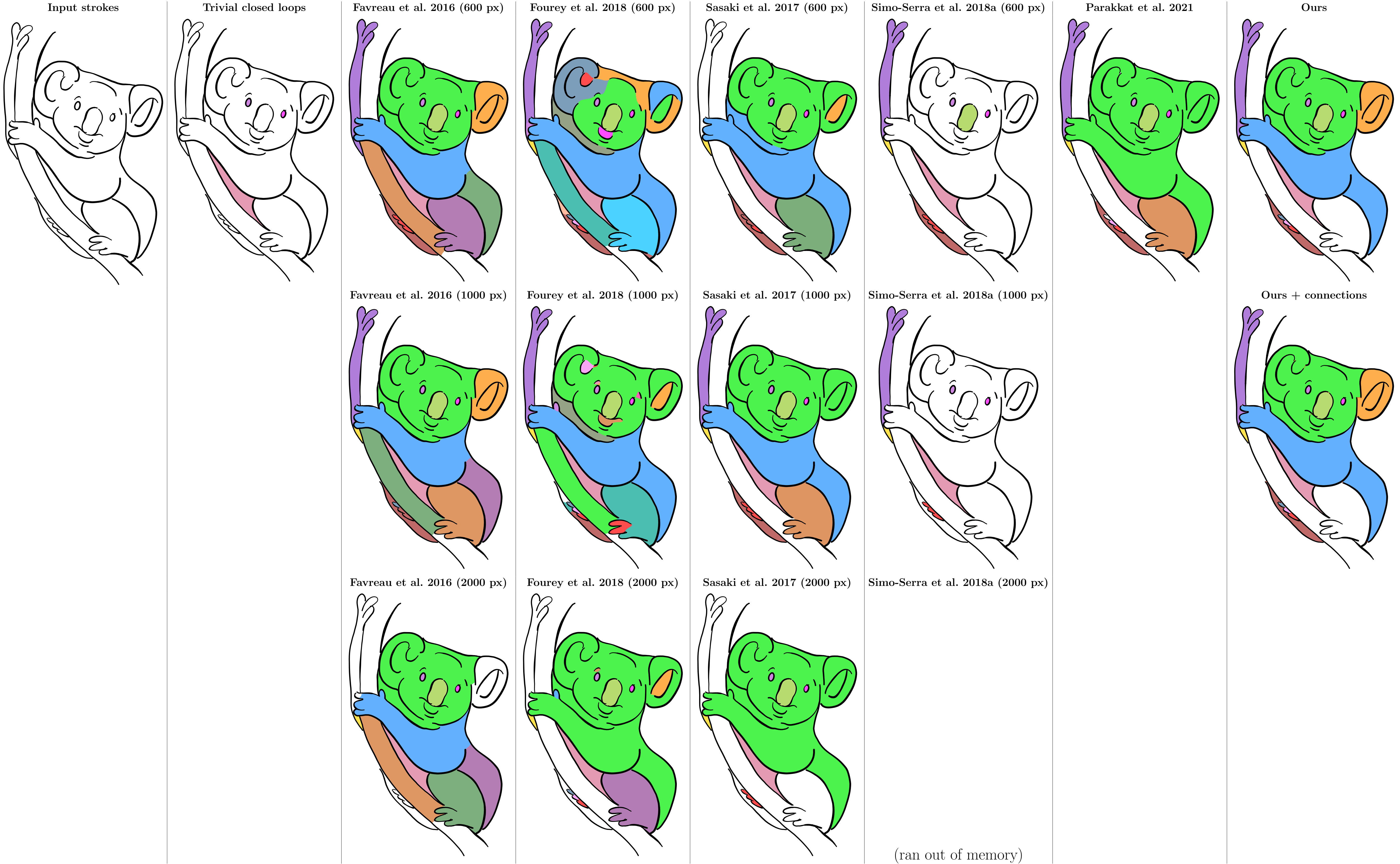
Comparison method (600 px)	Other	Both	Neither	Ours
[Favreau et al. 2016]	1	1	1	3
[Fourey et al. 2018]	0	0	0	6
[Sasaki et al. 2017]	0	0	0	6
[Simo-Serra et al. 2018a]	0	0	0	6
[Parakkat et al. 2021]	0	0	0	6



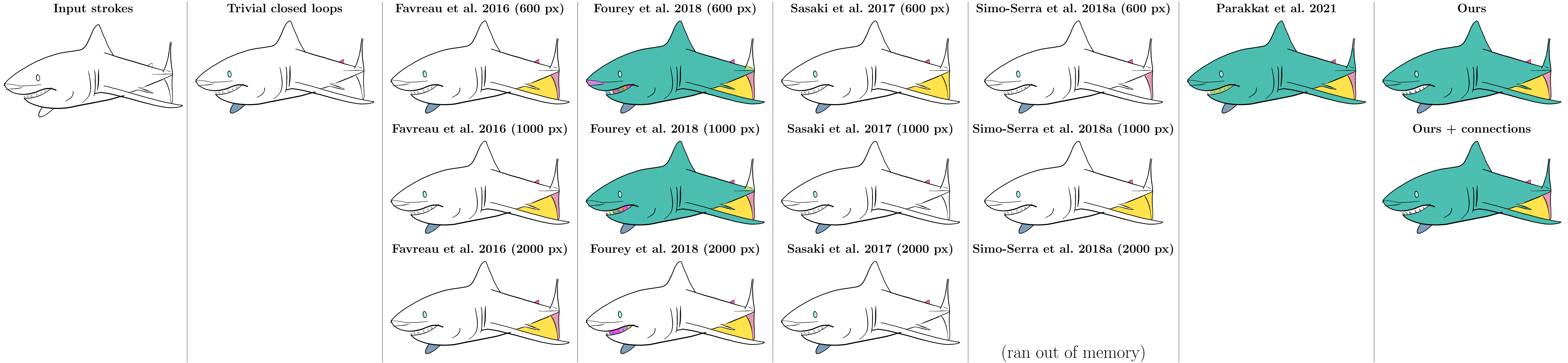
Comparison method (600 px)	Other	Both	Neither	Ours
[Favreau et al. 2016]	0	2	0	4
[Fourey et al. 2018]	3	1	0	2
[Sasaki et al. 2017]	0	0	1	5
[Simo-Serra et al. 2018a]	0	0	1	5
[Parakkat et al. 2021]	0	0	0	6



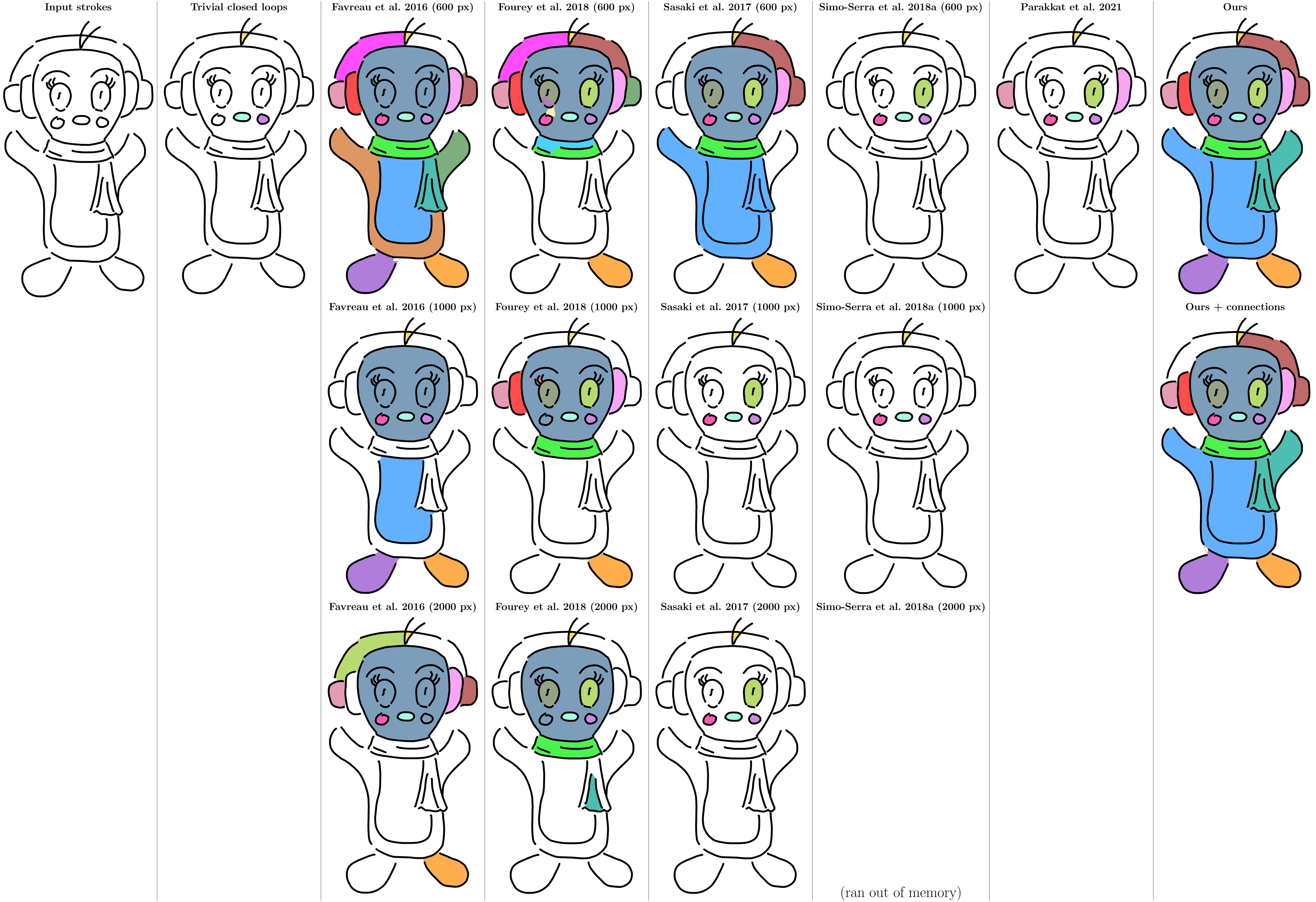
Comparison method (600 px)	Other	Both	Neither	Ours
[Favreau et al. 2016]	3	0	3	0
[Fourey et al. 2018]	2	0	3	1
[Sasaki et al. 2017]	2	0	4	0
[Simo-Serra et al. 2018a]	0	0	4	2
[Parakkat et al. 2021]	5	0	1	0



