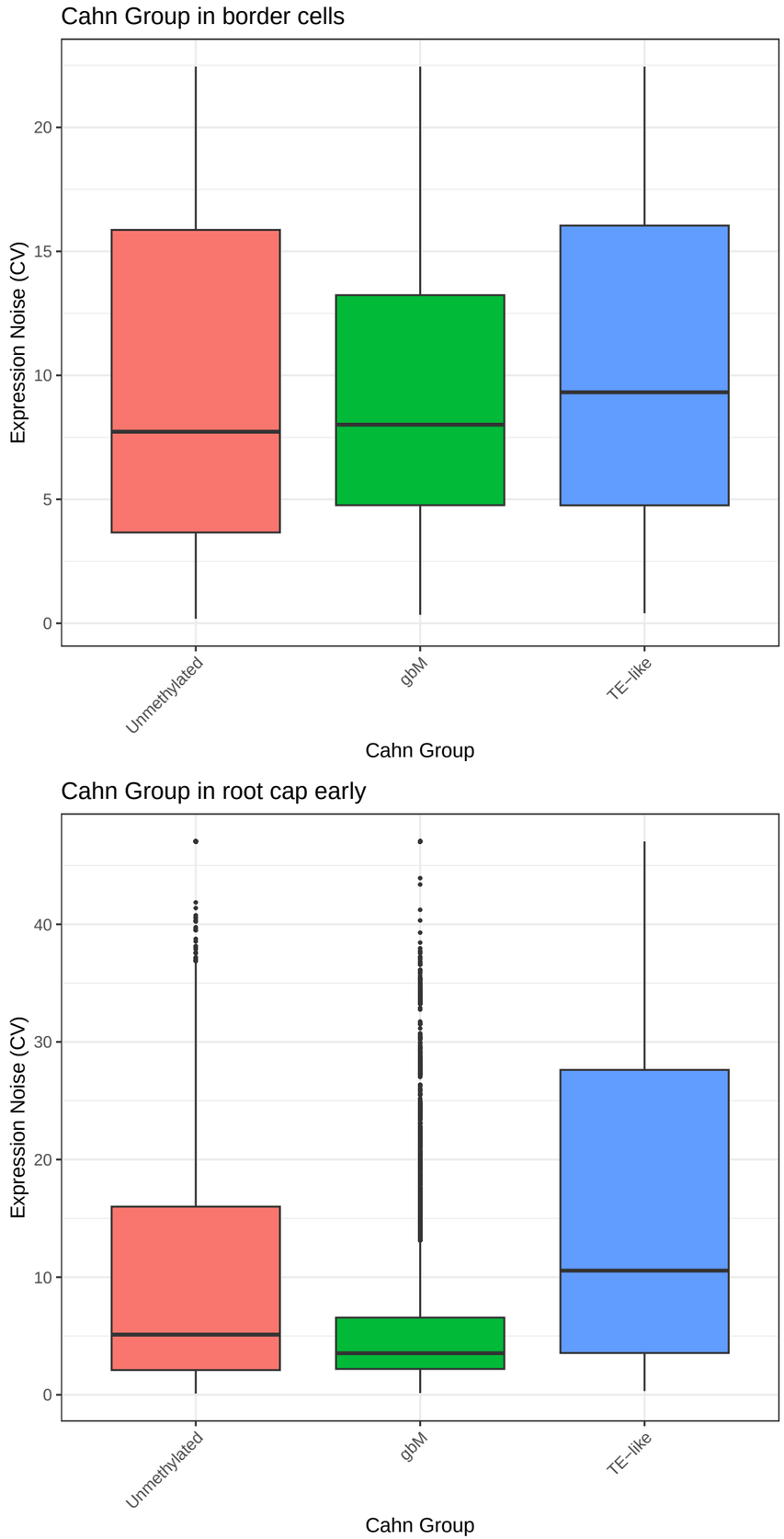
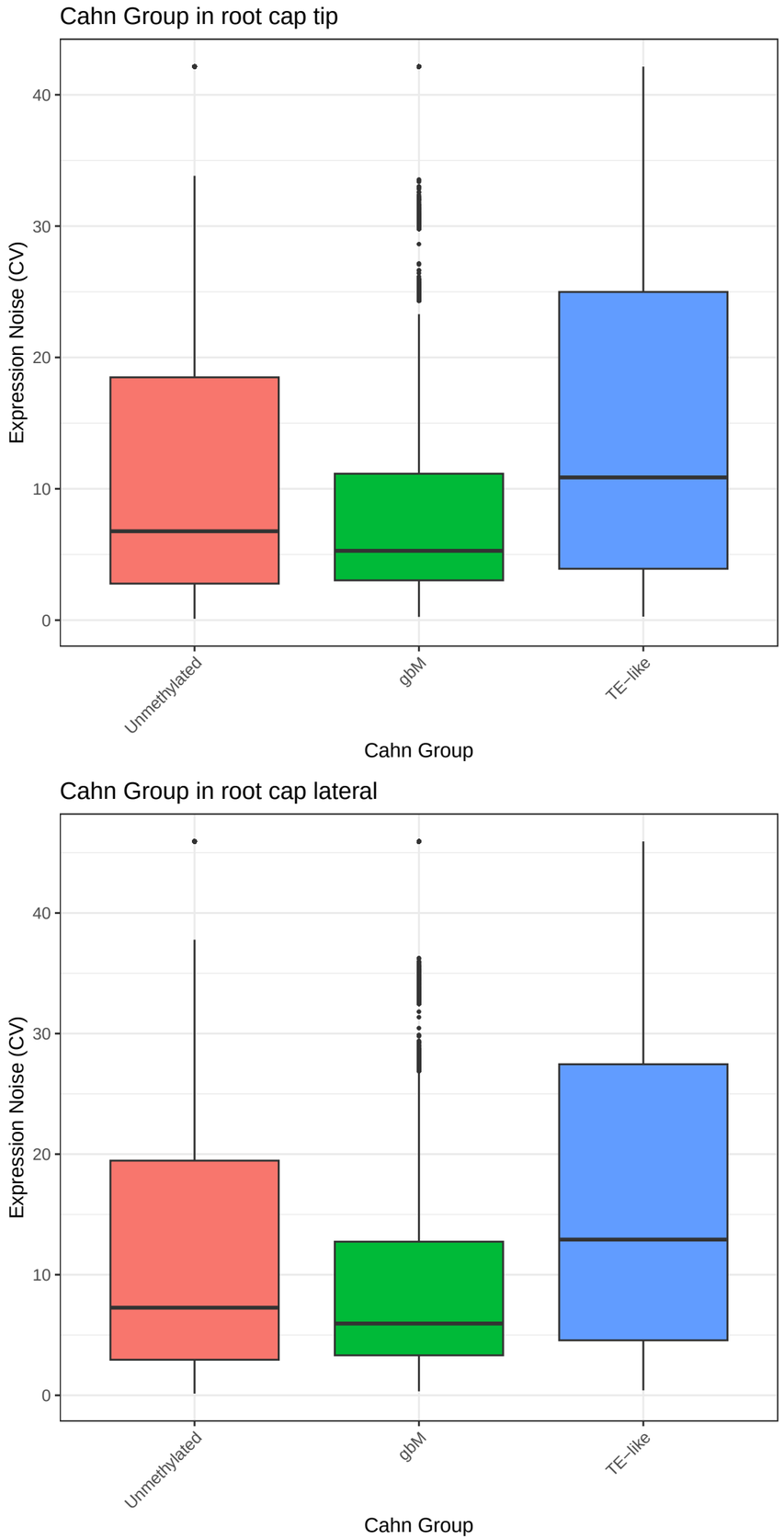
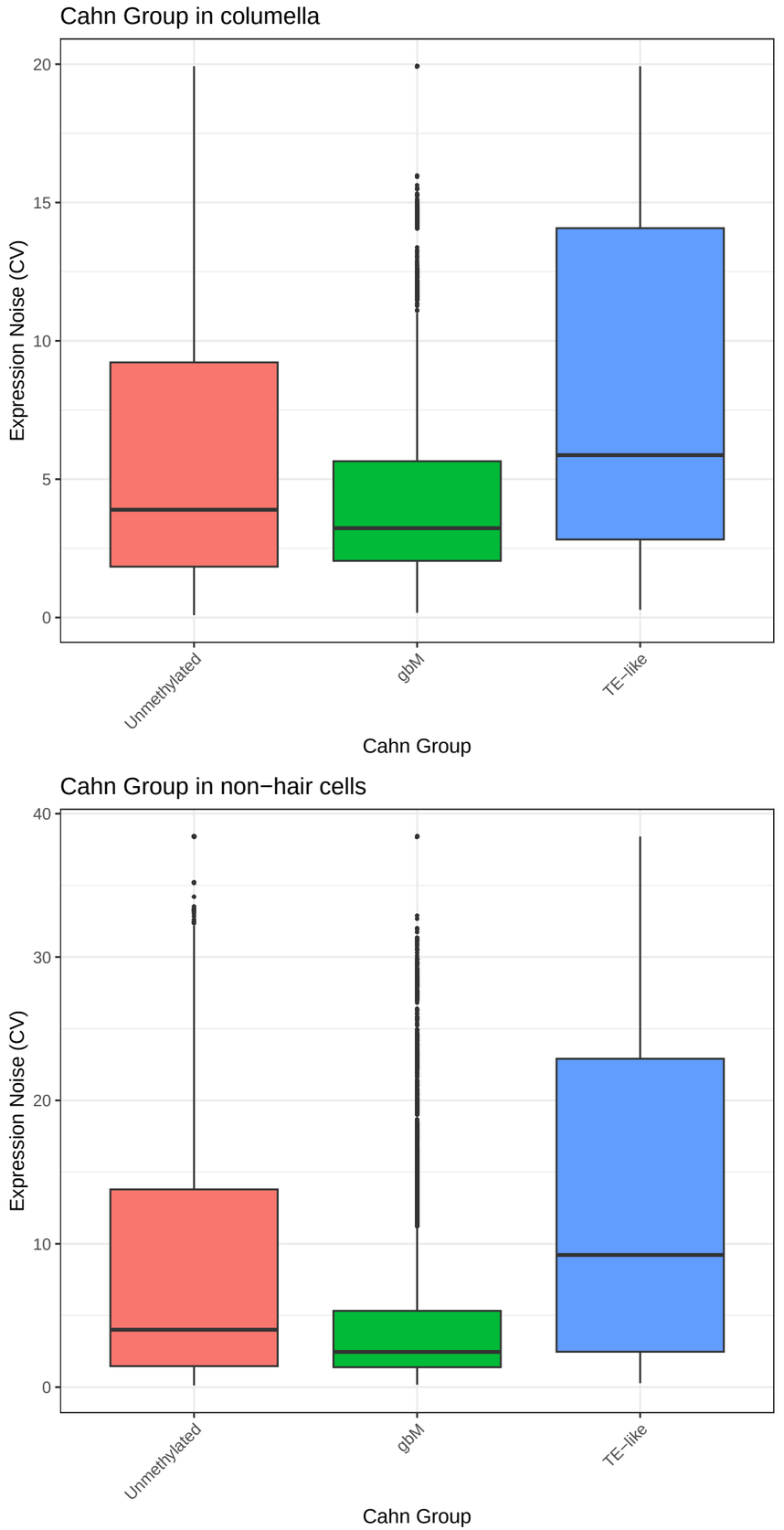
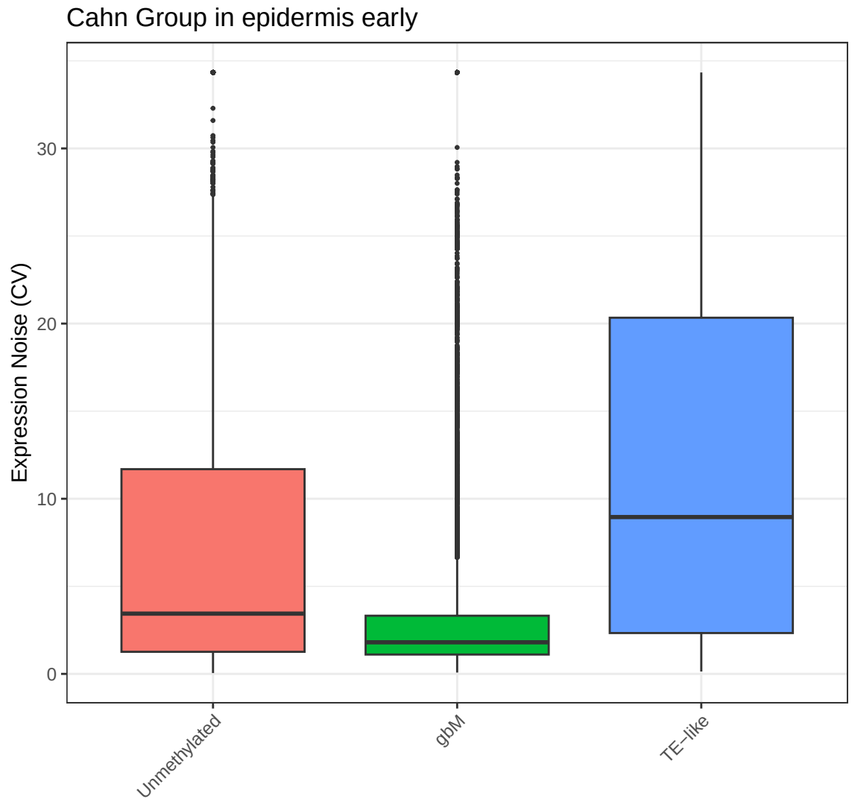
Expression Noise (CV) by Cahn Group in Celltypes (Unfiltered)

