Supplementary Table1-A: The associations between taking anticonvulsants before the onset and findings in the acute stage

The association between Taking Anticonvulsants before the onset and Severe conjunctivitis at the acute stage

Country	Conjunctivitis (+)	Conjunctivitis (+)	OR	95%CI	
	/ Anticonvulsants (+)	/ Anticonvulsants (-)	OK		
Japan (N=250)	8/8(100.0%)	57/57(100.0%)	0.15 *	[0.01 , 2.95] *	•
South Korea (N=94)	3/4(75.0%)	54/65(83.1%)	0.61	[0.07 , 5.60]	· · · · · · · · · · · · · · · · · · ·
Brazil (N=90)	24/24(100.0%)	61/61(100.0%)	0.40 *	[0.01 , 10.77] *	-
Thailand (N=101)	4/5(80.0%)	52/53(98.1%)	0.08	[0.01 , 0.61]	—
Taiwan (N=27)	2/4(50.0%)	17/17(100.0%)	0.03 *	[0.01 , 0.12] *	-
U.S.A. (N=88)	2/2(100.0%)	22/28(78.6%)	1.44 *	[0.05 , 39.38] *	-
U.K. (N=32)	2/2(100.0%)	6/7(85.7%)	1.15 *	[0.03 , 42.48] *	-
Total (N=682)	45/49(91.8%)	269/288(93.4%)	0.33**	[0.12 , 0.94]	

The association between Taking Anticonvulsants before the onset and Vesiculobullous lesion of oral cavity and lips at the acute stage

 10^2

(Log10 Scale)

Country	Oral disorders (+) / Anticonvulsants (+)	Oral disorders (+) / Anticonvulsants (-)	OR	95%CI	
Japan (N=250)	14/14(100.0%)).29 *	[0.02 , 5.44] *	
South Korea (N=94)	5/5(100.0%)	65/65(100.0%)	0.08 *	[0.00 , 1.54] *	-
Brazil (N=90)	24/24(100.0%)	60/60(100.0%)	0.40 *	[0.01 , 11.03] *	-
Thailand (N=101)	4/5(80.0%)	56/56(100.0%)	0.03 *	[0.00 , 0.14] *	──
Taiwan (N=27)	4/4(100.0%)	18/18(100.0%)	0.24 *	[0.01 , 5.72] *	•
U.S.A. (N=88)	3/3(100.0%)	32/32(100.0%)	0.11 *	[0.01 , 2.07] *	-
U.K. (N=32)	2/2(100.0%)	7/8(87.5%)	1.00 *	[0.03 , 33.32] *	<u> </u>
Total (N=682)	56/57(98.2%)	386/388(99.5%)).21**	[0.06 , 0.80]	
*Woolf Corr	ection	Breslow-Day Test: p=0.	78		10^{-2} 10^{-1} 10^{0} 10^{1} 10^{2}
**Mantel-Ha	enszel's method				(Log10 Scale)

^{**}Mantel-Haenszel's method

^{**}Mantel-Haenszel's method

Supplementary Table1-B: The associations between taking anticonvulsants before the onset and ocular findings in the chronic stage

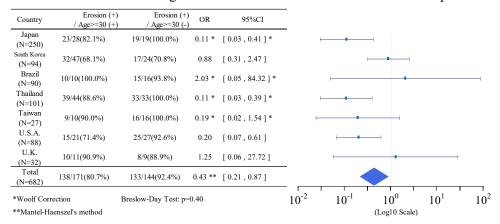
The association between Taking Anticonvulsants before the onset and Trichiasis at the chronic stage

Country	Trichiasis (+) / Anticonvulsants (+)	Trichiasis (+) / Anticonvulsants (-)	OR	95%CI	
Japan (N=250)	9/13(69.2%)	136/170(80.0%)	0.56	[0.18 , 1.75]	-
South Korea (N=94)	2/4(50.0%)	34/48(70.8%)	0.41	[0.07 , 2.29]	-
Brazil (N=90)	11/21(52.4%)	40/53(75.5%)	0.36	[0.15 , 0.83]	⊢
Thailand (N=101)	2/5(40.0%)	48/62(77.4%)	0.19	[0.05 , 0.74]	
Taiwan (N=27)	2/4(50.0%)	14/17(82.4%)	0.21	[0.04 , 1.17]	-
U.S.A. (N=88)	1/3(33.3%)	24/38(63.2%)	0.29	[0.05 , 1.78]	-
U.K. (N=32)	1/2(50.0%)	1/7(14.3%)	6.00	[0.02 , 2146.86]	-
Total (N=682)	28/52(53.8%)	297/395(75.2%)	0.41**	[0.22 , 0.76]	
*Woolf Corre	ction	Breslow-Day Test: p=0	0.61		10^{-2} 10^{-1} 10^{0} 10^{1} 10^{2} 10^{3}
**Mantel-Hae				(Log10 Scale)	

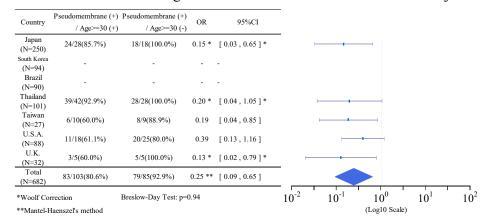
The association between Age at the onset and Severe conjunctivitis at the acute stage