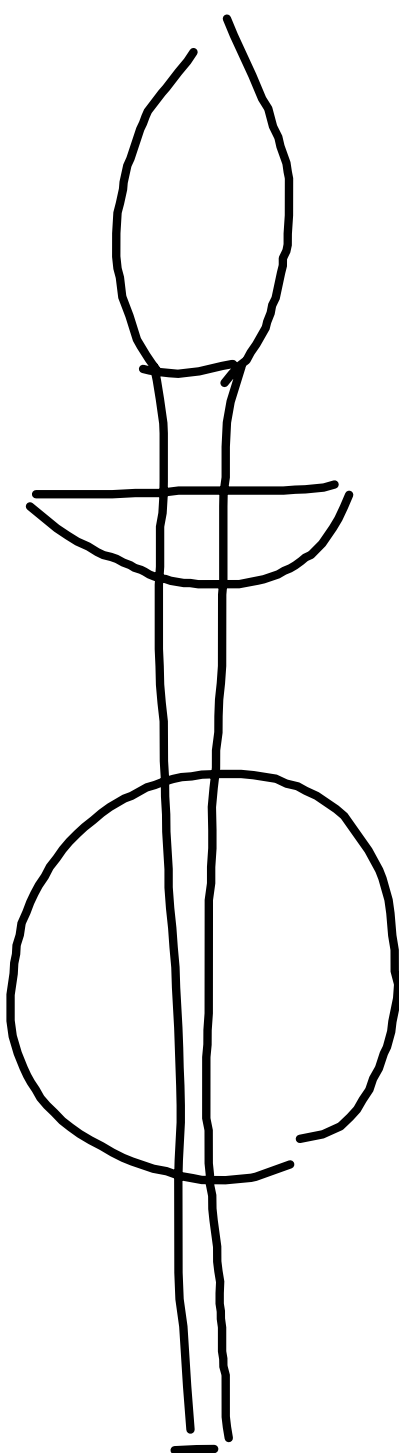
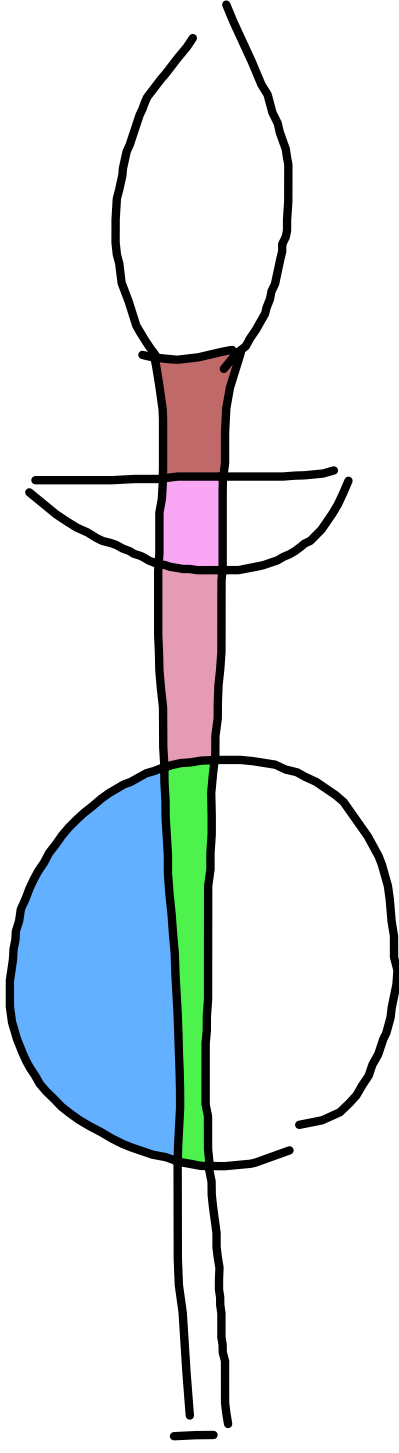
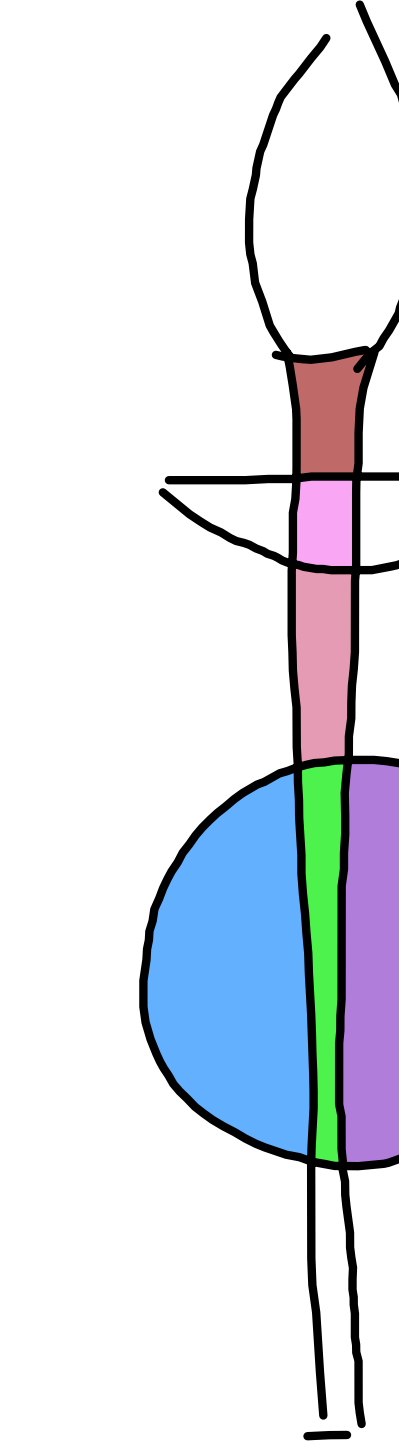
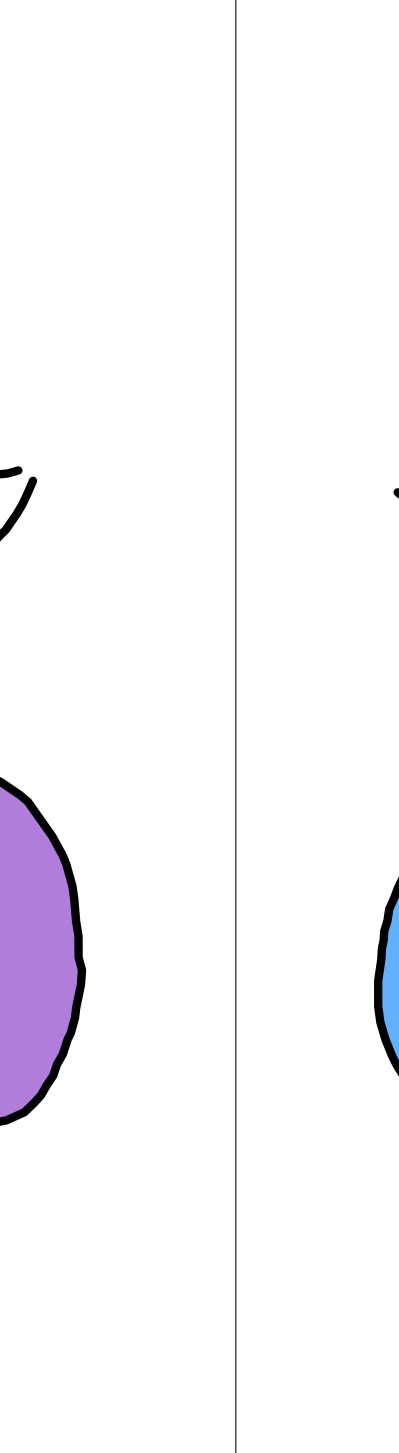
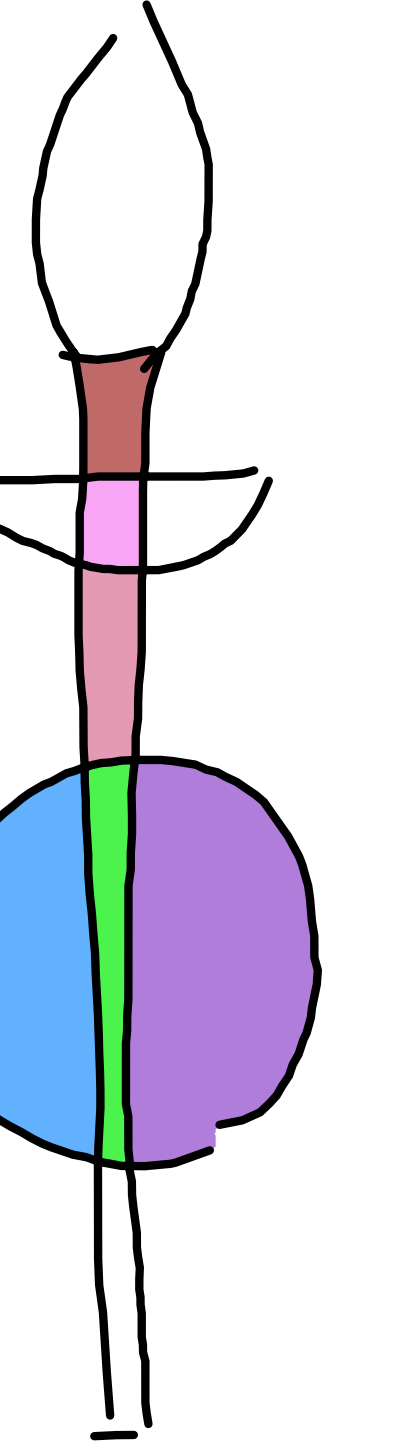
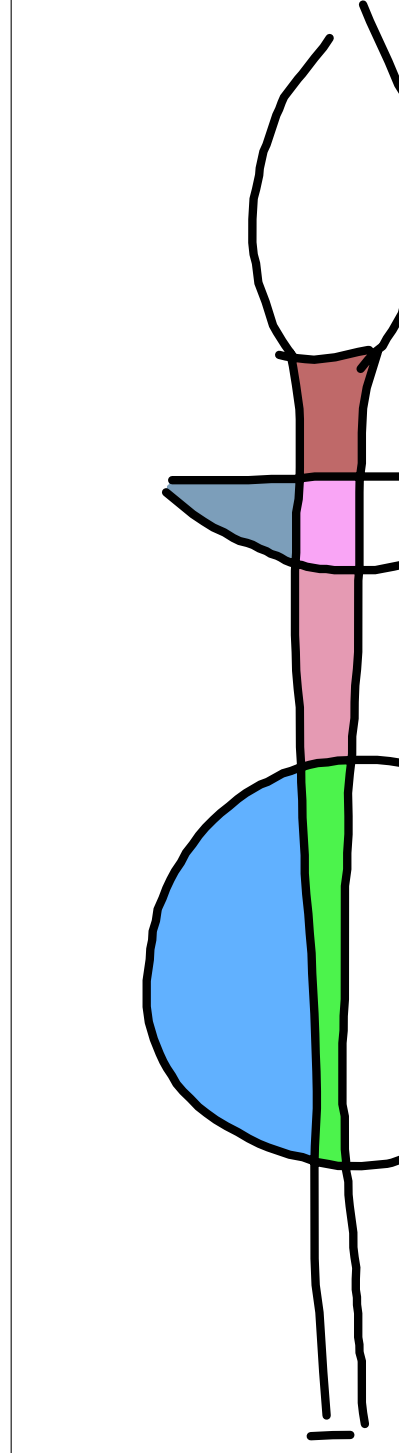
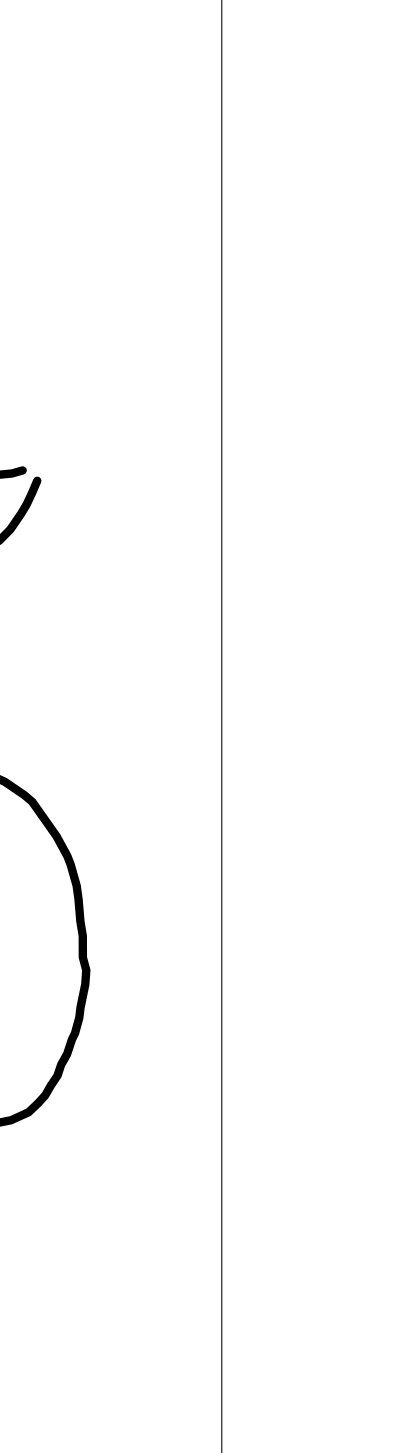
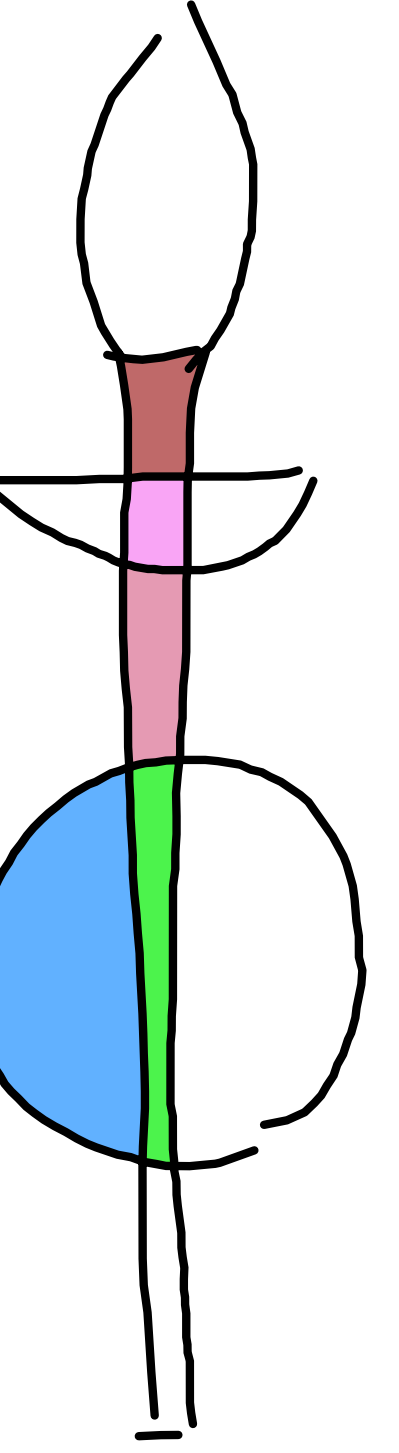
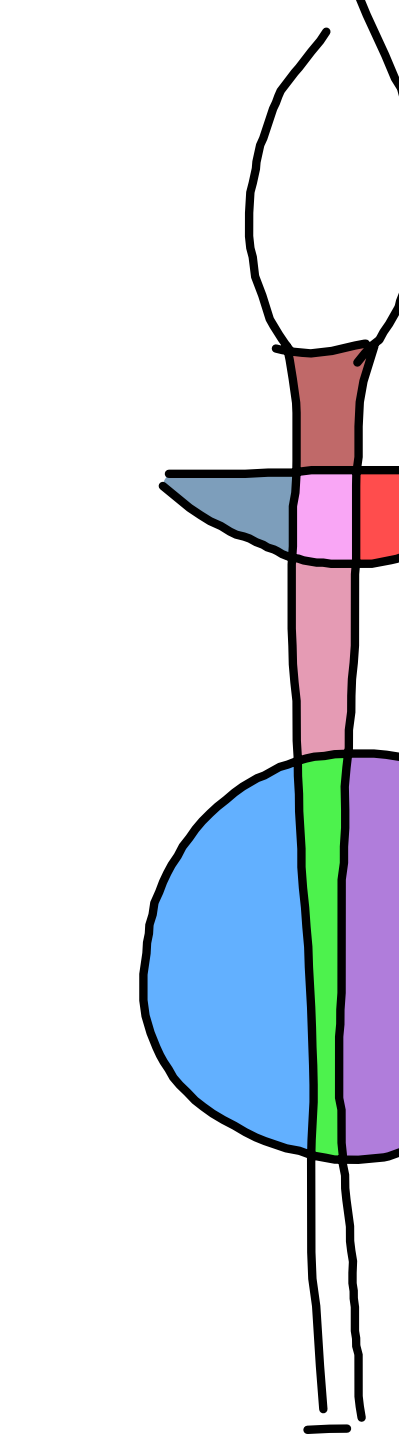
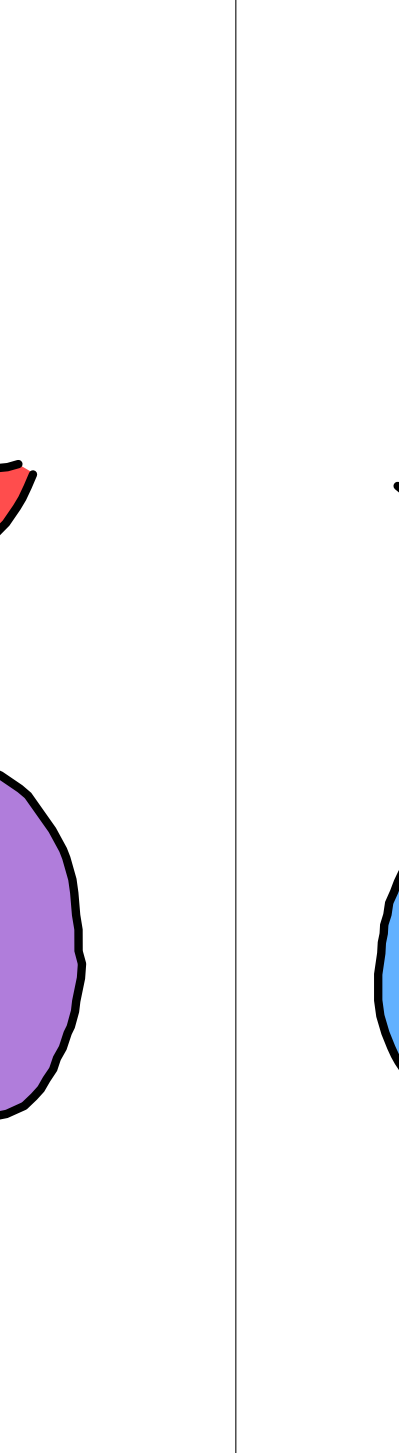
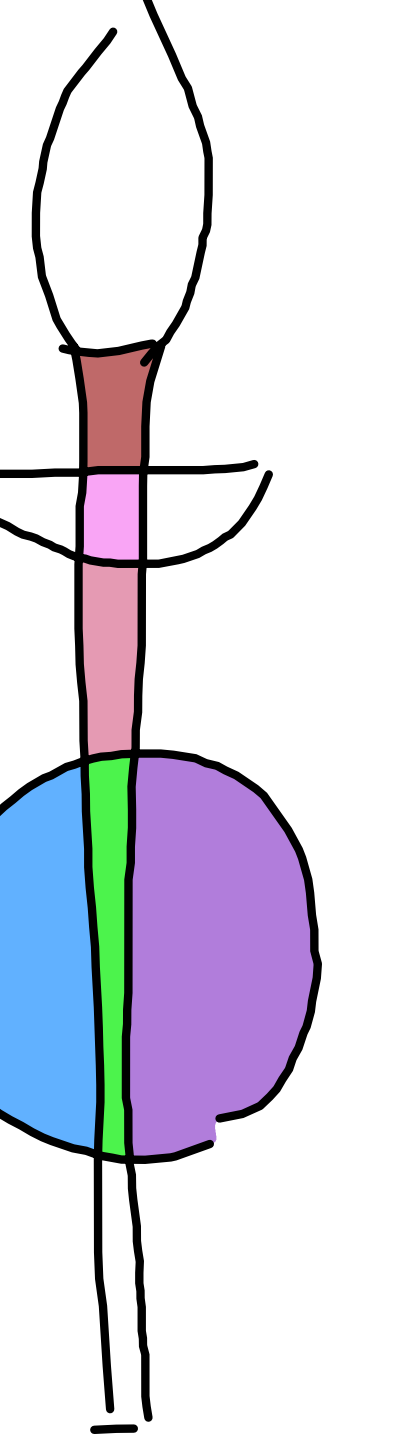

