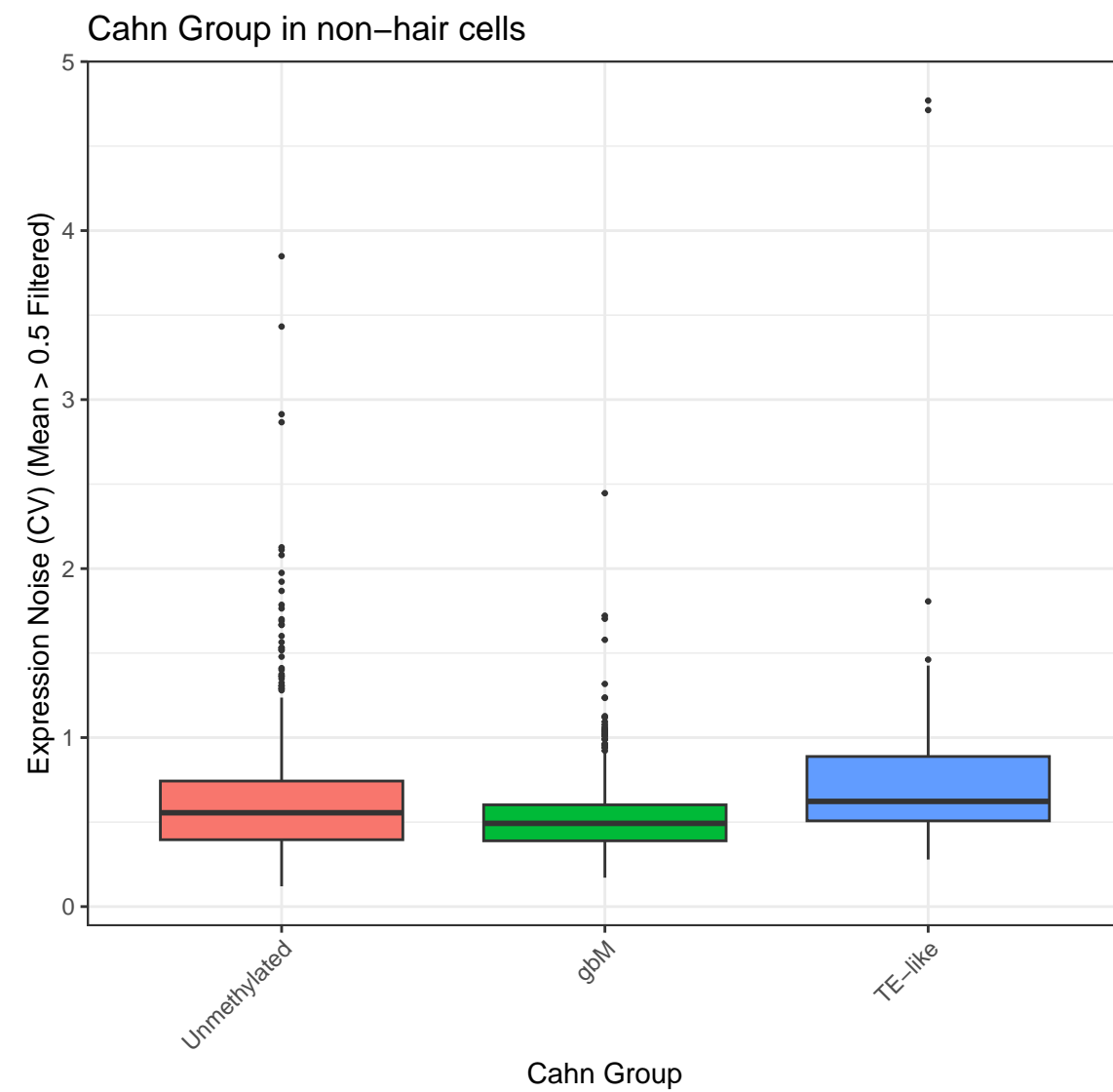
