

Table 5. The relationship between POP risk factors and the genus of Gram-negative bacteria.

Factor	Prevotella			Gardnerella			Escherichia			Shigella			Hoylesella		
	Found (n= 12)	Not Found (n = 48)	p-value	Found (n= 11)	Not Found (n = 49)	p-value	Found (n= 8)	Not Found (n = 52)	p-value	Found (n= 5)	Not Found (n = 55)	p-value	Found (n= 4)	Not Found (n = 56)	p-value
	n (%)	n (%)		n (%)	n (%)		n (%)	n (%)		n (%)	n (%)		n (%)	n (%)	
Age															
≤ 60 years	5 (41,7)	16 (33,3)	0,737	5 (45,5)	16 (32,7)	0,421	3 (37,5)	18 (34,6)	1,000	2 (40,0)	19 (34,5)	1,000	3 (75,0)	18 (32,1)	0,119
> 60 years	7 (58,3)	32 (66,7)		6 (54,5)	33 (67,3)		5 (62,5)	34 (65,4)		3 (60,0)	36 (65,5)		1 (25,0)	38 (67,9)	
BMI															
Underweight /Normal	4 (33,3)	20 (41,7)	0,746	4 (36,4)	20 (40,8)	0,785	4 (50,0)	20 (38,5)	0,702	3 (60,0)	21 (38,2)	0,380	1 (25,0)	23 (41,1)	0,643
Overweight/ Obesity	8 (66,7)	28 (58,3)		7 (63,6)	29 (59,2)		4 (50,0)	32 (61,5)		2 (40,0)	34 (61,8)		3 (75,0)	33 (58,9)	
Parity															
Primipara /Multipara	6 (50,0)	28 (58,3)	0,602	5 (45,5)	29 (59,2)	0,406	4 (50,0)	30 (57,7)	0,717	2 (40,0)	32 (58,2)	0,644	4 (100,0)	30 (53,6)	0,126
	6 (50,0)	20 (41,7)		6 (54,5)	20 (40,8)		4 (50,0)	22 (42,3)		3 (60,0)	23 (41,8)		0 (0,0)	26 (46,4)	
Grande multipara															
Duration of menopause															
Not yet < 5 years	1 (8,3)	4 (8,3)	0,967	1 (9,1)	3 (6,1)	0,382	0 (0,0)	4 (7,7)	0,443	0 (0,0)	4 (7,3)	0,618	0 (0,0)	4 (7,1)	0,414
≥ 5 years	10 (83,4)	41 (85,4)		8 (72,7)	43 (87,8)		8 (100,0)	43 (82,7)		5 (100,0)	46 (83,6)		3 (75,0)	48 (85,7)	
Delivery															
Vaginal	11 (91,7)	44 (91,7)	1,000	11 (100)	44 (89,8)	0,573	8 (100,0)	47 (90,4)	1,000	5 (100,0)	50 (90,9)	1,000	4 (100,0)	51 (91,1)	1,000
Vaginal and cesarean section	1 (8,3)	4 (8,3)		0 (0,0)	5 (10,2)		0 (0,0)	5 (9,6)		0 (0,0)	5 (9,1)		0 (0,0)	5 (8,9)	
Duration of POP < 5 years	7 (58,3)	32 (66,7)	0,737	7 (63,6)	32 (65,3)	1,000	5 (62,5)	34 (65,4)	1,000	3 (60,0)	36 (65,5)	1,000	2 (50,0)	37 (66,1)	0,606
≥ 5 years	5 (41,7)	16 (33,3)		4 (36,4)	17 (34,7)		3 (37,5)	18 (34,6)		2 (40,0)	19 (34,5)		2 (50,0)	19 (33,9)	
History of Pessary															
Yes	2 (16,7)	9 (18,8)	1,000	2 (18,2)	9 (18,4)	1,000	0 (0,0)	11 (21,2)	0,330	0 (0,0)	11 (20,0)	0,330	0 (0,0)	11 (19,6)	1,000
No	10 (83,3)	39 (81,3)		9 (81,8)	40 (81,6)		8 (100,0)	41 (78,8)		5 (100,0)	44 (80,0)		4 (100,0)	45 (80,4)	
Use of genital cleansers															
Yes	8 (66,7)	39 (81,3)	0,271	9 (81,8)	38 (77,6)	1,000	6 (75,0)	41 (78,8)	1,000	3 (75,0)	44 (78,6)	1,000	3 (75,0)	44 (78,6)	1,000
	4 (33,3)	9 (18,8)		2 (18,2)	11 (22,4)		2 (25,0)	11 (21,2)		1 (25,0)	12 (21,4)		1 (25,0)	12 (21,4)	

Uji chi-square, bermakna (p<0,05)