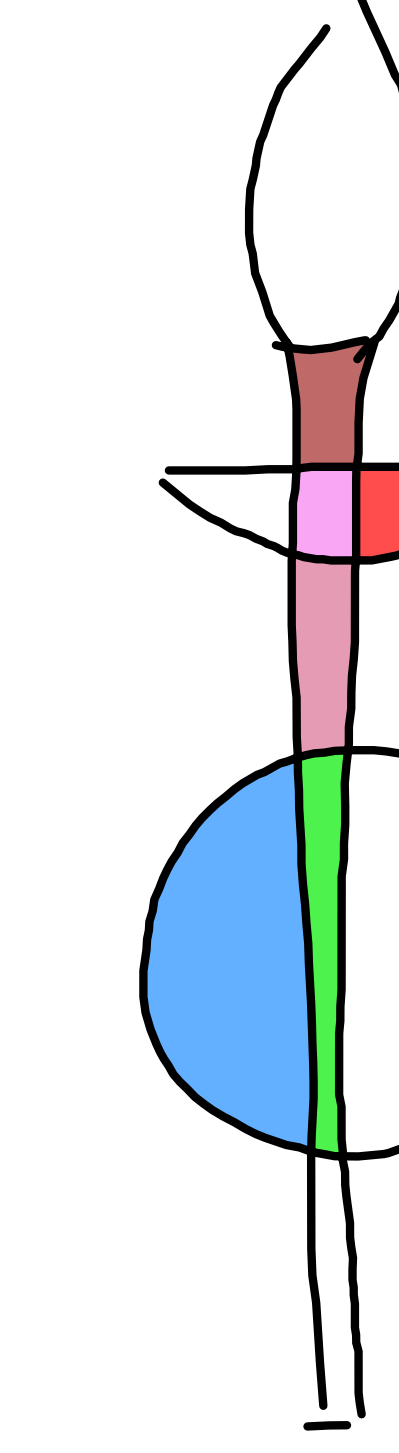
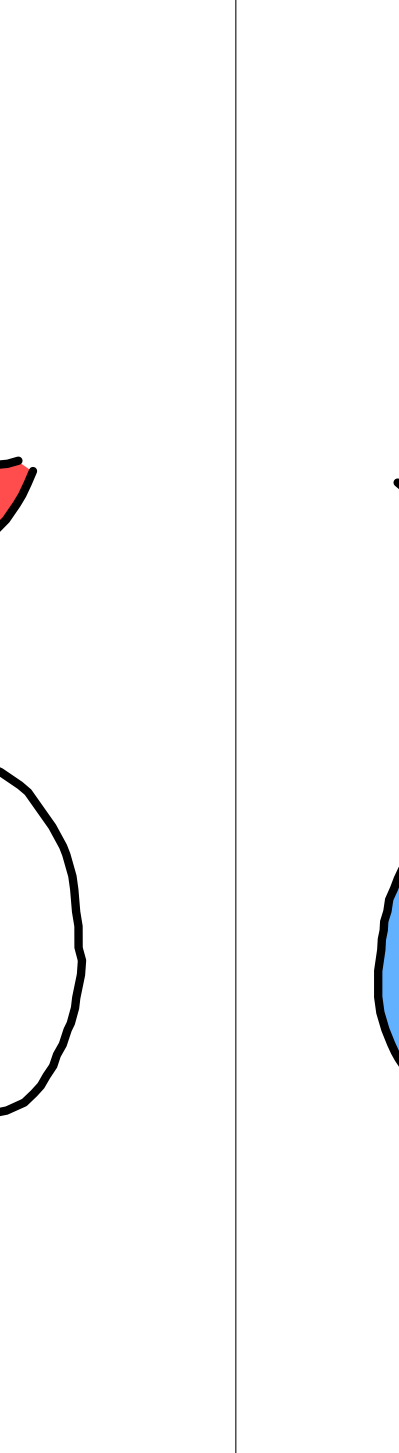
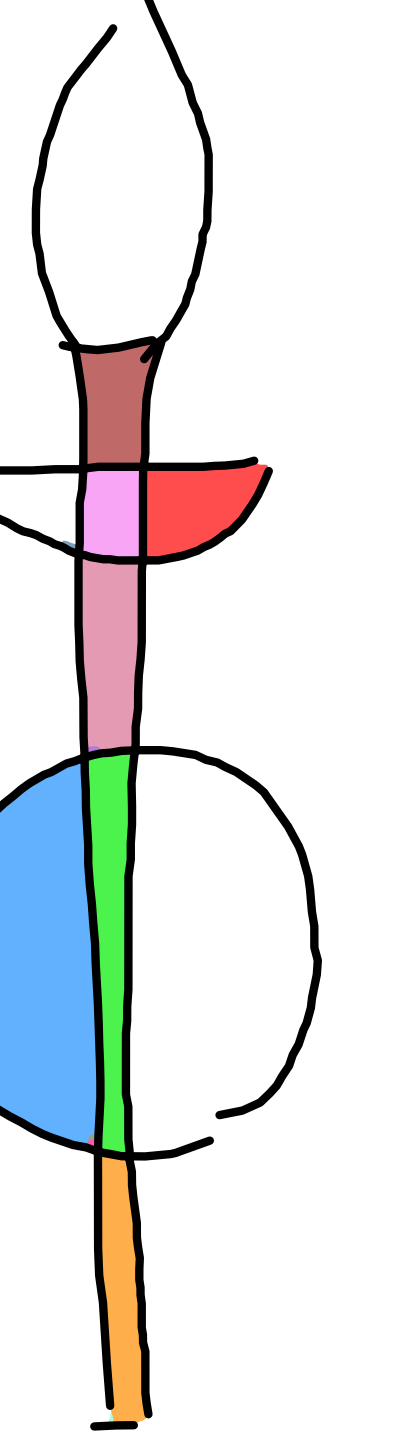
Comparison method (600 px)	Other	Both	Neither	Ours
[Favreau et al. 2016]	0	0	0	6
[Fourey et al. 2018]	0	0	2	4
[Sasaki et al. 2017]	0	0	4	2
[Simo-Serra et al. 2018a]	0	0	2	4
[Parakkat et al. 2021]	0	0	1	5



