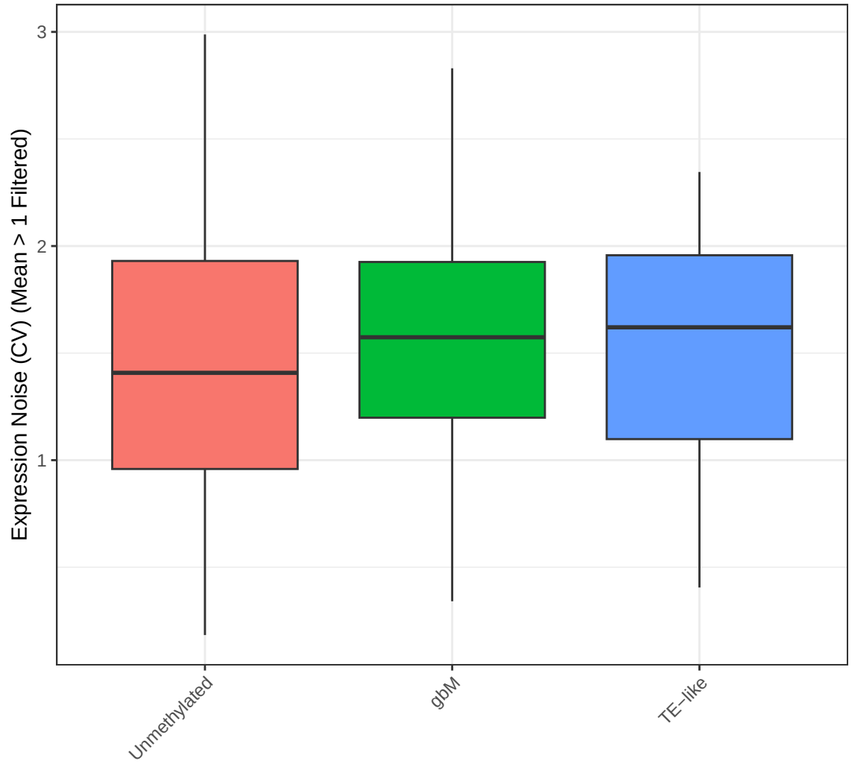
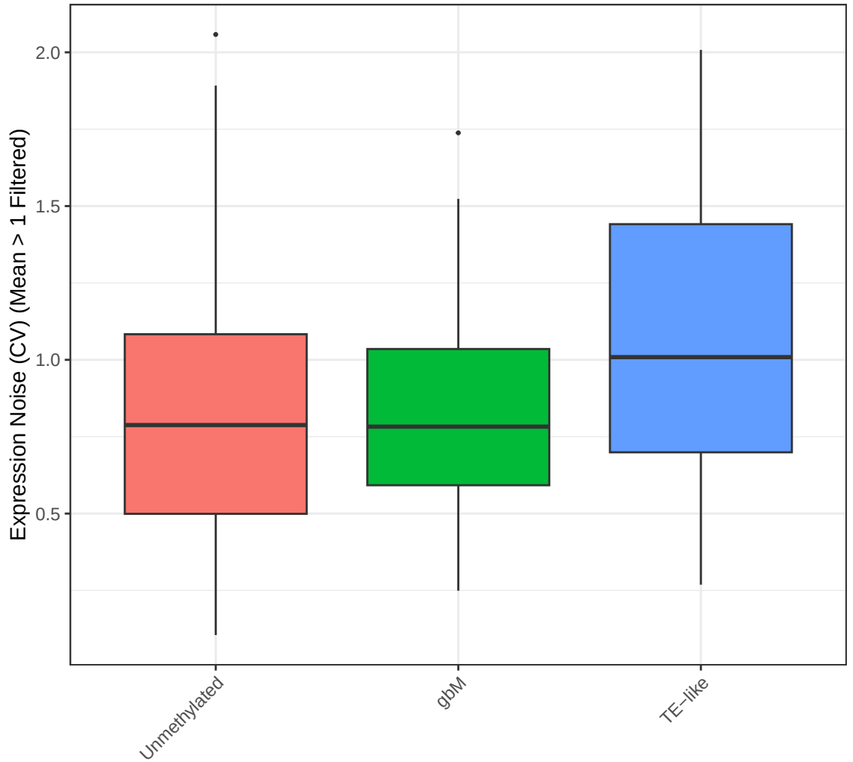
Expression Noise (CV) by Cahn Group in Celltypes (Mean > 1 Filtered)