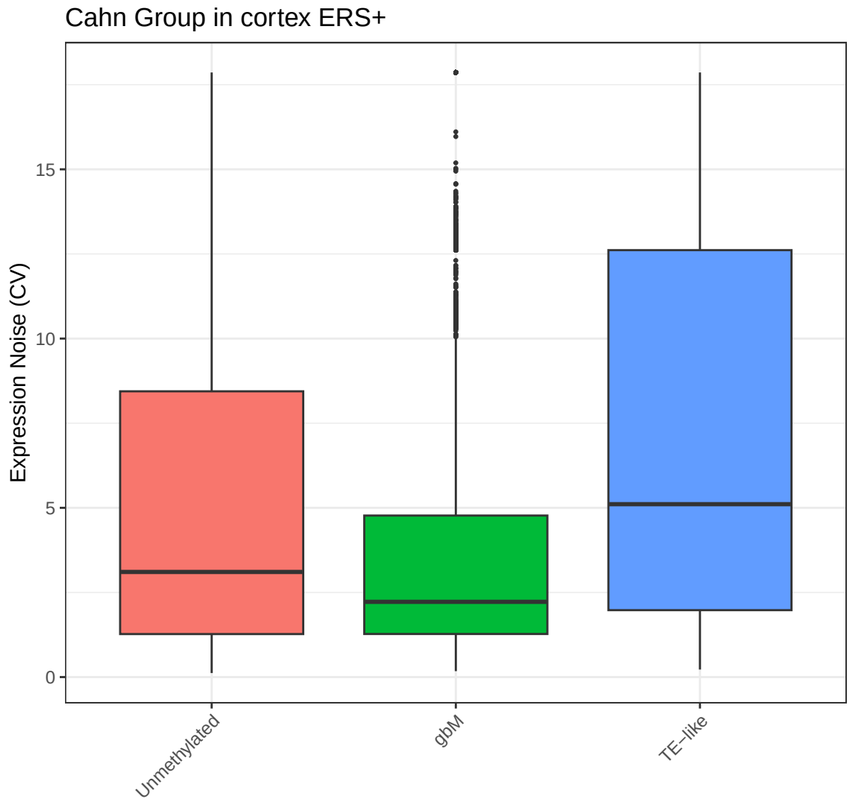


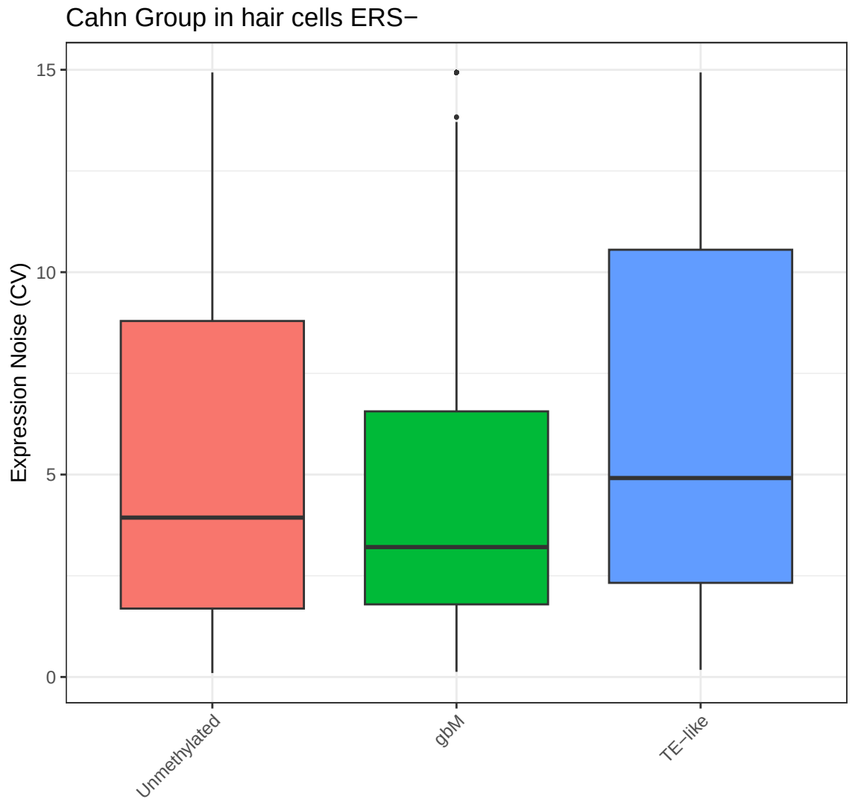


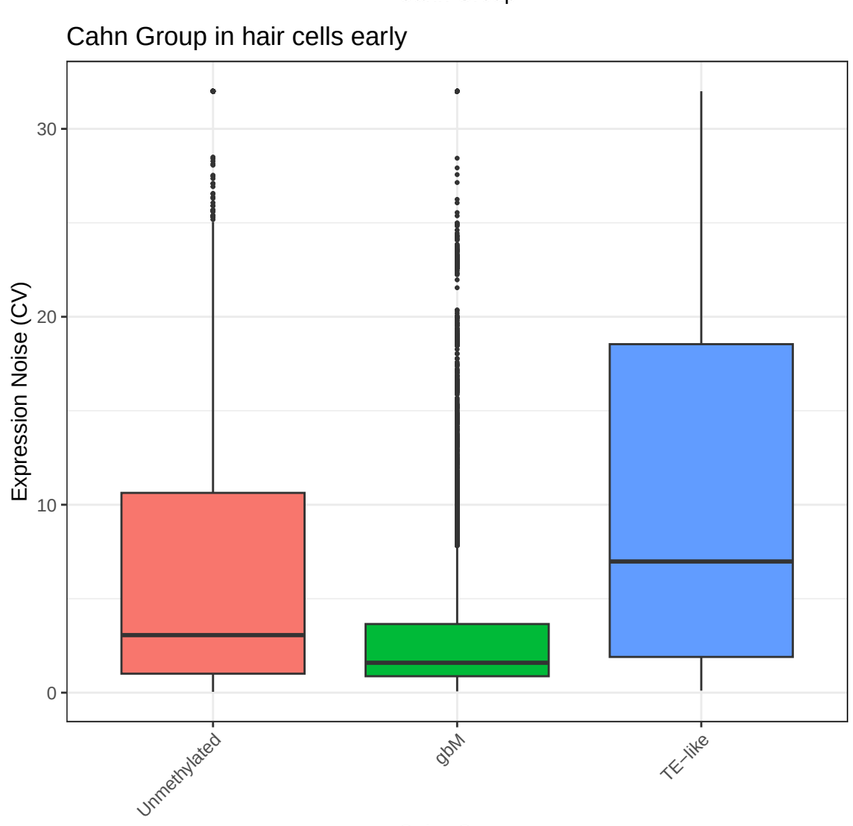


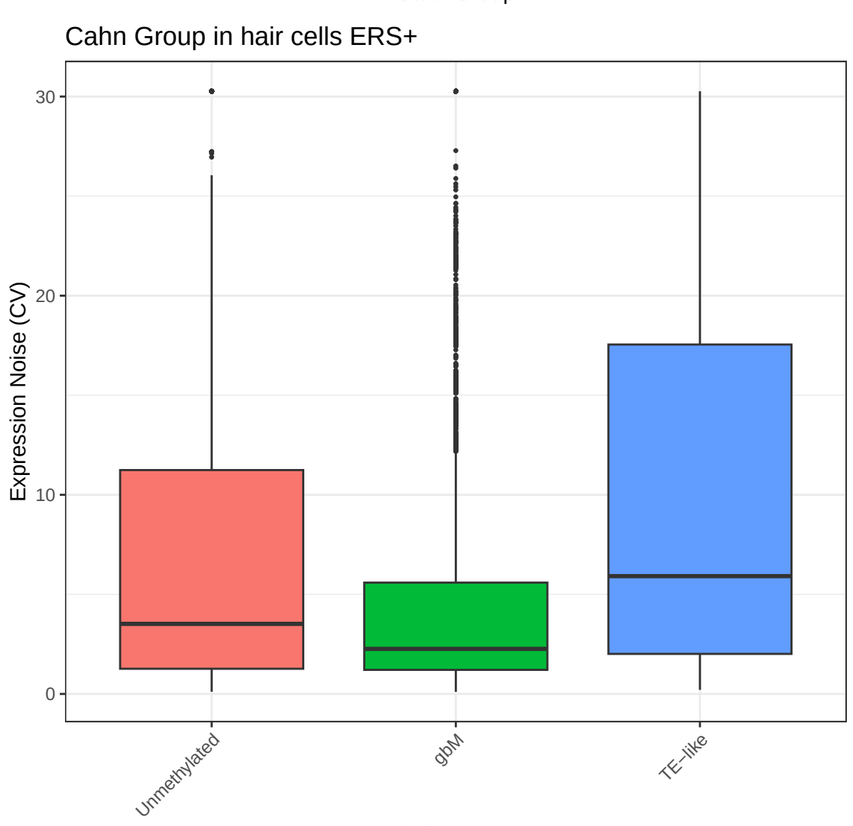
Expression Noise (CV) by Cahn Group in Celltypes (Unfiltered)