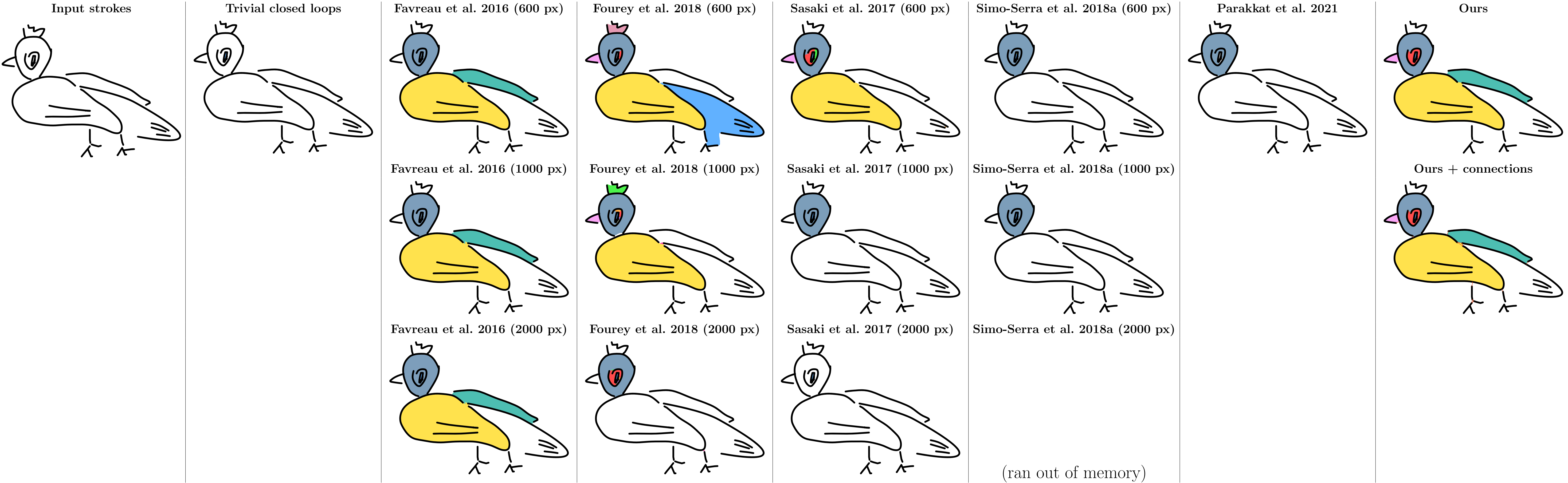
Comparison method (600 px)	Other	Both	Neither	Ours
[Favreau et al. 2016]	1	1	0	4
[Fourey et al. 2018]	0	0	5	1
[Sasaki et al. 2017]	0	0	3	3
[Simo-Serra et al. 2018a]	0	0	5	1
[Parakkat et al. 2021]	0	0	3	3



