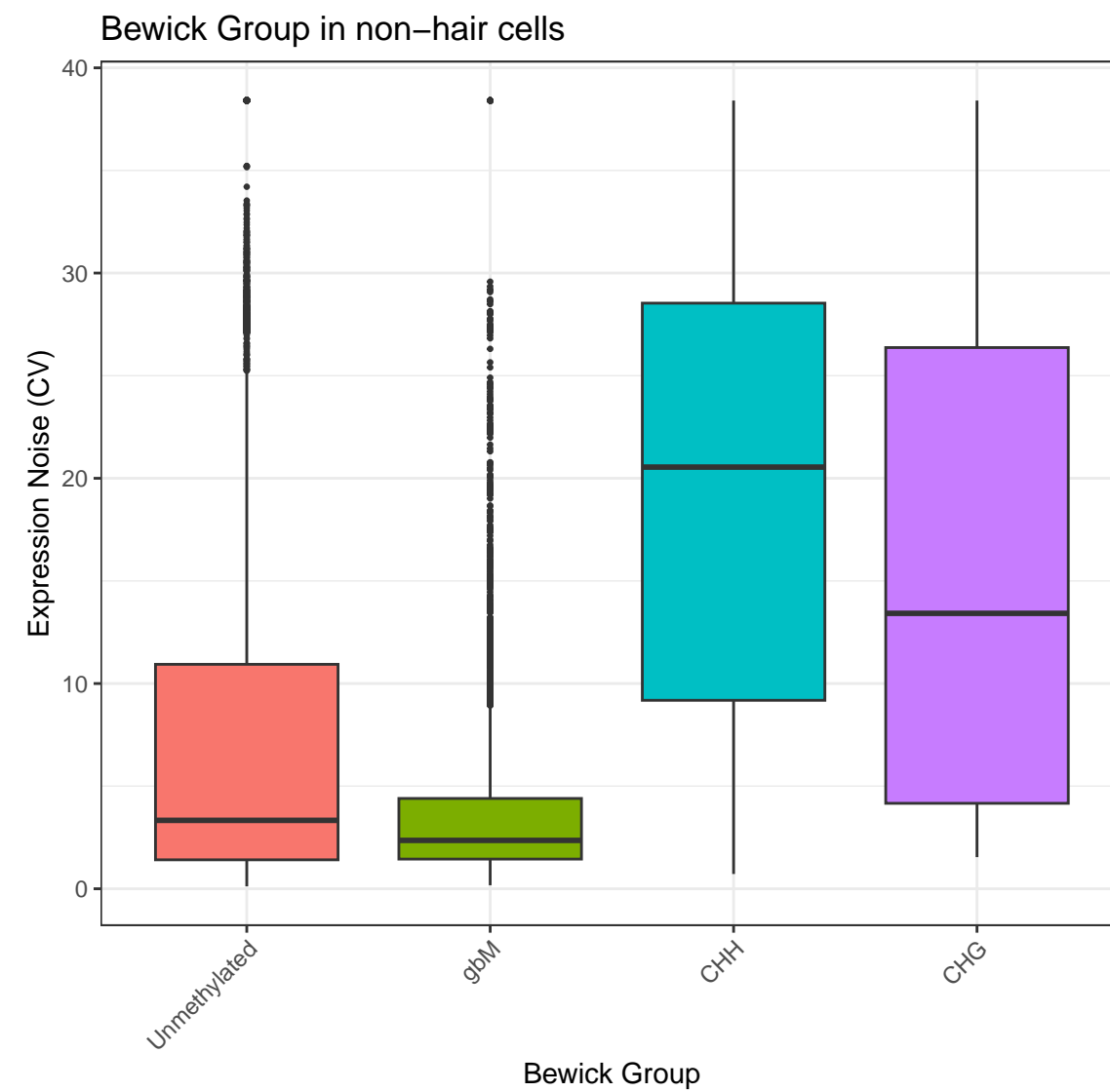
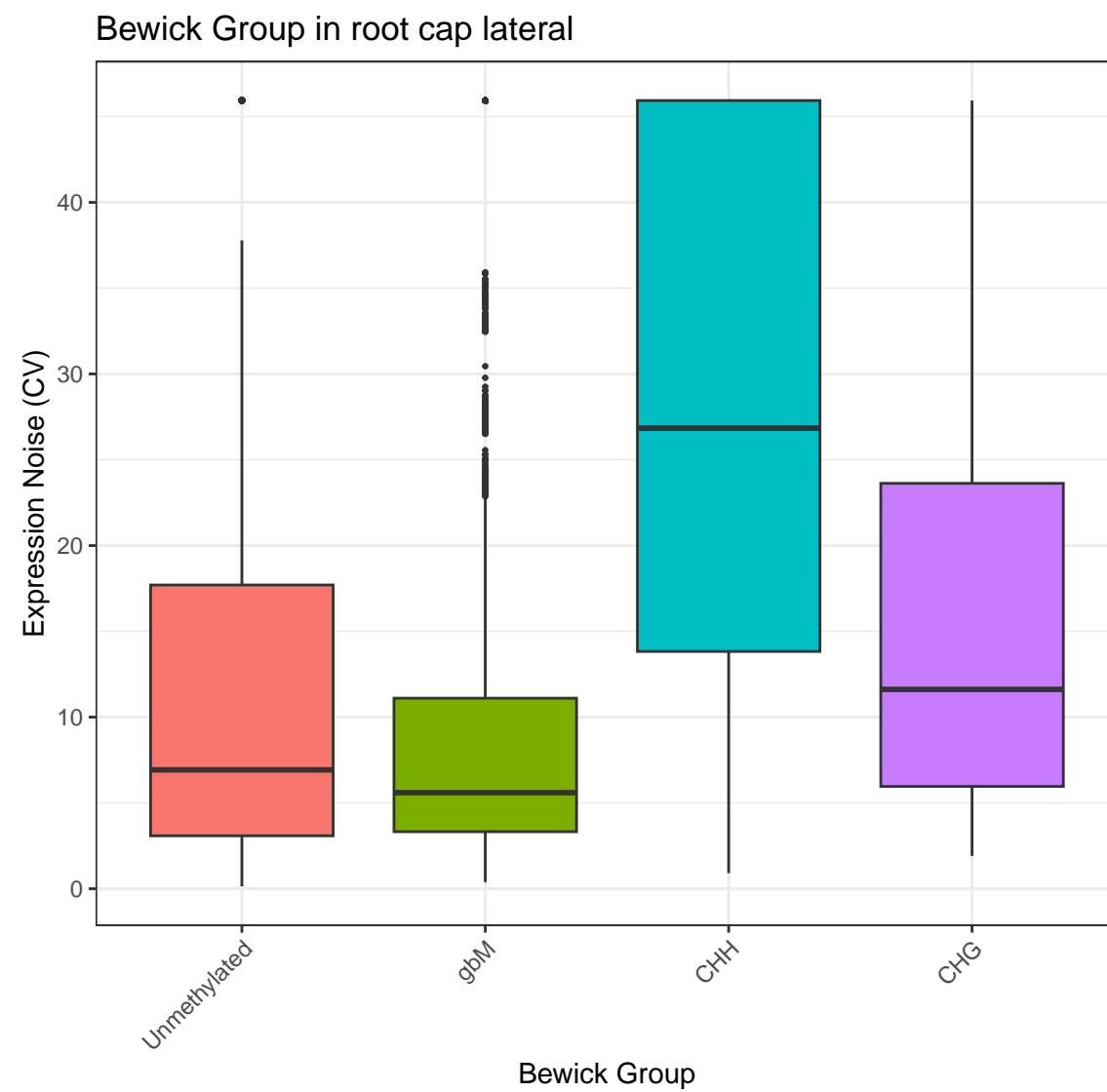
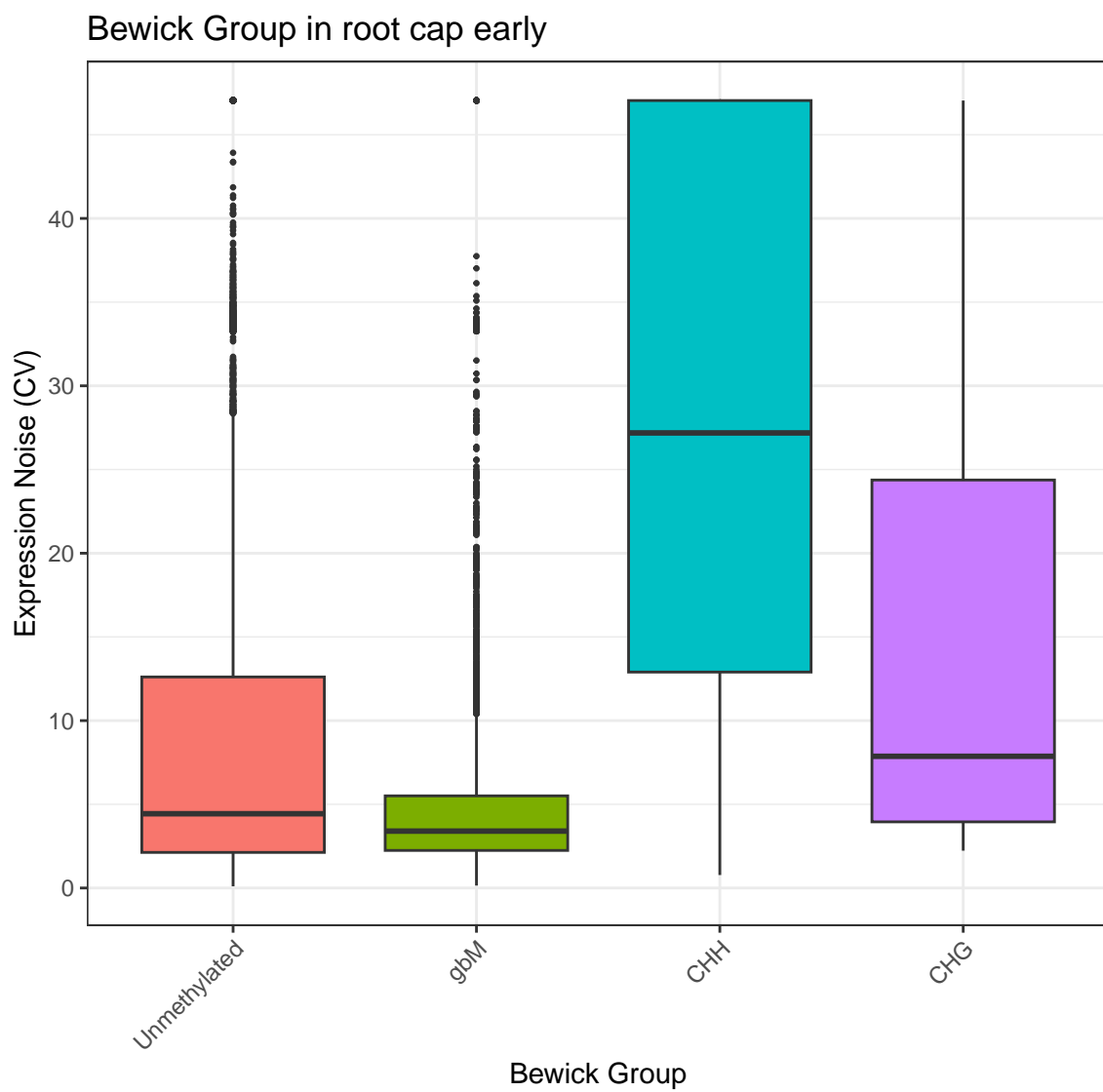
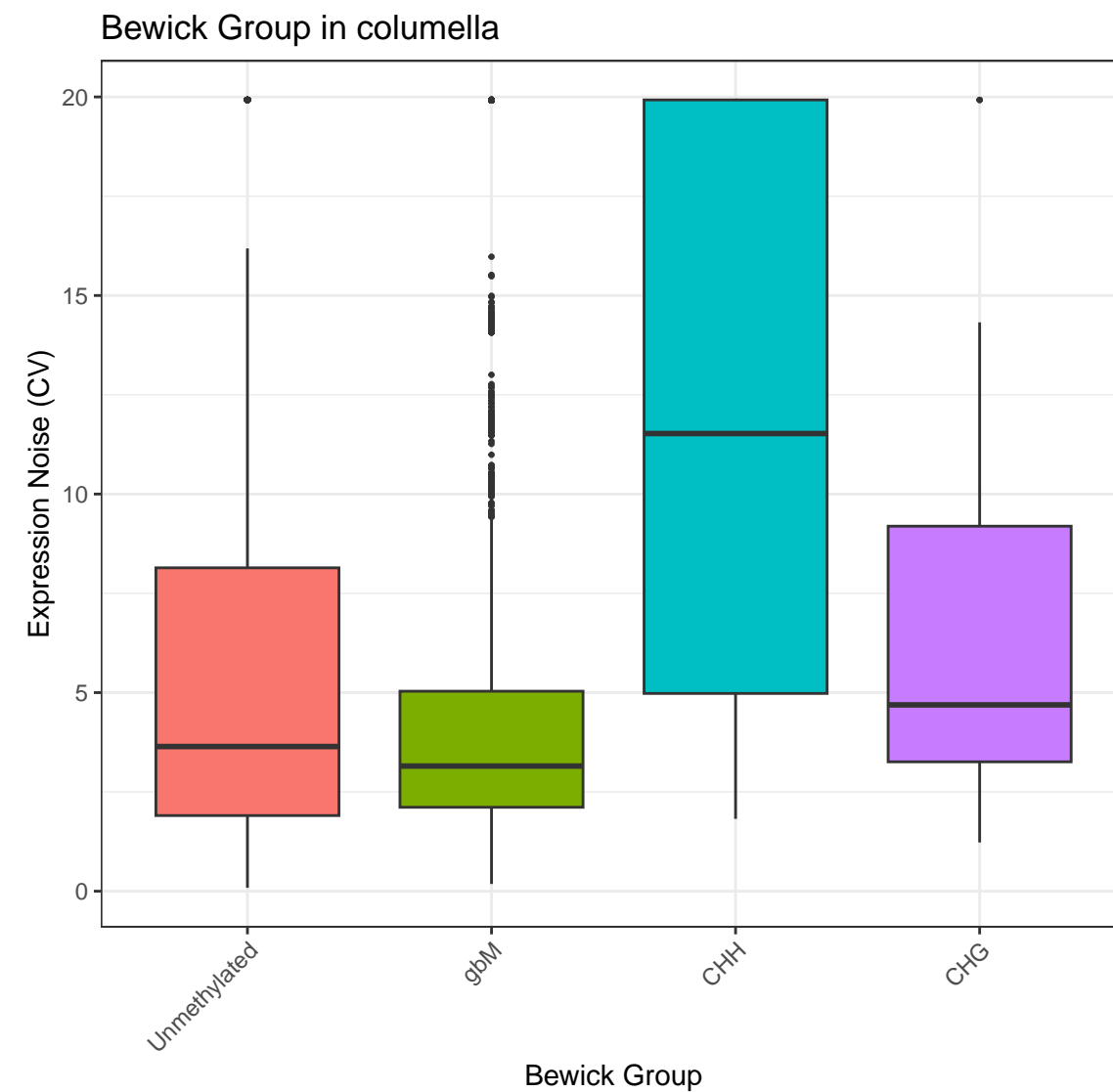
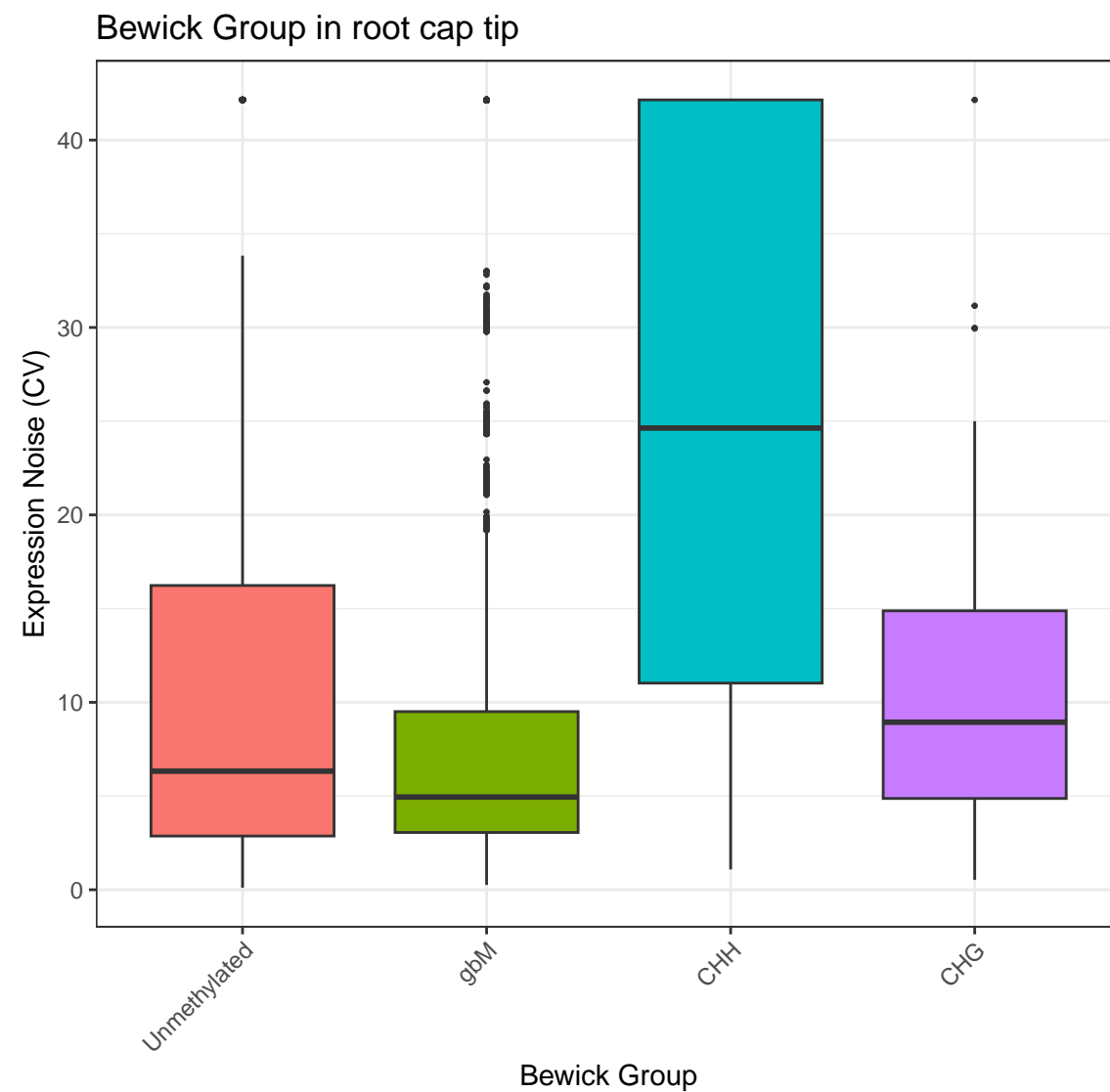
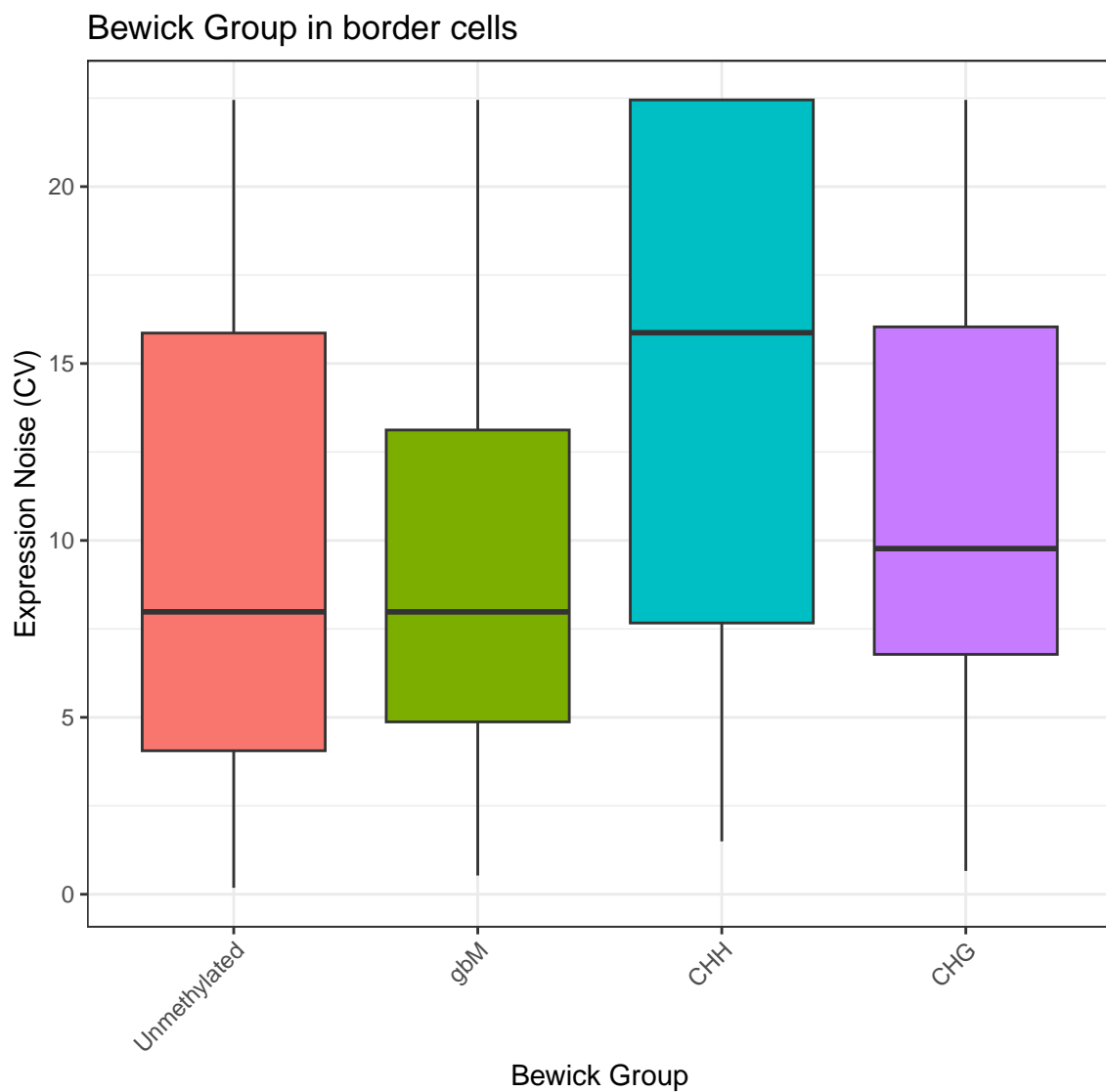
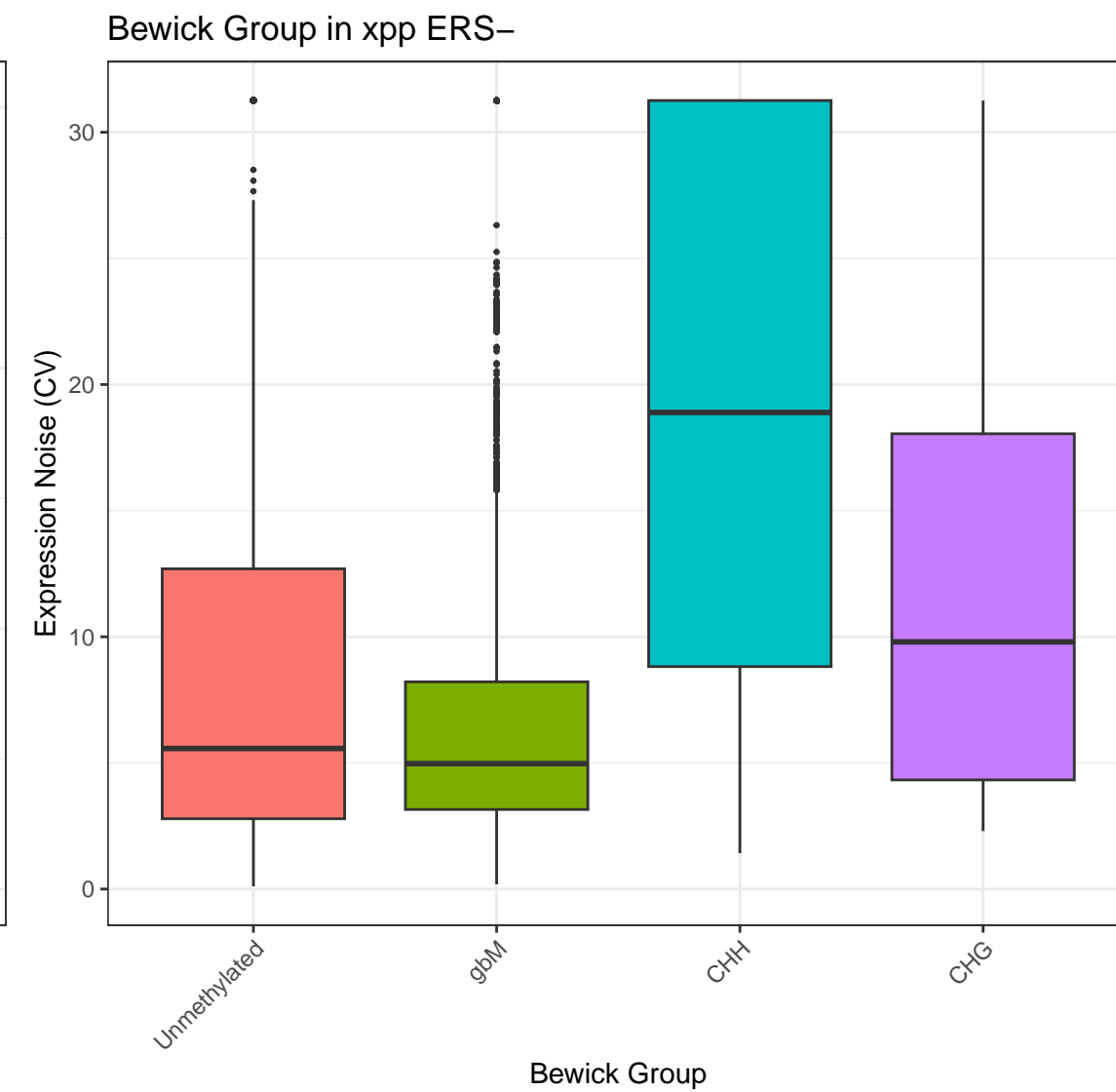
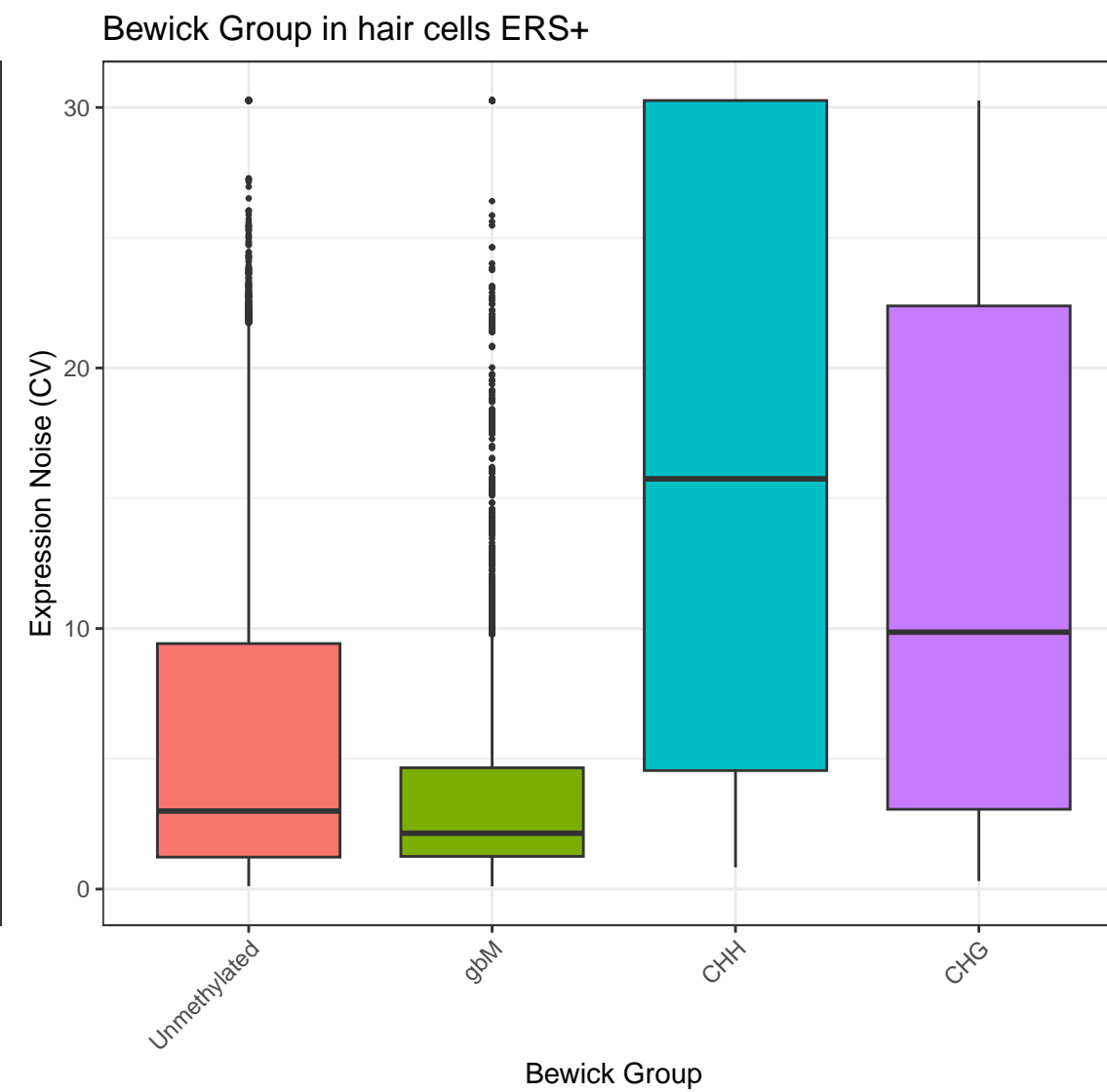
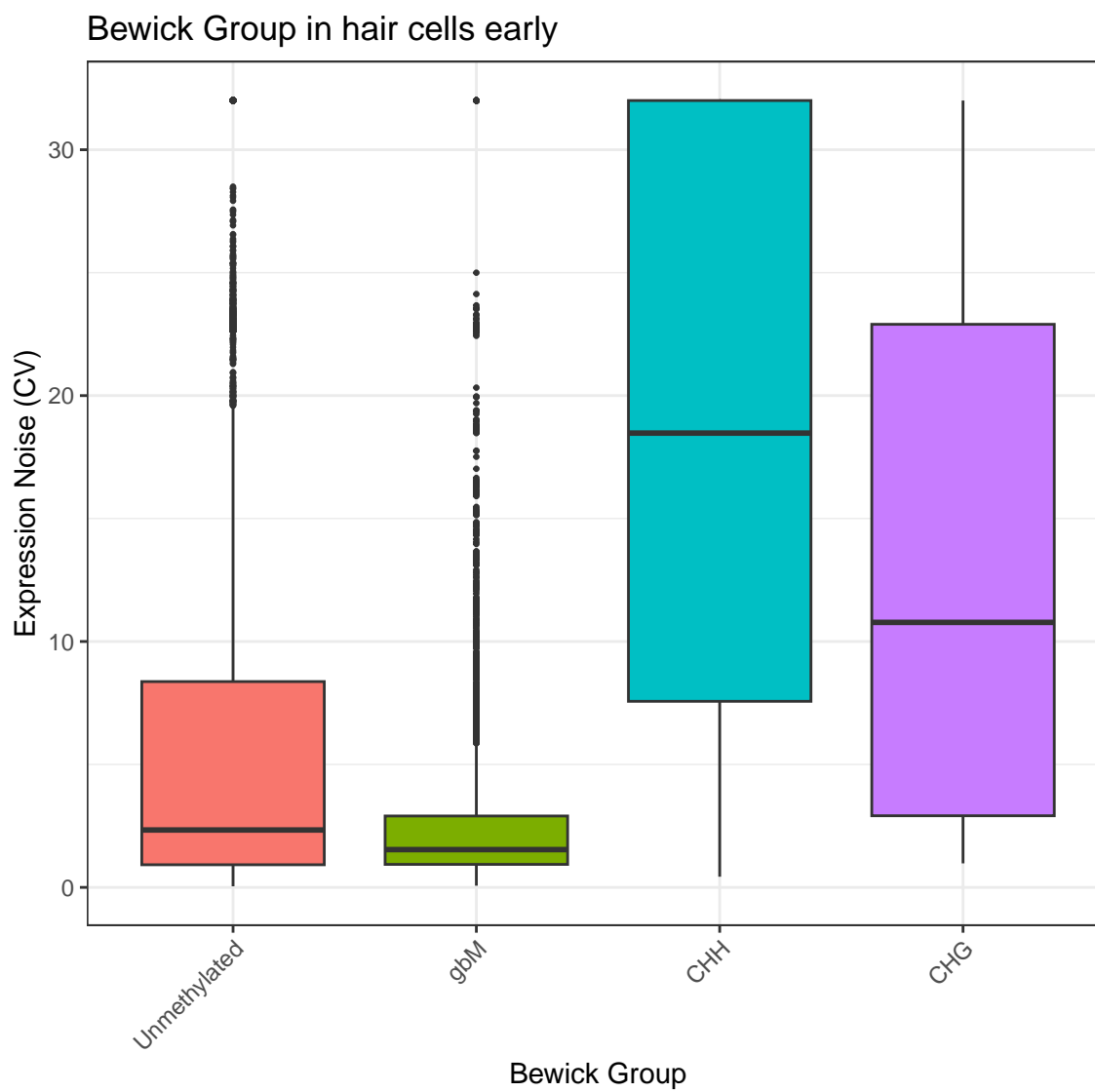
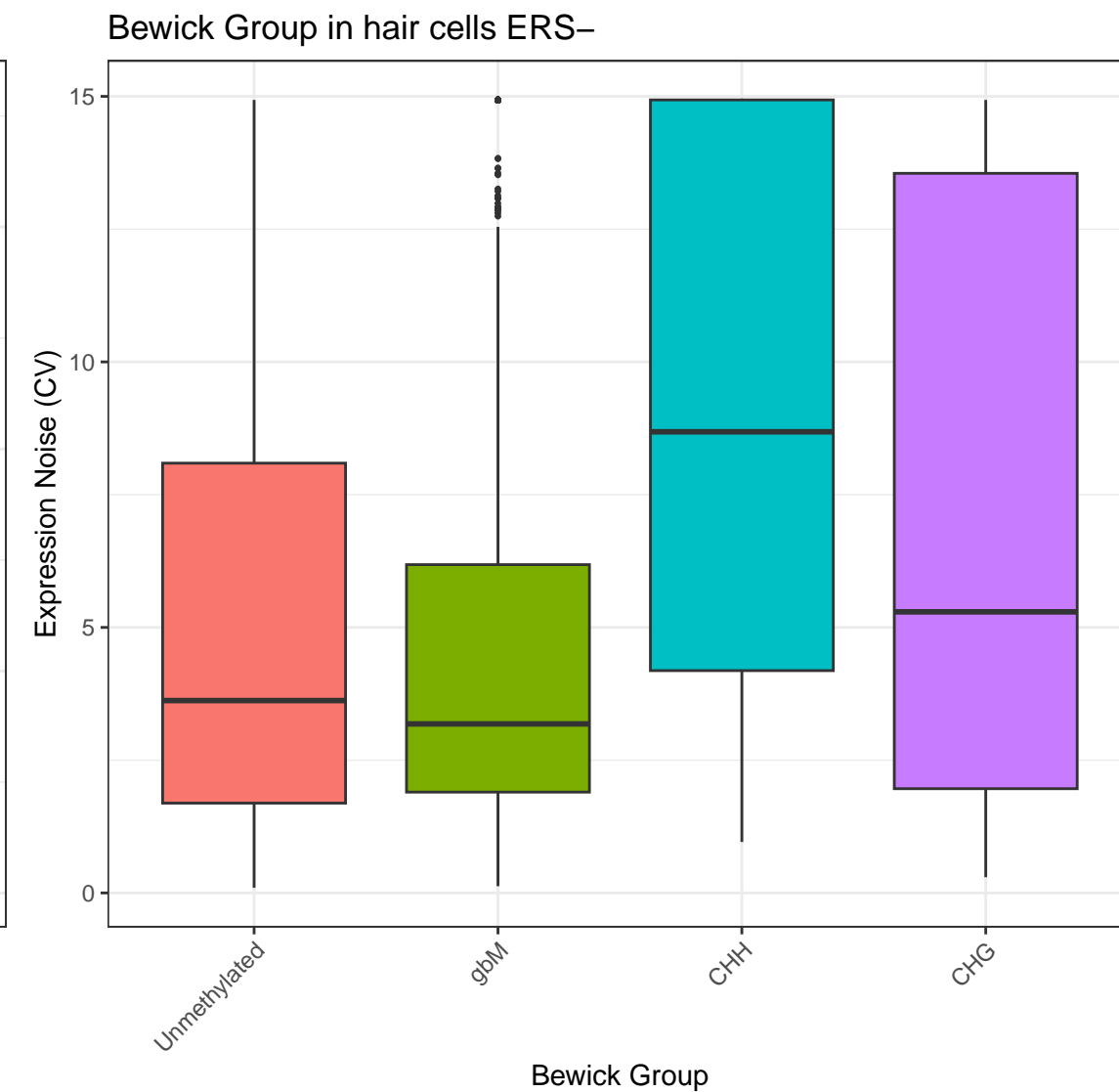
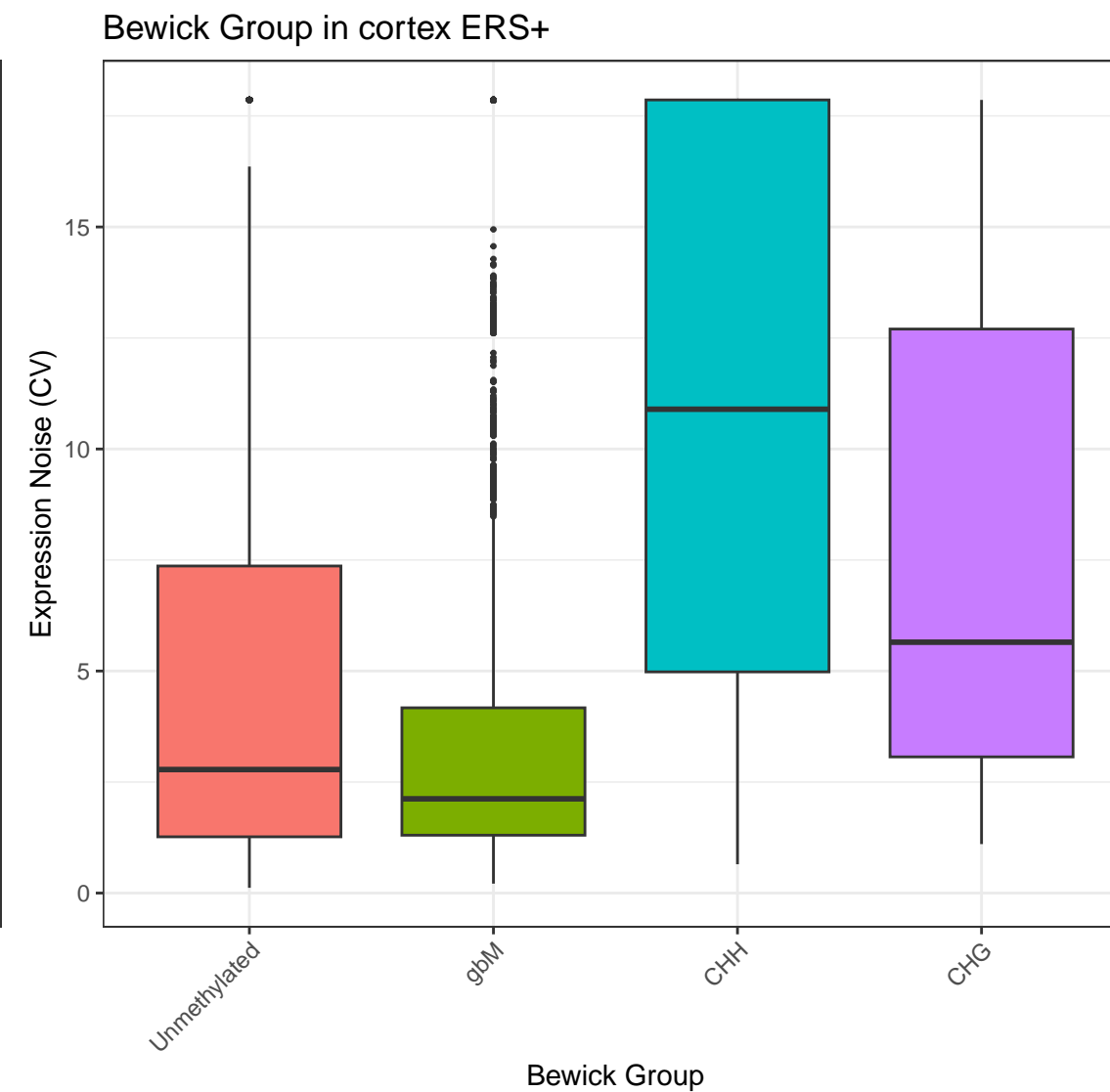
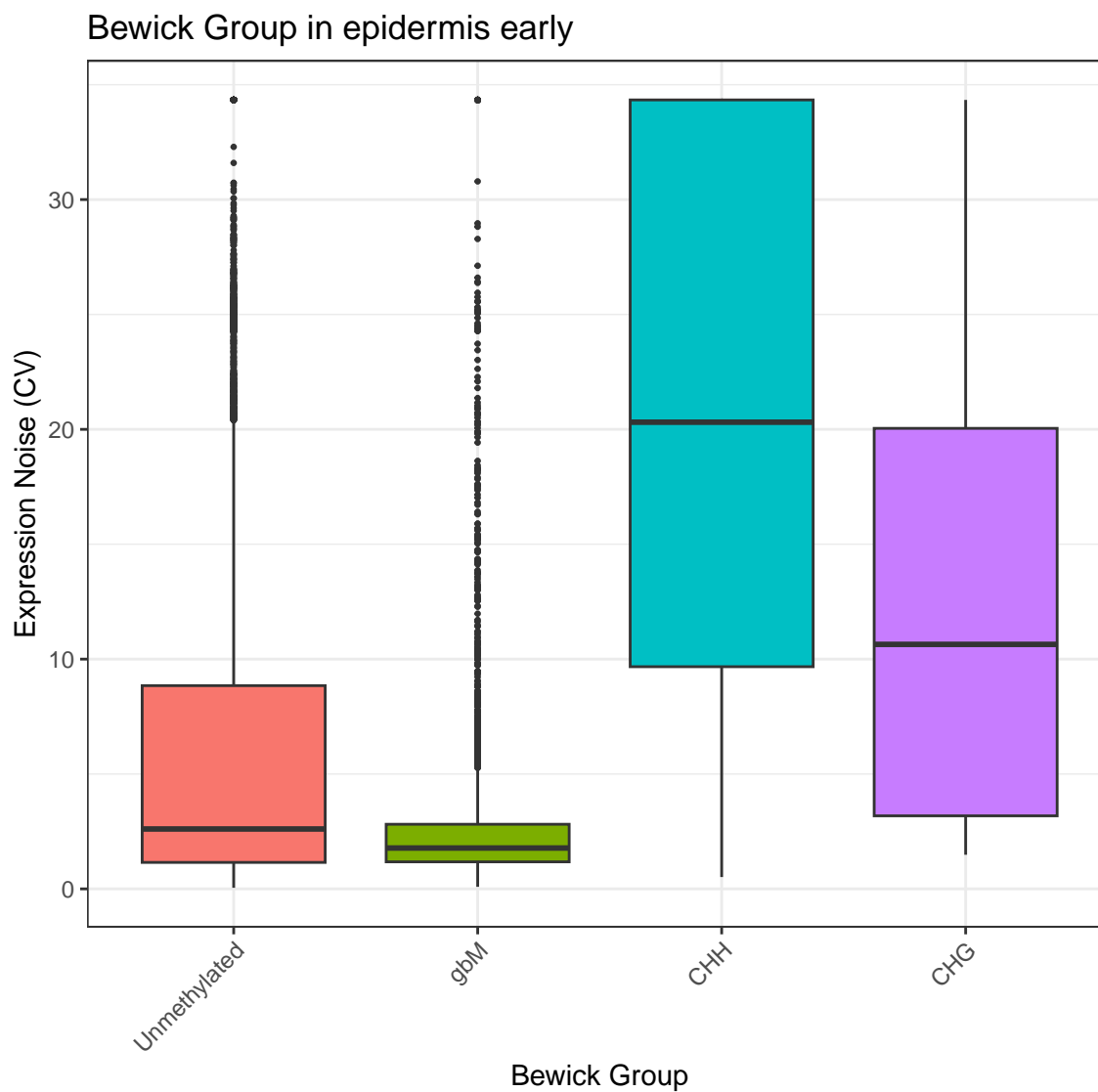


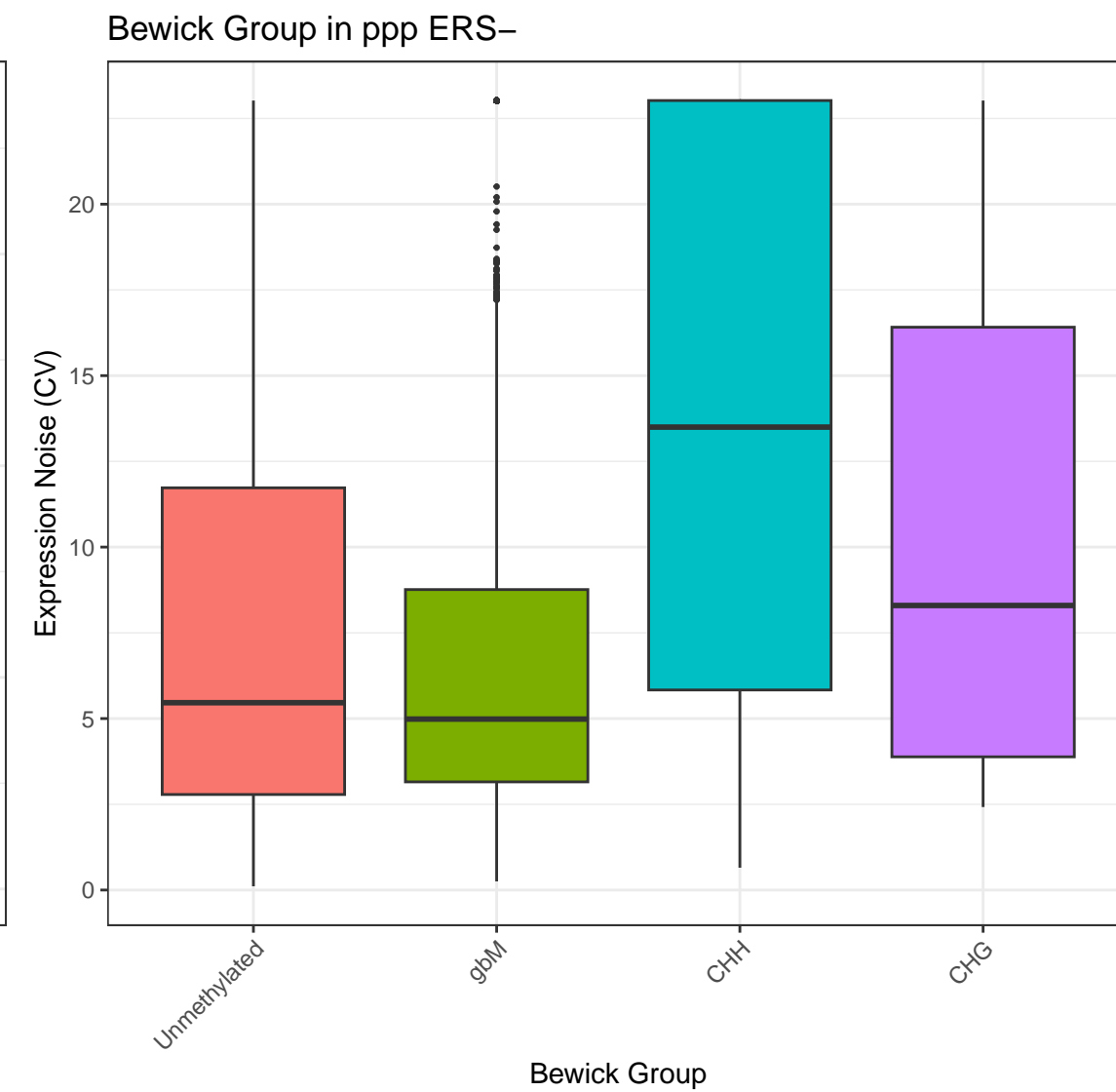
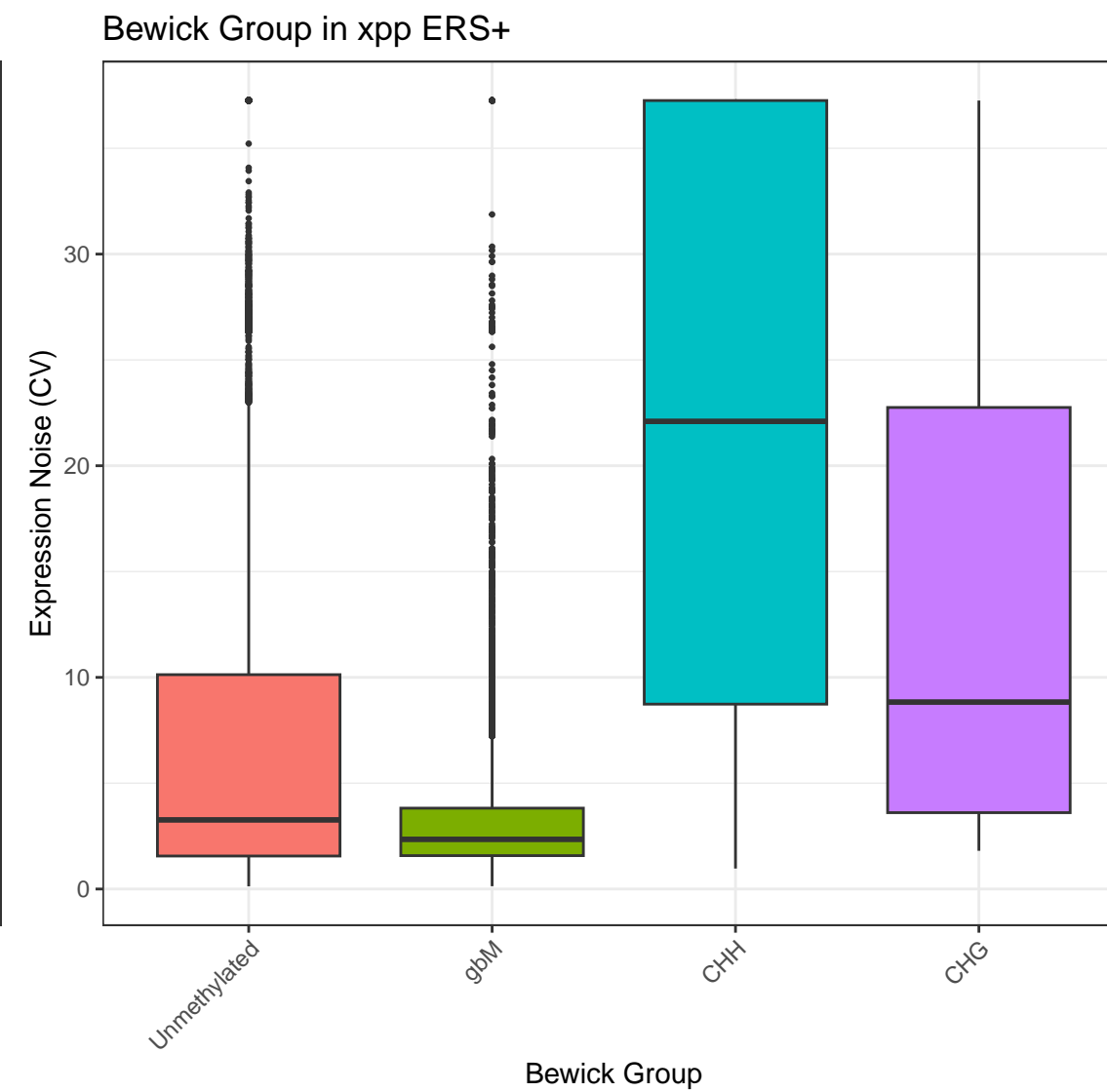
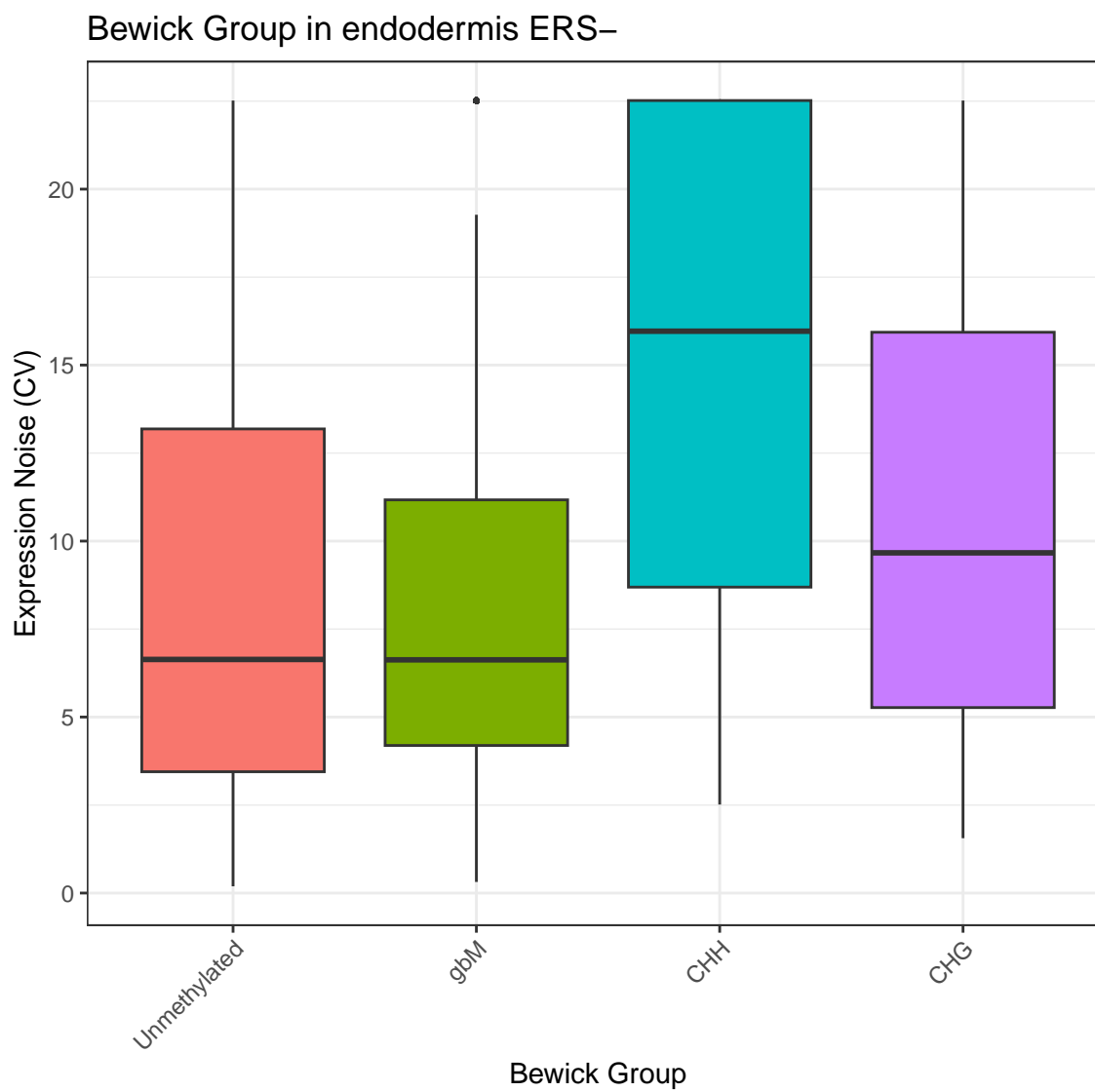
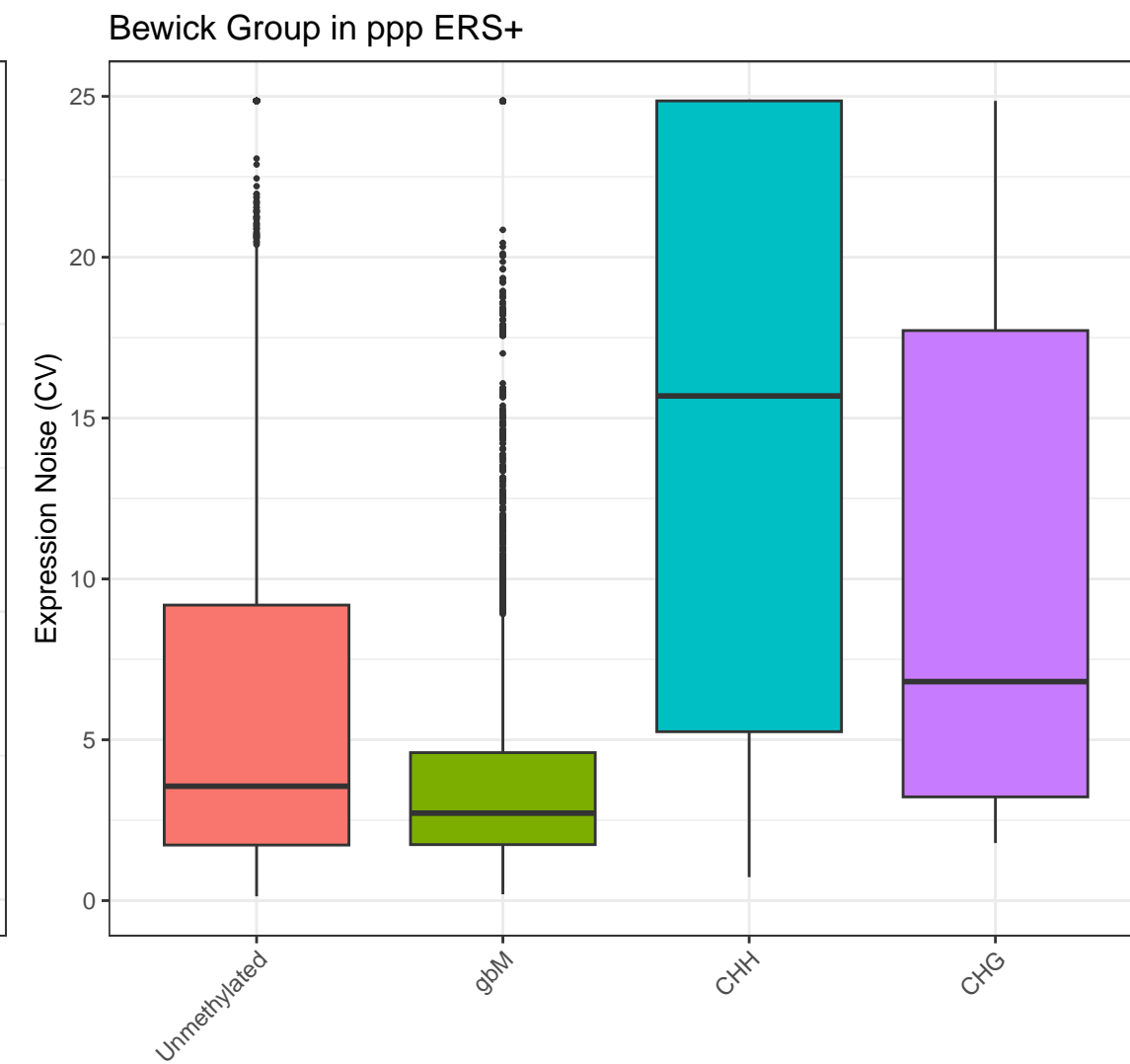
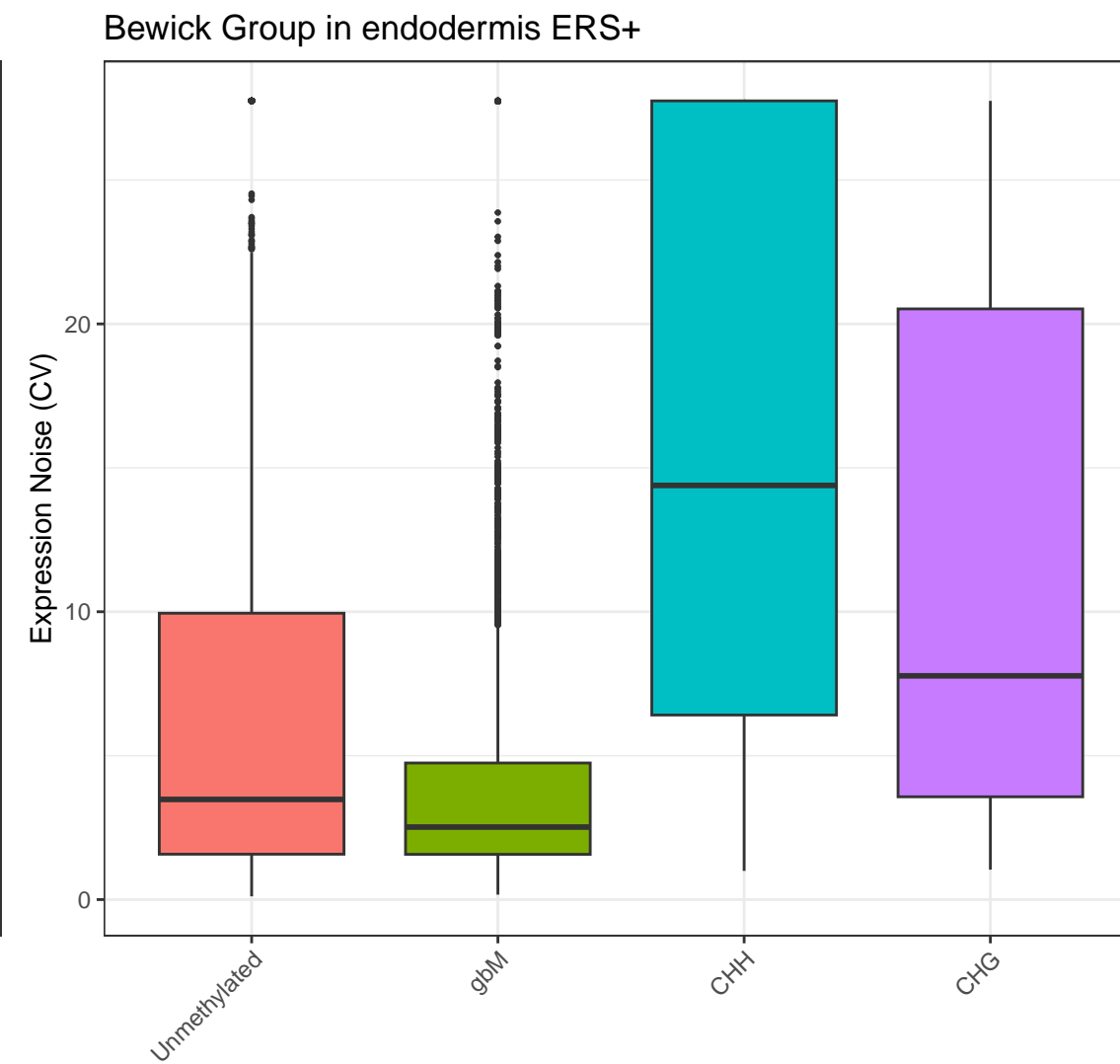
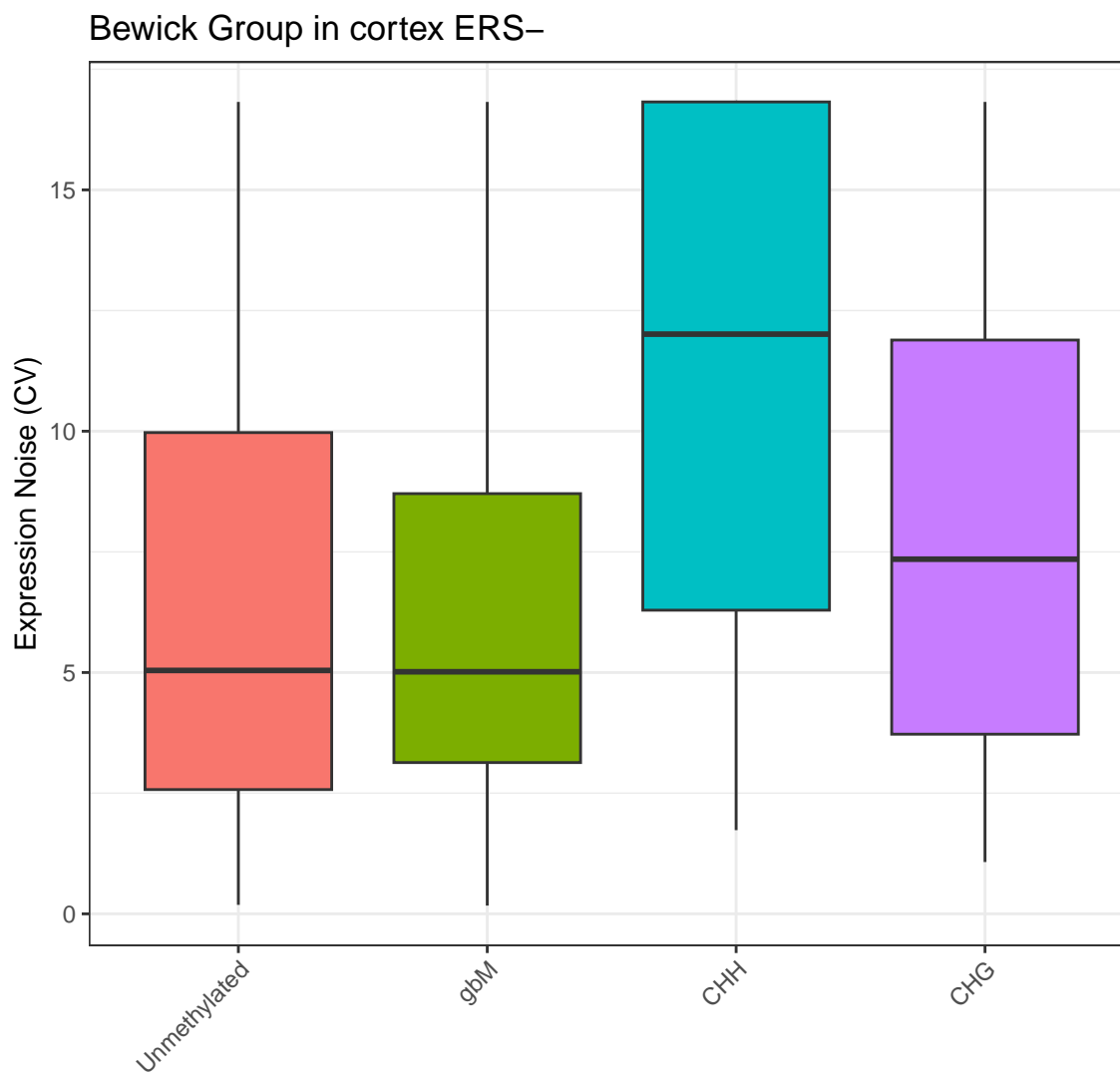
Expression Noise (CV) by Bewick Group in Celltypes (Unfiltered)



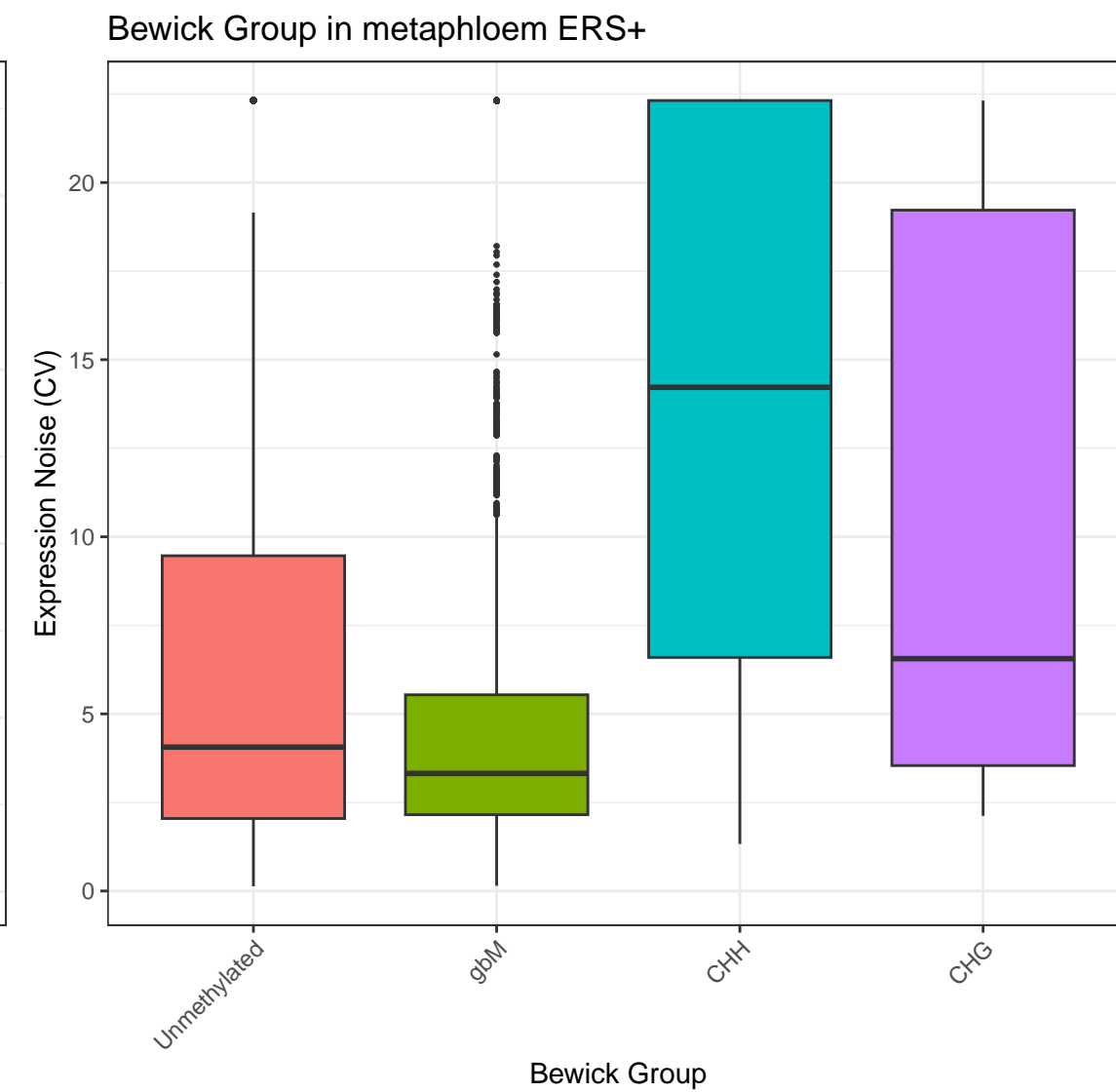
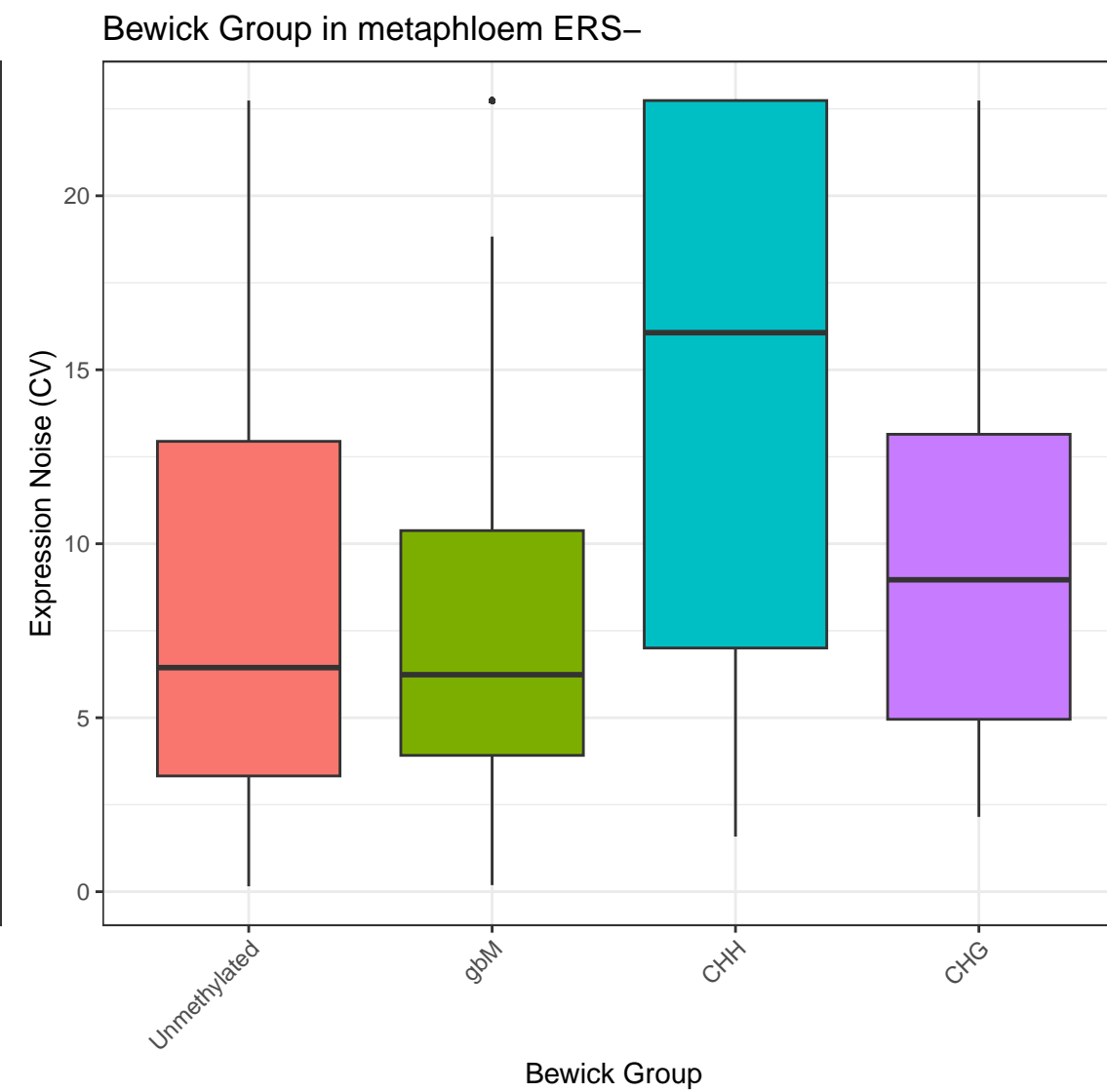
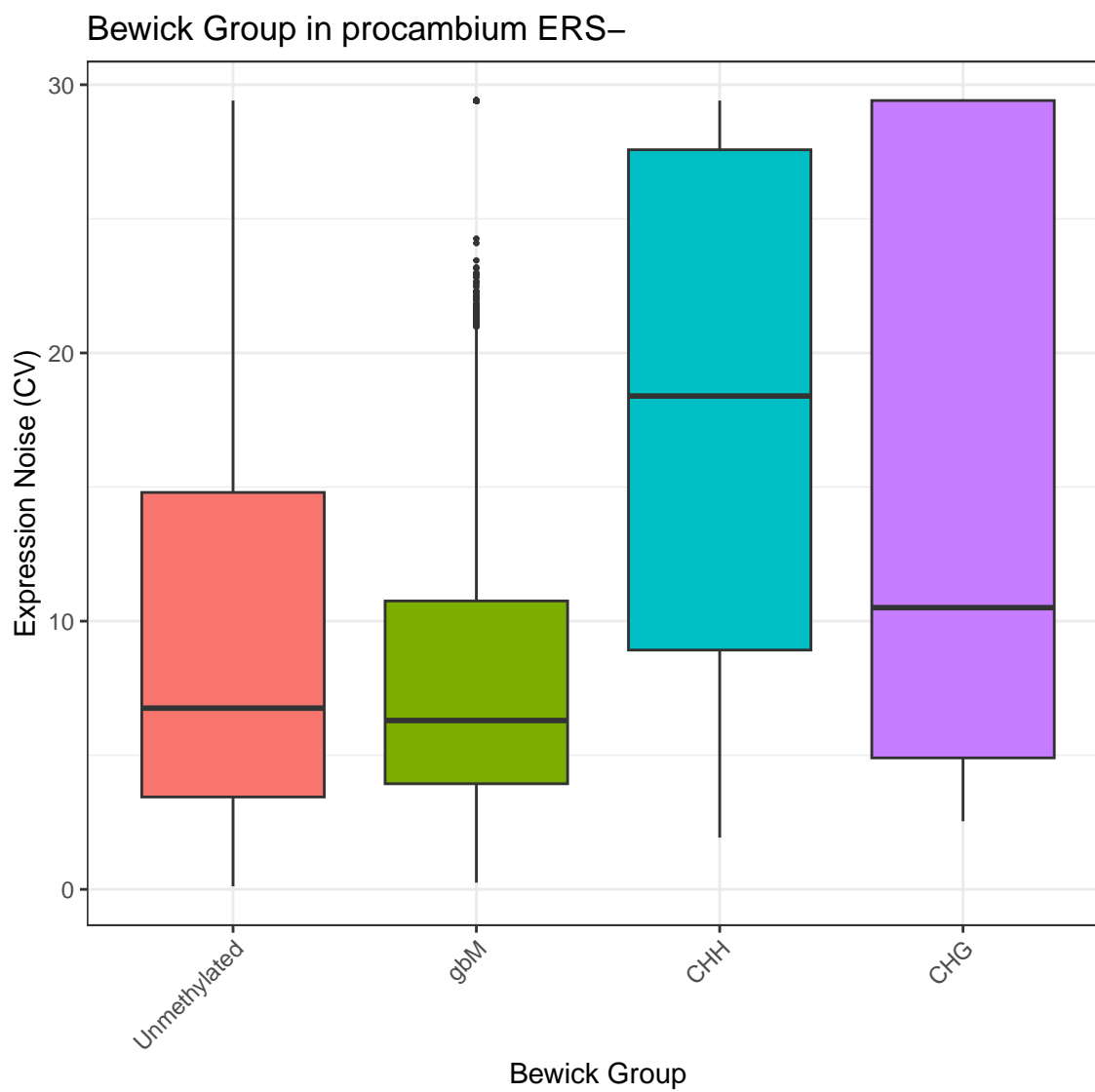
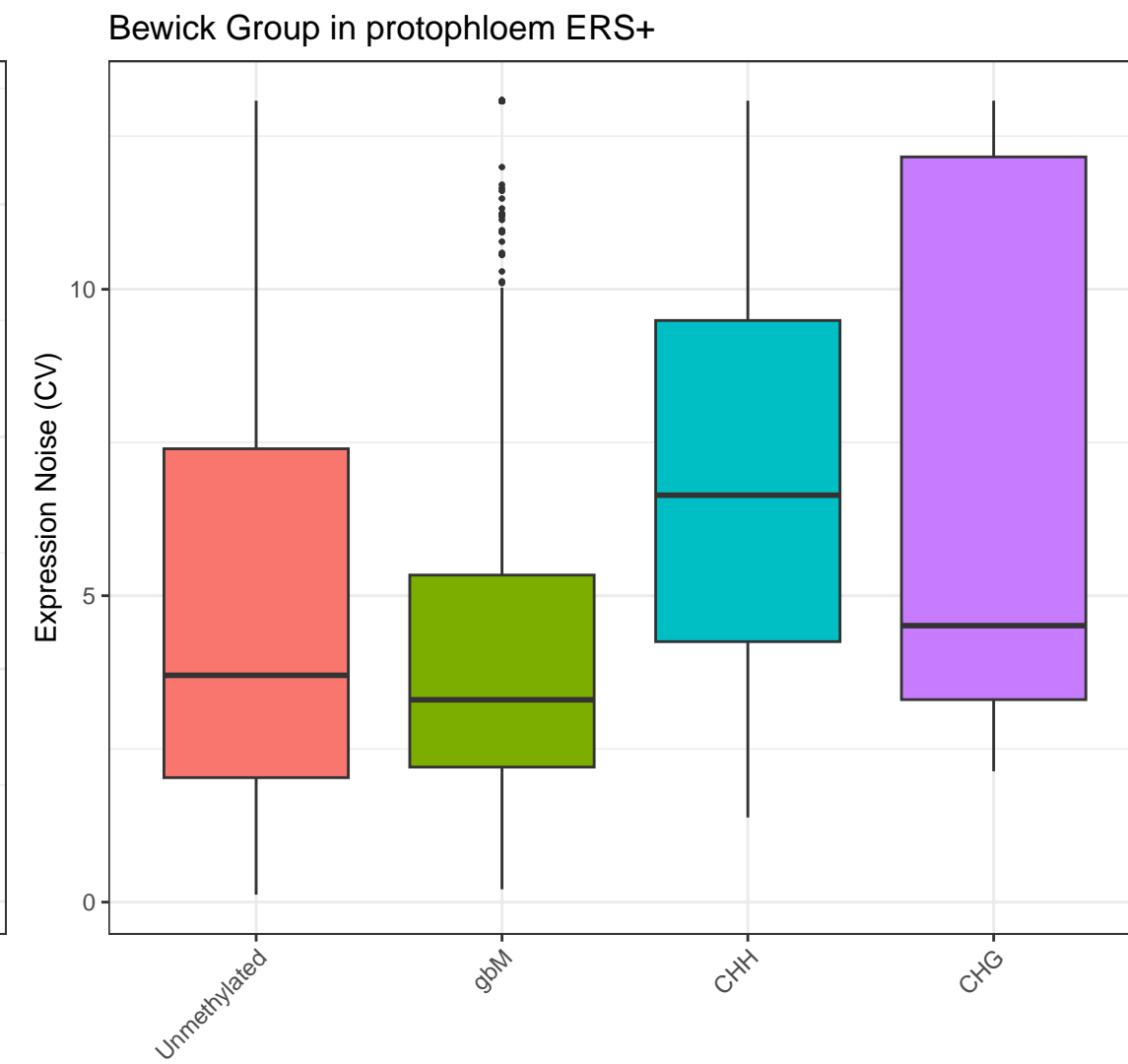
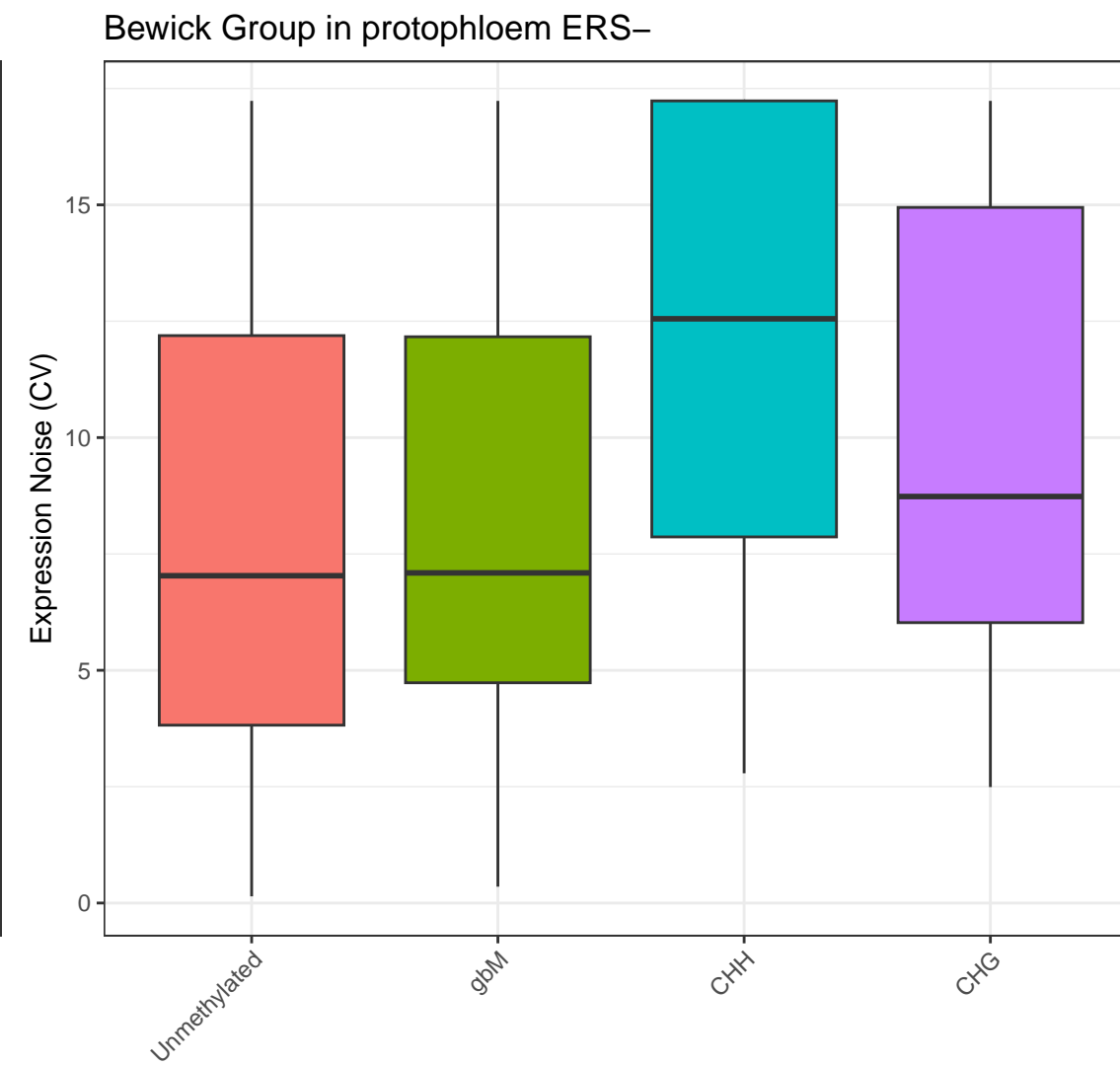
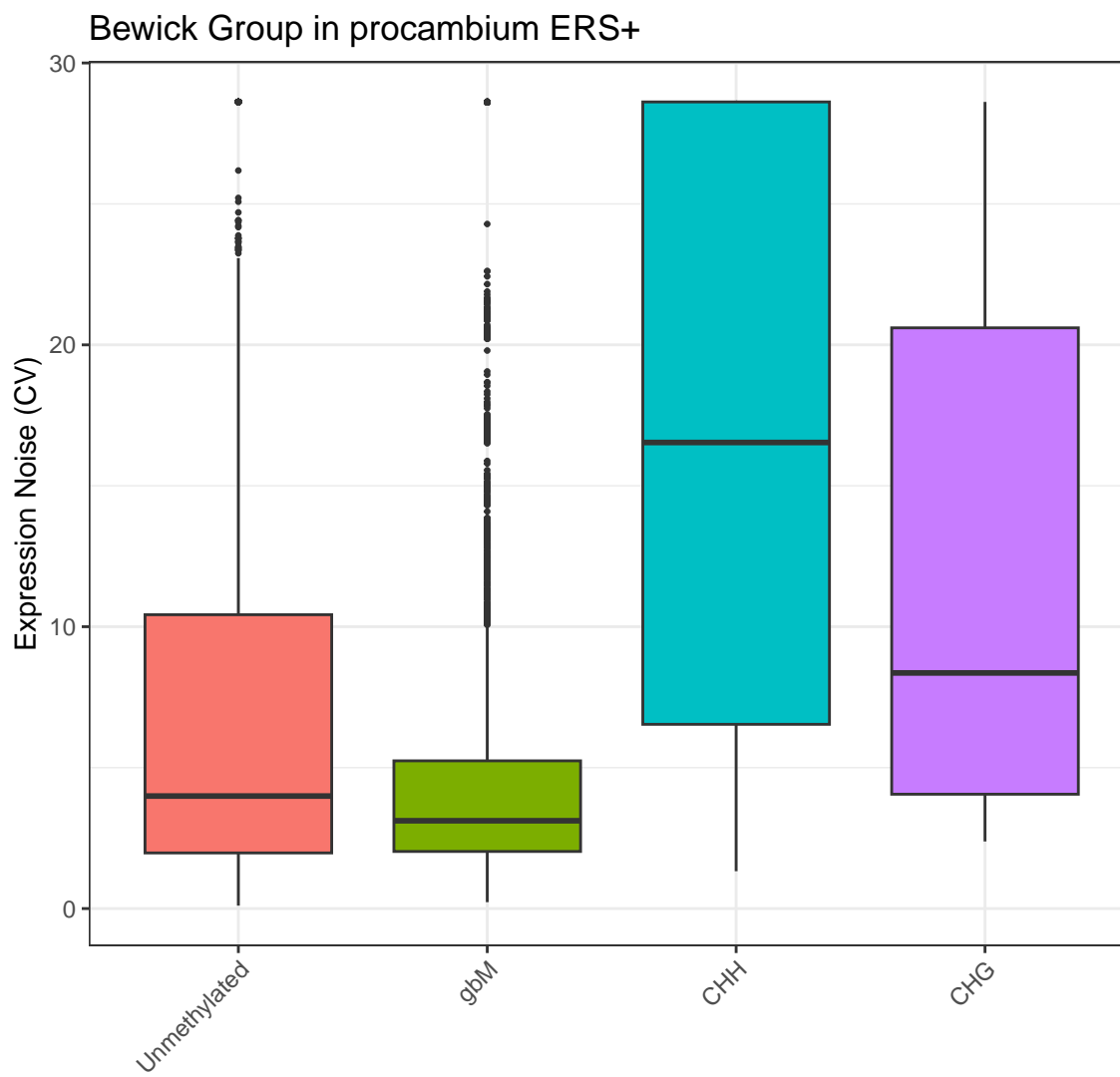
Expression Noise (CV) by Bewick Group in Celltypes (Unfiltered)

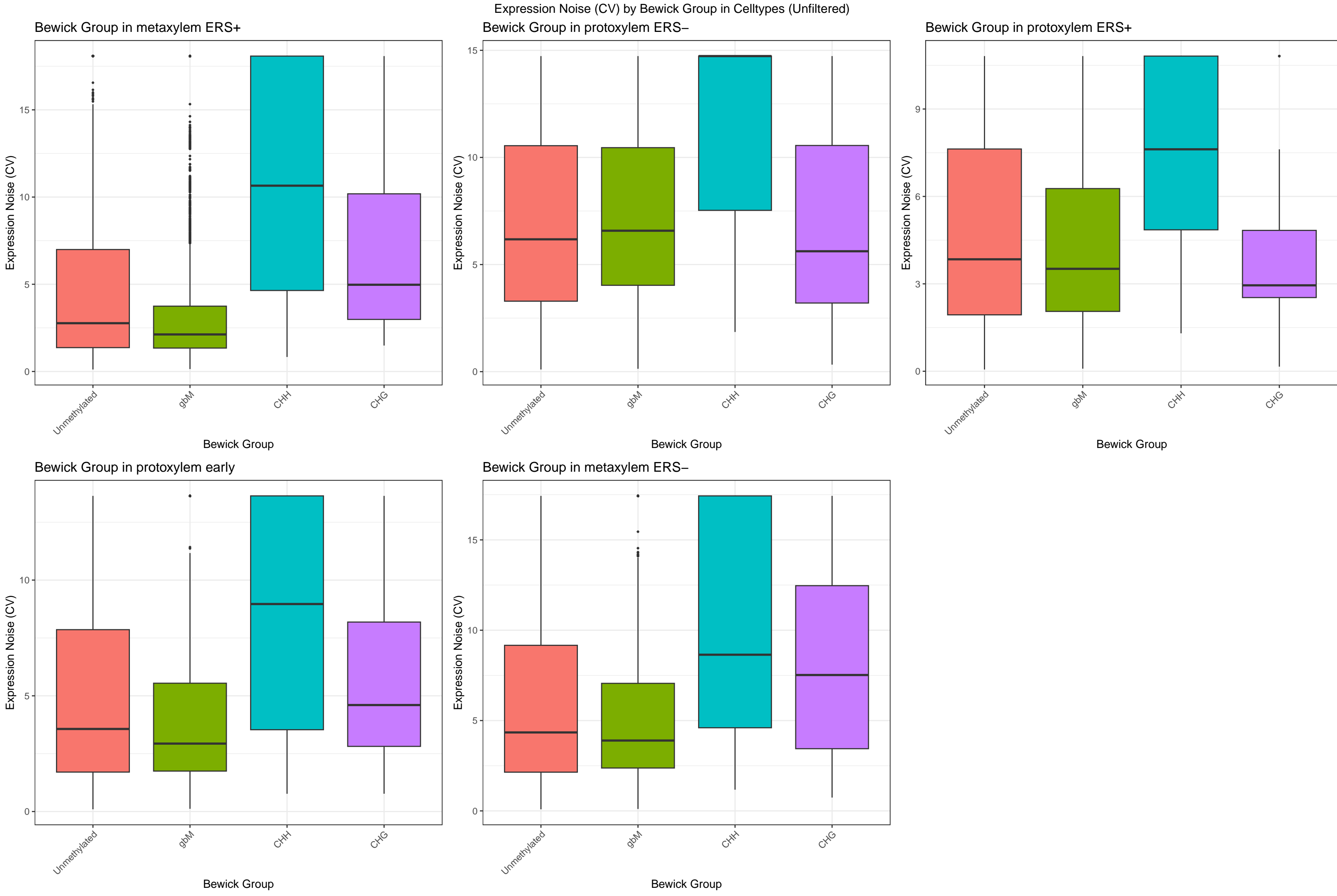


Expression Noise (CV) by Bewick Group in Celltypes (Unfiltered)



Expression Noise (CV) by Bewick Group in Celltypes (Unfiltered)





Statistical Comparisons for Expression Noise (CV) by Bewick Group in Celltypes (Unfiltered)

Context	Filter_Tag	Specific_Context	Group_Type	Comparison	P_value_Formatted
CV Expr by Celltype	Unfiltered	border cells	bewick_group	Overall (Kruskal–Wallis)	6.1883e−06