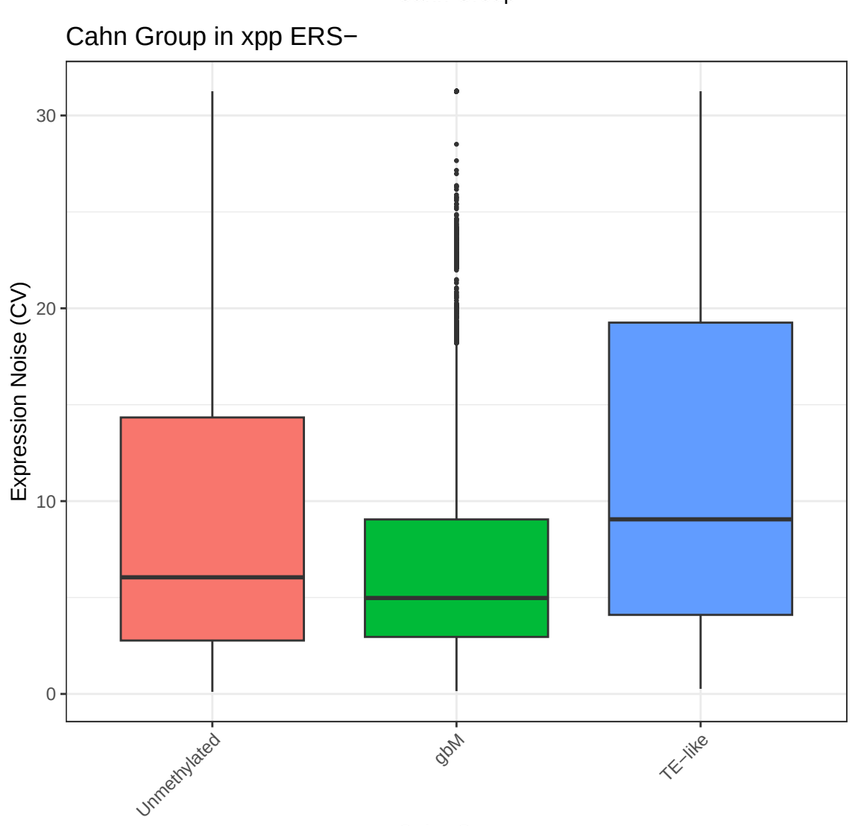






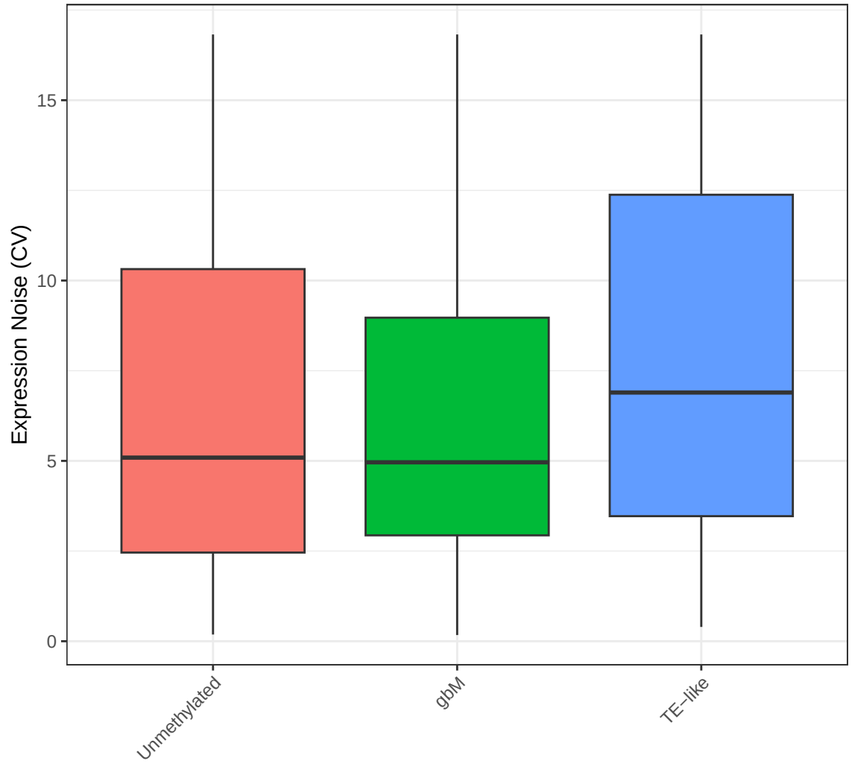




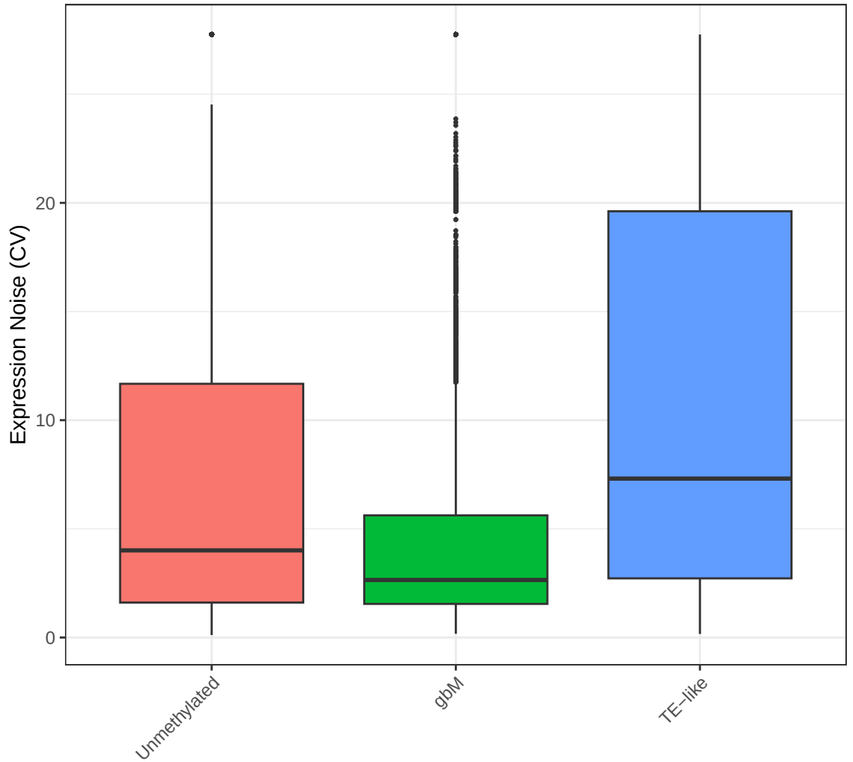


Expression Noise (CV) by Cahn Group in Celltypes (Unfiltered)