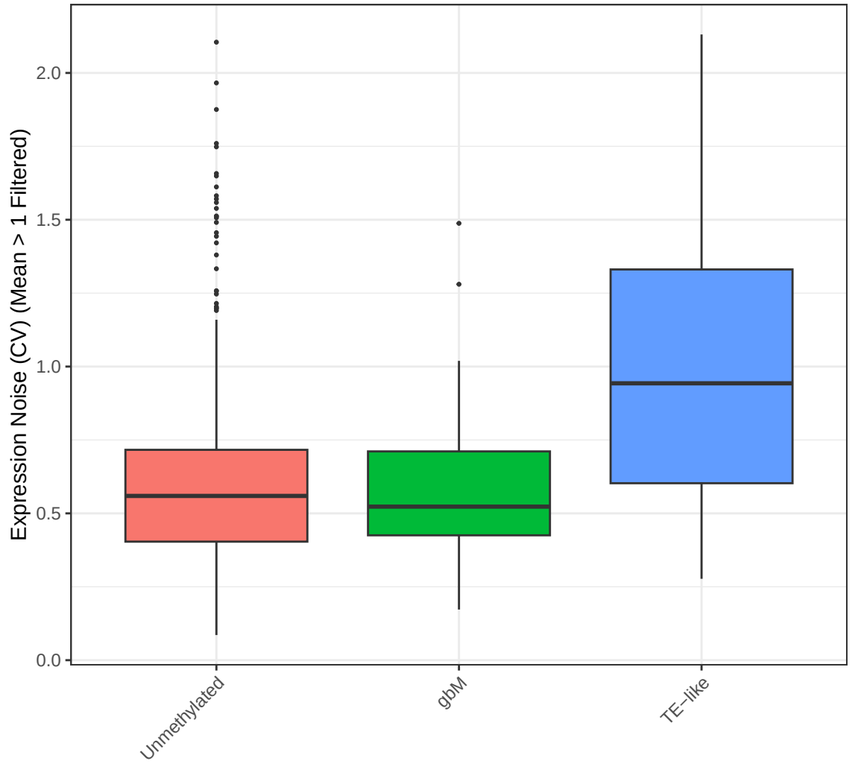
Cahn Group in border cells



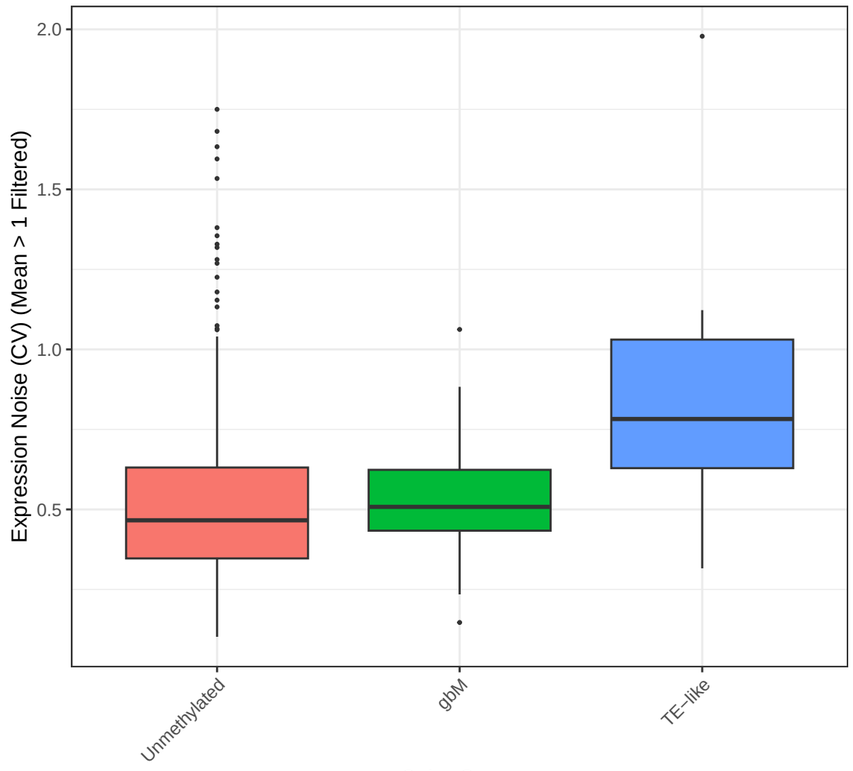
Cahn Group in root cap tip



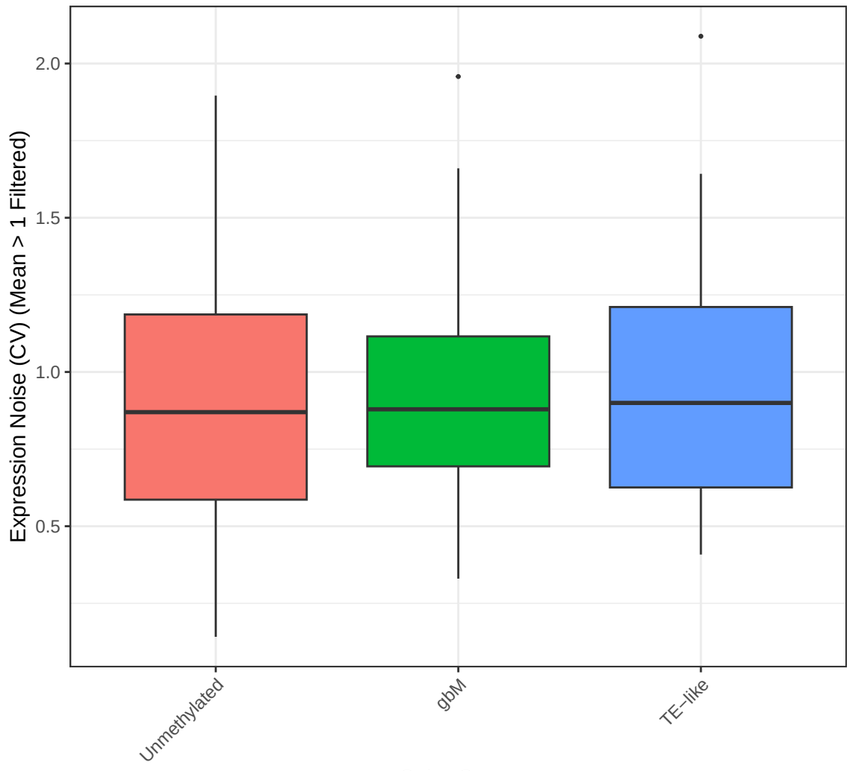
Cahn Group in columella



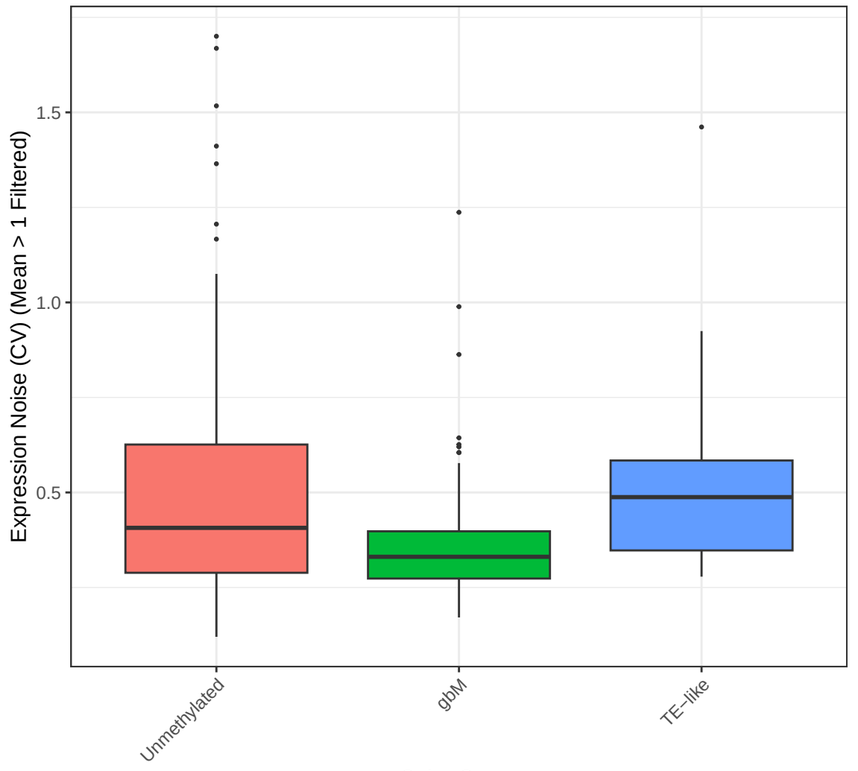
Cahn Group in root cap early



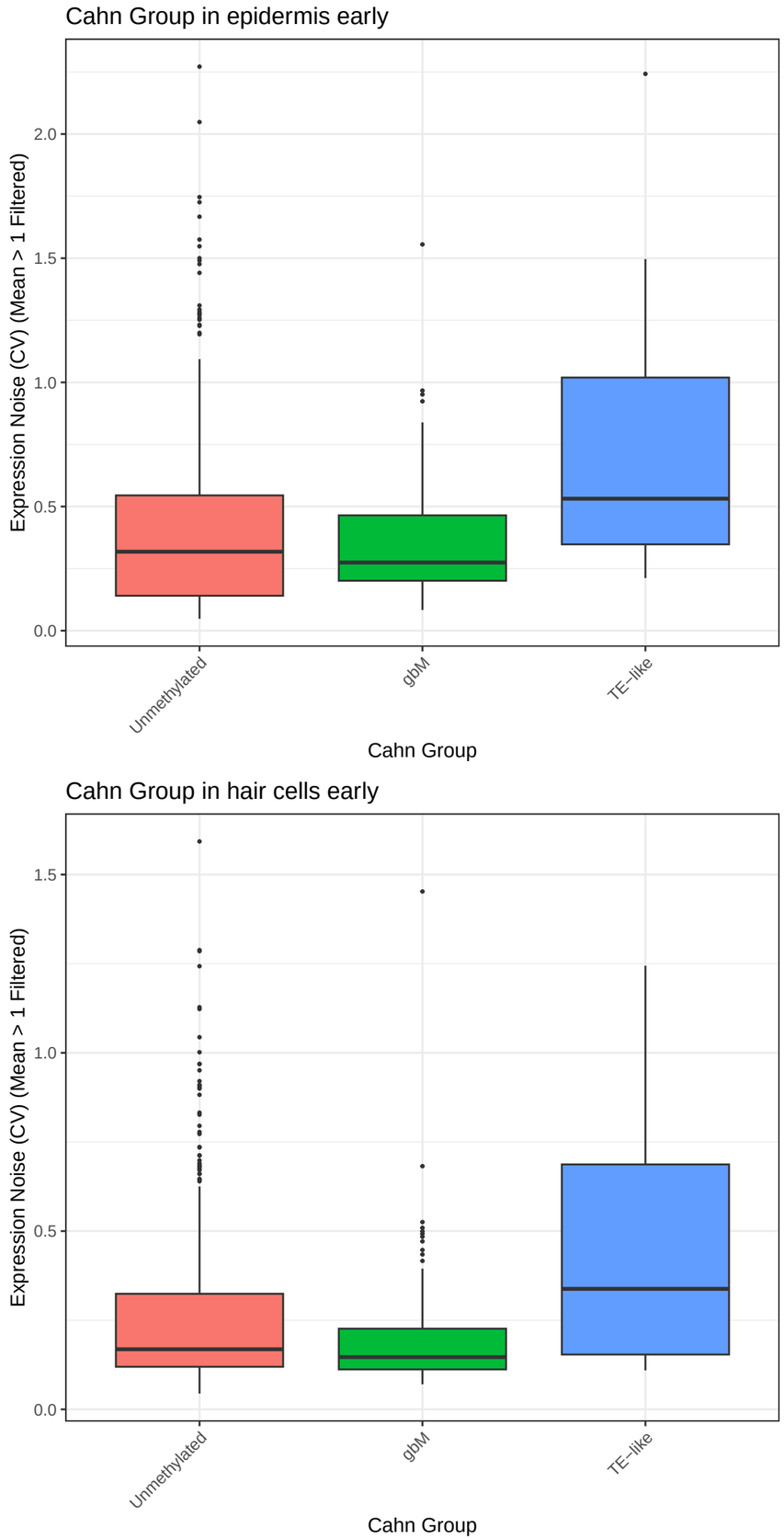
