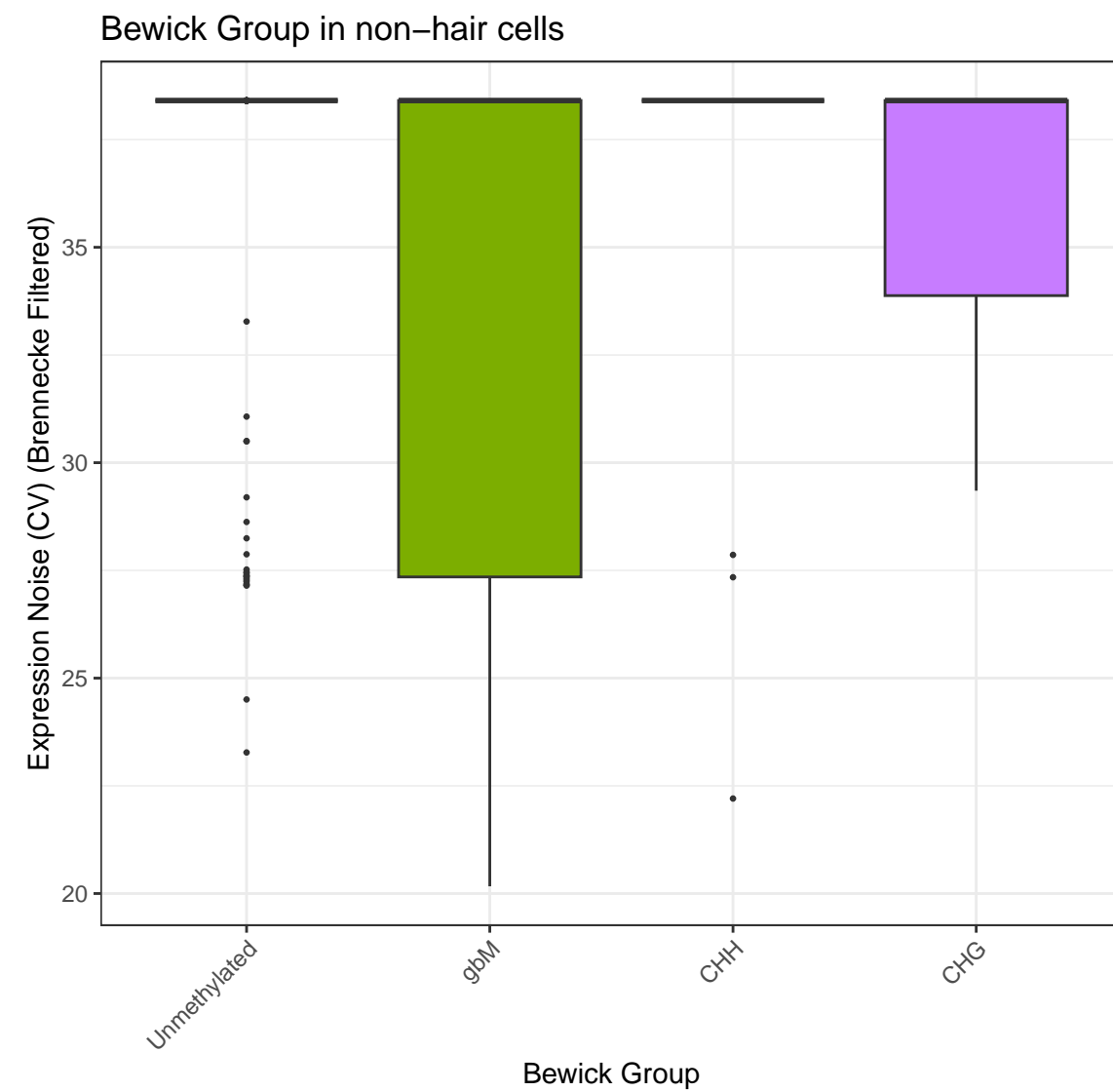
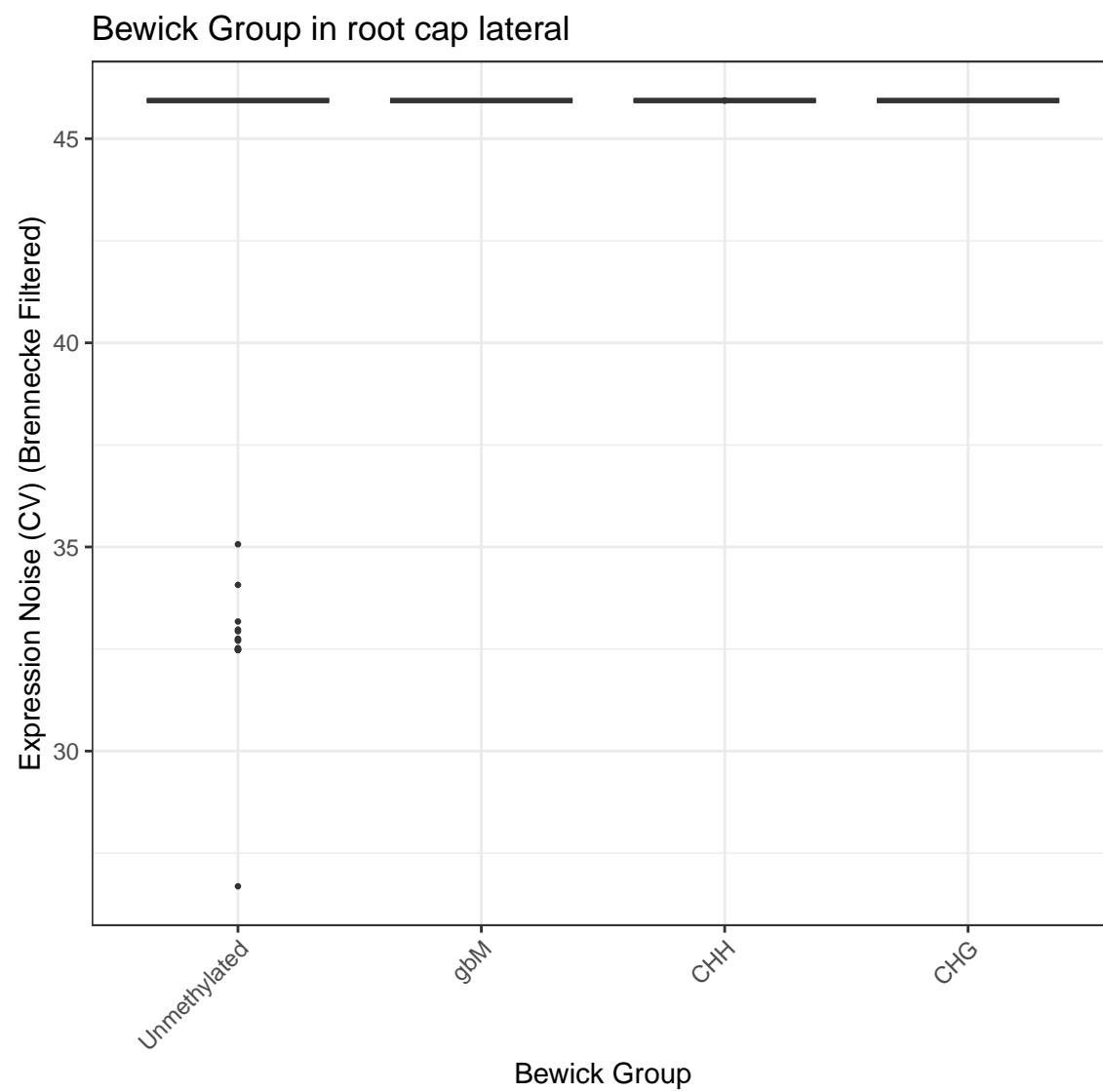
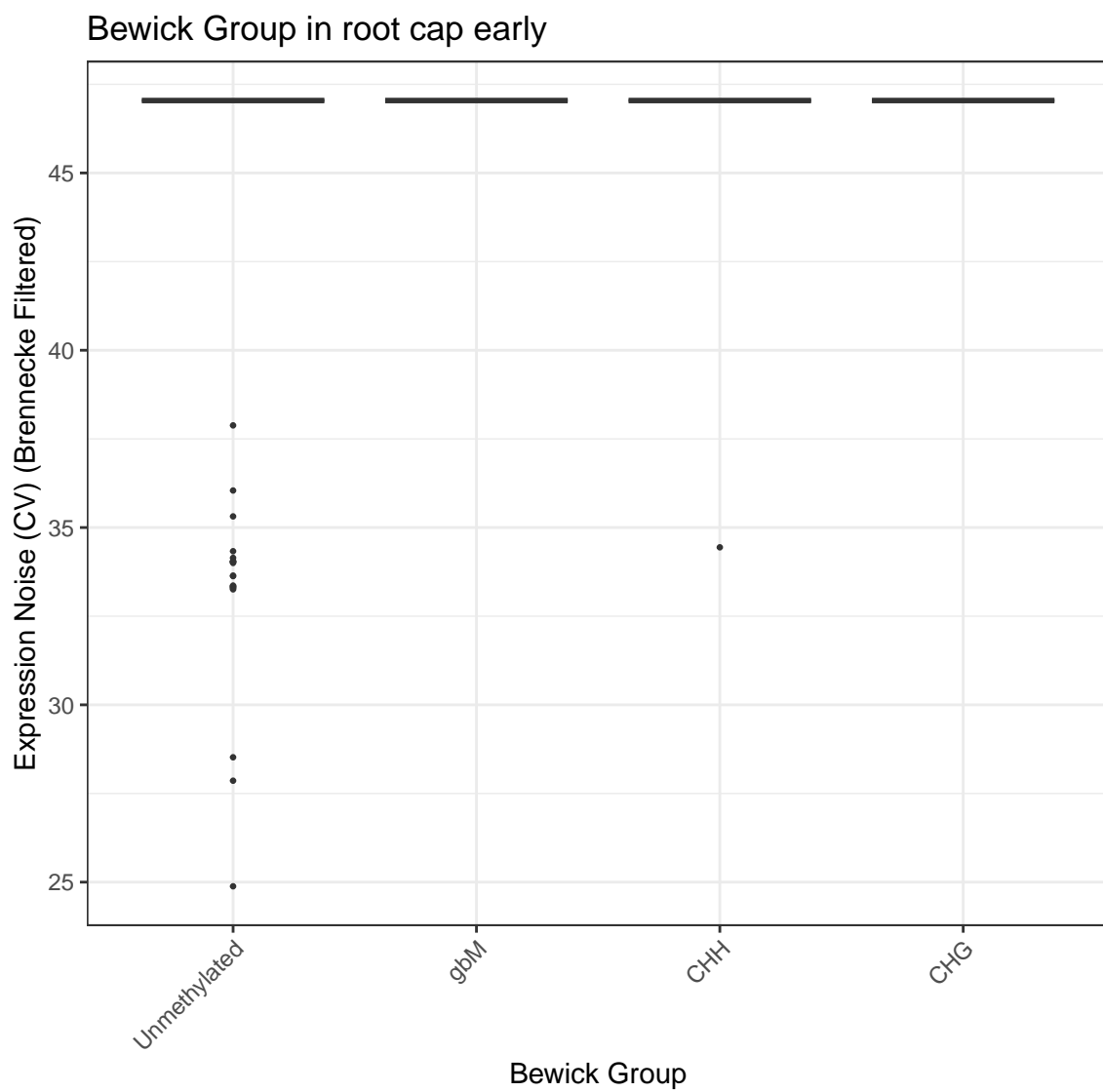
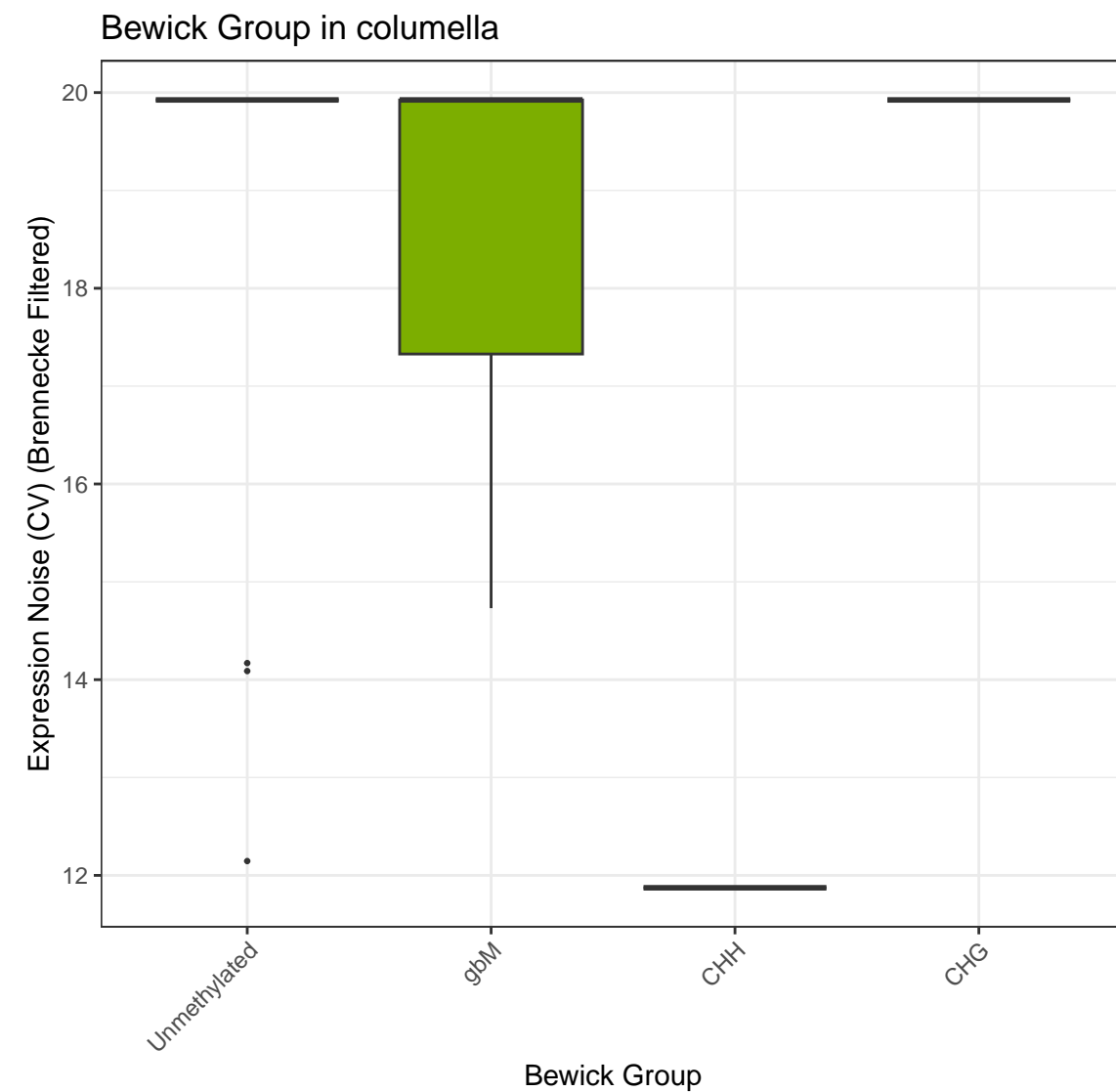
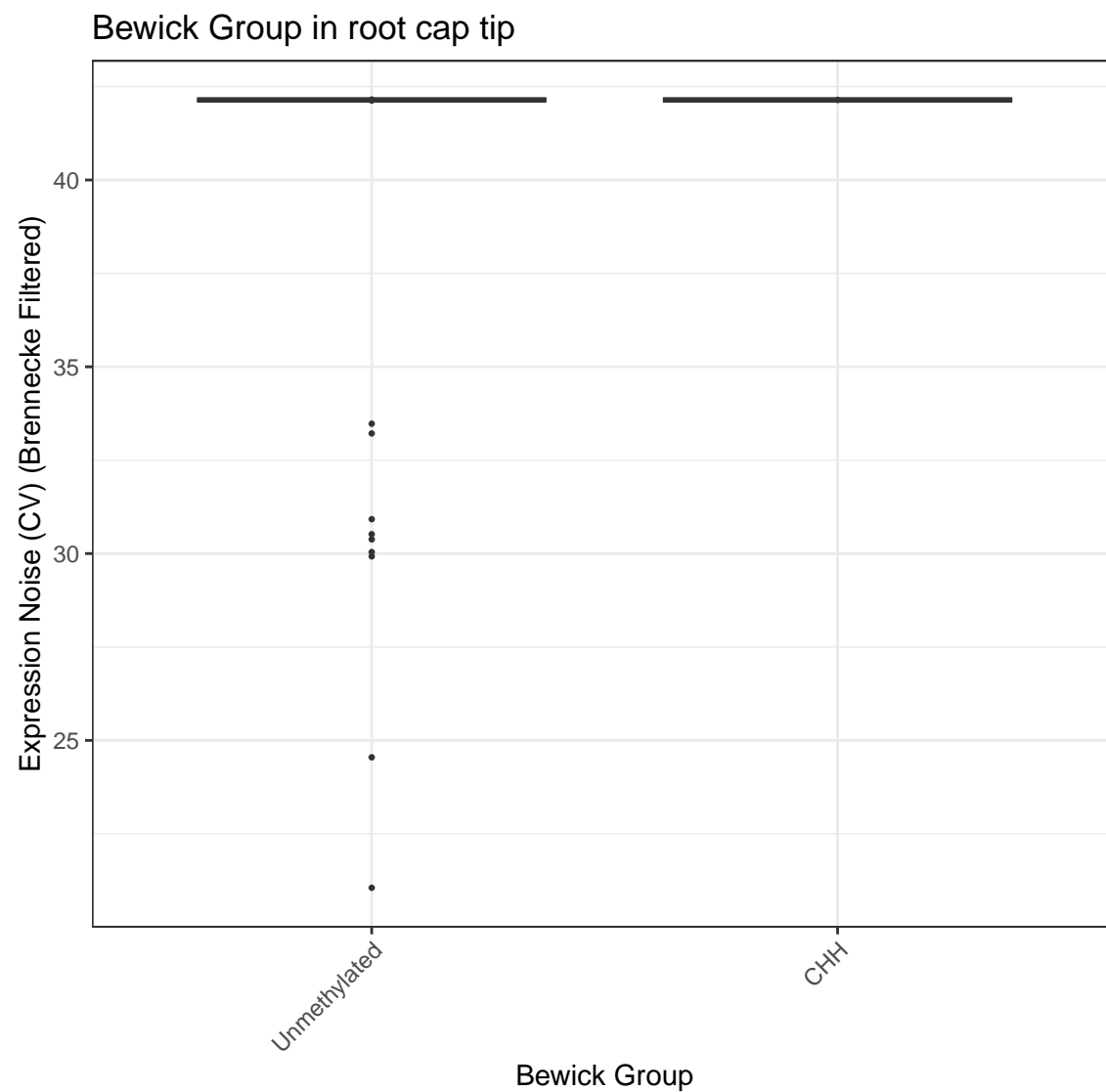
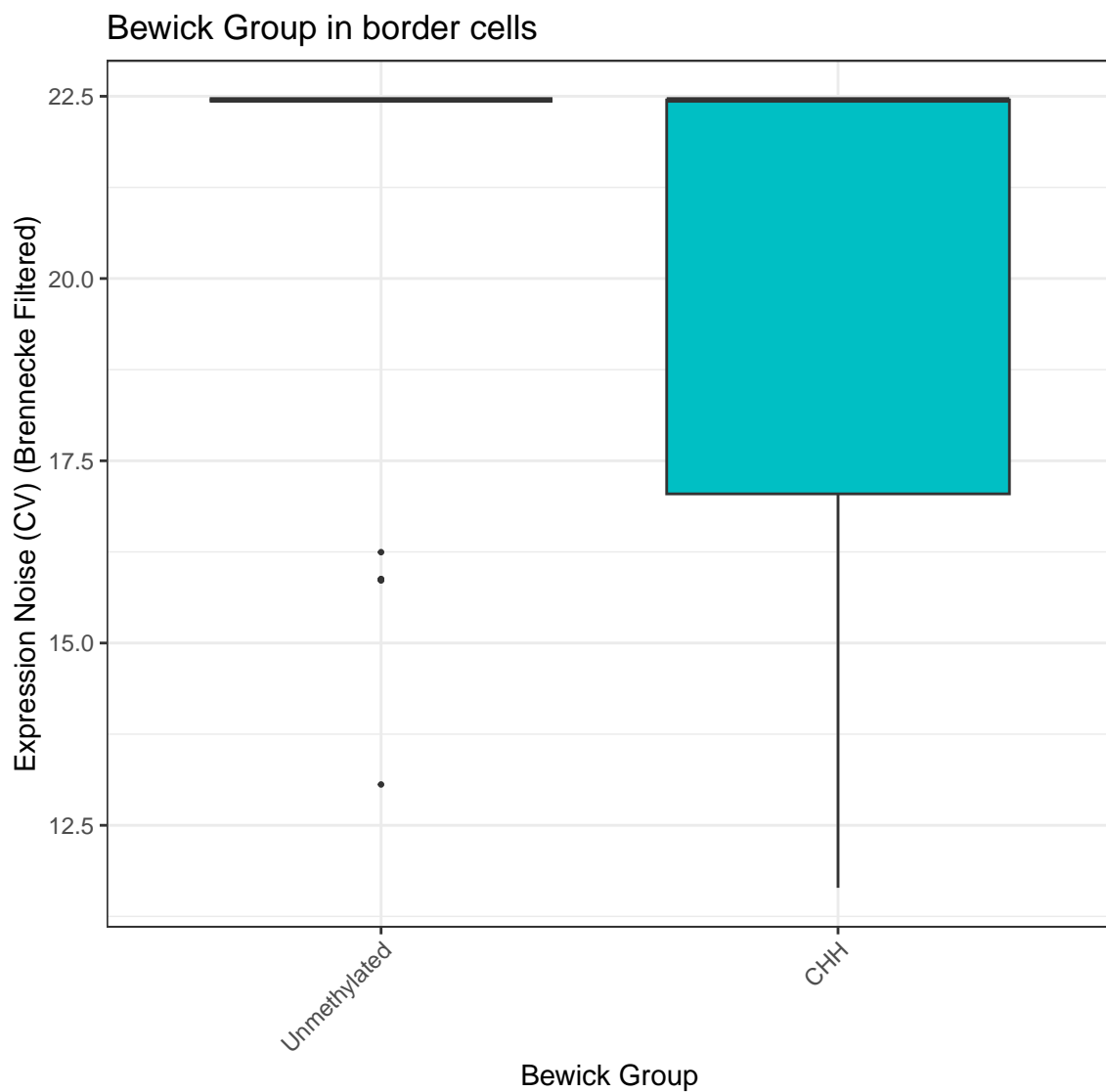
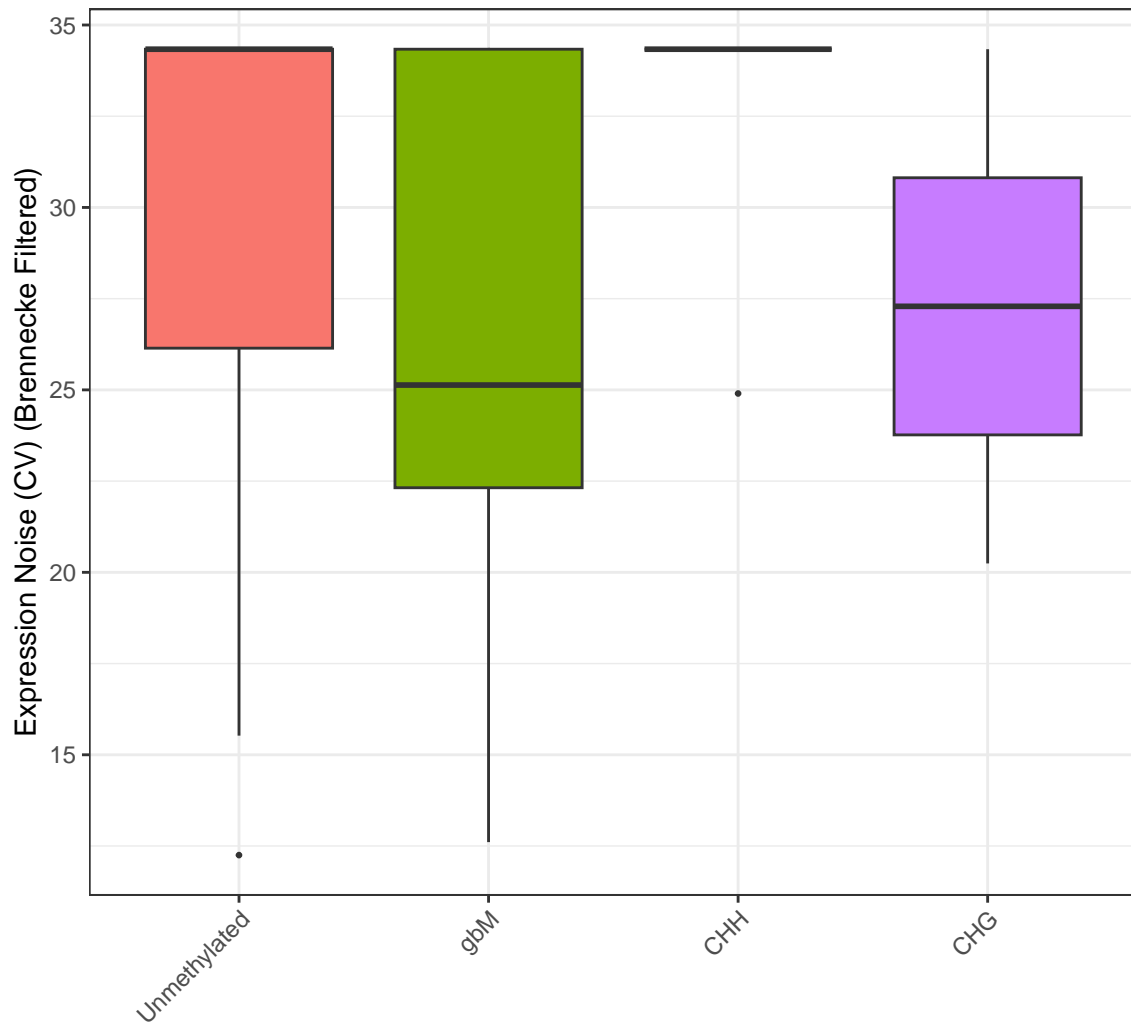




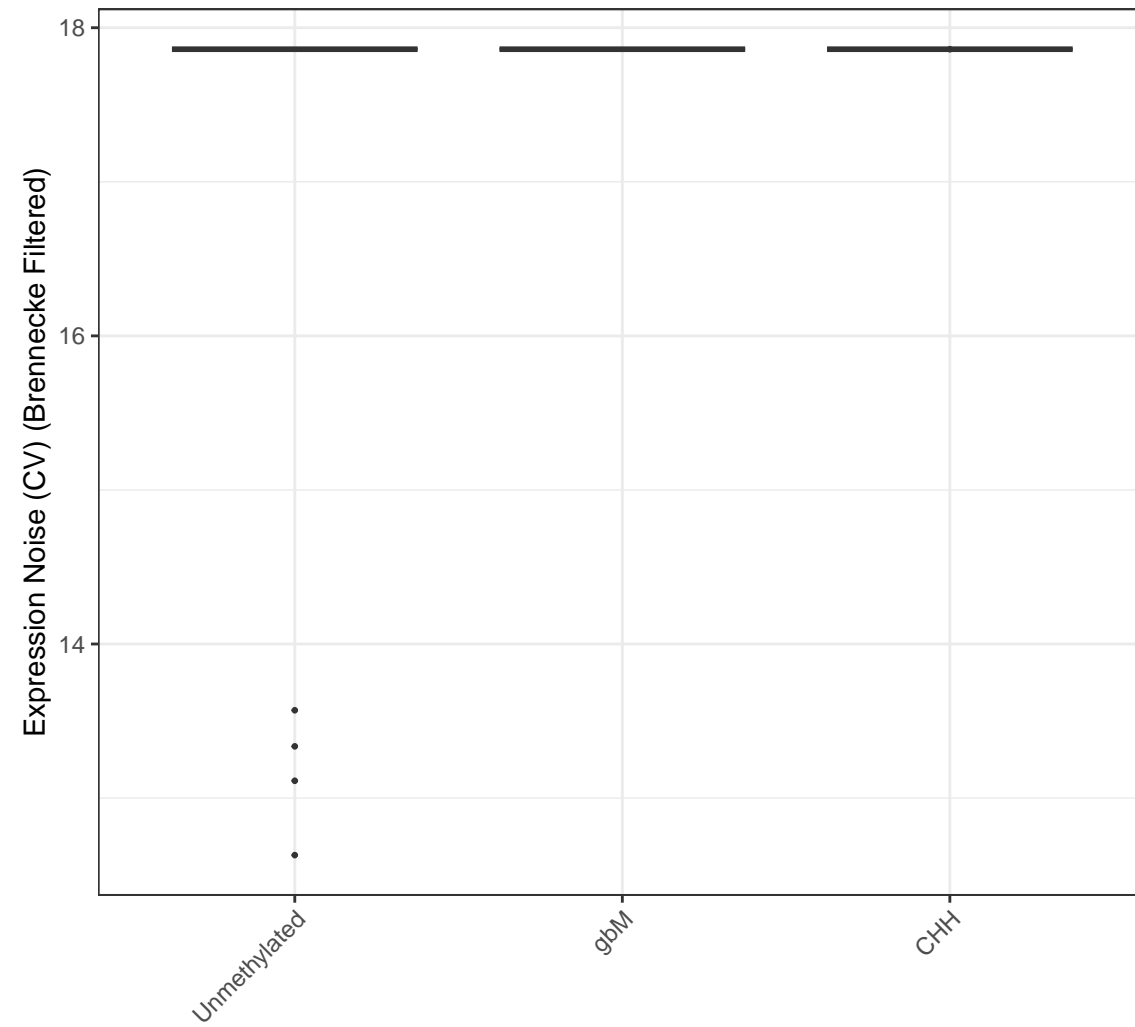
Expression Noise (CV) by Bewick Group in Celltypes (Brennecke Filtered)



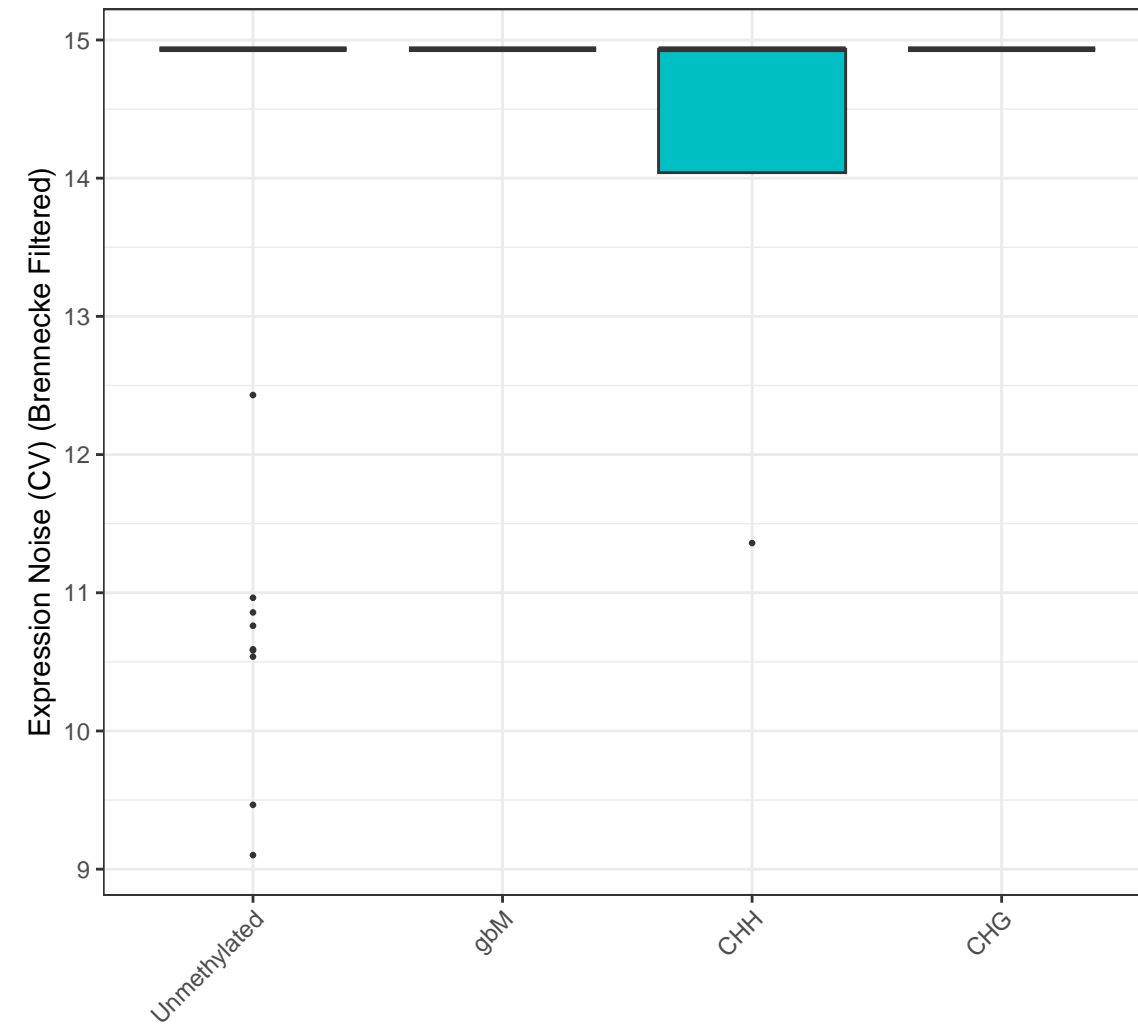
Bewick Group in epidermis early



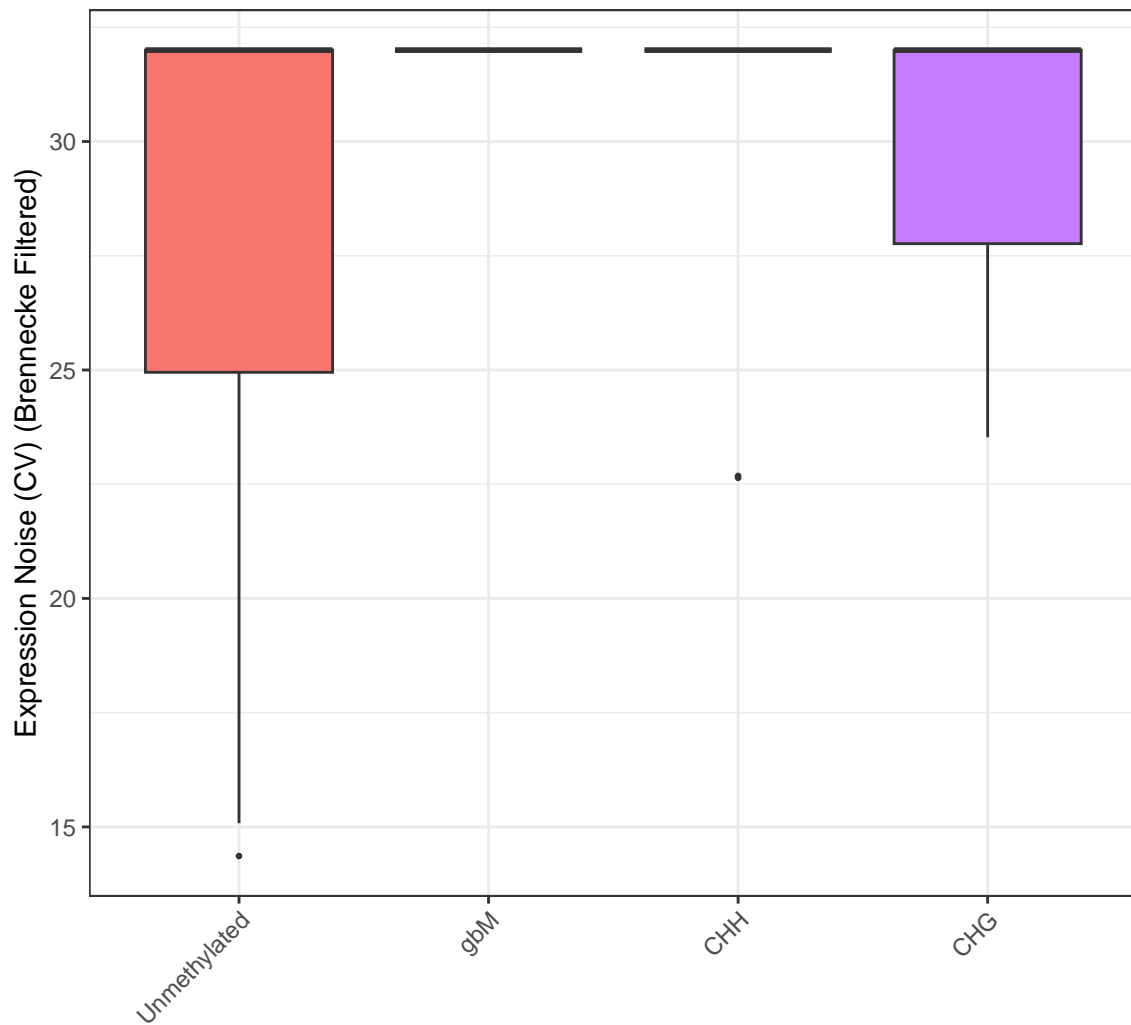
Bewick Group in cortex ERS+



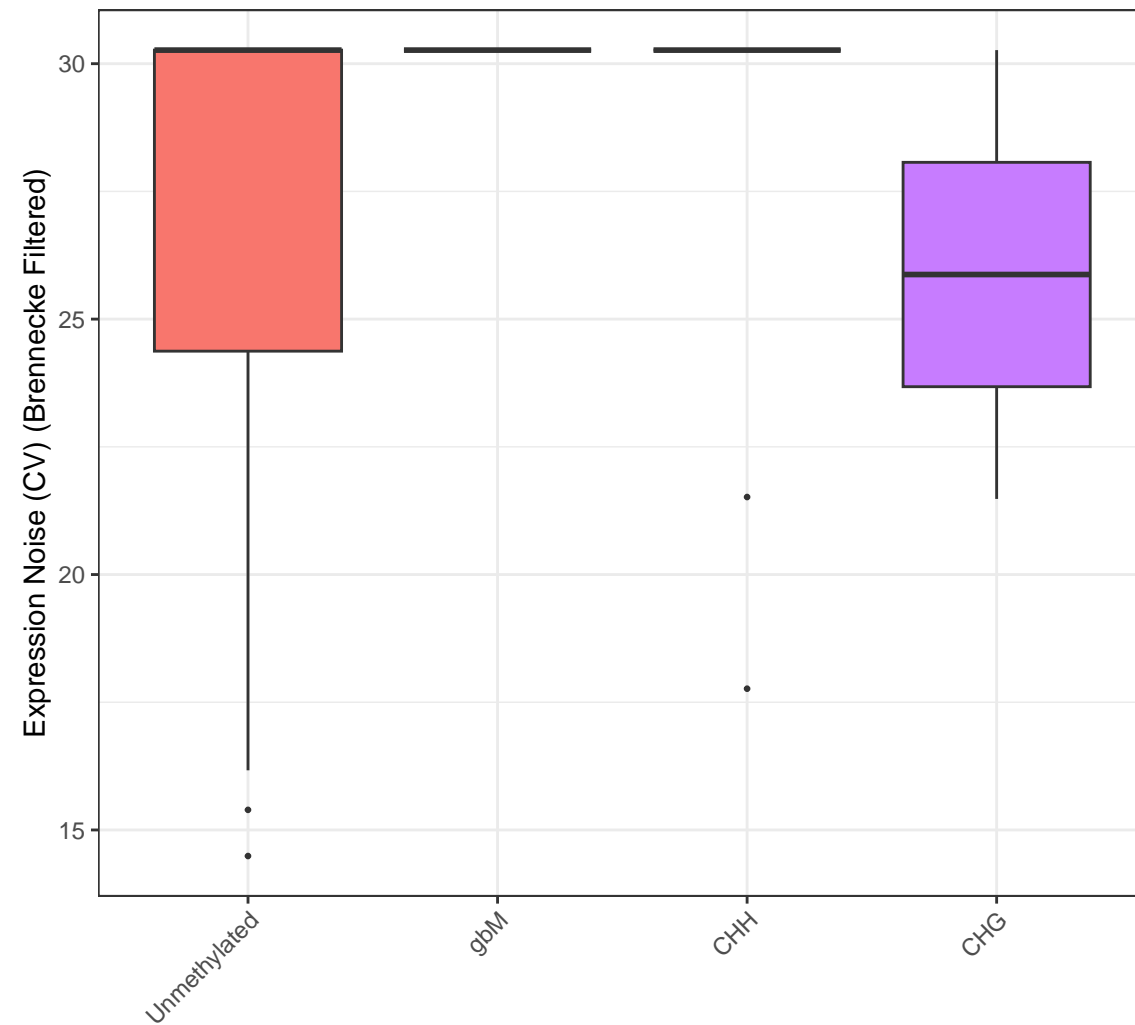
Bewick Group in hair cells ERS–



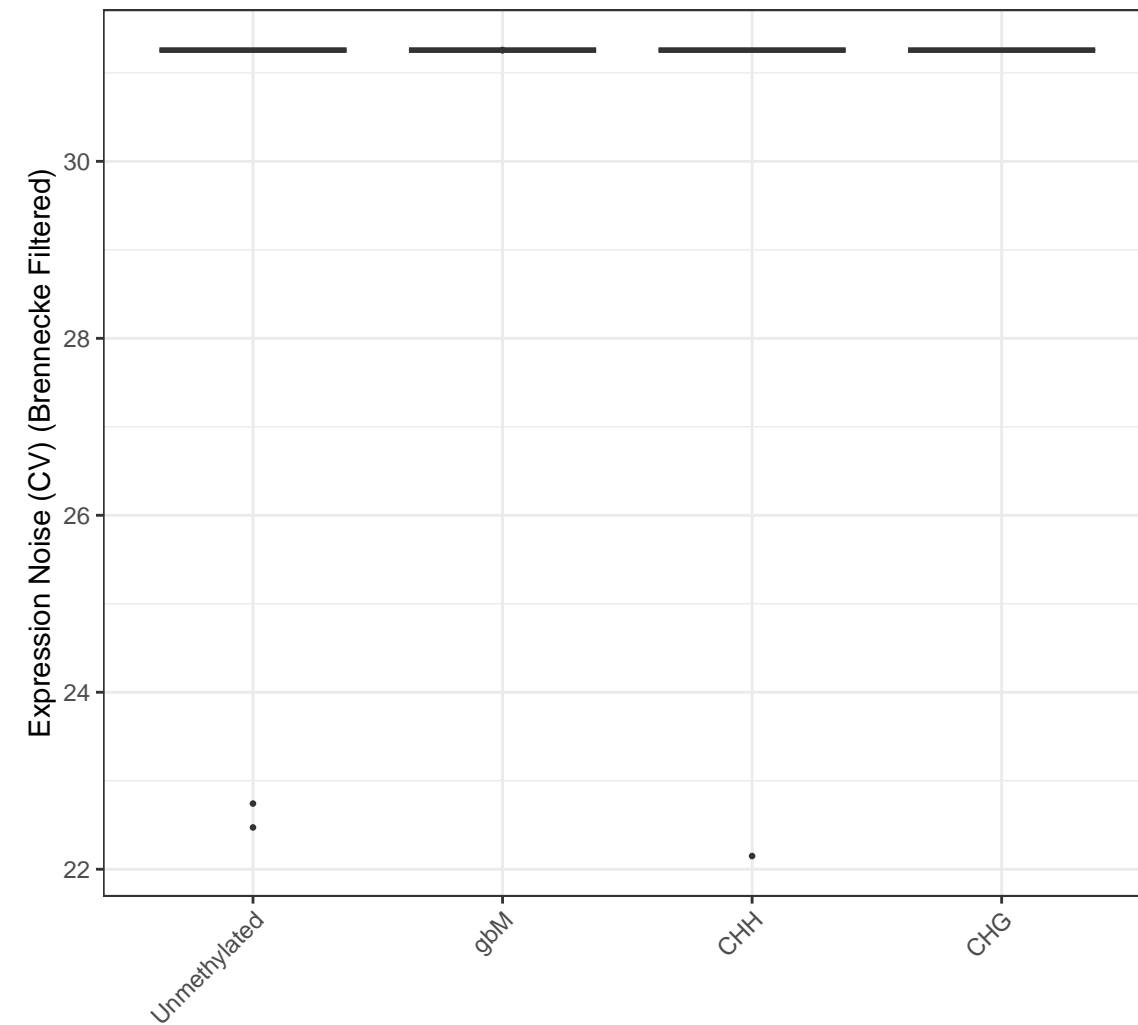
## Bewick Group in hair cells early



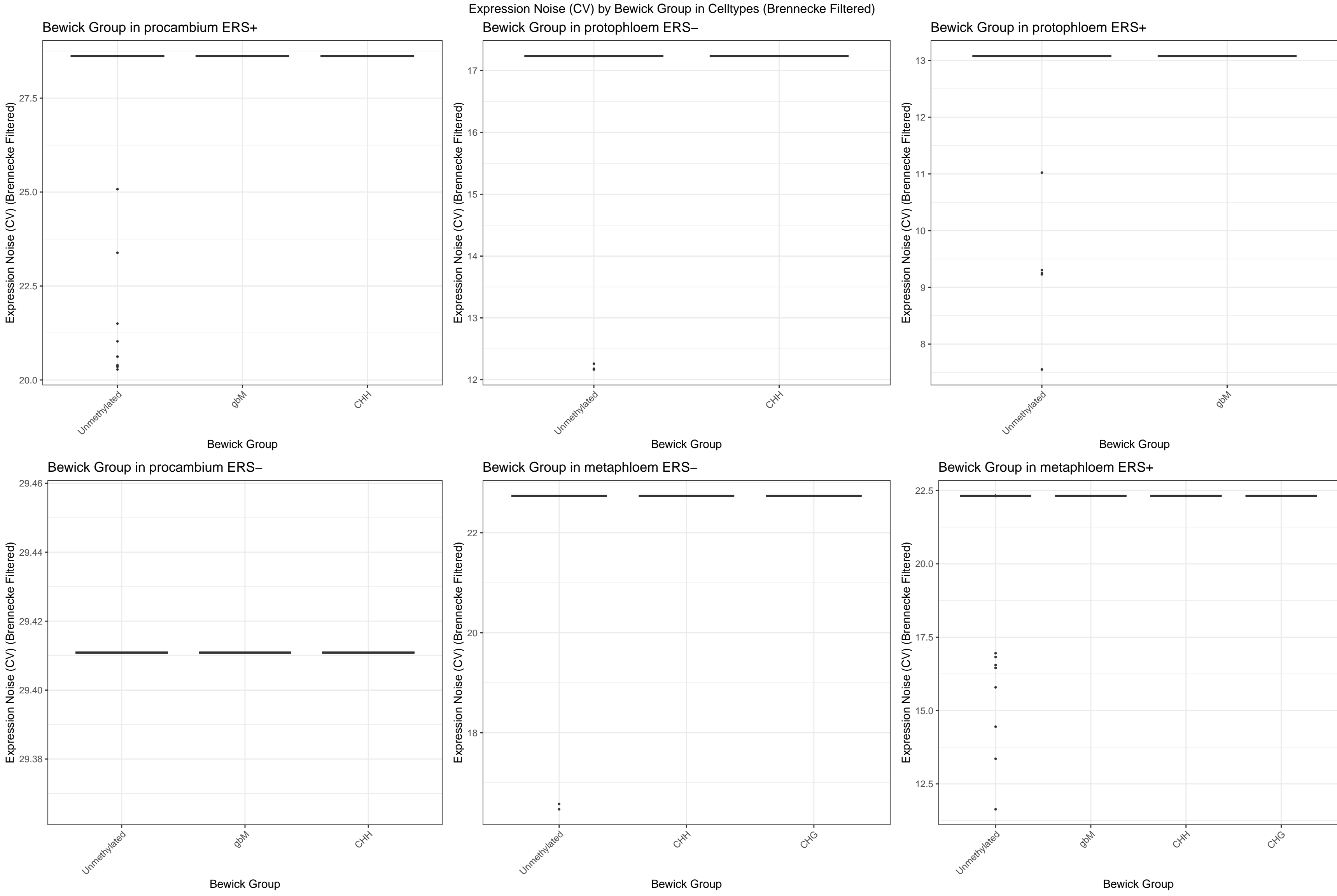
Bewick Group in hair cells ERS+

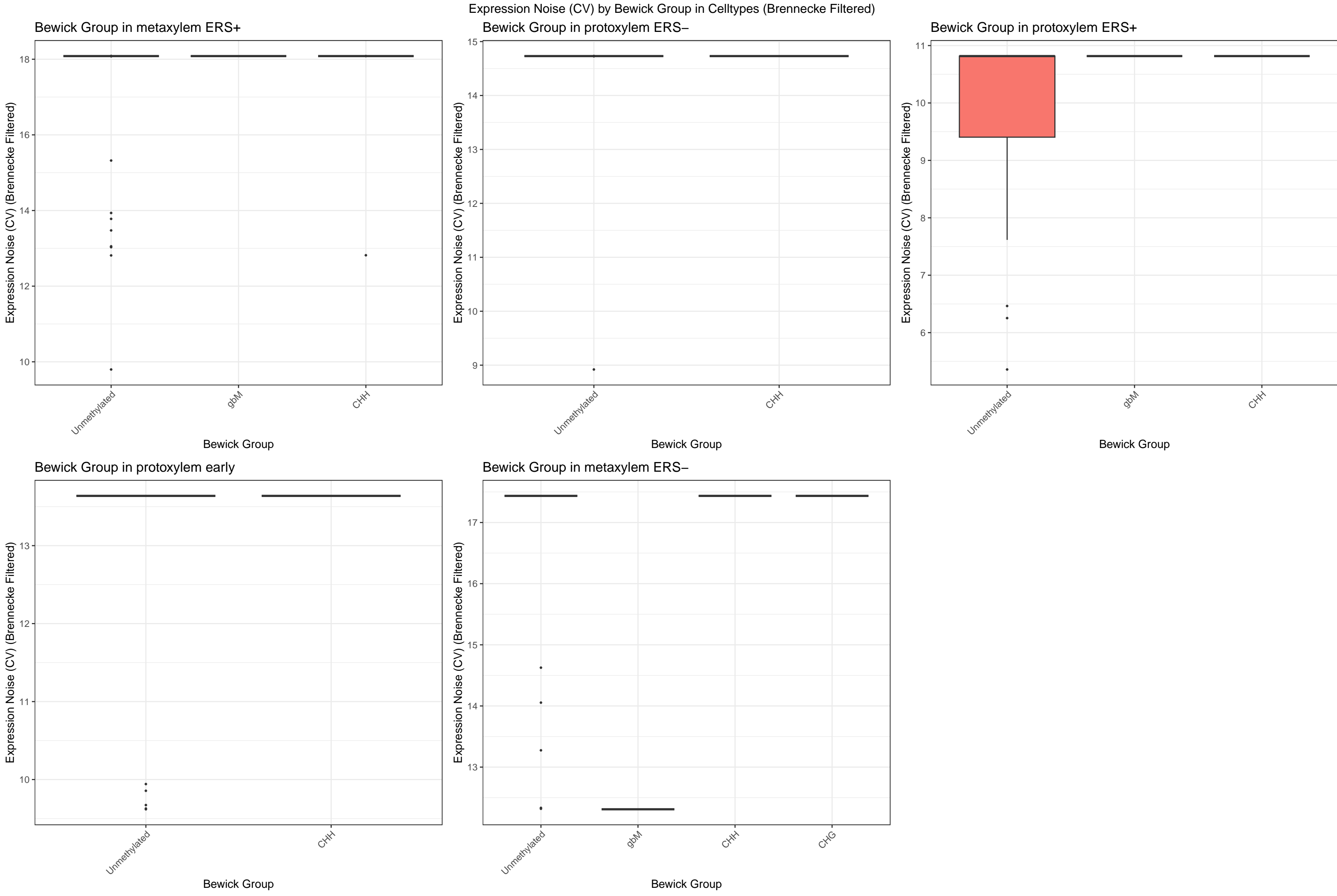


Bewick Group in xpp ERS-