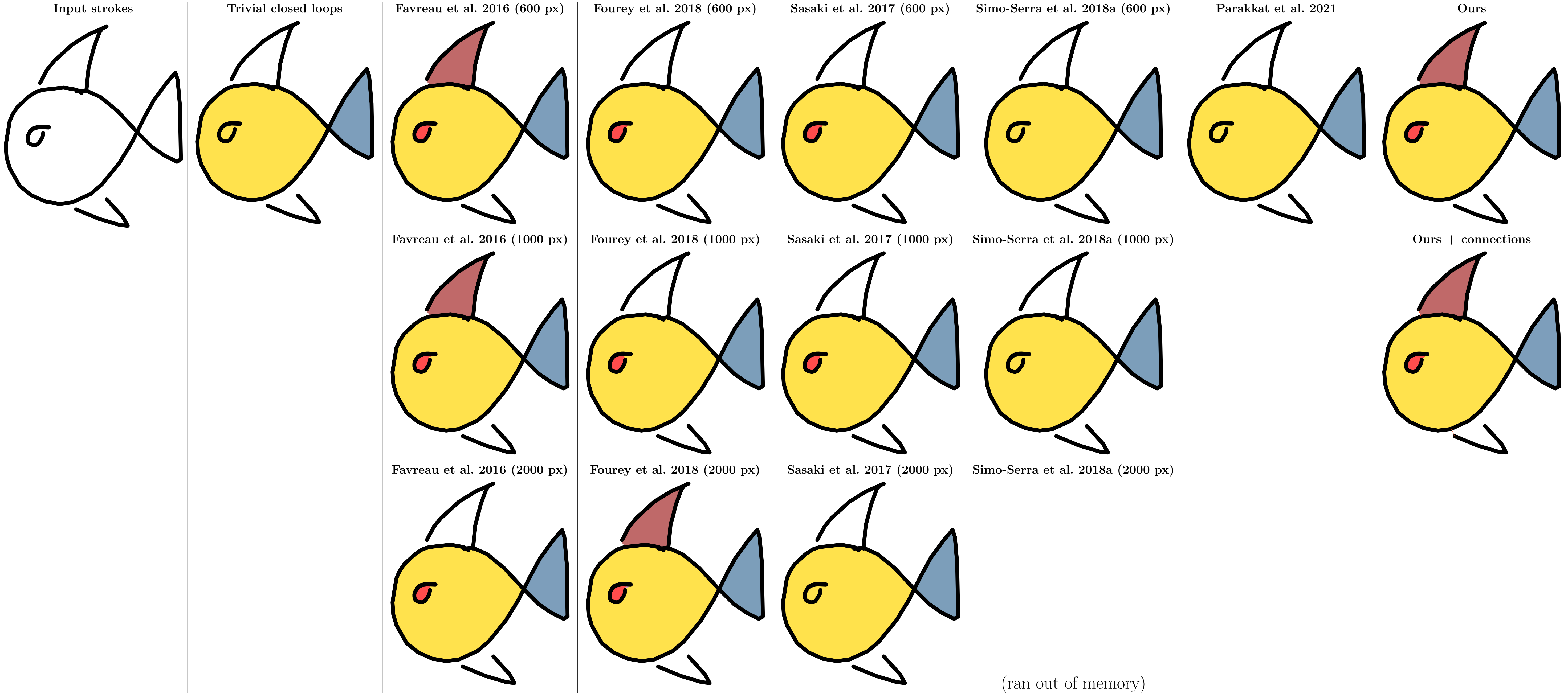
Comparison method (600 px)	Other	Both	Neither	Ours
[Favreau et al. 2016]	0	0	0	6
[Fourey et al. 2018]	0	0	0	6
[Sasaki et al. 2017]	0	0	0	6
[Simo-Serra et al. 2018a]	0	0	0	6
[Parakkat et al. 2021]	0	0	0	6