Cahn Group in root cap lateral

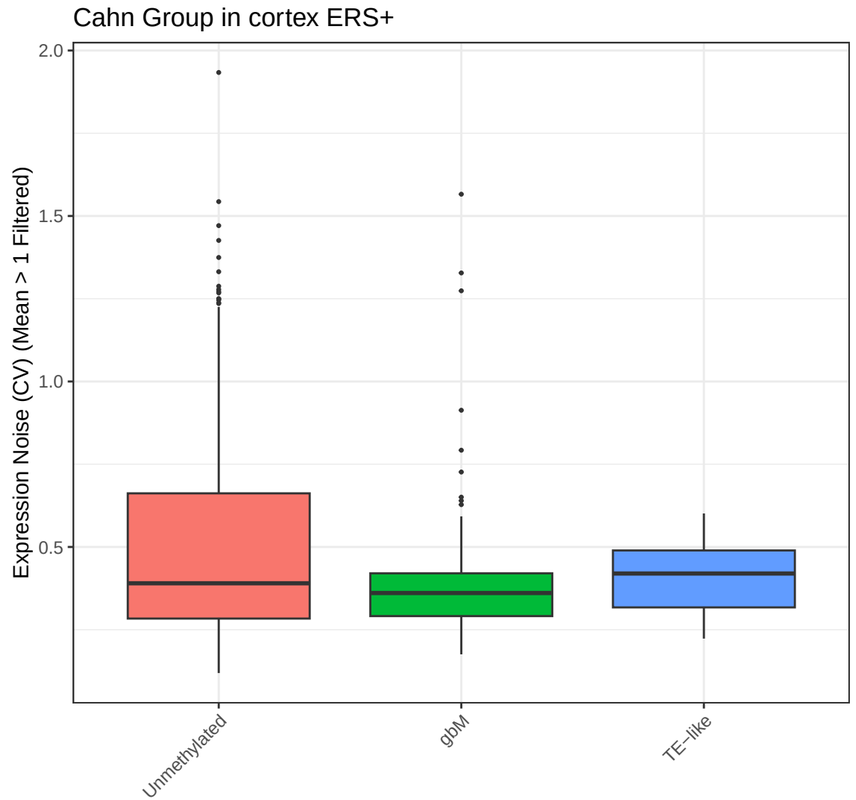


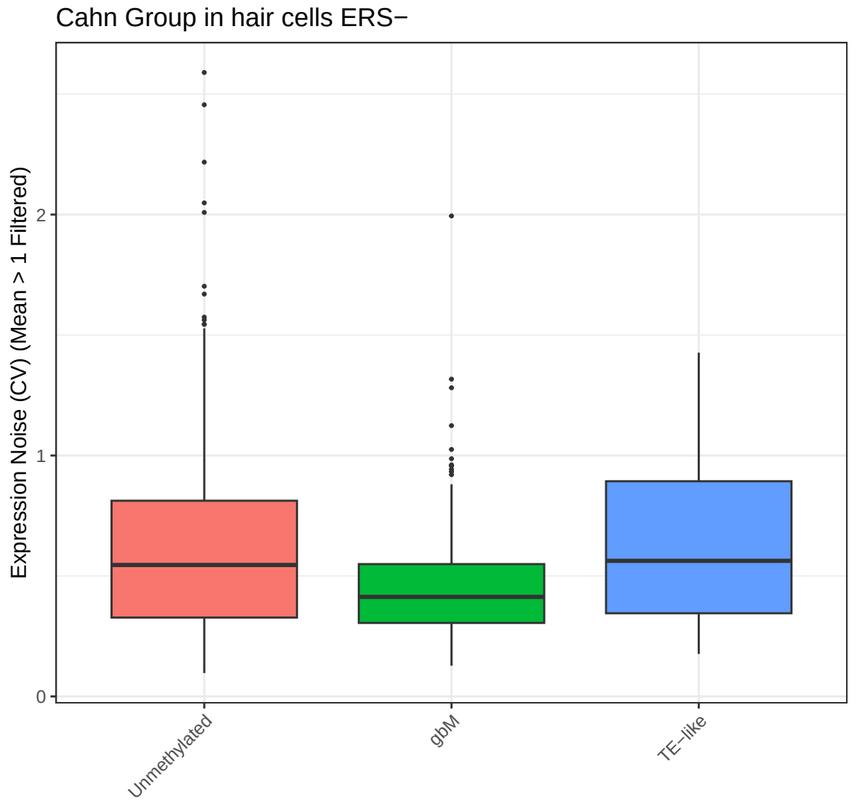
Cahn Group in non−hair cells

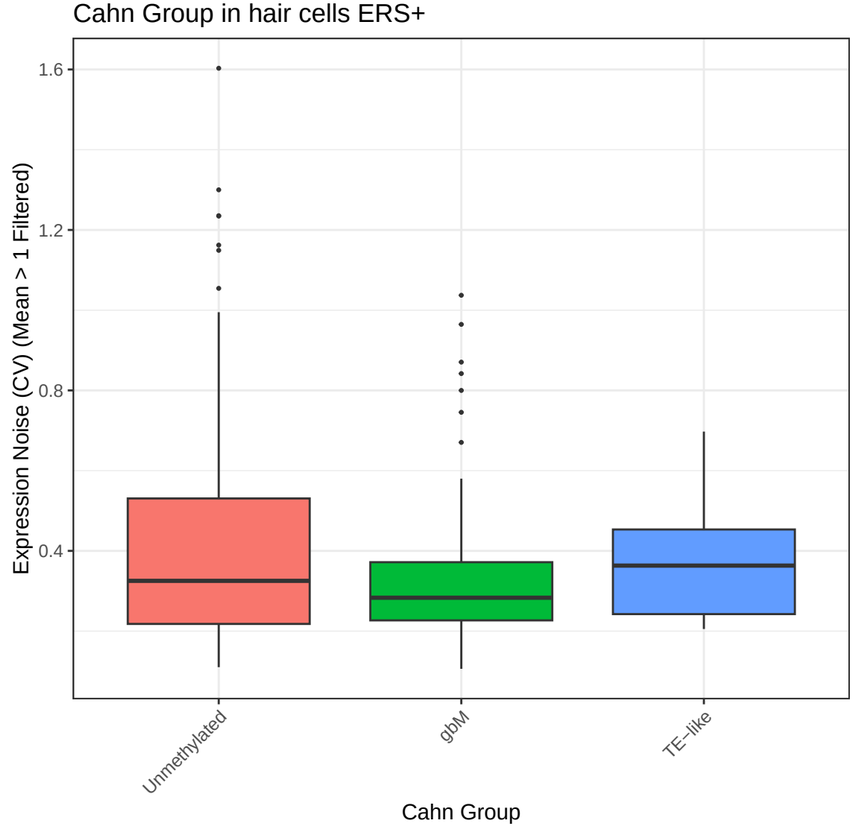


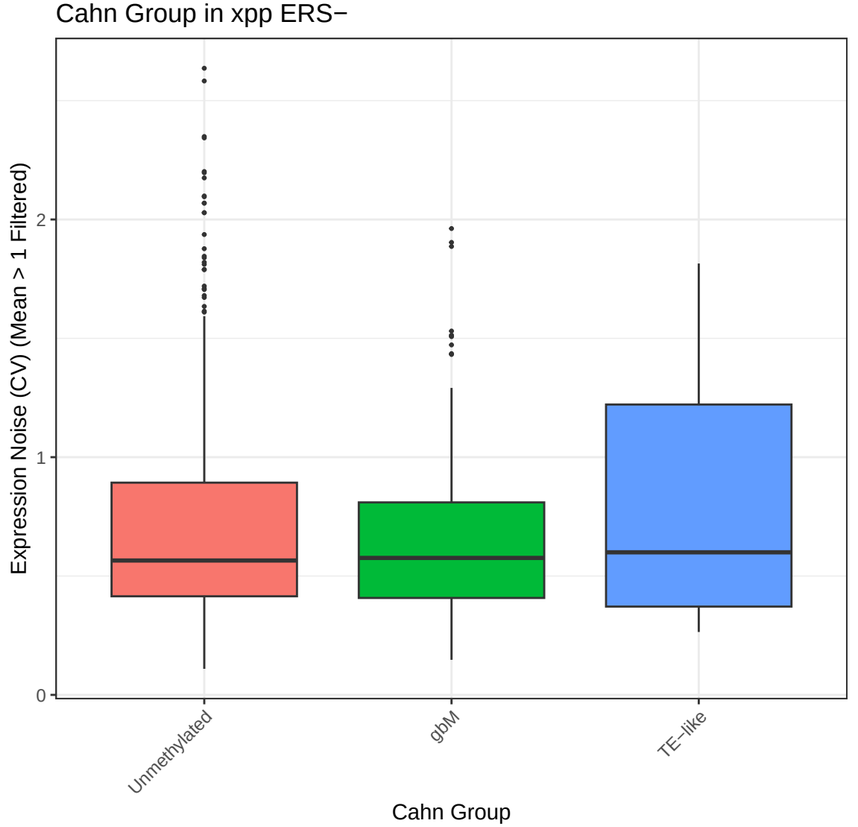
Expression Noise (CV) by Cahn Group in Celltypes (Mean > 1 Filtered)