CV Expr by Celltype	Unfiltered	border cells	bewick_group	gbM vs Unmethylated	8.3255e−03
CV Expr by Celltype	Unfiltered	border cells	bewick_group	CHH vs Unmethylated	1.6402e−05
CV Expr by Celltype	Unfiltered	border cells	bewick_group	CHG vs Unmethylated	2.8936e−01
CV Expr by Celltype	Unfiltered	root cap early	bewick_group	Overall (Kruskal–Wallis)	3.0861e−84
CV Expr by Celltype	Unfiltered	root cap early	bewick_group	gbM vs Unmethylated	1.3106e−51
CV Expr by Celltype	Unfiltered	root cap early	bewick_group	CHH vs Unmethylated	2.4934e−30
CV Expr by Celltype	Unfiltered	root cap early	bewick_group	CHG vs Unmethylated	4.0086e−03
CV Expr by Celltype	Unfiltered	root cap tip	bewick_group	Overall (Kruskal–Wallis)	6.8751e−36
CV Expr by Celltype	Unfiltered	root cap tip	bewick_group	gbM vs Unmethylated	4.1195e−23
CV Expr by Celltype	Unfiltered	root cap tip	bewick_group	CHH vs Unmethylated	3.1862e−14
CV Expr by Celltype	Unfiltered	root cap tip	bewick_group	CHG vs Unmethylated	2.2143e−01
CV Expr by Celltype	Unfiltered	root cap lateral	bewick_group	Overall (Kruskal–Wallis)	2.6331e−34
CV Expr by Celltype	Unfiltered	root cap lateral	bewick_group	gbM vs Unmethylated	1.4229e−16
CV Expr by Celltype	Unfiltered	root cap lateral	bewick_group	CHH vs Unmethylated	3.2422e−18
CV Expr by Celltype	Unfiltered	root cap lateral	bewick_group	CHG vs Unmethylated	2.5185e−02
CV Expr by Celltype	Unfiltered	columella	bewick_group	Overall (Kruskal–Wallis)	7.7087e−29
CV Expr by Celltype	Unfiltered	columella	bewick_group	gbM vs Unmethylated	5.1898e−18