Input strokes	Trivial closed loops	Favreau et al. 2016 (600 px)	Fourey et al. 2018 (600 px)	Sasaki et al. 2017 (600 px)	Simo-Serra et al. 2018a (600 px)	Parakkat et al. 2021	Ours
							
		Favreau et al. 2016 (1000 px)	Fourey et al. 2018 (1000 px)	Sasaki et al. 2017 (1000 px)	Simo-Serra et al. 2018a (1000 px)		Ours + connections
							
		Favreau et al. 2016 (2000 px)	Fourey et al. 2018 (2000 px)	Sasaki et al. 2017 (2000 px)	(ran out of memory) Simo-Serra et al. 2018a (2000 px)		
							
					(ran out of memory)		

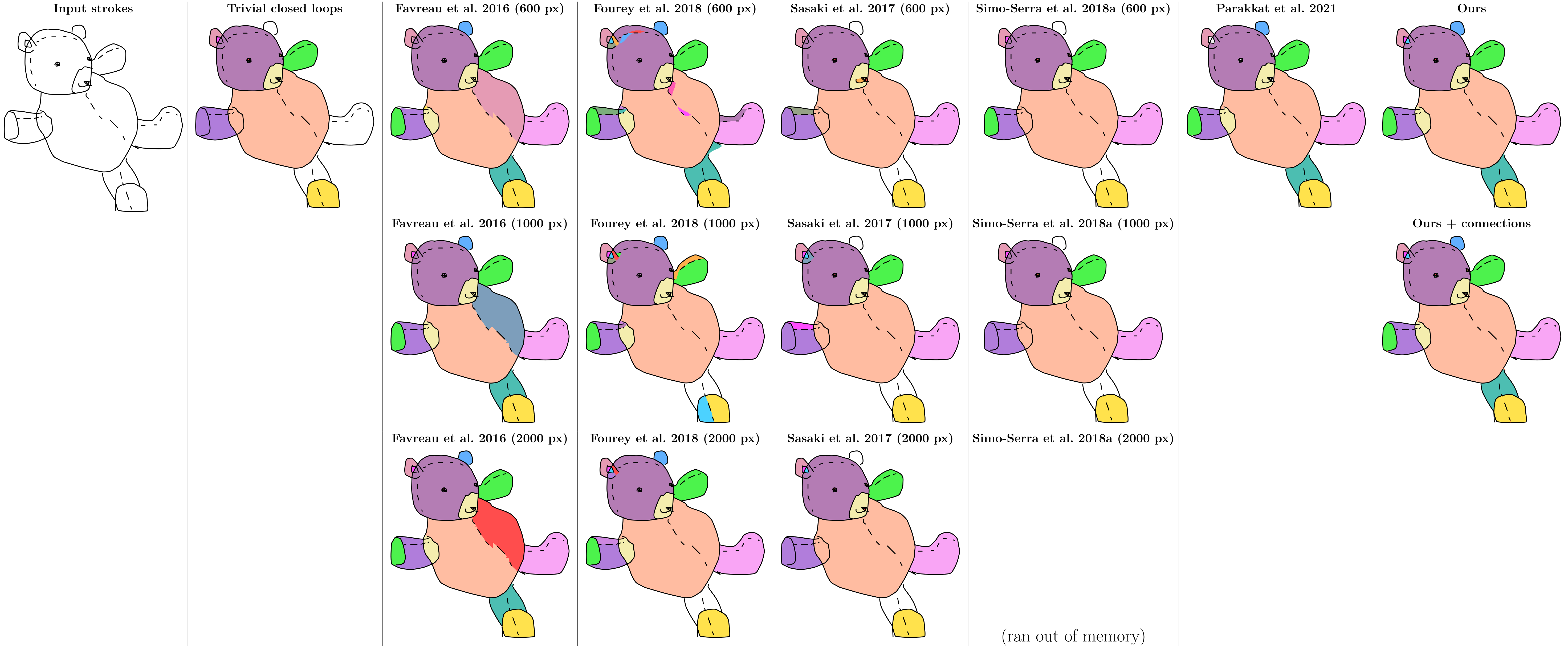
Comparison method (600 px)	Other	Both	Neither	Ours
[Favreau et al. 2016]	0	0	2	4
[Fourey et al. 2018]	0	0	5	1
[Sasaki et al. 2017]	0	0	5	1
[Simo-Serra et al. 2018a]	0	0	2	4
[Parakkat et al. 2021]	0	0	3	3



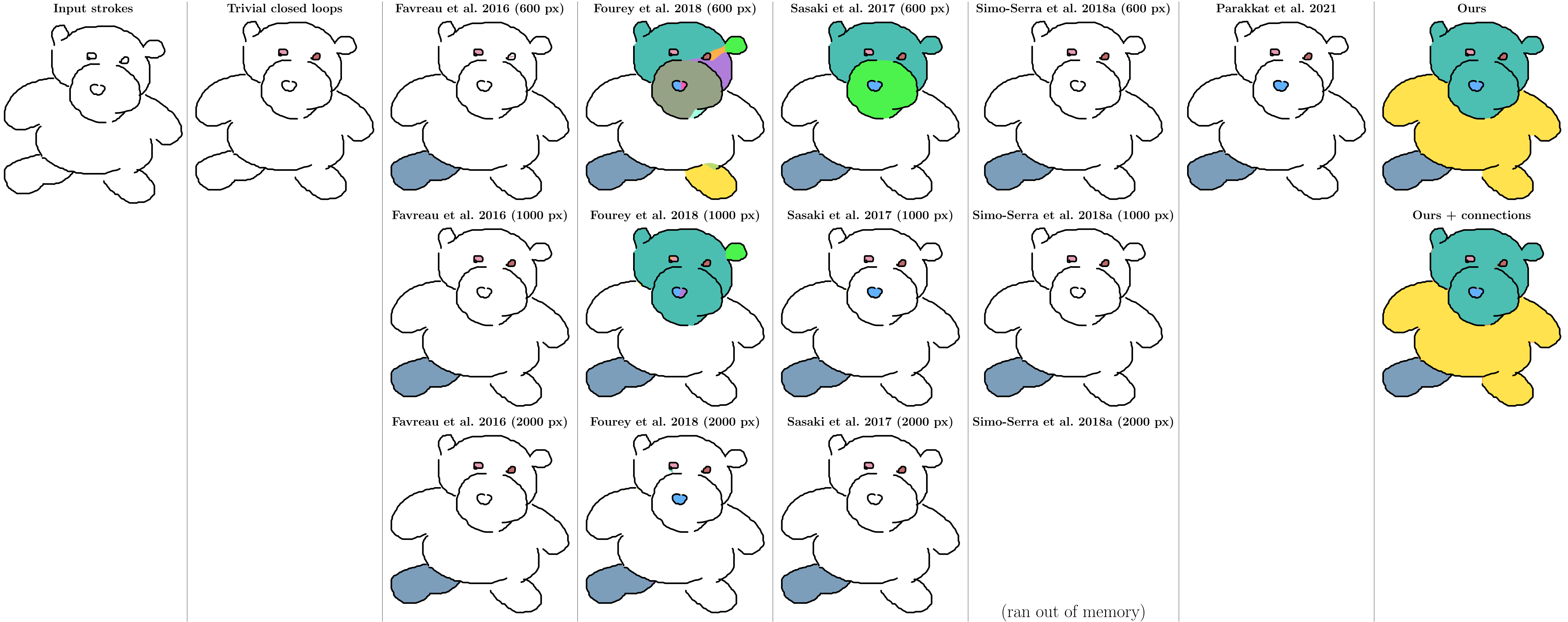
Comparison method (600 px)	Other	Both	Neither	Ours
[Favreau et al. 2016]	0	3	3	0
[Fourey et al. 2018]	0	0	3	3
[Sasaki et al. 2017]	0	0	3	3
[Simo-Serra et al. 2018a]	0	0	2	4
[Parakkat et al. 2021]	0	0	5	1