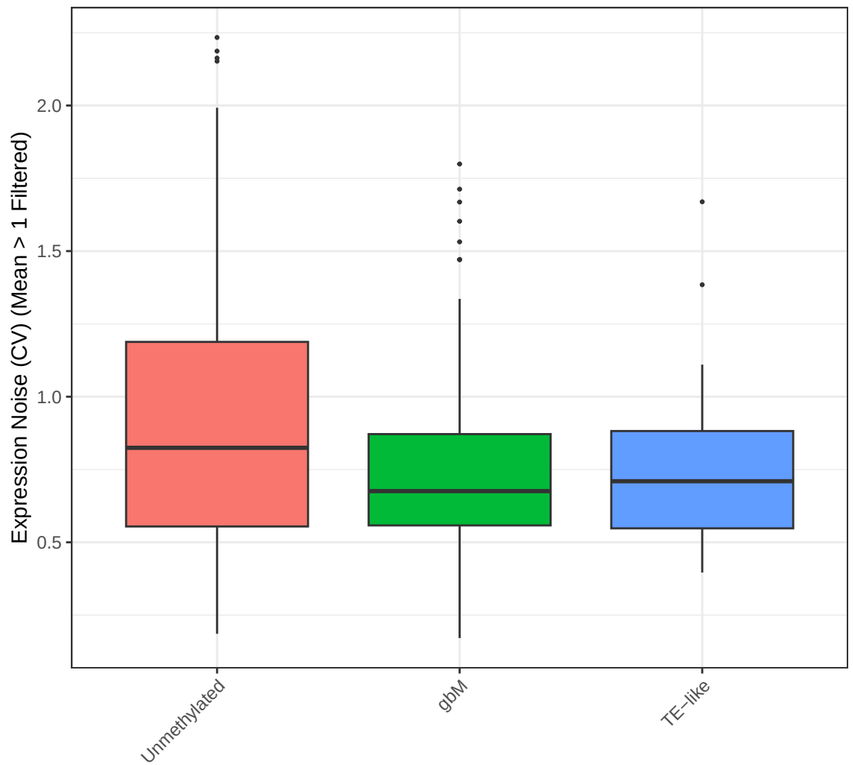




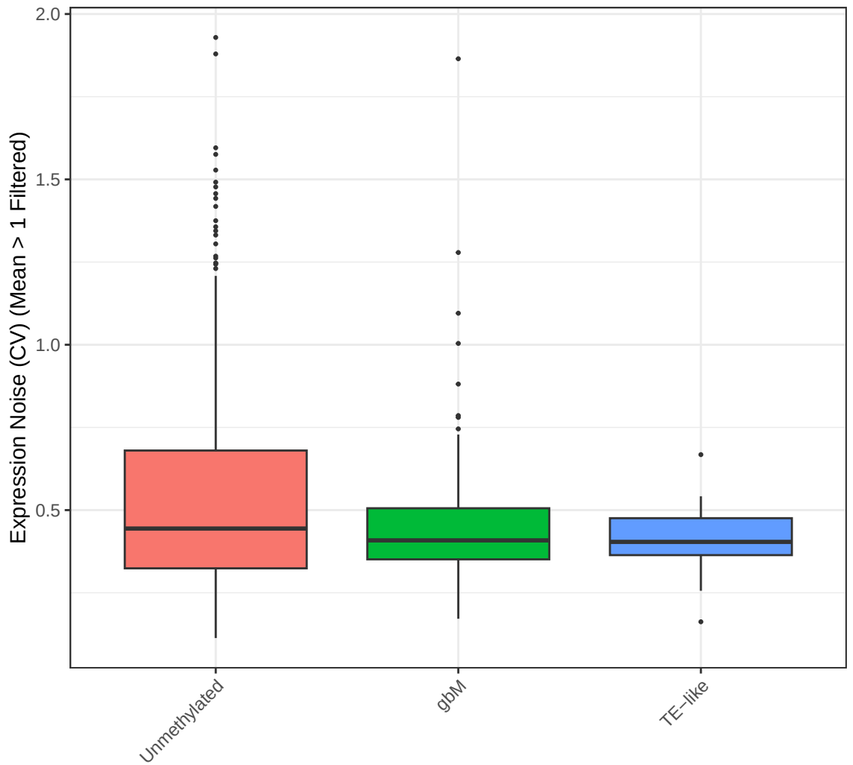


Expression Noise (CV) by Cahn Group in Celltypes (Mean > 1 Filtered)