CV Expr by Celltype	Unfiltered	columella	bewick_group	CHH vs Unmethylated	8.3320e−12
CV Expr by Celltype	Unfiltered	columella	bewick_group	CHG vs Unmethylated	6.4504e−02
CV Expr by Celltype	Unfiltered	non–hair cells	bewick_group	Overall (Kruskal–Wallis)	9.7980e−98
CV Expr by Celltype	Unfiltered	non–hair cells	bewick_group	gbM vs Unmethylated	2.5976e−61
CV Expr by Celltype	Unfiltered	non–hair cells	bewick_group	CHH vs Unmethylated	3.3759e−30
CV Expr by Celltype	Unfiltered	non–hair cells	bewick_group	CHG vs Unmethylated	3.6058e−06
CV Expr by Celltype	Unfiltered	epidermis early	bewick_group	Overall (Kruskal–Wallis)	3.5823e−148
CV Expr by Celltype	Unfiltered	epidermis early	bewick_group	gbM vs Unmethylated	1.5219e−100
CV Expr by Celltype	Unfiltered	epidermis early	bewick_group	CHH vs Unmethylated	1.4435e−40
CV Expr by Celltype	Unfiltered	epidermis early	bewick_group	CHG vs Unmethylated	3.2791e−06
CV Expr by Celltype	Unfiltered	hair cells early	bewick_group	Overall (Kruskal–Wallis)	2.1132e−121
CV Expr by Celltype	Unfiltered	hair cells early	bewick_group	gbM vs Unmethylated	1.2551e−78

Statistical Comparisons for Expression Noise (CV) by Bewick Group in Celltypes (Unfiltered)

Context	Filter_Tag	Specific_Context	Group_Type	Comparison	P_value_Formatted
CV Expr by Celltype	Unfiltered	hair cells early	bewick_group	CHH vs Unmethylated	1.0648e−35
CV Expr by Celltype	Unfiltered	hair cells early	bewick_group	CHG vs Unmethylated	1.0884e−06
CV Expr by Celltype	Unfiltered	cortex ERS+	bewick_group	Overall (Kruskal–Wallis)	8.3645e−49
CV Expr by Celltype	Unfiltered	cortex ERS+	bewick_group	gbM vs Unmethylated	8.8826e−31