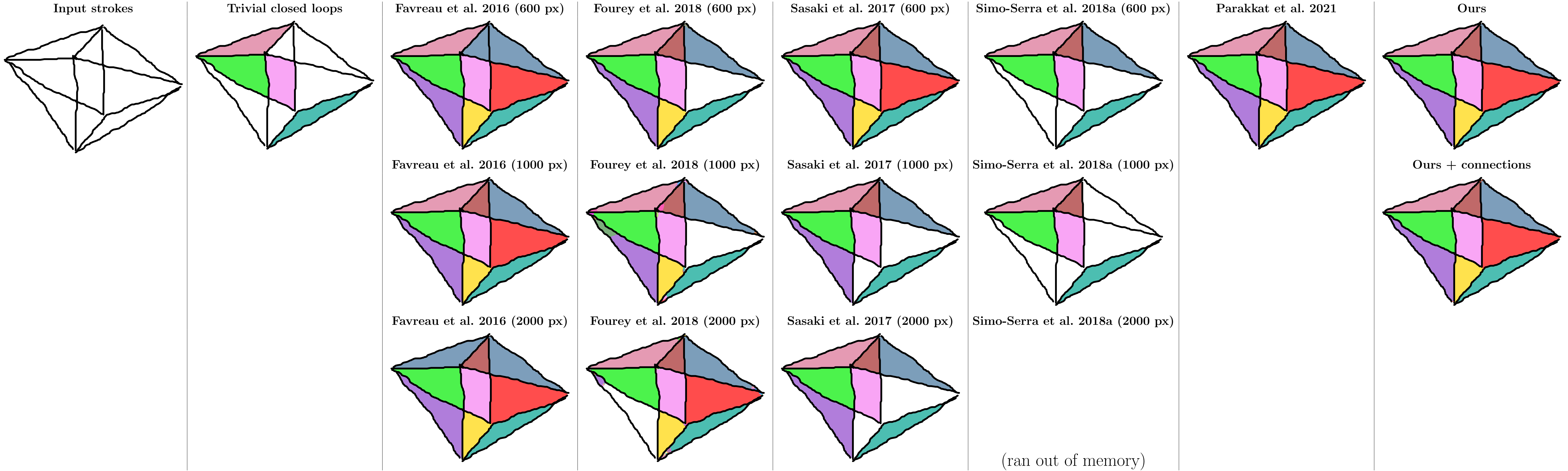
Comparison method (600 px)	Other	Both	Neither	Ours
[Favreau et al. 2016]	1	1	0	4
[Fourey et al. 2018]	0	0	0	6
[Sasaki et al. 2017]	0	0	0	6
[Simo-Serra et al. 2018a]	0	0	0	6
[Parakkat et al. 2021]	1	4	0	1



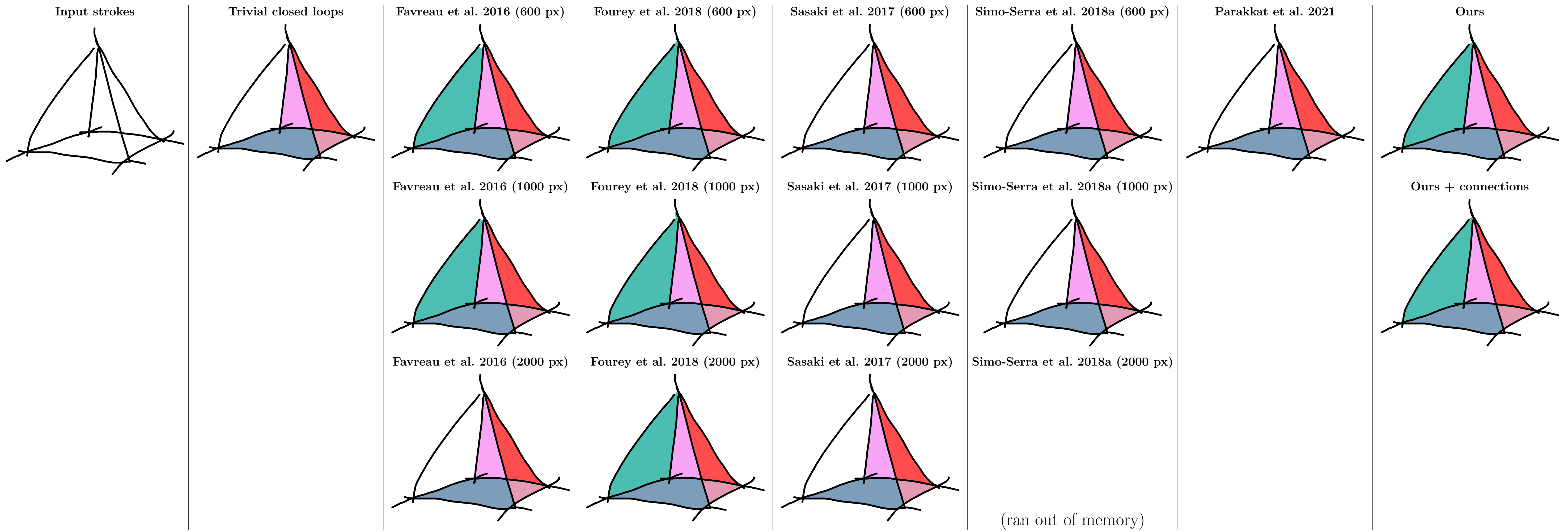
Comparison method (600 px)	Other	Both	Neither	Ours
[Favreau et al. 2016]	0	0	1	5
[Fourey et al. 2018]	0	0	1	5
[Sasaki et al. 2017]	0	0	0	6
[Simo-Serra et al. 2018a]	0	0	0	6
[Parakkat et al. 2021]	0	0	0	6



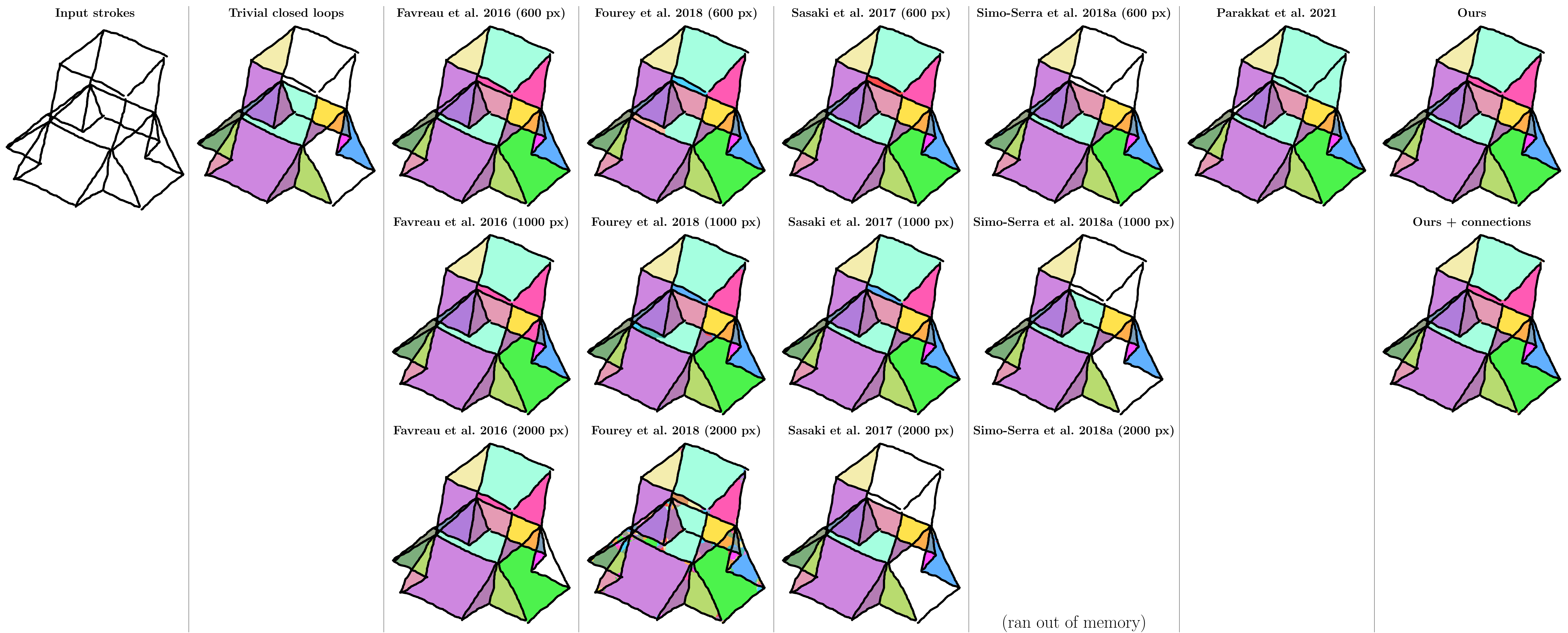
Comparison method (600 px)	Other	Both	Neither	Ours
[Favreau et al. 2016]	0	0	0	6
[Fourey et al. 2018]	0	0	0	6
[Sasaki et al. 2017]	0	6	0	0
[Simo-Serra et al. 2018a]	0	1	0	5
[Parakkat et al. 2021]	0	6	0	0