	Conjunctivitis (+)	Conjunctivitis (+)			-
Country			OR	95%CI	
	/ Age>=30 (+)	/ Age>=30 (-)			_
Japan (N=250)	42/42(100.0%)	30/30(100.0%)	1.39 *	[0.02 , 104.51] *	-
South Korea (N=94)	38/47(80.9%)	25/30(83.3%)	0.84	[0.27 , 2.66]	-
Brazil (N=90)	22/22(100.0%)	66/66(100.0%)	0.34 *	[0.01 , 8.51] *	•
Thailand (N=101)	39/44(88.6%)	40/41(97.6%)	0.20	[0.05 , 0.70]	
Taiwan (N=27)	7/10(70.0%)	14/15(93.3%)	0.17	[0.04 , 0.76]	⊢
U.S.A. (N=88)	15/20(75.0%)	22/24(91.7%)	0.27	[0.08 , 0.94]	⊢
U.K. (N=32)	10/11(90.9%)	10/10(100.0%)	0.33 *	[0.03 , 3.56] *	-
Total (N=682)	173/196(88.3%)	207/216(95.8%)	0.42 **	[0.20 , 0.91]	
*Woolf Corr	rection	Breslow-Day Test: p=	0.80		10^{-2} 10^{-1} 10^{0} 10^{1} 10^{2}
**Mantel-Haenszel's method					(Log10 Scale)

The association between Age at the onset and Erosion of ocular surface epithelium at the acute stage



The association between Age at the onset and Pseudomembrane with conjunctivitis at the acute stage



The association between Age at the onset and Onychopathy at the acute stage

Country	Onychopathy (+) / Age>=30 (+)	Onychopathy (+) / Age>=30 (-)	OR	95%CI	_
Japan (N=250)	86/99(86.9%)	109/124(87.9%)	0.91	[0.42 , 1.98]	⊢
South Korea (N=94)	33/58(56.9%)	18/36(50.0%)	1.32	[0.54 , 3.23]	⊢
Brazil (N=90)	20/22(90.9%)	64/66(97.0%)	0.31	[0.06 , 1.59]	├
Thailand (N=101)	24/47(51.1%)	42/51(82.4%)	0.22	[0.12 , 0.42]	⊢ →
Taiwan (N=27)	8/11(72.7%)	15/16(93.8%)	0.18	[0.04 , 0.81]	
U.S.A. (N=88)	23/35(65.7%)	39/53(73.6%)	0.69	[0.29 , 1.61]	⊢
U.K. (N=32)	6/12(50.0%)	10/13(76.9%)	0.30	[0.08 , 1.06]	· · · · · · · · · · · · · · · · · · ·
Total (N=682)	200/284(70.4%)	297/359(82.7%)	0.61 **	[0.41 , 0.90]	•
*Woolf Correction **Mantel-Haenszel's method		Breslow-Day Test: p=	0.08		10^{-2} 10^{-1} 10^{0} 10^{1} 10^{2} (Log10 Scale)

The association	between Age at the	he onset and	Trichiasis at	the chronic	stage

Country	Trichiasis (+) / Age>=30 (+)	Trichiasis (+) / Age>=30 (-)	OR	95%CI	_
Japan (N=250)	79/102(77.5%)	103/126(81.7%)	0.77	[0.42 , 1.41]	-
South Korea (N=94)	28/42(66.7%)	17/22(77.3%)	0.59	[0.21 , 1.63]	-
Brazil (N=90)	10/15(66.7%)	43/61(70.5%)	0.84	[0.26 , 2.68]	├
Thailand (N=101)	29/45(64.4%)	42/52(80.8%)	0.43	[0.20 , 0.91]	⊢
Taiwan (N=27)	3/9(33.3%)	14/15(93.3%)	0.04	[0.01 , 0.10]	├──
U.S.A. (N=88)	21/34(61.8%)	36/49(73.5%)	0.58	[0.26 , 1.33]	├
U.K. (N=32)	6/14(42.9%)	8/15(53.3%)	0.66	[0.18 , 2.46]	├
Total (N=682)	176/261(67.4%)	263/340(77.4%)	0.58**	[0.40 , 0.84]	<u> </u>
*Woolf Correction **Mantel-Haenszel's method		Breslow-Day Test: p=0	0.24		10^{-2} 10^{-1} 10^{0} 10^{1} 10^{2} (Log10 Scale)

The association between Age at the onset and Symblepharon or conjunctivalization to the cornea at the chronic stage

Country	Symblepharon (+)	Symblepharon (+)	OR	95%CI	_
	/ Age>=30 (+)	/ Age>=30 (-)	OK		
Japan (N=250)	84/108(77.8%)	114/131(87.0%)	0.52	[0.29 , 0.93]	-
South Korea (N=94)	28/42(66.7%)	17/22(77.3%)	0.59	[0.21 , 1.63]	
Brazil (N=90)	15/15(100.0%)	55/61(90.2%)	3.63 *	[0.14 , 97.07] *	-
Thailand (N=101)	30/45(66.7%)	43/52(82.7%)	0.42	[0.20 , 0.90]	├──
Taiwan (N=27)	0/9(0.0%)	9/15(60.0%)	0.04 *	[0.01 , 0.10] *	⊢
U.S.A. (N=88)	14/33(42.4%)	26/50(52.0%)	0.68	[0.30 , 1.52]	-
U.K. (N=32)	9/14(64.3%)	13/15(86.7%)	0.28	[0.07 , 1.03]	-
Total (N=682)	180/266(67.7%)	277/346(80.1%)	0.50**	[0.34 , 0.75]	
*Woolf Corre	ection	Breslow-Day Test: p=0	0.27		10^{-2} 10^{-1} 10^{0} 10^{1} 10^{2}
**Mantel-Ha	enszel's method				(Log10 Scale)