CV Expr by Celltype	Unfiltered	cortex ERS+	bewick_group	CHH vs Unmethylated	8.4499e−17
CV Expr by Celltype	Unfiltered	cortex ERS+	bewick_group	CHG vs Unmethylated	1.2282e−03
CV Expr by Celltype	Unfiltered	hair cells ERS+	bewick_group	Overall (Kruskal–Wallis)	1.1123e−64
CV Expr by Celltype	Unfiltered	hair cells ERS+	bewick_group	gbM vs Unmethylated	2.2647e−37
CV Expr by Celltype	Unfiltered	hair cells ERS+	bewick_group	CHH vs Unmethylated	2.3765e−24
CV Expr by Celltype	Unfiltered	hair cells ERS+	bewick_group	CHG vs Unmethylated	7.5952e−05
CV Expr by Celltype	Unfiltered	hair cells ERS−	bewick_group	Overall (Kruskal–Wallis)	1.6541e−12
CV Expr by Celltype	Unfiltered	hair cells ERS−	bewick_group	gbM vs Unmethylated	2.5383e−05
CV Expr by Celltype	Unfiltered	hair cells ERS−	bewick_group	CHH vs Unmethylated	3.9161e−09
CV Expr by Celltype	Unfiltered	hair cells ERS−	bewick_group	CHG vs Unmethylated	2.0365e−01
CV Expr by Celltype	Unfiltered	xpp ERS−	bewick_group	Overall (Kruskal–Wallis)	4.8436e−24
CV Expr by Celltype	Unfiltered	xpp ERS−	bewick_group	gbM vs Unmethylated	1.2779e−11
CV Expr by Celltype	Unfiltered	xpp ERS−	bewick_group	CHH vs Unmethylated	2.4996e−13
CV Expr by Celltype	Unfiltered	xpp ERS−	bewick_group	CHG vs Unmethylated	3.9923e−02
CV Expr by Celltype	Unfiltered	cortex ERS−	bewick_group	Overall (Kruskal–Wallis)	8.4144e−10
CV Expr by Celltype	Unfiltered	cortex ERS−	bewick_group	gbM vs Unmethylated	1.6028e−01
CV Expr by Celltype	Unfiltered	cortex ERS−	bewick_group	CHH vs Unmethylated	5.9460e−10