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

Context	Filter_Tag	Specific_Context	Group_Type	Comparison	P_value_Formatted
CV Expr by Celltype	Brennecke Filtered	border cells	bewick_group	Overall (Kruskal–Wallis)	7.5298e−01
CV Expr by Celltype	Brennecke Filtered	border cells	bewick_group	CHH vs Unmethylated	7.9906e−01
CV Expr by Celltype	Brennecke Filtered	root cap early	bewick_group	gbM vs Unmethylated	9.2300e−01
CV Expr by Celltype	Brennecke Filtered	root cap early	bewick_group	CHH vs Unmethylated	3.9239e−01
CV Expr by Celltype	Brennecke Filtered	root cap tip	bewick_group	Overall (Kruskal–Wallis)	8.3388e−04
CV Expr by Celltype	Brennecke Filtered	root cap tip	bewick_group	CHH vs Unmethylated	1.5320e−02
CV Expr by Celltype	Brennecke Filtered	root cap lateral	bewick_group	gbM vs Unmethylated	9.0815e−01
CV Expr by Celltype	Brennecke Filtered	root cap lateral	bewick_group	CHH vs Unmethylated	4.5460e−01
CV Expr by Celltype	Brennecke Filtered	columella	bewick_group	gbM vs Unmethylated	7.4803e−01
CV Expr by Celltype	Brennecke Filtered	non–hair cells	bewick_group	Overall (Kruskal–Wallis)	1.3128e−01
CV Expr by Celltype	Brennecke Filtered	non–hair cells	bewick_group	gbM vs Unmethylated	1.2476e−01
CV Expr by Celltype	Brennecke Filtered	non–hair cells	bewick_group	CHH vs Unmethylated	3.0262e−01
CV Expr by Celltype	Brennecke Filtered	non–hair cells	bewick_group	CHG vs Unmethylated	4.8021e−01
CV Expr by Celltype	Brennecke Filtered	epidermis early	bewick_group	Overall (Kruskal–Wallis)	4.8034e−03
CV Expr by Celltype	Brennecke Filtered	epidermis early	bewick_group	gbM vs Unmethylated	3.1957e−02
CV Expr by Celltype	Brennecke Filtered	epidermis early	bewick_group	CHH vs Unmethylated	7.1972e−02