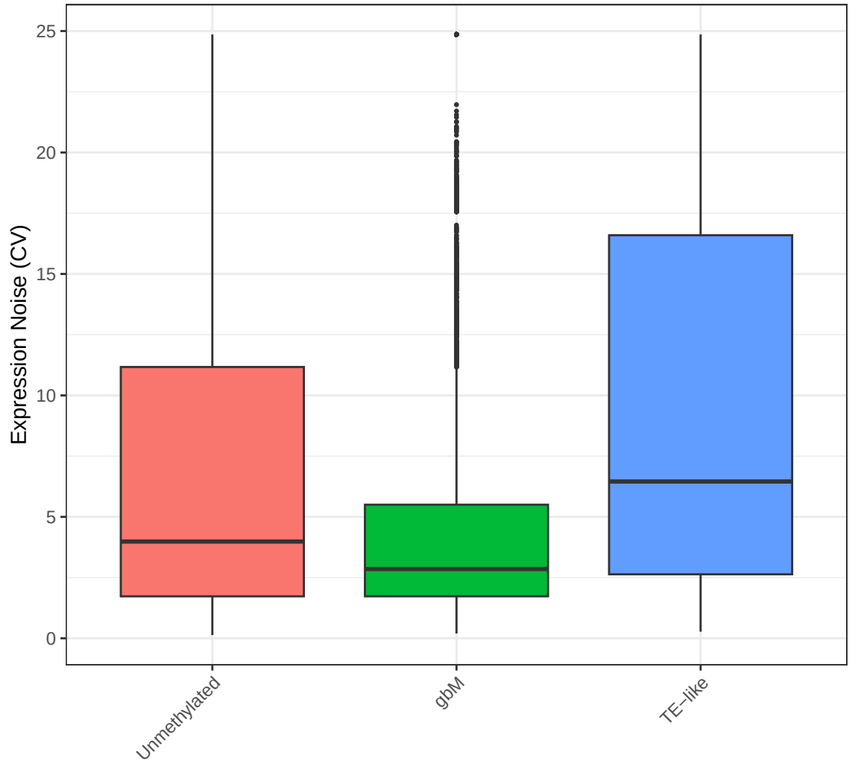
Cahn Group in cortex ERS−



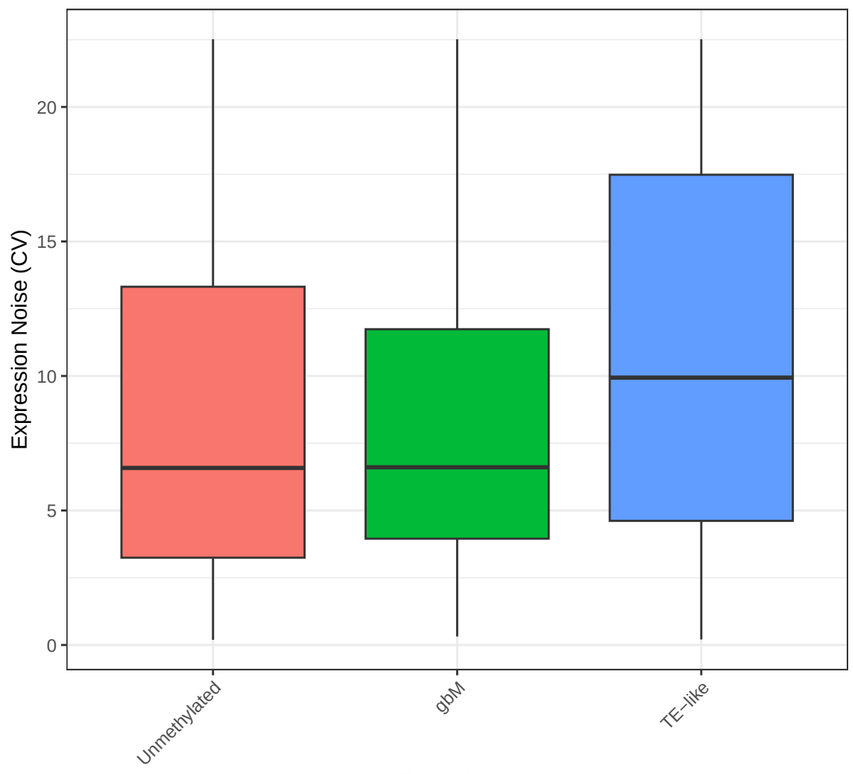
Cahn Group in endodermis ERS+



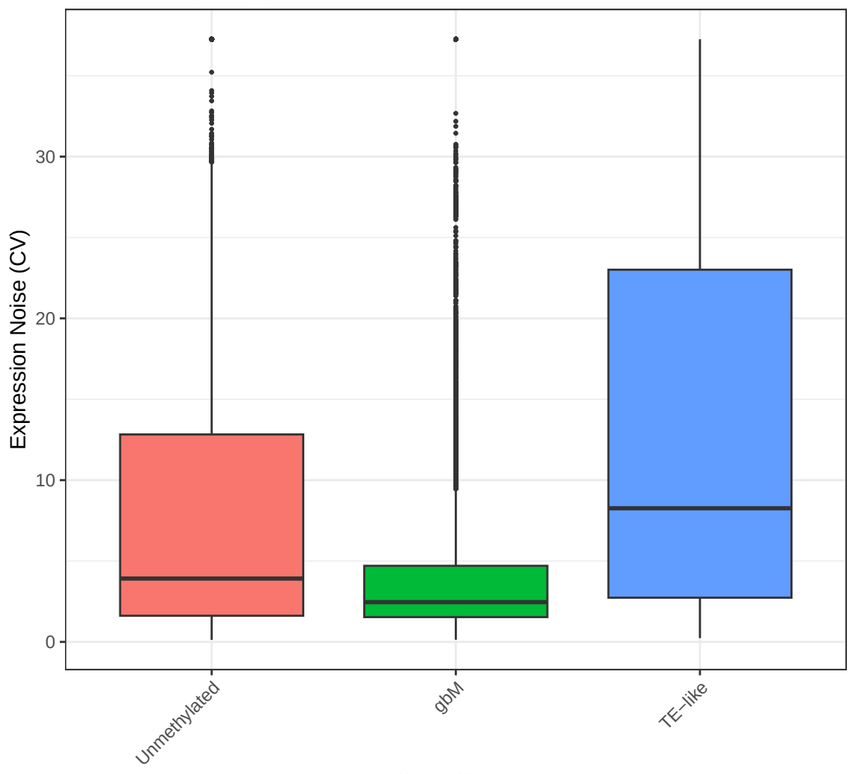
Cahn Group in ppp ERS+



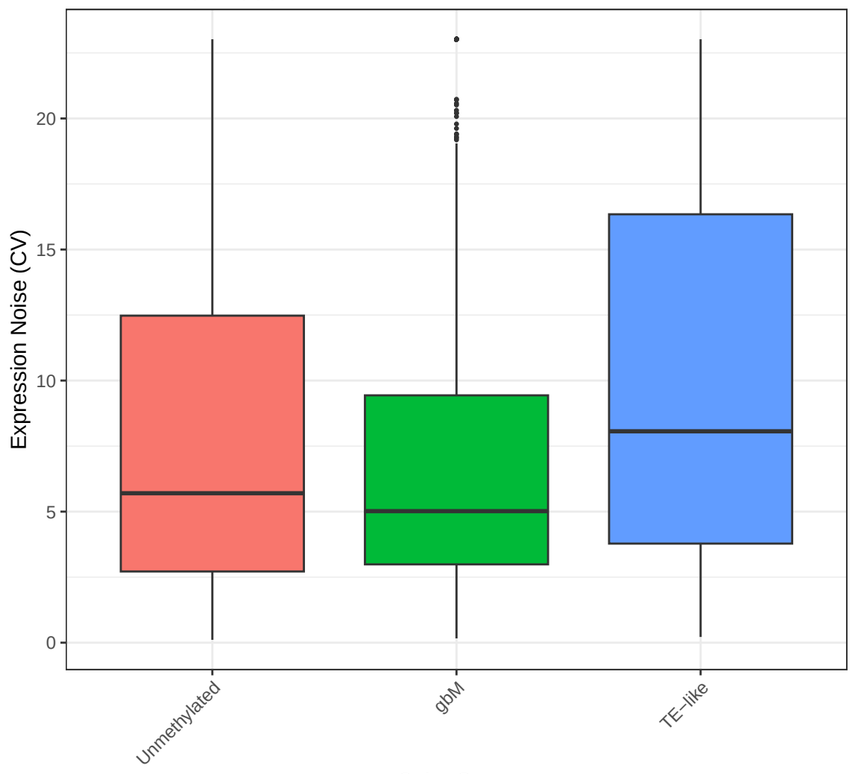
Cahn Group in endodermis ERS−