CV Expr by Celltype	Unfiltered	cortex ERS−	bewick_group	CHG vs Unmethylated	9.2185e−02
CV Expr by Celltype	Unfiltered	endodermis ERS−	bewick_group	Overall (Kruskal–Wallis)	1.9264e−10
CV Expr by Celltype	Unfiltered	endodermis ERS−	bewick_group	gbM vs Unmethylated	1.8595e−01
CV Expr by Celltype	Unfiltered	endodermis ERS−	bewick_group	CHH vs Unmethylated	6.7518e−11
CV Expr by Celltype	Unfiltered	endodermis ERS−	bewick_group	CHG vs Unmethylated	2.1477e−01
CV Expr by Celltype	Unfiltered	endodermis ERS+	bewick_group	Overall (Kruskal–Wallis)	8.1834e−73
CV Expr by Celltype	Unfiltered	endodermis ERS+	bewick_group	gbM vs Unmethylated	2.7837e−52
CV Expr by Celltype	Unfiltered	endodermis ERS+	bewick_group	CHH vs Unmethylated	9.8289e−19
CV Expr by Celltype	Unfiltered	endodermis ERS+	bewick_group	CHG vs Unmethylated	1.3083e−03

Statistical Comparisons for Expression Noise (CV) by Bewick Group in Celltypes (Unfiltered)

Context	Filter_Tag	Specific_Context	Group_Type	Comparison	P_value_Formatted
CV Expr by Celltype	Unfiltered	xpp ERS+	bewick_group	Overall (Kruskal–Wallis)	2.7524e−114
CV Expr by Celltype	Unfiltered	xpp ERS+	bewick_group	gbM vs Unmethylated	6.3467e−80
CV Expr by Celltype	Unfiltered	xpp ERS+	bewick_group	CHH vs Unmethylated	2.6579e−30
CV Expr by Celltype	Unfiltered	xpp ERS+	bewick_group	CHG vs Unmethylated	1.1327e−04
CV Expr by Celltype	Unfiltered	ppp ERS+	bewick_group	Overall (Kruskal–Wallis)	6.0035e−70
CV Expr by Celltype	Unfiltered	ppp ERS+	bewick_group	gbM vs Unmethylated	3.3969e−52
CV Expr by Celltype	Unfiltered	ppp ERS+	bewick_group	CHH vs Unmethylated	1.1004e−16