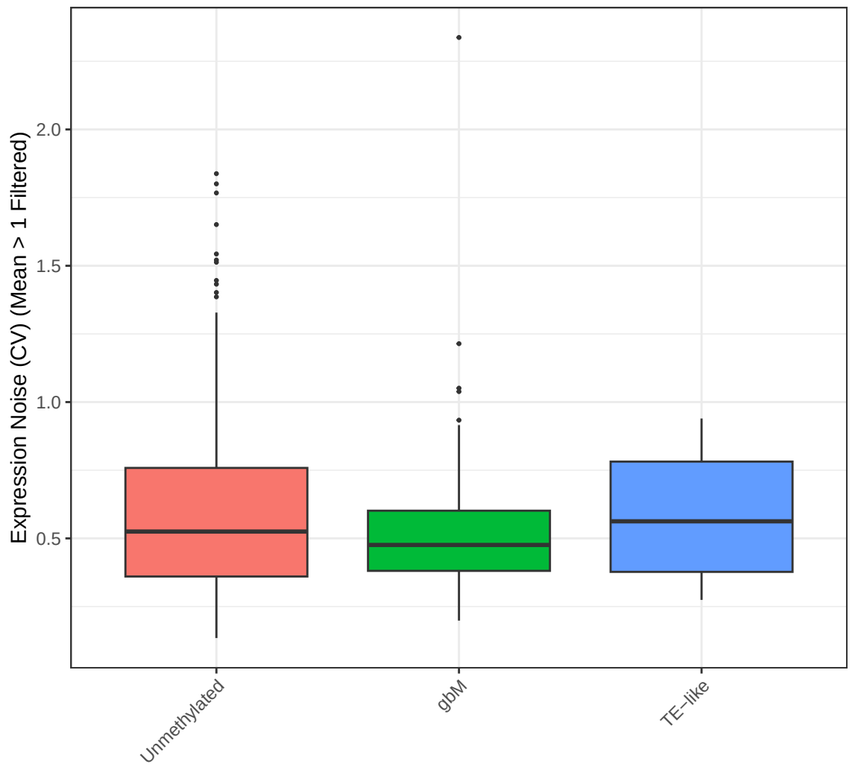
Cahn Group in cortex ERS−



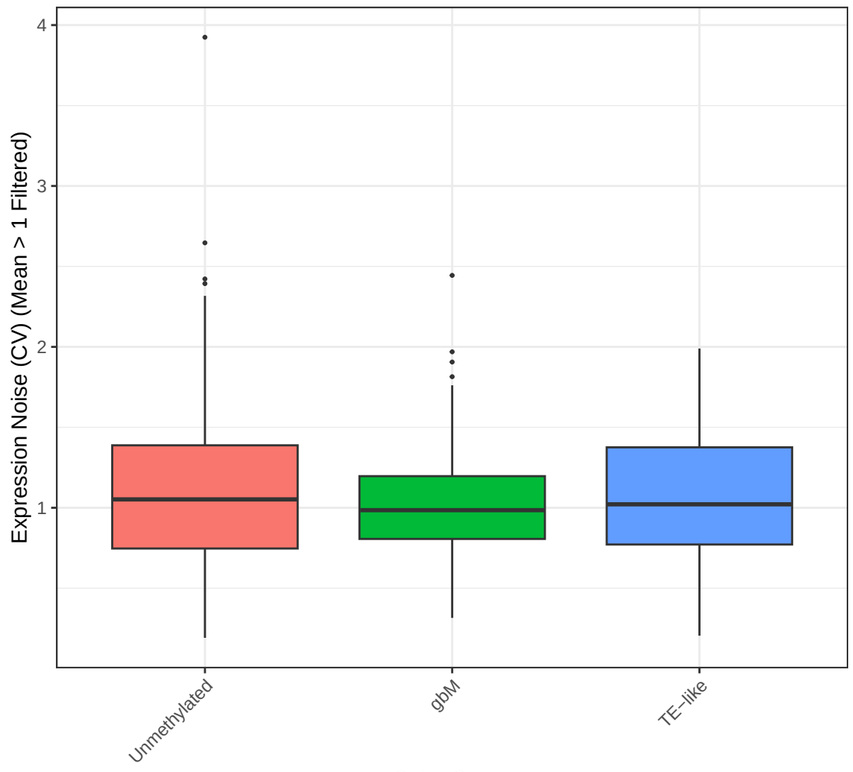
Cahn Group in endodermis ERS+



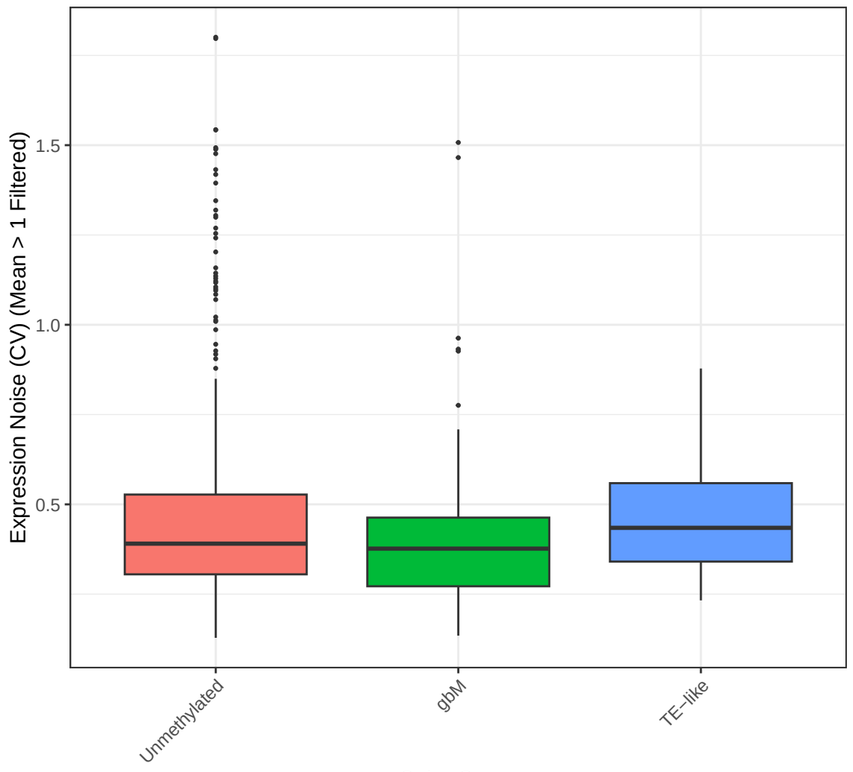
Cahn Group in ppp ERS+



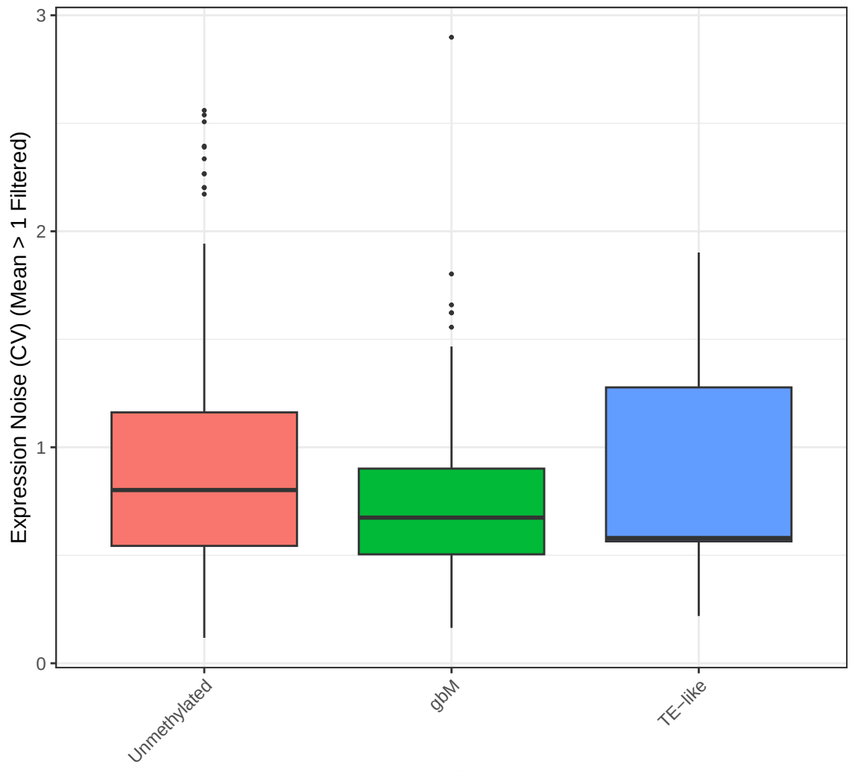
Cahn Group in endodermis ERS−



Cahn Group in xpp ERS+

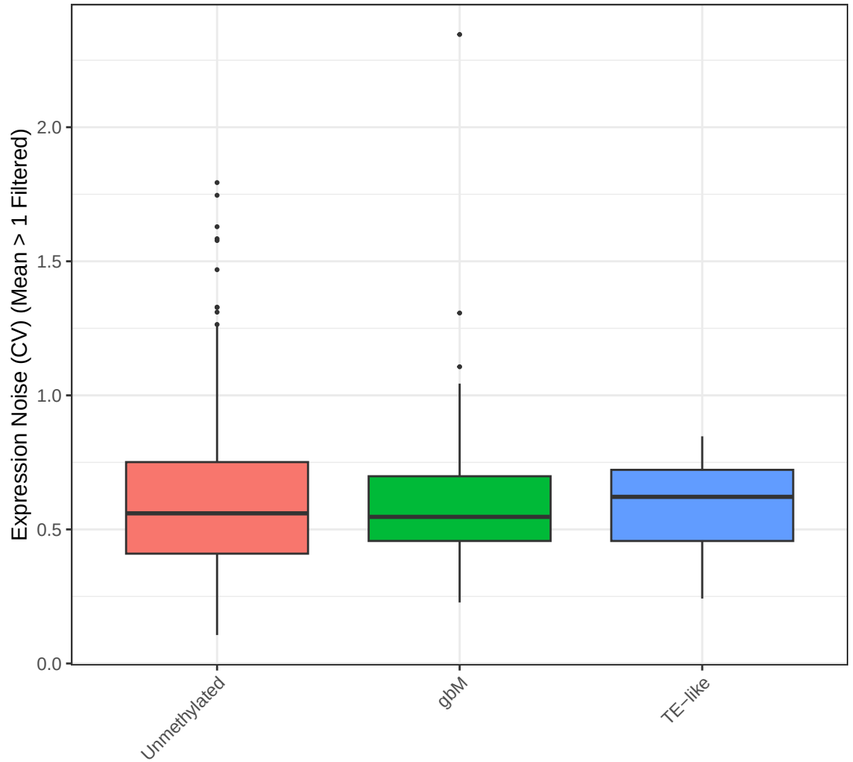


Cahn Group in ppp ERS−

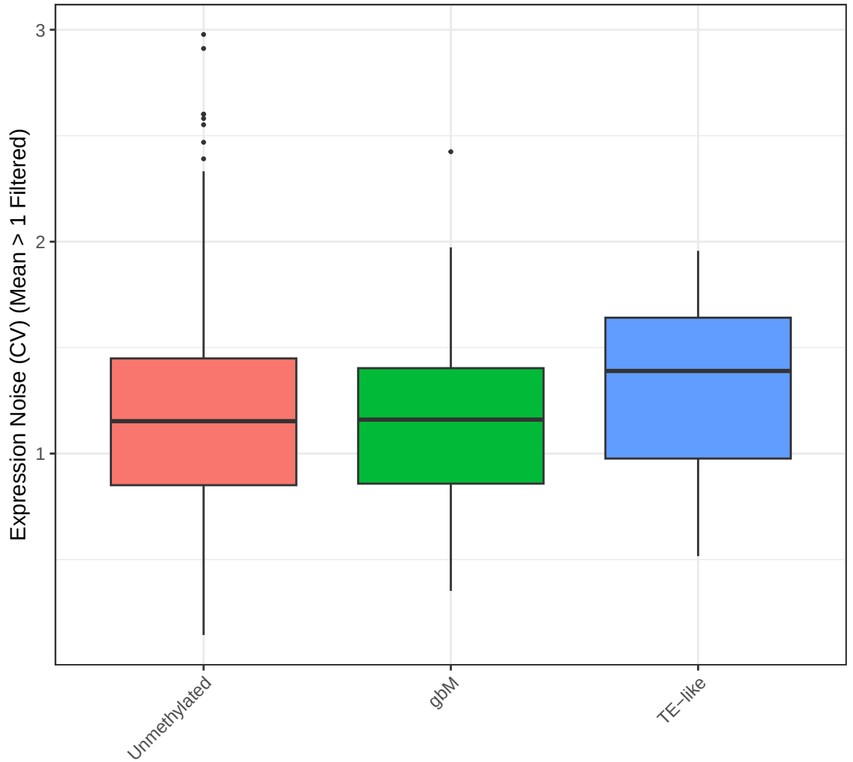


Expression Noise (CV) by Cahn Group in Celltypes (Mean > 1 Filtered)