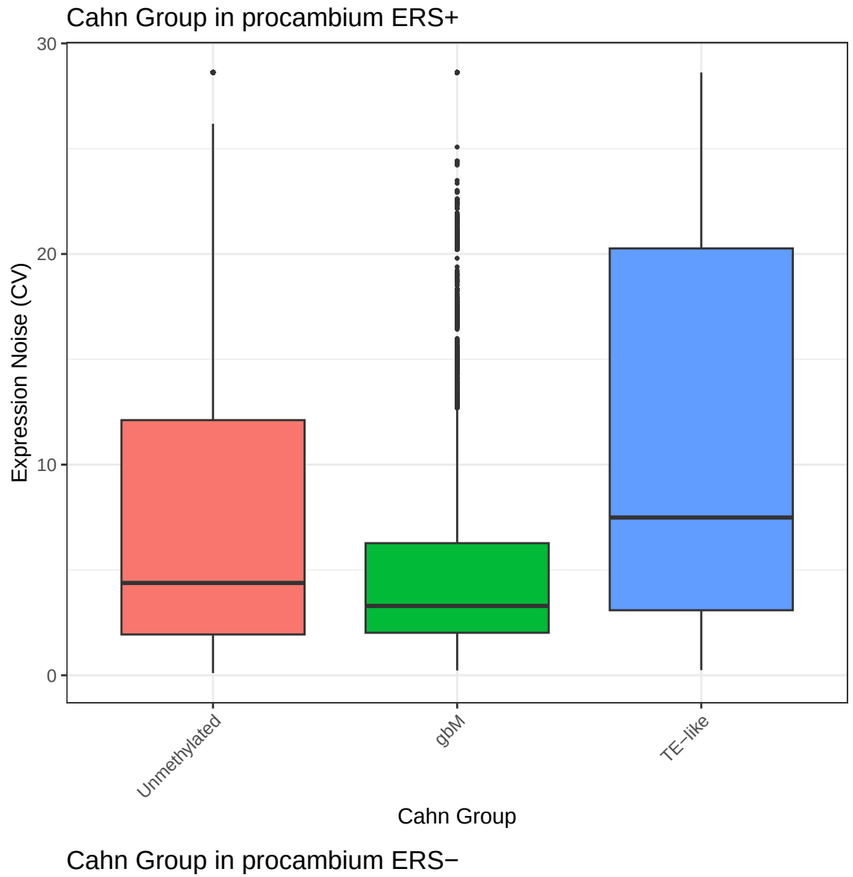
Cahn Group in xpp ERS+

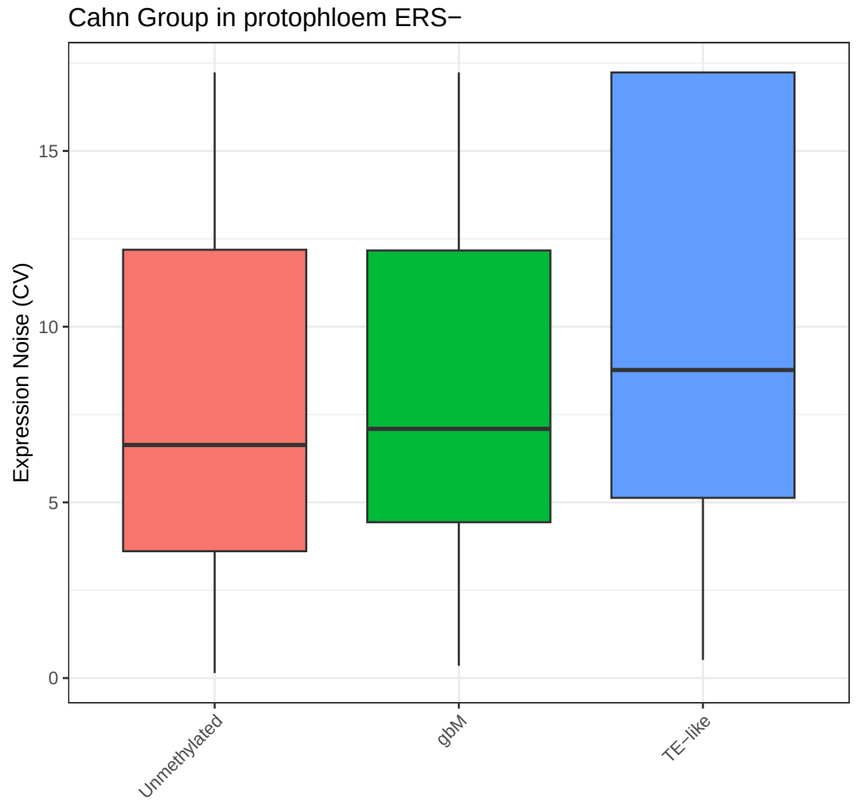


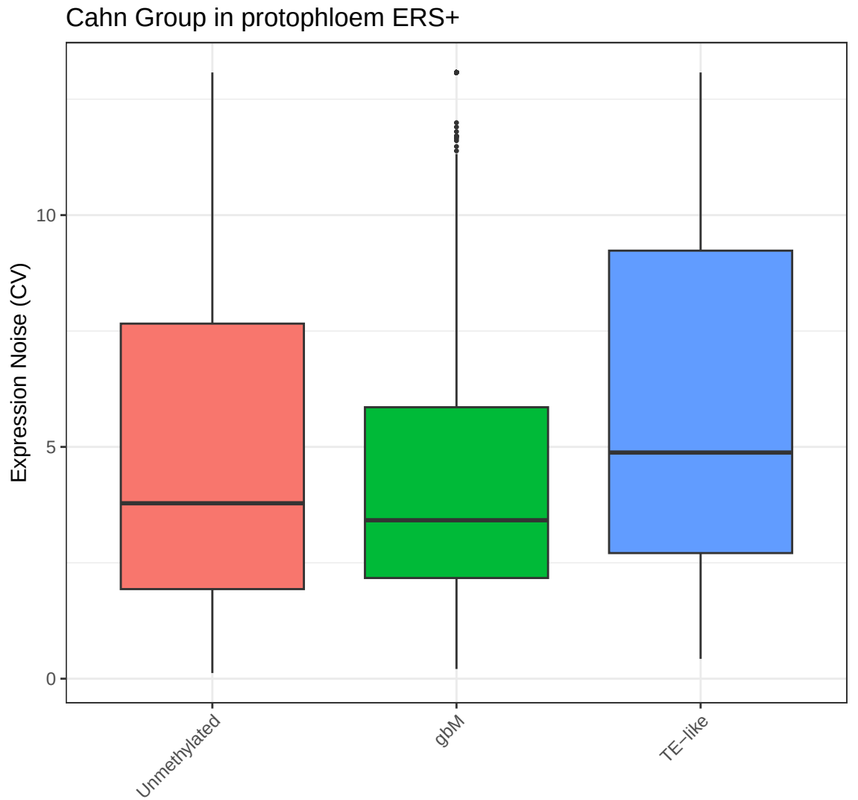
Cahn Group in ppp ERS−

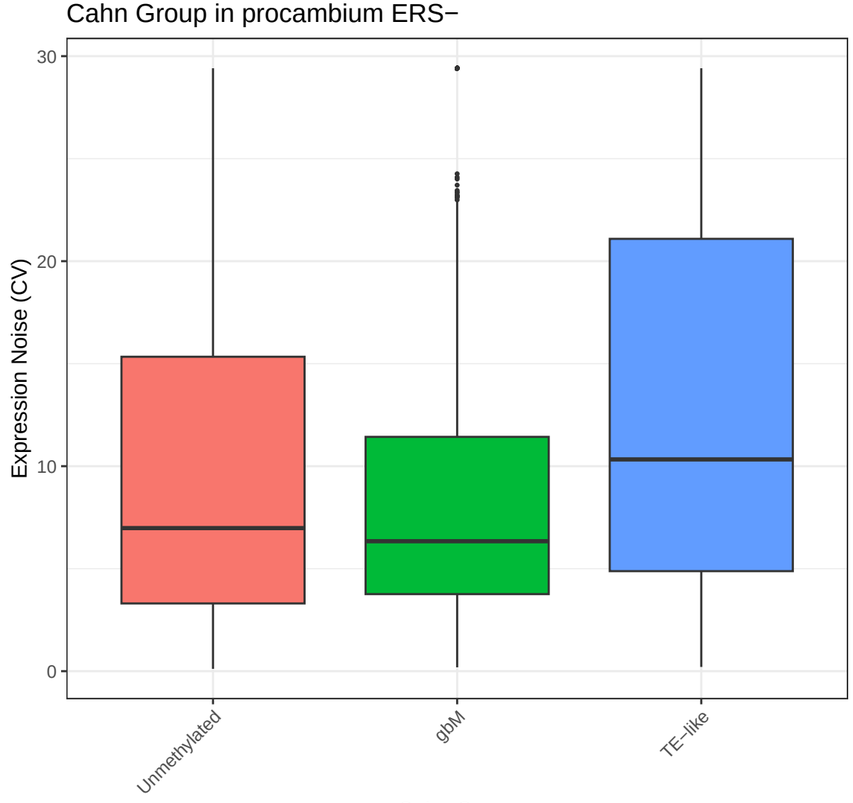


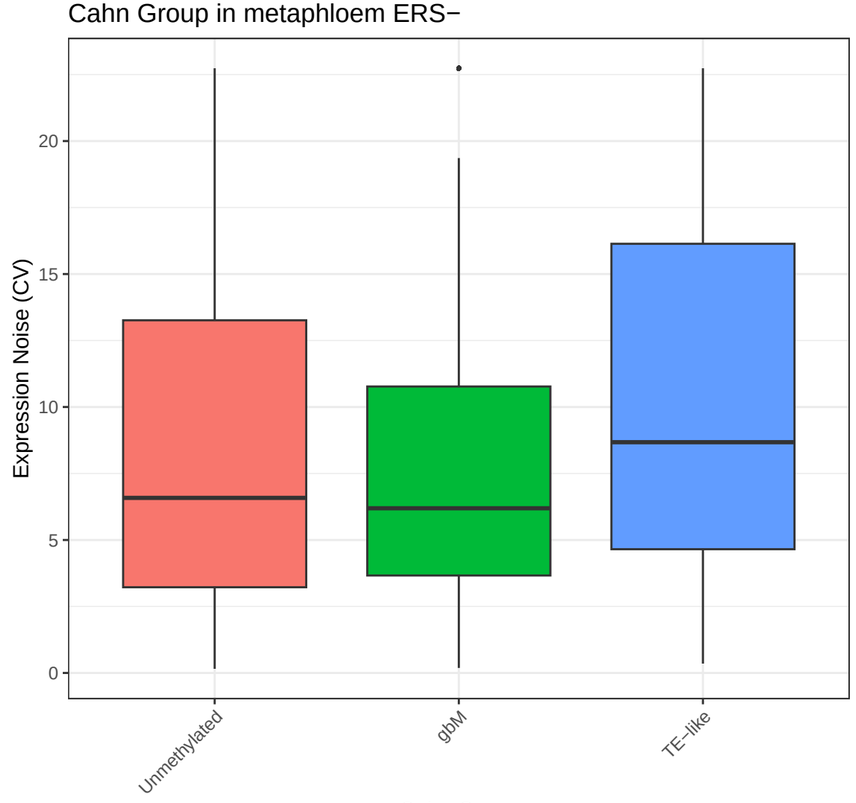
Expression Noise (CV) by Cahn Group in Celltypes (Unfiltered)