CV Expr by Celltype	Brennecke Filtered	epidermis early	bewick_group	CHG vs Unmethylated	2.8511e−01
CV Expr by Celltype	Brennecke Filtered	hair cells early	bewick_group	Overall (Kruskal–Wallis)	5.8265e−01
CV Expr by Celltype	Brennecke Filtered	hair cells early	bewick_group	gbM vs Unmethylated	1.8947e−01
CV Expr by Celltype	Brennecke Filtered	hair cells early	bewick_group	CHH vs Unmethylated	6.3482e−01
CV Expr by Celltype	Brennecke Filtered	hair cells early	bewick_group	CHG vs Unmethylated	9.9290e−01
CV Expr by Celltype	Brennecke Filtered	cortex ERS+	bewick_group	CHH vs Unmethylated	2.3611e−01
CV Expr by Celltype	Brennecke Filtered	hair cells ERS+	bewick_group	Overall (Kruskal–Wallis)	4.4339e−01
CV Expr by Celltype	Brennecke Filtered	hair cells ERS+	bewick_group	gbM vs Unmethylated	2.4739e−01
CV Expr by Celltype	Brennecke Filtered	hair cells ERS+	bewick_group	CHH vs Unmethylated	4.6922e−01
CV Expr by Celltype	Brennecke Filtered	hair cells ERS+	bewick_group	CHG vs Unmethylated	8.8219e−01
CV Expr by Celltype	Brennecke Filtered	hair cells ERS−	bewick_group	CHH vs Unmethylated	8.3504e−01
CV Expr by Celltype	Brennecke Filtered	xpp ERS−	bewick_group	gbM vs Unmethylated	7.6016e−01
CV Expr by Celltype	Brennecke Filtered	xpp ERS−	bewick_group	CHH vs Unmethylated	2.2300e−01
CV Expr by Celltype	Brennecke Filtered	cortex ERS−	bewick_group	Overall (Kruskal–Wallis)	2.7551e−03



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

Context	Filter_Tag	Specific_Context	Group_Type	Comparison	P_value_Formatted
CV Expr by Celltype	Brennecke Filtered	cortex ERS-	bewick_group	CHH vs Unmethylated	8.7278e-02
CV Expr by Celltype	Brennecke Filtered	endodermis ERS-	bewick_group	gbM vs Unmethylated	1.8481e-01
CV Expr by Celltype	Brennecke Filtered	endodermis ERS-	bewick_group	CHH vs Unmethylated	7.3135e-01