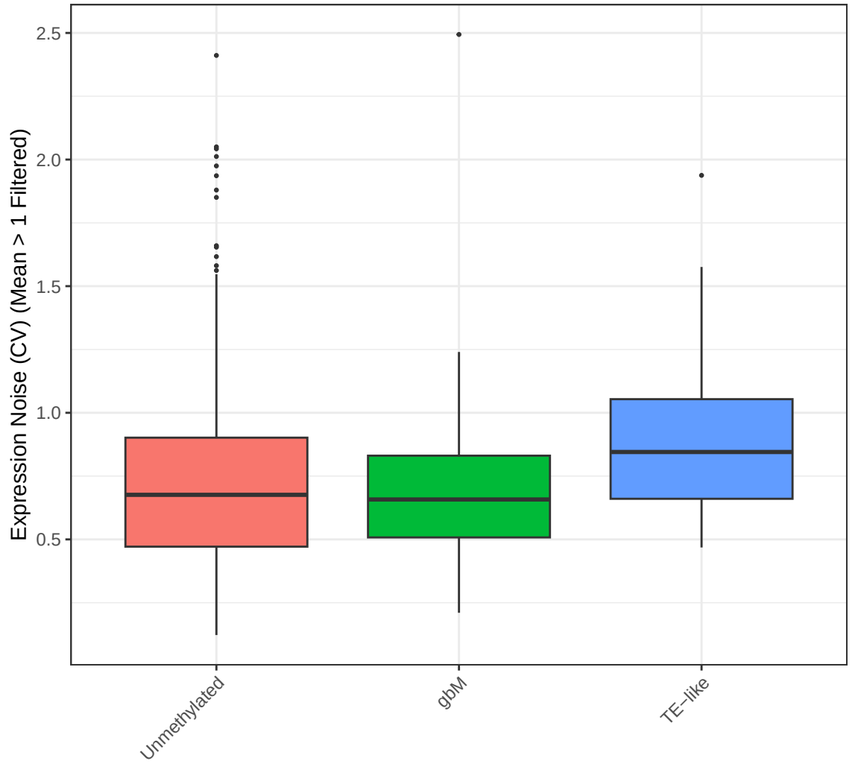
Cahn Group in procambium ERS+



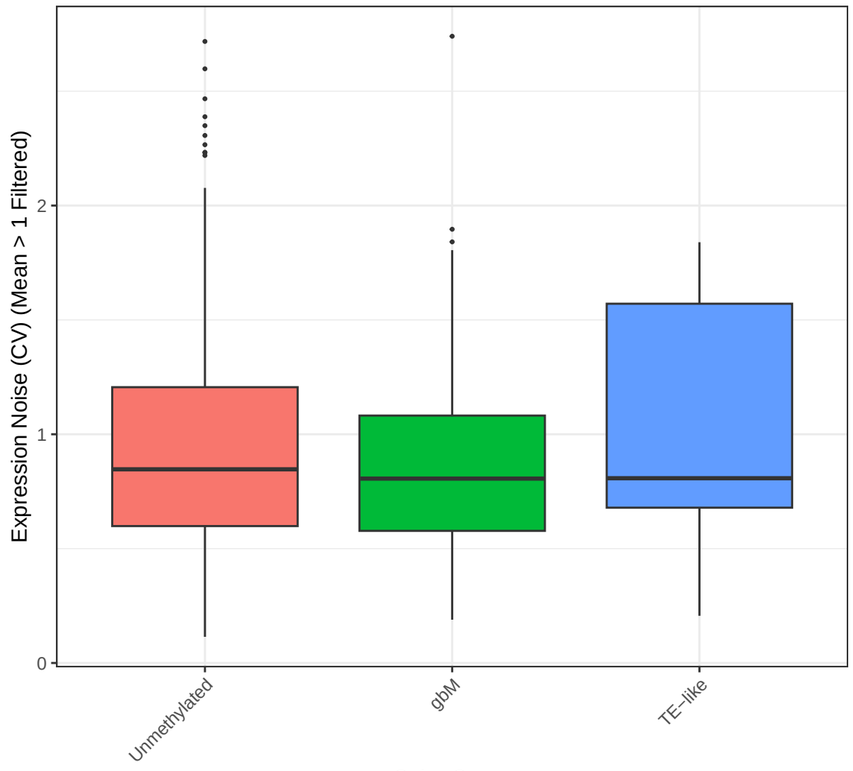
Cahn Group in protophloem ERS−



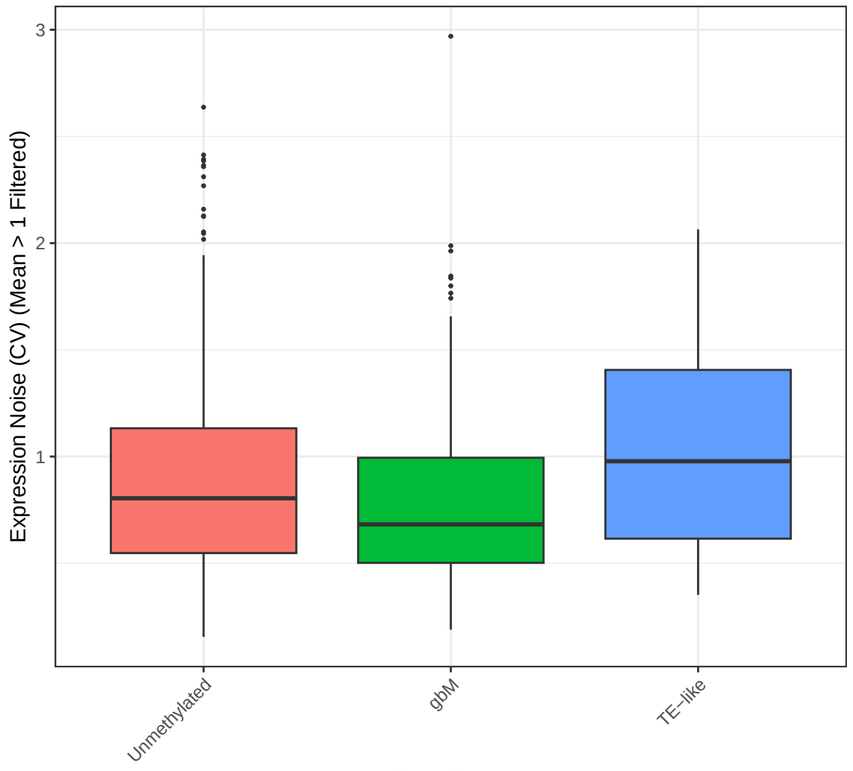
Cahn Group in protophloem ERS+



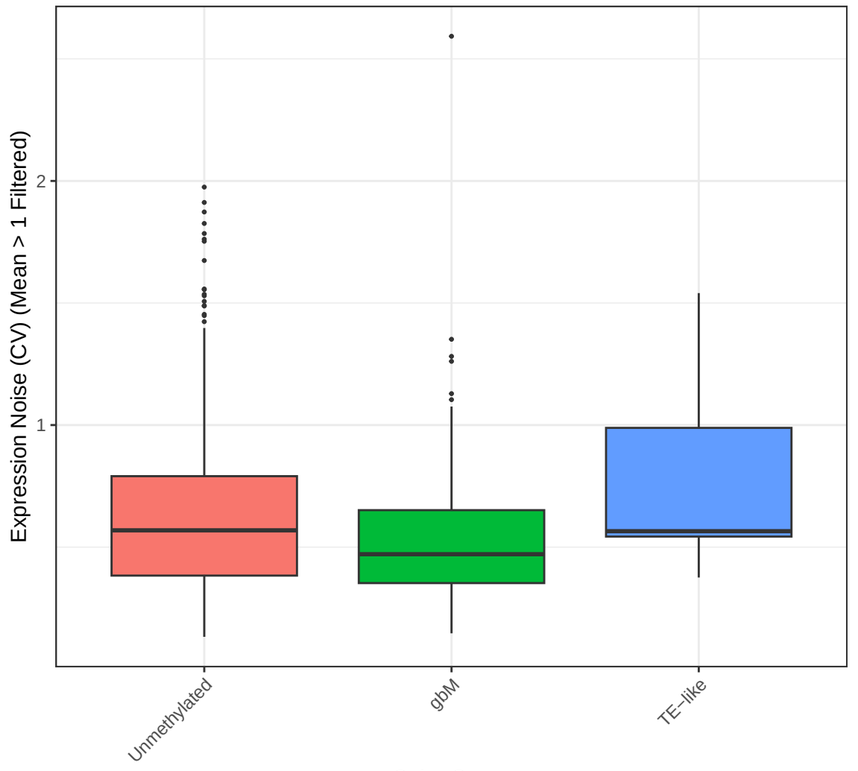
Cahn Group in procambium ERS−



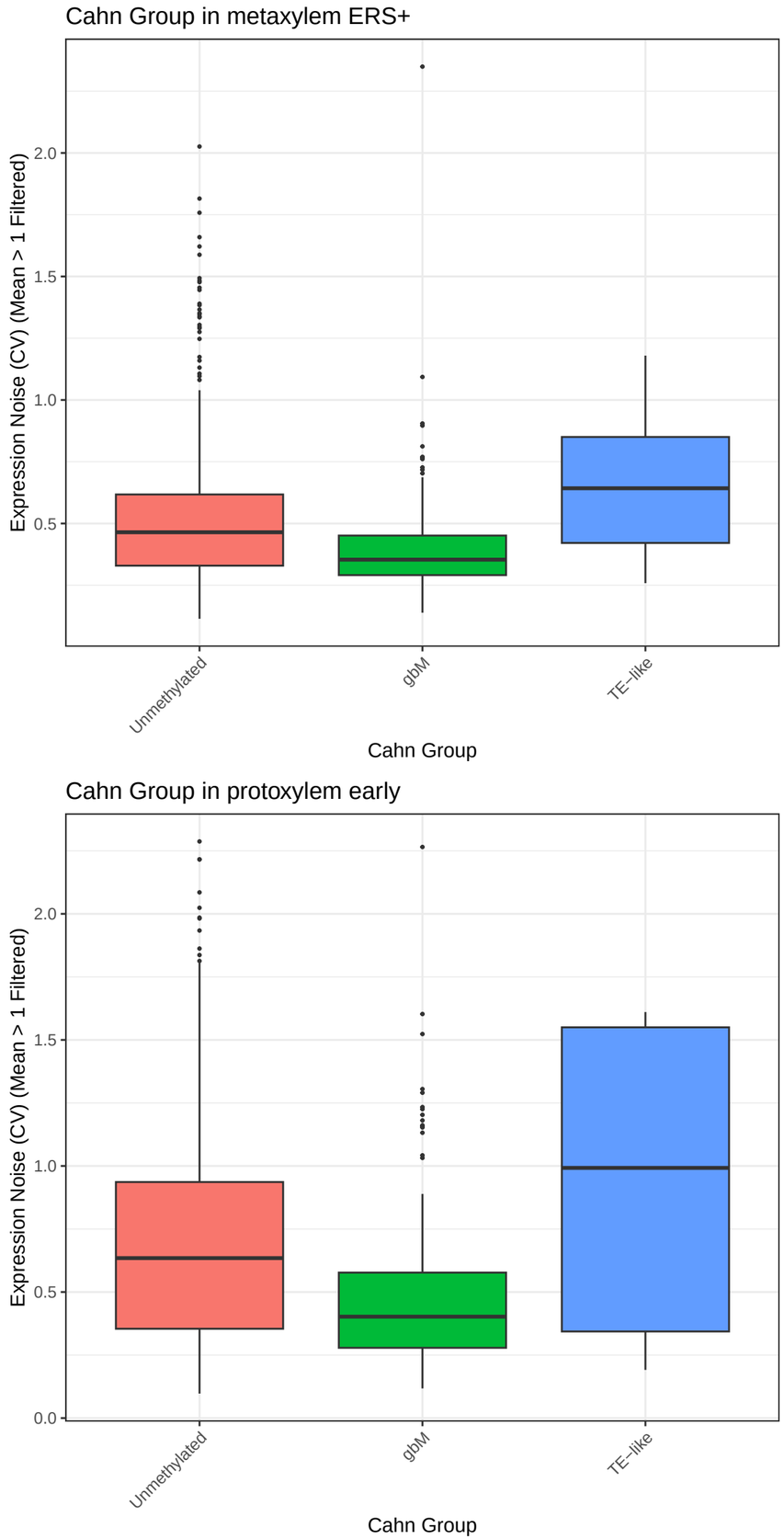
Cahn Group in metaphloem ERS−

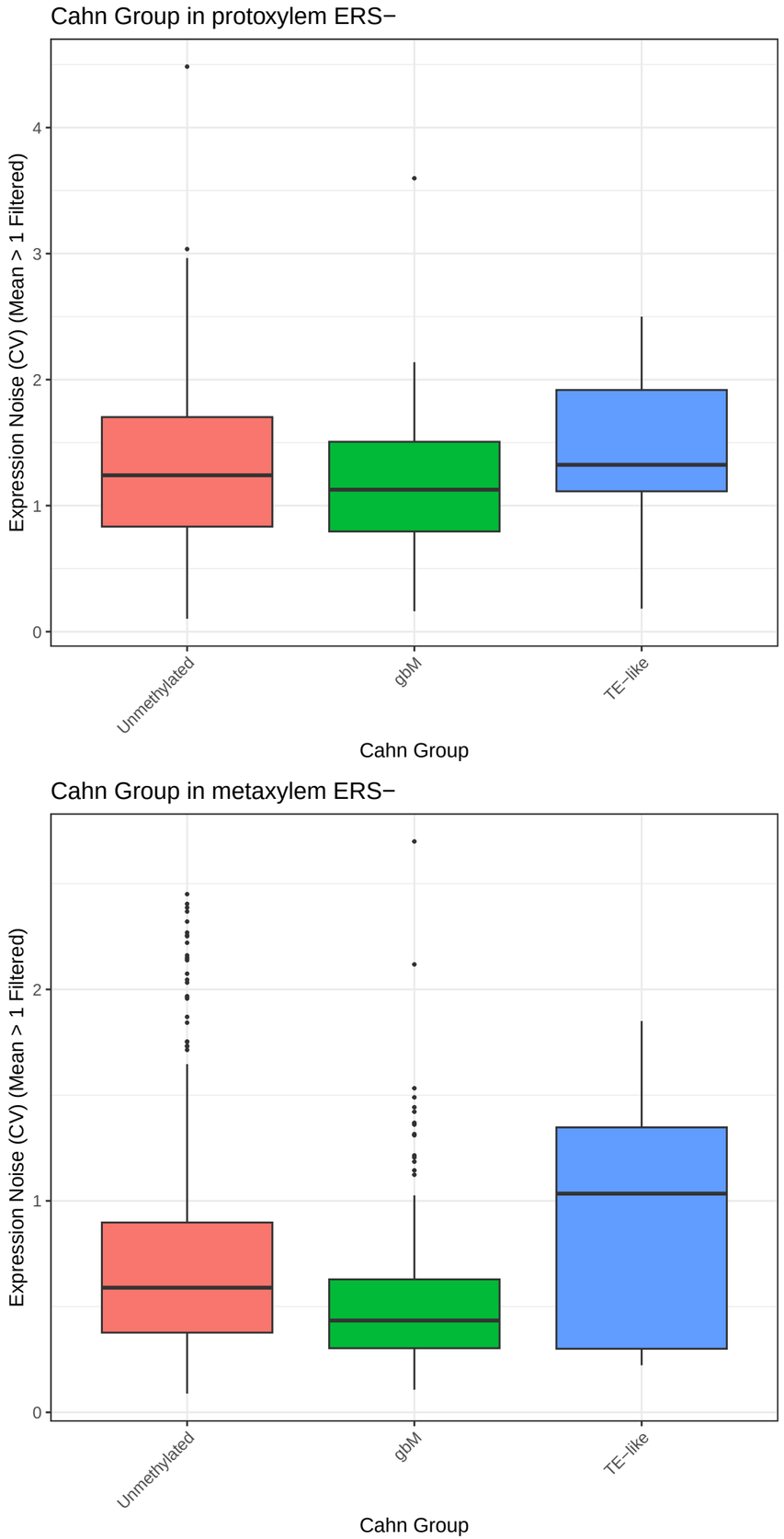


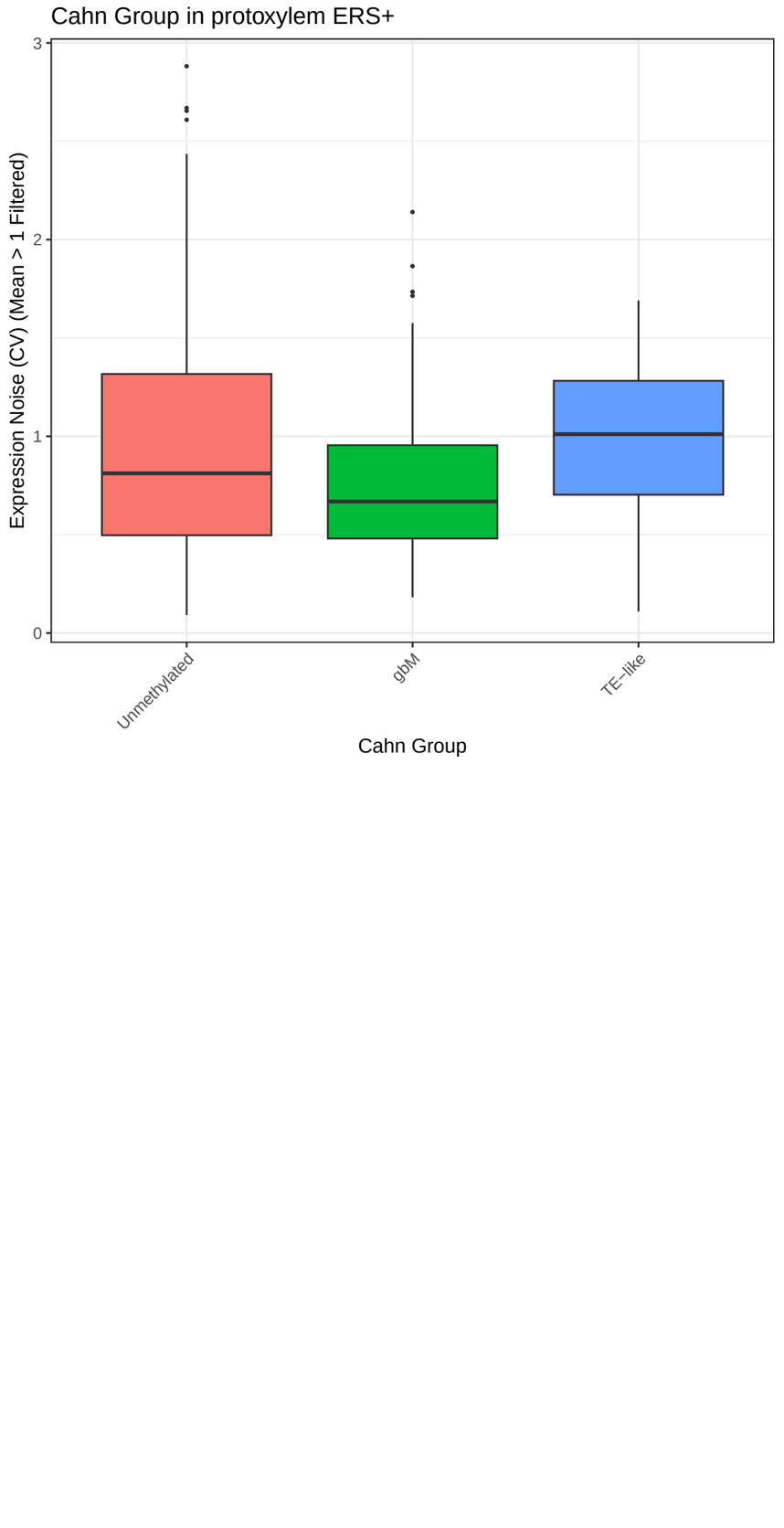
Cahn Group in metaphloem ERS+



Expression Noise (CV) by Cahn Group in Celltypes (Mean > 1 Filtered)







Statistical Comparisons for Expression Noise (CV) by Cahn Group in Celltypes (Mean > 1 Filtered)

Context	Filter_Tag	Specific_Context	Group_Type	Comparison	P_value_Formatted
CV Expr by Celltype	Mean > 1 Filtered	border cells	cahn_group	Overall (Kruskal−Wallis)	4.6576e−02
CV Expr by Celltype	Mean > 1 Filtered	border cells	cahn_group	gbM vs Unmethylated	1.2842e−02
CV Expr by Celltype	Mean > 1 Filtered	border cells	cahn_group	TE−like vs Unmethylated	7.8217e−01
CV Expr by Celltype	Mean > 1 Filtered	root cap early	cahn_group	Overall (Kruskal−Wallis)	1.5519e−04
CV Expr by Celltype	Mean > 1 Filtered	root cap early	cahn_group	gbM vs Unmethylated	1.9012e−02
CV Expr by Celltype	Mean > 1 Filtered	root cap early	cahn_group	TE−like vs Unmethylated	4.9207e−04
CV Expr by Celltype	Mean > 1 Filtered	root cap tip	cahn_group	Overall (Kruskal−Wallis)	2.8065e−01
CV Expr by Celltype	Mean > 1 Filtered	root cap tip	cahn_group	gbM vs Unmethylated	5.6642e−01
CV Expr by Celltype	Mean > 1 Filtered	root cap tip	cahn_group	TE−like vs Unmethylated	1.3798e−01
CV Expr by Celltype	Mean > 1 Filtered	root cap lateral	cahn_group	Overall (Kruskal−Wallis)	7.2367e−01
CV Expr by Celltype	Mean > 1 Filtered	root cap lateral	cahn_group	gbM vs Unmethylated	5.3540e−01