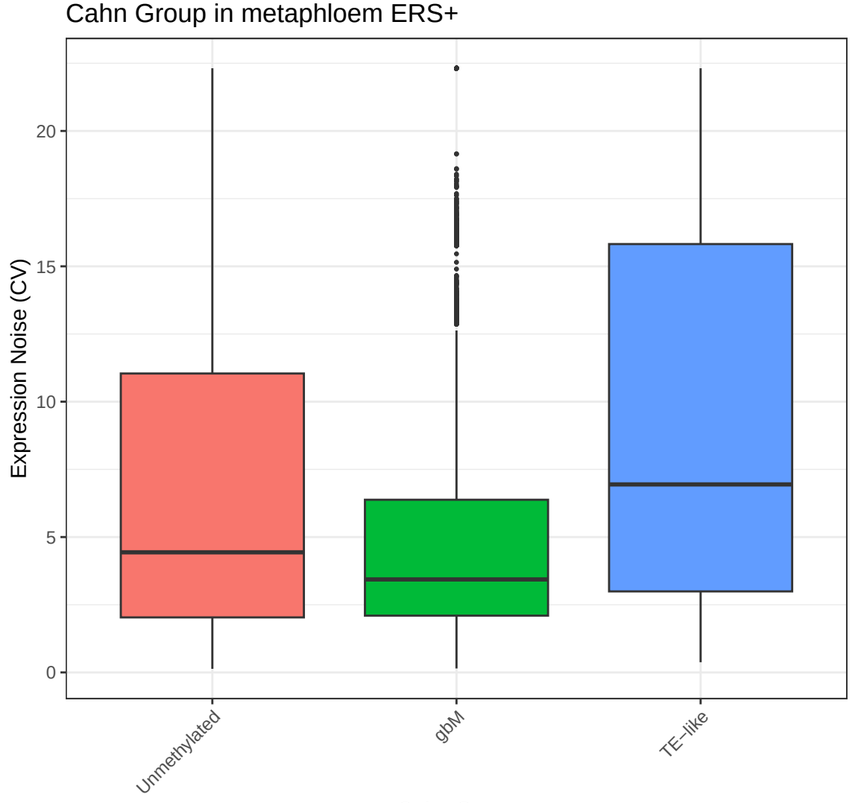




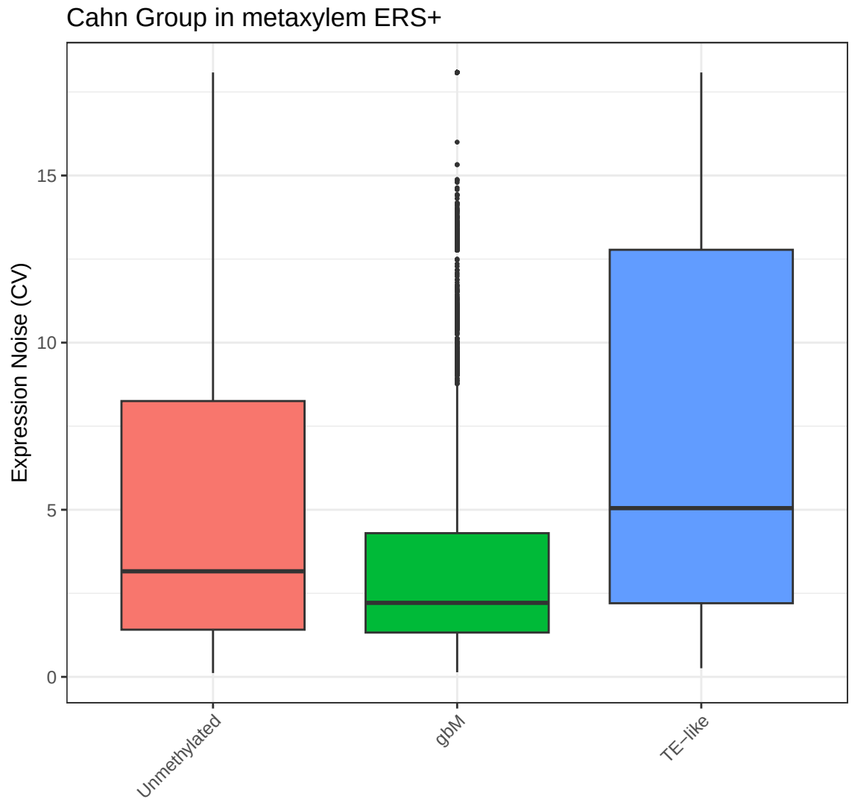


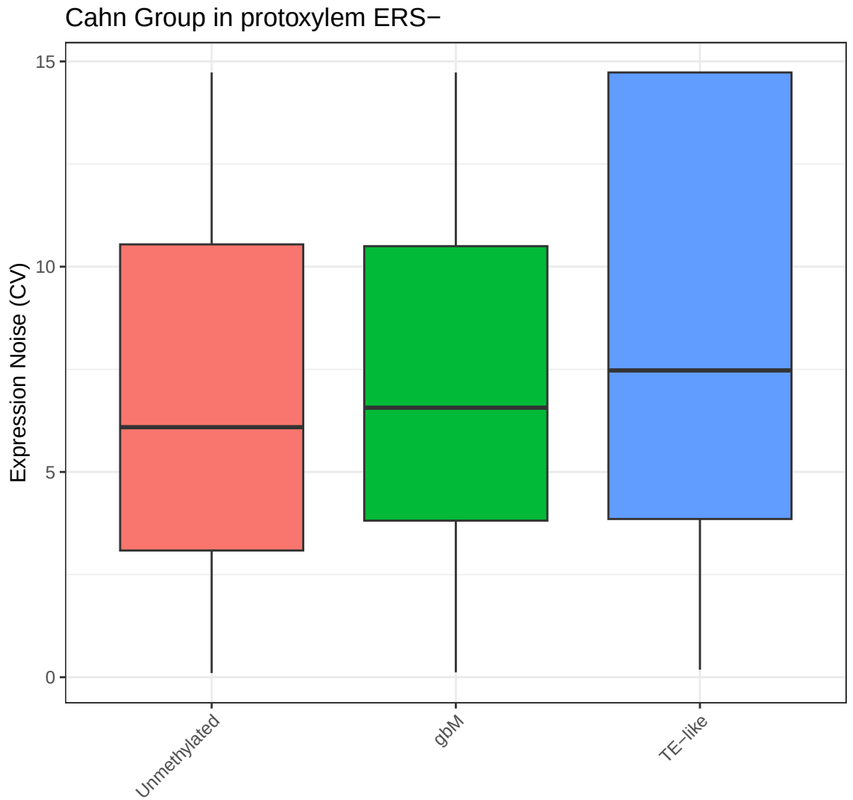


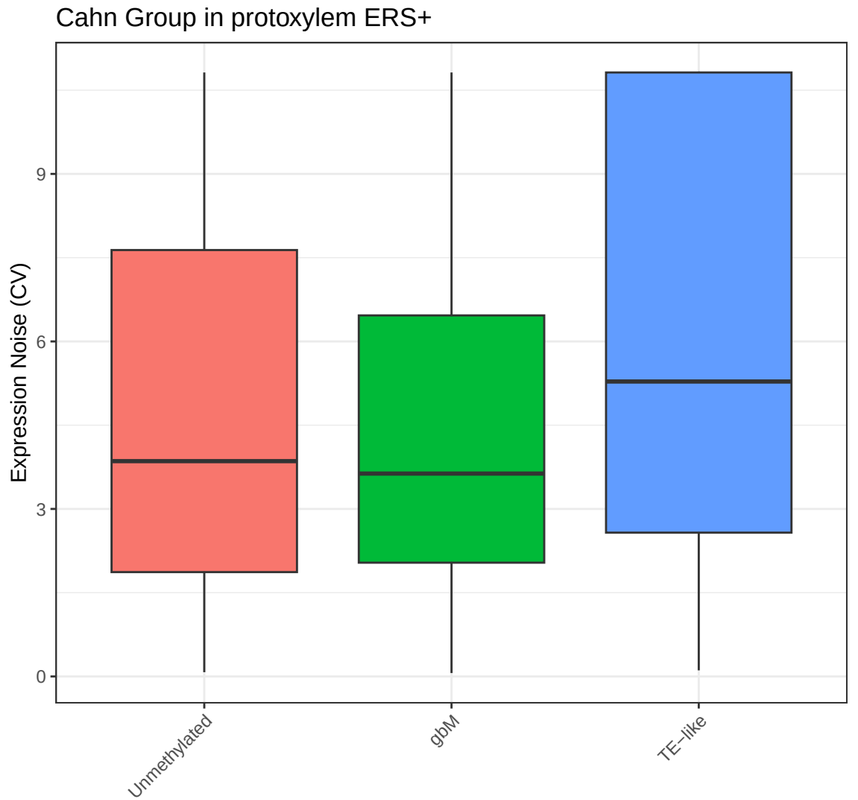


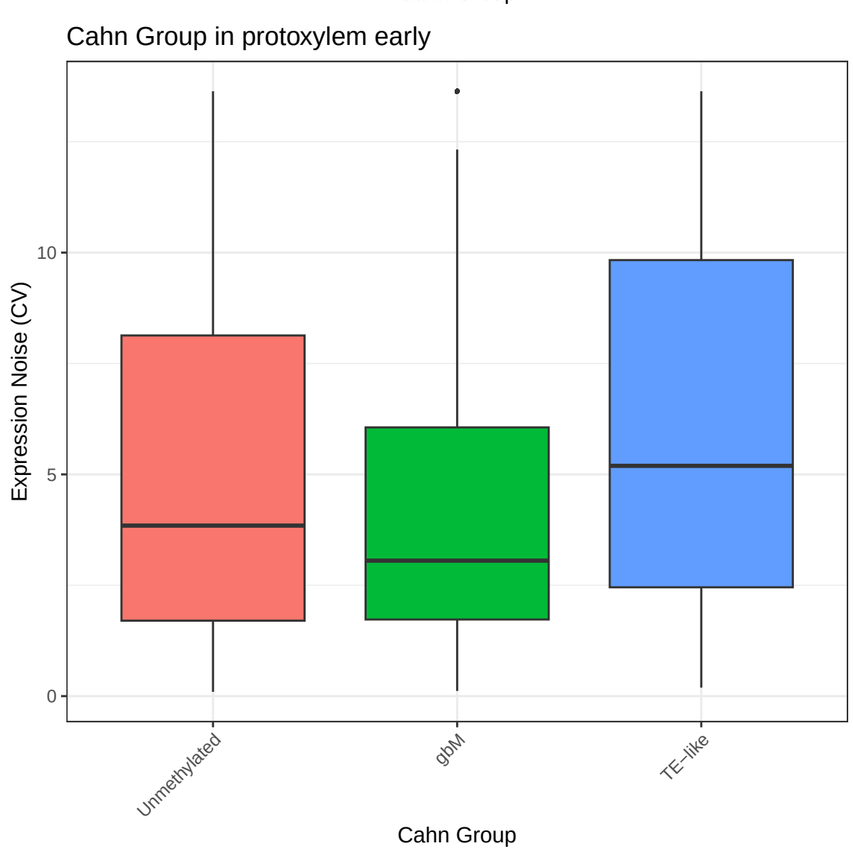


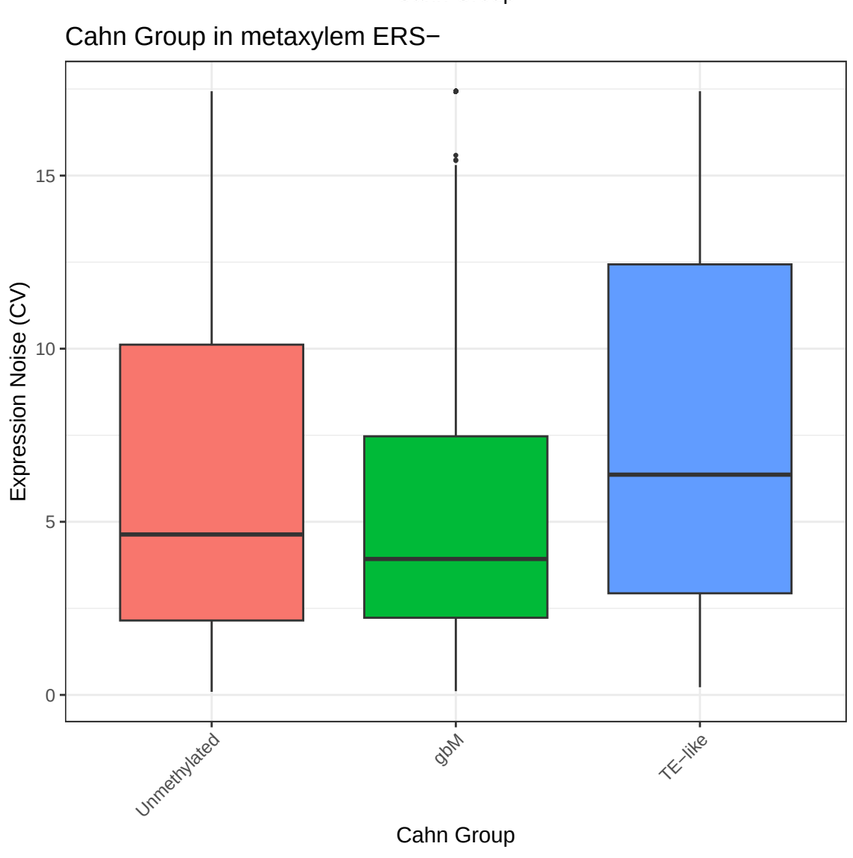
Expression Noise (CV) by Cahn Group in Celltypes (Unfiltered)











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

Context	Filter_Tag	Specific_Context	Group_Type	Comparison	P_value_Formatted
CV Expr by Celltype	Unfiltered	border cells	cahn_group	Overall (Kruskal−Wallis)	2.7826e−09
CV Expr by Celltype	Unfiltered	border cells	cahn_group	gbM vs Unmethylated	2.8225e−07
CV Expr by Celltype	Unfiltered	border cells	cahn_group	TE−like vs Unmethylated	1.6463e−05
CV Expr by Celltype	Unfiltered	root cap early	cahn_group	Overall (Kruskal−Wallis)	5.4353e−129
CV Expr by Celltype	Unfiltered	root cap early	cahn_group	gbM vs Unmethylated	4.9882e−75
CV Expr by Celltype	Unfiltered	root cap early	cahn_group	TE−like vs Unmethylated	5.4274e−29
CV Expr by Celltype	Unfiltered	root cap tip	cahn_group	Overall (Kruskal−Wallis)	2.7656e−41
CV Expr by Celltype	Unfiltered	root cap tip	cahn_group	gbM vs Unmethylated	8.1999e−21
CV Expr by Celltype	Unfiltered	root cap tip	cahn_group	TE−like vs Unmethylated	1.4586e−13
CV Expr by Celltype	Unfiltered	root cap lateral	cahn_group	Overall (Kruskal−Wallis)	3.0591e−38
CV Expr by Celltype	Unfiltered	root cap lateral	cahn_group	gbM vs Unmethylated	7.3402e−14
CV Expr by Celltype	Unfiltered	root cap lateral	cahn_group	TE−like vs Unmethylated	1.5803e−17