CV Expr by Celltype	Brennecke Filtered	endodermis ERS+	bewick_group	Overall (Kruskal-Wallis)	2.3969e-01
CV Expr by Celltype	Brennecke Filtered	endodermis ERS+	bewick_group	gbM vs Unmethylated	6.8457e-01
CV Expr by Celltype	Brennecke Filtered	endodermis ERS+	bewick_group	CHH vs Unmethylated	2.1726e-01
CV Expr by Celltype	Brennecke Filtered	xpp ERS+	bewick_group	Overall (Kruskal-Wallis)	7.1288e-01
CV Expr by Celltype	Brennecke Filtered	xpp ERS+	bewick_group	gbM vs Unmethylated	9.5327e-01
CV Expr by Celltype	Brennecke Filtered	xpp ERS+	bewick_group	CHH vs Unmethylated	4.0940e-01
CV Expr by Celltype	Brennecke Filtered	xpp ERS+	bewick_group	CHG vs Unmethylated	8.7602e-01
CV Expr by Celltype	Brennecke Filtered	ppp ERS+	bewick_group	CHH vs Unmethylated	6.1027e-01
CV Expr by Celltype	Brennecke Filtered	ppp ERS-	bewick_group	gbM vs Unmethylated	5.2967e-01
CV Expr by Celltype	Brennecke Filtered	procambium ERS+	bewick_group	Overall (Kruskal-Wallis)	2.8190e-02
CV Expr by Celltype	Brennecke Filtered	procambium ERS+	bewick_group	gbM vs Unmethylated	1.6698e-01
CV Expr by Celltype	Brennecke Filtered	procambium ERS+	bewick_group	CHH vs Unmethylated	4.3826e-01
CV Expr by Celltype	Brennecke Filtered	procambium ERS-	bewick_group	Overall (Kruskal-Wallis)	0.0000e+00
CV Expr by Celltype	Brennecke Filtered	procambium ERS-	bewick_group	gbM vs Unmethylated	8.0064e-01
CV Expr by Celltype	Brennecke Filtered	procambium ERS-	bewick_group	CHH vs Unmethylated	3.1446e-02
CV Expr by Celltype	Brennecke Filtered	protophloem ERS-	bewick_group	Overall (Kruskal-Wallis)	3.0566e-01
CV Expr by Celltype	Brennecke Filtered	protophloem ERS-	bewick_group	CHH vs Unmethylated	3.9612e-01