CV Expr by Celltype	Mean > 1 Filtered	root cap lateral	cahn_group	TE−like vs Unmethylated	5.7812e−01
CV Expr by Celltype	Mean > 1 Filtered	columella	cahn_group	Overall (Kruskal−Wallis)	1.2168e−02
CV Expr by Celltype	Mean > 1 Filtered	columella	cahn_group	gbM vs Unmethylated	7.1042e−01
CV Expr by Celltype	Mean > 1 Filtered	columella	cahn_group	TE−like vs Unmethylated	4.7618e−03
CV Expr by Celltype	Mean > 1 Filtered	non−hair cells	cahn_group	Overall (Kruskal−Wallis)	4.9685e−06
CV Expr by Celltype	Mean > 1 Filtered	non−hair cells	cahn_group	gbM vs Unmethylated	2.4981e−06
CV Expr by Celltype	Mean > 1 Filtered	non−hair cells	cahn_group	TE−like vs Unmethylated	3.3292e−01
CV Expr by Celltype	Mean > 1 Filtered	epidermis early	cahn_group	Overall (Kruskal−Wallis)	1.5078e−02
CV Expr by Celltype	Mean > 1 Filtered	epidermis early	cahn_group	gbM vs Unmethylated	9.1608e−01
CV Expr by Celltype	Mean > 1 Filtered	epidermis early	cahn_group	TE−like vs Unmethylated	5.9371e−03
CV Expr by Celltype	Mean > 1 Filtered	hair cells early	cahn_group	Overall (Kruskal−Wallis)	1.0860e−03
CV Expr by Celltype	Mean > 1 Filtered	hair cells early	cahn_group	gbM vs Unmethylated	5.6913e−03
CV Expr by Celltype	Mean > 1 Filtered	hair cells early	cahn_group	TE−like vs Unmethylated	2.5208e−02
CV Expr by Celltype	Mean > 1 Filtered	cortex ERS+	cahn_group	Overall (Kruskal−Wallis)	1.2896e−02
CV Expr by Celltype	Mean > 1 Filtered	cortex ERS+	cahn_group	gbM vs Unmethylated	3.8255e−03
CV Expr by Celltype	Mean > 1 Filtered	cortex ERS+	cahn_group	TE−like vs Unmethylated	8.5733e−01
CV Expr by Celltype	Mean > 1 Filtered	hair cells ERS+	cahn_group	Overall (Kruskal−Wallis)	3.5193e−02
CV Expr by Celltype	Mean > 1 Filtered	hair cells ERS+	cahn_group	gbM vs Unmethylated	1.3160e−02
CV Expr by Celltype	Mean > 1 Filtered	hair cells ERS+	cahn_group	TE−like vs Unmethylated	7.2628e−01

