Vaginal FDIs	None										Depth confounding										
Taxa number	50			200			500			Score	50			200			500			Score	Overall
Sample size	50	100	200	50	100	200	50	100	200		50	100	200	50	100	200	50	100	200		
DACOMP	***	***	***	***	***	***	***	***	***	27	***	***	***	***	***	***	***	***	***	27	54
Rarefy+Spearman	***	***	***	***	***	***	***	***	***	27	***	***	***	***	***	***	***	***	***	27	54
LDM	***	***	***	***	***	***	***	***	***	27	***	***	***	***	***	**	**	**	**	23	50
Beta-binomial	**	***	**	**	**	**	**	***	***	21	***	**	**	**	**	**	**	**	**	19	40
TSS+Spearman	***	***	**	***	***	***	***	***	***	26	**	*	x	*	x	x	*	x	x	5	31
ANCOM-BC	*	**	**	*	**	**	**	**	***	17	x	x	x	x	x	x	x	x	x	0	17
GMPR+DESeq2	x	x	*	x	x	x	x	x	x	1	*	***	***	x	x	x	x	x	x	7	8
GMPR+edgeR	x	x	*	x	x	x	x	x	x	1	x	x	*	x	x	x	x	x	x	1	2
DESeq2	x	x	x	x	x	x	x	x	x	0	x	x	x	x	x	x	x	x	x	0	0
edgeR	x	x	x	x	x	x	x	x	x	0	x	x	x	x	x	x	x	x	x	0	0
GLM(quasipoisson)	x	x	x	x	x	x	x	x	x	0	x	x	x	x	x	x	x	x	x	0	0