

**Table S2.** Comparison of levels of Anti-RgpA, Anti-PPAD and AntiPPAD-RgpA double positive with periodontitis severity and RA activity.

Variable	RA Periodontitis +	RA Periodontitis -	RA Severity +	RA Severity -	RA Activity +	RA Activity -
<b>RgpA Q2</b>						
<Q2	44 (80)	11(20)	43 (78)	12(22)	16(29)	39(71)
≥Q2	75(85)	13(15)	75 (85)	13(15)	31(35)	57(65)
<b>RgpA Q1</b>						
<Q1	79(81)	18(19)	78 (80)	19 (20)	28(29)	69(72)
>Q1	40(87)	6(13)	40 (87)	6 (13)	19(9)	27(91)
<b>PPAD</b>						
<Q2	53(89)	6(11)	52(88)	7(12)	18(31)	41(69)
>Q2	66(79)	18(21)	66(79)	18 (21)	29(35)	55(65)
<b>PPAD</b>						
<Q1	<b>79(89)**</b>	10(11)	<b>78 (88) **</b>	11(12)	27(30)	62(70)
>Q1	40(74)	14 (26)	40(64)	14(36)	20(37)	34(63)
<b>PPAD/Rg</b>						
<b>pAQ2</b>	95 (85)	17 (15)	94 (84)	18 (26)	18 (30)	42(70)
<b>Positive</b>	24 (77)	7 (23)	24 (77)	7 (33)	29 (35)	54(65)
<b>Negative</b>						
<b>PPAD/Rg</b>						
<b>pAQ1</b>	105(84)	20 (16)	104(83)	21(17)	29(30)	70(70)

<b>Positive</b>	14 (78)	4 (22)	14(78)	4 (28)	18(41)	26 (59)
<b>negative</b>						

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\*\* Significant difference ( $p < 0.05$ ). RA= Rheumatoid arthritis. RgpA= arginine-gingipain; PPAD= Pg-peptidyl arginine deiminase.