CV Expr by Celltype	Unfiltered	ppp ERS+	bewick_group	CHG vs Unmethylated	1.8375e−03
CV Expr by Celltype	Unfiltered	ppp ERS−	bewick_group	Overall (Kruskal–Wallis)	3.0253e−10
CV Expr by Celltype	Unfiltered	ppp ERS−	bewick_group	gbM vs Unmethylated	3.1456e−05
CV Expr by Celltype	Unfiltered	ppp ERS−	bewick_group	CHH vs Unmethylated	1.0189e−06
CV Expr by Celltype	Unfiltered	ppp ERS−	bewick_group	CHG vs Unmethylated	1.0483e−01
CV Expr by Celltype	Unfiltered	procambium ERS+	bewick_group	Overall (Kruskal–Wallis)	1.5961e−64
CV Expr by Celltype	Unfiltered	procambium ERS+	bewick_group	gbM vs Unmethylated	6.9403e−46
CV Expr by Celltype	Unfiltered	procambium ERS+	bewick_group	CHH vs Unmethylated	3.0586e−17
CV Expr by Celltype	Unfiltered	procambium ERS+	bewick_group	CHG vs Unmethylated	1.8074e−03
CV Expr by Celltype	Unfiltered	procambium ERS−	bewick_group	Overall (Kruskal–Wallis)	4.8569e−13
CV Expr by Celltype	Unfiltered	procambium ERS−	bewick_group	gbM vs Unmethylated	7.6531e−04
CV Expr by Celltype	Unfiltered	procambium ERS−	bewick_group	CHH vs Unmethylated	2.1779e−10
CV Expr by Celltype	Unfiltered	procambium ERS−	bewick_group	CHG vs Unmethylated	4.5973e−02
CV Expr by Celltype	Unfiltered	protophloem ERS−	bewick_group	Overall (Kruskal–Wallis)	3.3879e−10
CV Expr by Celltype	Unfiltered	protophloem ERS−	bewick_group	gbM vs Unmethylated	7.6097e−06
CV Expr by Celltype	Unfiltered	protophloem ERS−	bewick_group	CHH vs Unmethylated	9.3061e−07
CV Expr by Celltype	Unfiltered	protophloem ERS−	bewick_group	CHG vs Unmethylated	7.9438e−02