CV Expr by Celltype	Unfiltered	columella	cahn_group	Overall (Kruskal−Wallis)	7.2295e−45
CV Expr by Celltype	Unfiltered	columella	cahn_group	gbM vs Unmethylated	1.8908e−21
CV Expr by Celltype	Unfiltered	columella	cahn_group	TE−like vs Unmethylated	6.2003e−15
CV Expr by Celltype	Unfiltered	non−hair cells	cahn_group	Overall (Kruskal−Wallis)	1.8534e−157
CV Expr by Celltype	Unfiltered	non−hair cells	cahn_group	gbM vs Unmethylated	1.1889e−99
CV Expr by Celltype	Unfiltered	non−hair cells	cahn_group	TE−like vs Unmethylated	7.4281e−30
CV Expr by Celltype	Unfiltered	epidermis early	cahn_group	Overall (Kruskal−Wallis)	4.4653e−285
CV Expr by Celltype	Unfiltered	epidermis early	cahn_group	gbM vs Unmethylated	5.0864e−205
CV Expr by Celltype	Unfiltered	epidermis early	cahn_group	TE−like vs Unmethylated	4.9037e−36
CV Expr by Celltype	Unfiltered	hair cells early	cahn_group	Overall (Kruskal−Wallis)	1.8307e−213
CV Expr by Celltype	Unfiltered	hair cells early	cahn_group	gbM vs Unmethylated	2.8233e−146
CV Expr by Celltype	Unfiltered	hair cells early	cahn_group	TE−like vs Unmethylated	1.1678e−31
CV Expr by Celltype	Unfiltered	cortex ERS+	cahn_group	Overall (Kruskal−Wallis)	4.9475e−75
CV Expr by Celltype	Unfiltered	cortex ERS+	cahn_group	gbM vs Unmethylated	1.3664e−46
CV Expr by Celltype	Unfiltered	cortex ERS+	cahn_group	TE−like vs Unmethylated	1.1766e−15
CV Expr by Celltype	Unfiltered	hair cells ERS+	cahn_group	Overall (Kruskal−Wallis)	8.3335e−100
CV Expr by Celltype	Unfiltered	hair cells ERS+	cahn_group	gbM vs Unmethylated	1.1354e−66
CV Expr by Celltype	Unfiltered	hair cells ERS+	cahn_group	TE−like vs Unmethylated	5.5549e−17