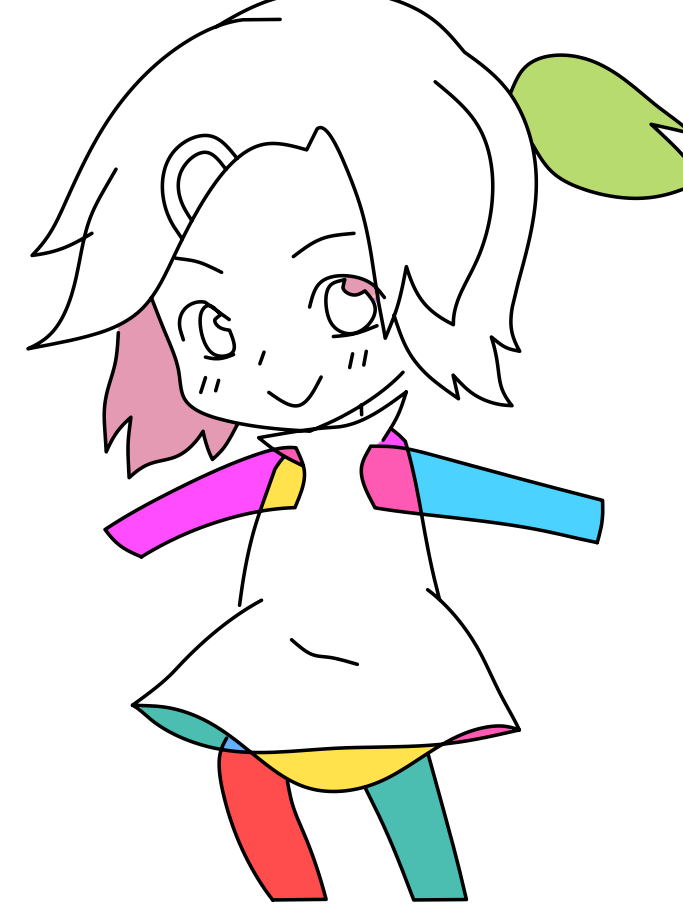










Comparison method (600 px)	Other	Both	Neither	Ours
[Favreau et al. 2016]	2	3	0	1
[Fourey et al. 2018]	0	5	0	1
[Sasaki et al. 2017]	0	0	0	6
[Simo-Serra et al. 2018a]	0	0	0	6
[Parakkat et al. 2021]	0	0	0	6



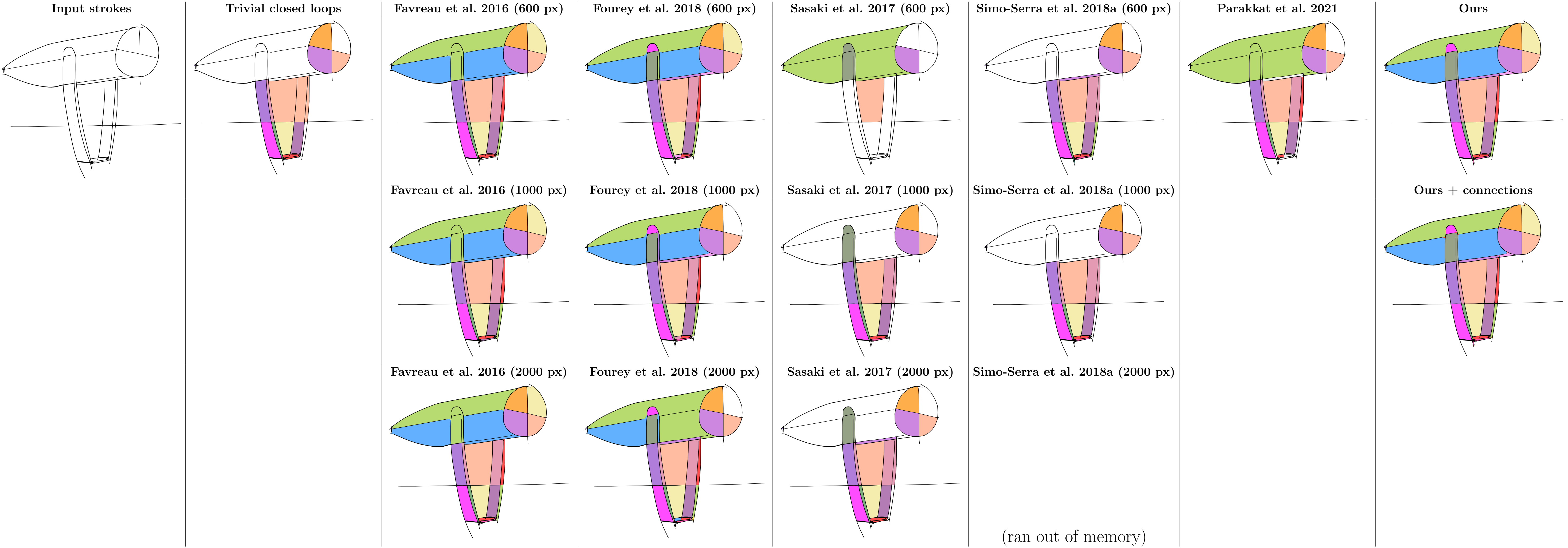
Comparison method (600 px)	Other	Both	Neither	Ours
[Favreau et al. 2016]	0	3	0	3
[Fourey et al. 2018]	0	2	1	3
[Sasaki et al. 2017]	1	2	0	3
[Simo-Serra et al. 2018a]	0	0	0	6
[Parakkat et al. 2021]	0	1	0	5



Comparison method (600 px)	Other	Both	Neither	Ours
[Favreau et al. 2016]	0	0	0	6
[Fourey et al. 2018]	0	0	1	5
[Sasaki et al. 2017]	0	0	0	6
[Simo-Serra et al. 2018a]	0	0	0	6
[Parakkat et al. 2021]	0	0	0	6

Input strokes	Trivial closed loops	Favreau et al. 2016 (600 px)	Fourey et al. 2018 (600 px)	Sasaki et al. 2017 (600 px)	Simo-Serra et al. 2018a (600 px)	Parakkat et al. 2021	Ours
							
		Favreau et al. 2016 (1000 px)	Fourey et al. 2018 (1000 px)	Sasaki et al. 2017 (1000 px)	Simo-Serra et al. 2018a (1000 px)		Ours + connections
							
		Favreau et al. 2016 (2000 px)	Fourey et al. 2018 (2000 px)	Sasaki et al. 2017 (2000 px)	Simo-Serra et al. 2018a (2000 px)		
							
					(ran out of memory)		

Comparison method (600 px)	Other	Both	Neither	Ours
[Favreau et al. 2016]	0	2	1	3
[Fourey et al. 2018]	1	3	0	2
[Sasaki et al. 2017]	0	0	0	6
[Simo-Serra et al. 2018a]	0	0	0	6
[Parakkat et al. 2021]	0	0	0	6



Comparison method (600 px)	Other	Both	Neither	Ours
[Favreau et al. 2016]	0	1	0	5
[Fourey et al. 2018]	0	0	1	5
[Sasaki et al. 2017]	0	0	0	6
[Simo-Serra et al. 2018a]	0	0	0	6
[Parakkat et al. 2021]	0	0	0	6