CV Expr by Celltype	Unfiltered	metaphloem ERS−	bewick_group	Overall (Kruskal–Wallis)	1.9312e−06
CV Expr by Celltype	Unfiltered	metaphloem ERS−	bewick_group	gbM vs Unmethylated	7.2287e−01
CV Expr by Celltype	Unfiltered	metaphloem ERS−	bewick_group	CHH vs Unmethylated	3.2646e−07
CV Expr by Celltype	Unfiltered	metaphloem ERS−	bewick_group	CHG vs Unmethylated	2.2412e−01
CV Expr by Celltype	Unfiltered	protophloem ERS+	bewick_group	Overall (Kruskal–Wallis)	1.7722e−12
CV Expr by Celltype	Unfiltered	protophloem ERS+	bewick_group	gbM vs Unmethylated	3.3033e−09

Statistical Comparisons for Expression Noise (CV) by Bewick Group in Celltypes (Unfiltered)

Context	Filter_Tag	Specific_Context	Group_Type	Comparison	P_value_Formatted
CV Expr by Celltype	Unfiltered	protophloem ERS+	bewick_group	CHH vs Unmethylated	1.7210e−04
CV Expr by Celltype	Unfiltered	protophloem ERS+	bewick_group	CHG vs Unmethylated	2.8895e−02
CV Expr by Celltype	Unfiltered	metaphloem ERS+	bewick_group	Overall (Kruskal–Wallis)	1.7895e−47
CV Expr by Celltype	Unfiltered	metaphloem ERS+	bewick_group	gbM vs Unmethylated	5.1001e−32
CV Expr by Celltype	Unfiltered	metaphloem ERS+	bewick_group	CHH vs Unmethylated	1.5723e−15
CV Expr by Celltype	Unfiltered	metaphloem ERS+	bewick_group	CHG vs Unmethylated	1.1230e−02
CV Expr by Celltype	Unfiltered	metaxylem ERS+	bewick_group	Overall (Kruskal–Wallis)	6.3322e−70
CV Expr by Celltype	Unfiltered	metaxylem ERS+	bewick_group	gbM vs Unmethylated	5.8578e−52
CV Expr by Celltype	Unfiltered	metaxylem ERS+	bewick_group	CHH vs Unmethylated	1.5653e−16