CV Expr by Celltype	Brennecke Filtered	metaphloem ERS-	bewick_group	CHH vs Unmethylated	3.8056e-01
CV Expr by Celltype	Brennecke Filtered	protophloem ERS+	bewick_group	Overall (Kruskal-Wallis)	4.5539e-01
CV Expr by Celltype	Brennecke Filtered	protophloem ERS+	bewick_group	gbM vs Unmethylated	6.6643e-01
CV Expr by Celltype	Brennecke Filtered	metaphloem ERS+	bewick_group	CHH vs Unmethylated	4.9701e-01
CV Expr by Celltype	Brennecke Filtered	metaxylem ERS+	bewick_group	CHH vs Unmethylated	9.2092e-01
CV Expr by Celltype	Brennecke Filtered	protoxylem early	bewick_group	Overall (Kruskal-Wallis)	6.2716e-01
CV Expr by Celltype	Brennecke Filtered	protoxylem early	bewick_group	CHH vs Unmethylated	7.7094e-01
CV Expr by Celltype	Brennecke Filtered	protoxylem ERS-	bewick_group	Overall (Kruskal-Wallis)	4.3308e-02
CV Expr by Celltype	Brennecke Filtered	protoxylem ERS-	bewick_group	CHH vs Unmethylated	4.5532e-01