

***Streptococcus salivarius* as important factor in dental biofilm homeostasis: influence on *Streptococcus mutans* and *Aggregatibacter actinomycetemcomitans* in mixed biofilm**

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Table S1. Comparison of the number (\log_{10} CFU/mL) of individual bacterial species in non-salivarius and salivarius mixed biofilm

	d-PTFE-Permamem			d-PTFE-Cytoplast			Dentin			Hydroxyapatite		
	non-salivarius biofilm	salivarius biofilm	P*									
	Median (95% CI for median)	Median (95% CI for median)		Median (95% CI for median)	Median (95% CI for median)		Median (95% CI for median)	Median (95% CI for median)		Median (95% CI for median)	Median (95% CI for median)	
0 h												
<i>S. salivarius</i>	-	4,716 (4,51 – 4,83)	-	-	6,312 (6,26 – 6,36)	-	-	6,989 (6,21 – 7,16)	-	-	6,317 (6,28 – 6,36)	-
<i>S. mutans</i>	6,597 (6,55 – 6,39)	6,491 (6,24–6,47)	0,002	6,311 (6,26 – 6,36)	6,137 (6,05 – 6,25)	0,005	6,782 (6,76 – 6,79)	6,331 (6,48 – 6,59)	0,004	6,618 (6,58 – 6,64)	1 (1 – 1)	0,002
<i>S. oralis</i>	5,597 (5,55 – 5,64)	5,439 (5,39 – 5,49)	0,002	5,190 (5,09 – 5,25)	4,977 (4,18 – 5,13)	0,01	5,597 (5,56 – 5,65)	7,064 (6,96 – 7,11)	0,004	6,296 (6,27 - 6,36)	6,199 (6,15 – 6,24)	0,002
<i>A.actinomycete mcomitans</i>	-	-	-	-	-	-	-	-	-	-	-	-
24 h												
<i>S. salivarius</i>	-	4,484 (4,42 – 4,53)	-	-	6,505 (6,45 – 6,55)	-	-	7,169 (4,13 – 7,20)	-	-	7,250 (7,22 – 7,28)	-
<i>S. mutans</i>	6,597 (6,56 – 6,63)	5,312 (5,25–5,38)	0,002	7,055 (7,0 – 7,09)	6,021 (5,91-6,11)	0,002	7,306 (7,26-7,36)	5,360 (5,26 – 5,48)	0,002	7,306 (7,24 – 7,33)	2,301 (2,0 – 2,58)	0,004
<i>S. oralis</i>	6,648 (6,61 – 6,67)	5,591 (5,52 – 5,71)	0,002	7,085 (7,07 – 7,09)	6,021 (5,98 – 6,08)	0,004	7,484 (7,44 – 7,50)	6,703 (6,66 – 6,74)	0,002	6,771 (6,74 – 6,82)	7,161 (7,09 – 7,24)	0,002

<i>A.actinomycete</i>	7,916	5,079		7,708	6,959		5,597	5,823		7,169	6,511	
<i>mcomitans</i>	(7,85 – 7,99)	(4,94 – 5,07)	0,002	(6,88 – 7,78)	(6,10 – 6,99)	0,04	(5,55 – 5,64)	(5,78 – 5,86)	0,002	(7,15 – 7,19)	(6,45 – 6,62)	0,002
72 h												
<i>S. salivarius</i>	-	7,491		-	6,397		-	5,968		-	7,060	
		(7,28 – 7,59)			(6,28 – 6,48)			(5,88 – 6,03)			(7,0 – 7,20)	
<i>S. mutans</i>	6,703	7,105	0,004	5,539	6,100	0,002	6,892	5,484	0,004	7,289	5,332	0,002
	(6,69 – 6,72)	(6,96–7,14)		(5,03-5,76)	(5,96-6,24)		(6,88 – 6,90)	(5,41 – 5,61)		(7,19 – 7,32)	(5,26 – 5,41)	
<i>S. oralis</i>	6,069	7,039	0,002	6,190	6,484	0,004	6,454	5,167	0,002	5,266	6,021	0,002
	(4,91 – 6,14)	(6,93 – 7,14)		(6,15 – 6,27)	(6,39 – 6,55)		(6,09 – 6,49)	(4,92 – 5,46)		(5,15 – 5,46)	(2,93 – 6,11)	
<i>A.actinomycete</i>	7,039	6,423	0,002	7,175	6,707	0,002	8,176	6,379	0,004	7,839	6,719	0,002
<i>mcomitans</i>	(6,93 – 7,16)	(6,28 – 6,49)		(7,09 – 7,20)	(6,64 – 6,79)		(8,15 – 8,28)	(6,28 – 6,48)		(7,80 – 7,88)	(6,67 – 6,79)	

95% CI – 95% Confidence interval: *Mann Whitney U test; Bold denotes significant