CV Expr by Celltype	Unfiltered	metaxylem ERS+	bewick_group	CHG vs Unmethylated	1.1835e−03
CV Expr by Celltype	Unfiltered	protoxylem early	bewick_group	Overall (Kruskal–Wallis)	1.1327e−23
CV Expr by Celltype	Unfiltered	protoxylem early	bewick_group	gbM vs Unmethylated	4.7665e−18
CV Expr by Celltype	Unfiltered	protoxylem early	bewick_group	CHH vs Unmethylated	1.2727e−07
CV Expr by Celltype	Unfiltered	protoxylem early	bewick_group	CHG vs Unmethylated	1.7834e−01
CV Expr by Celltype	Unfiltered	protoxylem ERS−	bewick_group	Overall (Kruskal–Wallis)	2.0383e−08
CV Expr by Celltype	Unfiltered	protoxylem ERS−	bewick_group	gbM vs Unmethylated	2.3862e−05
CV Expr by Celltype	Unfiltered	protoxylem ERS−	bewick_group	CHH vs Unmethylated	6.0530e−06
CV Expr by Celltype	Unfiltered	protoxylem ERS−	bewick_group	CHG vs Unmethylated	5.8829e−01
CV Expr by Celltype	Unfiltered	metaxylem ERS−	bewick_group	Overall (Kruskal–Wallis)	6.1741e−10
CV Expr by Celltype	Unfiltered	metaxylem ERS−	bewick_group	gbM vs Unmethylated	1.0140e−05
CV Expr by Celltype	Unfiltered	metaxylem ERS−	bewick_group	CHH vs Unmethylated	1.9878e−05
CV Expr by Celltype	Unfiltered	metaxylem ERS−	bewick_group	CHG vs Unmethylated	2.5175e−02
CV Expr by Celltype	Unfiltered	protoxylem ERS+	bewick_group	Overall (Kruskal–Wallis)	1.3788e−06
CV Expr by Celltype	Unfiltered	protoxylem ERS+	bewick_group	gbM vs Unmethylated	3.6606e−03
CV Expr by Celltype	Unfiltered	protoxylem ERS+	bewick_group	CHH vs Unmethylated	9.2861e−06
CV Expr by Celltype	Unfiltered	protoxylem ERS+	bewick_group	CHG vs Unmethylated	7.0205e−01