Statistical Comparisons for Expression Noise (CV) by Cahn Group in Celltypes (Mean > 1 Filtered)

Context	Filter_Tag	Specific_Context	Group_Type	Comparison	P_value_Formatted
CV Expr by Celltype	Mean > 1 Filtered	hair cells ERS−	cahn_group	Overall (Kruskal−Wallis)	2.9543e−04
CV Expr by Celltype	Mean > 1 Filtered	hair cells ERS−	cahn_group	gbM vs Unmethylated	6.5885e−05
CV Expr by Celltype	Mean > 1 Filtered	hair cells ERS−	cahn_group	TE−like vs Unmethylated	7.1683e−01
CV Expr by Celltype	Mean > 1 Filtered	xpp ERS−	cahn_group	Overall (Kruskal−Wallis)	7.9160e−01
CV Expr by Celltype	Mean > 1 Filtered	xpp ERS−	cahn_group	gbM vs Unmethylated	5.5003e−01
CV Expr by Celltype	Mean > 1 Filtered	xpp ERS−	cahn_group	TE−like vs Unmethylated	7.7733e−01
CV Expr by Celltype	Mean > 1 Filtered	cortex ERS−	cahn_group	Overall (Kruskal−Wallis)	5.0233e−03
CV Expr by Celltype	Mean > 1 Filtered	cortex ERS−	cahn_group	gbM vs Unmethylated	1.2425e−03
CV Expr by Celltype	Mean > 1 Filtered	cortex ERS−	cahn_group	TE−like vs Unmethylated	5.0575e−01
CV Expr by Celltype	Mean > 1 Filtered	endodermis ERS−	cahn_group	Overall (Kruskal−Wallis)	5.1468e−01
CV Expr by Celltype	Mean > 1 Filtered	endodermis ERS−	cahn_group	gbM vs Unmethylated	2.6809e−01
CV Expr by Celltype	Mean > 1 Filtered	endodermis ERS−	cahn_group	TE−like vs Unmethylated	6.8566e−01
CV Expr by Celltype	Mean > 1 Filtered	endodermis ERS+	cahn_group	Overall (Kruskal−Wallis)	1.6536e−01
CV Expr by Celltype	Mean > 1 Filtered	endodermis ERS+	cahn_group	gbM vs Unmethylated	1.1264e−01
CV Expr by Celltype	Mean > 1 Filtered	endodermis ERS+	cahn_group	TE−like vs Unmethylated	2.4281e−01
CV Expr by Celltype	Mean > 1 Filtered	xpp ERS+	cahn_group	Overall (Kruskal−Wallis)	1.1415e−01
CV Expr by Celltype	Mean > 1 Filtered	xpp ERS+	cahn_group	gbM vs Unmethylated	5.8666e−02
CV Expr by Celltype	Mean > 1 Filtered	xpp ERS+	cahn_group	TE−like vs Unmethylated	4.9240e−01
CV Expr by Celltype	Mean > 1 Filtered	ppp ERS+	cahn_group	Overall (Kruskal−Wallis)	1.1021e−01
CV Expr by Celltype	Mean > 1 Filtered	ppp ERS+	cahn_group	gbM vs Unmethylated	3.8281e−02
CV Expr by Celltype	Mean > 1 Filtered	ppp ERS+	cahn_group	TE−like vs Unmethylated	9.2713e−01
CV Expr by Celltype	Mean > 1 Filtered	ppp ERS−	cahn_group	Overall (Kruskal−Wallis)	9.6582e−03
CV Expr by Celltype	Mean > 1 Filtered	ppp ERS−	cahn_group	gbM vs Unmethylated	2.2480e−03
CV Expr by Celltype	Mean > 1 Filtered	ppp ERS−	cahn_group	TE−like vs Unmethylated	9.8071e−01
CV Expr by Celltype	Mean > 1 Filtered	procambium ERS+	cahn_group	Overall (Kruskal−Wallis)	9.5993e−01
CV Expr by Celltype	Mean > 1 Filtered	procambium ERS+	cahn_group	gbM vs Unmethylated	8.0398e−01
CV Expr by Celltype	Mean > 1 Filtered	procambium ERS+	cahn_group	TE−like vs Unmethylated	9.3047e−01
CV Expr by Celltype	Mean > 1 Filtered	procambium ERS−	cahn_group	Overall (Kruskal−Wallis)	4.0485e−01
CV Expr by Celltype	Mean > 1 Filtered	procambium ERS−	cahn_group	gbM vs Unmethylated	2.2286e−01
CV Expr by Celltype	Mean > 1 Filtered	procambium ERS−	cahn_group	TE−like vs Unmethylated	6.4443e−01

Statistical Comparisons for Expression Noise (CV) by Cahn Group in Celltypes (Mean > 1 Filtered)

Context	Filter_Tag	Specific_Context	Group_Type	Comparison	P_value_Formatted
CV Expr by Celltype	Mean > 1 Filtered	protophloem ERS−	cahn_group	Overall (Kruskal−Wallis)	3.4517e−01
CV Expr by Celltype	Mean > 1 Filtered	protophloem ERS−	cahn_group	gbM vs Unmethylated	8.5831e−01
CV Expr by Celltype	Mean > 1 Filtered	protophloem ERS−	cahn_group	TE−like vs Unmethylated	1.5369e−01
CV Expr by Celltype	Mean > 1 Filtered	metaphloem ERS−	cahn_group	Overall (Kruskal−Wallis)	4.3731e−02
CV Expr by Celltype	Mean > 1 Filtered	metaphloem ERS−	cahn_group	gbM vs Unmethylated	3.8173e−02
CV Expr by Celltype	Mean > 1 Filtered	metaphloem ERS−	cahn_group	TE−like vs Unmethylated	1.9345e−01
CV Expr by Celltype	Mean > 1 Filtered	protophloem ERS+	cahn_group	Overall (Kruskal−Wallis)	9.8448e−02
CV Expr by Celltype	Mean > 1 Filtered	protophloem ERS+	cahn_group	gbM vs Unmethylated	6.8337e−01
CV Expr by Celltype	Mean > 1 Filtered	protophloem ERS+	cahn_group	TE−like vs Unmethylated	4.4983e−02
CV Expr by Celltype	Mean > 1 Filtered	metaphloem ERS+	cahn_group	Overall (Kruskal−Wallis)	8.3117e−03
CV Expr by Celltype	Mean > 1 Filtered	metaphloem ERS+	cahn_group	gbM vs Unmethylated	9.0532e−03
CV Expr by Celltype	Mean > 1 Filtered	metaphloem ERS+	cahn_group	TE−like vs Unmethylated	1.7943e−01
CV Expr by Celltype	Mean > 1 Filtered	metaxylem ERS+	cahn_group	Overall (Kruskal−Wallis)	3.0865e−07
CV Expr by Celltype	Mean > 1 Filtered	metaxylem ERS+	cahn_group	gbM vs Unmethylated	2.4242e−07
CV Expr by Celltype	Mean > 1 Filtered	metaxylem ERS+	cahn_group	TE−like vs Unmethylated	1.4538e−01
CV Expr by Celltype	Mean > 1 Filtered	protoxylem early	cahn_group	Overall (Kruskal−Wallis)	1.8457e−07
CV Expr by Celltype	Mean > 1 Filtered	protoxylem early	cahn_group	gbM vs Unmethylated	1.0298e−07
CV Expr by Celltype	Mean > 1 Filtered	protoxylem early	cahn_group	TE−like vs Unmethylated	1.5128e−01
CV Expr by Celltype	Mean > 1 Filtered	protoxylem ERS−	cahn_group	Overall (Kruskal−Wallis)	4.8765e−02
CV Expr by Celltype	Mean > 1 Filtered	protoxylem ERS−	cahn_group	gbM vs Unmethylated	3.9544e−02
CV Expr by Celltype	Mean > 1 Filtered	protoxylem ERS−	cahn_group	TE−like vs Unmethylated	2.6377e−01
CV Expr by Celltype	Mean > 1 Filtered	metaxylem ERS−	cahn_group	Overall (Kruskal−Wallis)	1.1644e−05
CV Expr by Celltype	Mean > 1 Filtered	metaxylem ERS−	cahn_group	gbM vs Unmethylated	4.8613e−06
CV Expr by Celltype	Mean > 1 Filtered	metaxylem ERS−	cahn_group	TE−like vs Unmethylated	2.4028e−01
CV Expr by Celltype	Mean > 1 Filtered	protoxylem ERS+	cahn_group	Overall (Kruskal−Wallis)	4.9250e−03
CV Expr by Celltype	Mean > 1 Filtered	protoxylem ERS+	cahn_group	gbM vs Unmethylated	1.8062e−03
CV Expr by Celltype	Mean > 1 Filtered	protoxylem ERS+	cahn_group	TE−like vs Unmethylated	6.2644e−01