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

Context	Filter_Tag	Specific_Context	Group_Type	Comparison	P_value_Formatted
CV Expr by Celltype	Unfiltered	hair cells ERS−	cahn_group	Overall (Kruskal−Wallis)	7.7017e−24
CV Expr by Celltype	Unfiltered	hair cells ERS−	cahn_group	gbM vs Unmethylated	1.8450e−13
CV Expr by Celltype	Unfiltered	hair cells ERS−	cahn_group	TE−like vs Unmethylated	9.7696e−08
CV Expr by Celltype	Unfiltered	xpp ERS−	cahn_group	Overall (Kruskal−Wallis)	4.6062e−46
CV Expr by Celltype	Unfiltered	xpp ERS−	cahn_group	gbM vs Unmethylated	1.4025e−23
CV Expr by Celltype	Unfiltered	xpp ERS−	cahn_group	TE−like vs Unmethylated	3.0548e−14
CV Expr by Celltype	Unfiltered	cortex ERS−	cahn_group	Overall (Kruskal−Wallis)	4.1336e−11
CV Expr by Celltype	Unfiltered	cortex ERS−	cahn_group	gbM vs Unmethylated	6.1168e−01
CV Expr by Celltype	Unfiltered	cortex ERS−	cahn_group	TE−like vs Unmethylated	9.8979e−11
CV Expr by Celltype	Unfiltered	endodermis ERS−	cahn_group	Overall (Kruskal−Wallis)	2.8684e−16
CV Expr by Celltype	Unfiltered	endodermis ERS−	cahn_group	gbM vs Unmethylated	2.1848e−02
CV Expr by Celltype	Unfiltered	endodermis ERS−	cahn_group	TE−like vs Unmethylated	1.3034e−15
CV Expr by Celltype	Unfiltered	endodermis ERS+	cahn_group	Overall (Kruskal−Wallis)	9.8818e−116
CV Expr by Celltype	Unfiltered	endodermis ERS+	cahn_group	gbM vs Unmethylated	5.4692e−74
CV Expr by Celltype	Unfiltered	endodermis ERS+	cahn_group	TE−like vs Unmethylated	1.3763e−21
CV Expr by Celltype	Unfiltered	xpp ERS+	cahn_group	Overall (Kruskal−Wallis)	5.1400e−179
CV Expr by Celltype	Unfiltered	xpp ERS+	cahn_group	gbM vs Unmethylated	4.1054e−119
CV Expr by Celltype	Unfiltered	xpp ERS+	cahn_group	TE−like vs Unmethylated	1.1962e−29
CV Expr by Celltype	Unfiltered	ppp ERS+	cahn_group	Overall (Kruskal−Wallis)	2.1126e−97
CV Expr by Celltype	Unfiltered	ppp ERS+	cahn_group	gbM vs Unmethylated	1.1263e−63
CV Expr by Celltype	Unfiltered	ppp ERS+	cahn_group	TE−like vs Unmethylated	1.4541e−17
CV Expr by Celltype	Unfiltered	ppp ERS−	cahn_group	Overall (Kruskal−Wallis)	1.2894e−21
CV Expr by Celltype	Unfiltered	ppp ERS−	cahn_group	gbM vs Unmethylated	4.0754e−08
CV Expr by Celltype	Unfiltered	ppp ERS−	cahn_group	TE−like vs Unmethylated	1.5026e−10
CV Expr by Celltype	Unfiltered	procambium ERS+	cahn_group	Overall (Kruskal−Wallis)	4.2810e−84
CV Expr by Celltype	Unfiltered	procambium ERS+	cahn_group	gbM vs Unmethylated	3.6650e−48
CV Expr by Celltype	Unfiltered	procambium ERS+	cahn_group	TE−like vs Unmethylated	1.0080e−20
CV Expr by Celltype	Unfiltered	procambium ERS−	cahn_group	Overall (Kruskal−Wallis)	8.3899e−24
CV Expr by Celltype	Unfiltered	procambium ERS−	cahn_group	gbM vs Unmethylated	4.2525e−06
CV Expr by Celltype	Unfiltered	procambium ERS−	cahn_group	TE−like vs Unmethylated	1.9322e−14

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

Context	Filter_Tag	Specific_Context	Group_Type	Comparison	P_value_Formatted
CV Expr by Celltype	Unfiltered	protophloem ERS−	cahn_group	Overall (Kruskal−Wallis)	1.3953e−16
CV Expr by Celltype	Unfiltered	protophloem ERS−	cahn_group	gbM vs Unmethylated	1.0155e−08
CV Expr by Celltype	Unfiltered	protophloem ERS−	cahn_group	TE−like vs Unmethylated	2.7668e−12
CV Expr by Celltype	Unfiltered	metaphloem ERS−	cahn_group	Overall (Kruskal−Wallis)	2.3818e−13
CV Expr by Celltype	Unfiltered	metaphloem ERS−	cahn_group	gbM vs Unmethylated	5.6930e−02
CV Expr by Celltype	Unfiltered	metaphloem ERS−	cahn_group	TE−like vs Unmethylated	9.2955e−11
CV Expr by Celltype	Unfiltered	protophloem ERS+	cahn_group	Overall (Kruskal−Wallis)	3.2594e−16
CV Expr by Celltype	Unfiltered	protophloem ERS+	cahn_group	gbM vs Unmethylated	2.3363e−06
CV Expr by Celltype	Unfiltered	protophloem ERS+	cahn_group	TE−like vs Unmethylated	5.7930e−08
CV Expr by Celltype	Unfiltered	metaphloem ERS+	cahn_group	Overall (Kruskal−Wallis)	6.0068e−65
CV Expr by Celltype	Unfiltered	metaphloem ERS+	cahn_group	gbM vs Unmethylated	6.9576e−39
CV Expr by Celltype	Unfiltered	metaphloem ERS+	cahn_group	TE−like vs Unmethylated	4.6823e−15
CV Expr by Celltype	Unfiltered	metaxylem ERS+	cahn_group	Overall (Kruskal−Wallis)	4.1485e−112
CV Expr by Celltype	Unfiltered	metaxylem ERS+	cahn_group	gbM vs Unmethylated	1.8884e−75
CV Expr by Celltype	Unfiltered	metaxylem ERS+	cahn_group	TE−like vs Unmethylated	6.4921e−19
CV Expr by Celltype	Unfiltered	protoxylem early	cahn_group	Overall (Kruskal−Wallis)	1.0672e−37
CV Expr by Celltype	Unfiltered	protoxylem early	cahn_group	gbM vs Unmethylated	2.7828e−24
CV Expr by Celltype	Unfiltered	protoxylem early	cahn_group	TE−like vs Unmethylated	1.2049e−08
CV Expr by Celltype	Unfiltered	protoxylem ERS−	cahn_group	Overall (Kruskal−Wallis)	8.4943e−09
CV Expr by Celltype	Unfiltered	protoxylem ERS−	cahn_group	gbM vs Unmethylated	9.4138e−08
CV Expr by Celltype	Unfiltered	protoxylem ERS−	cahn_group	TE−like vs Unmethylated	1.9720e−04
CV Expr by Celltype	Unfiltered	metaxylem ERS−	cahn_group	Overall (Kruskal−Wallis)	8.6098e−25
CV Expr by Celltype	Unfiltered	metaxylem ERS−	cahn_group	gbM vs Unmethylated	1.8328e−13
CV Expr by Celltype	Unfiltered	metaxylem ERS−	cahn_group	TE−like vs Unmethylated	1.7262e−08
CV Expr by Celltype	Unfiltered	protoxylem ERS+	cahn_group	Overall (Kruskal−Wallis)	1.0589e−08
CV Expr by Celltype	Unfiltered	protoxylem ERS+	cahn_group	gbM vs Unmethylated	3.0518e−01
CV Expr by Celltype	Unfiltered	protoxylem ERS+	cahn_group	TE−like vs Unmethylated	5.0768e−08