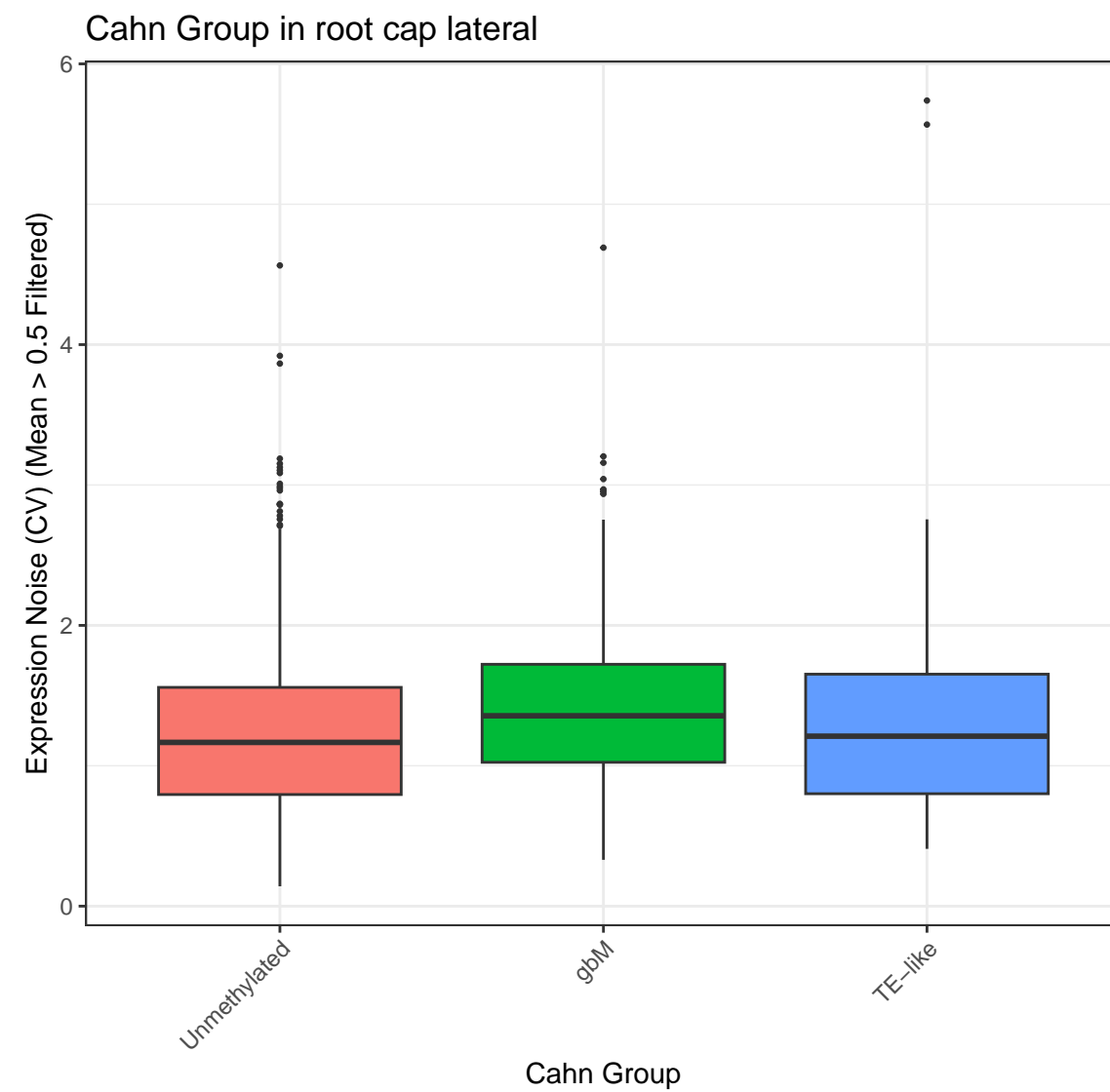
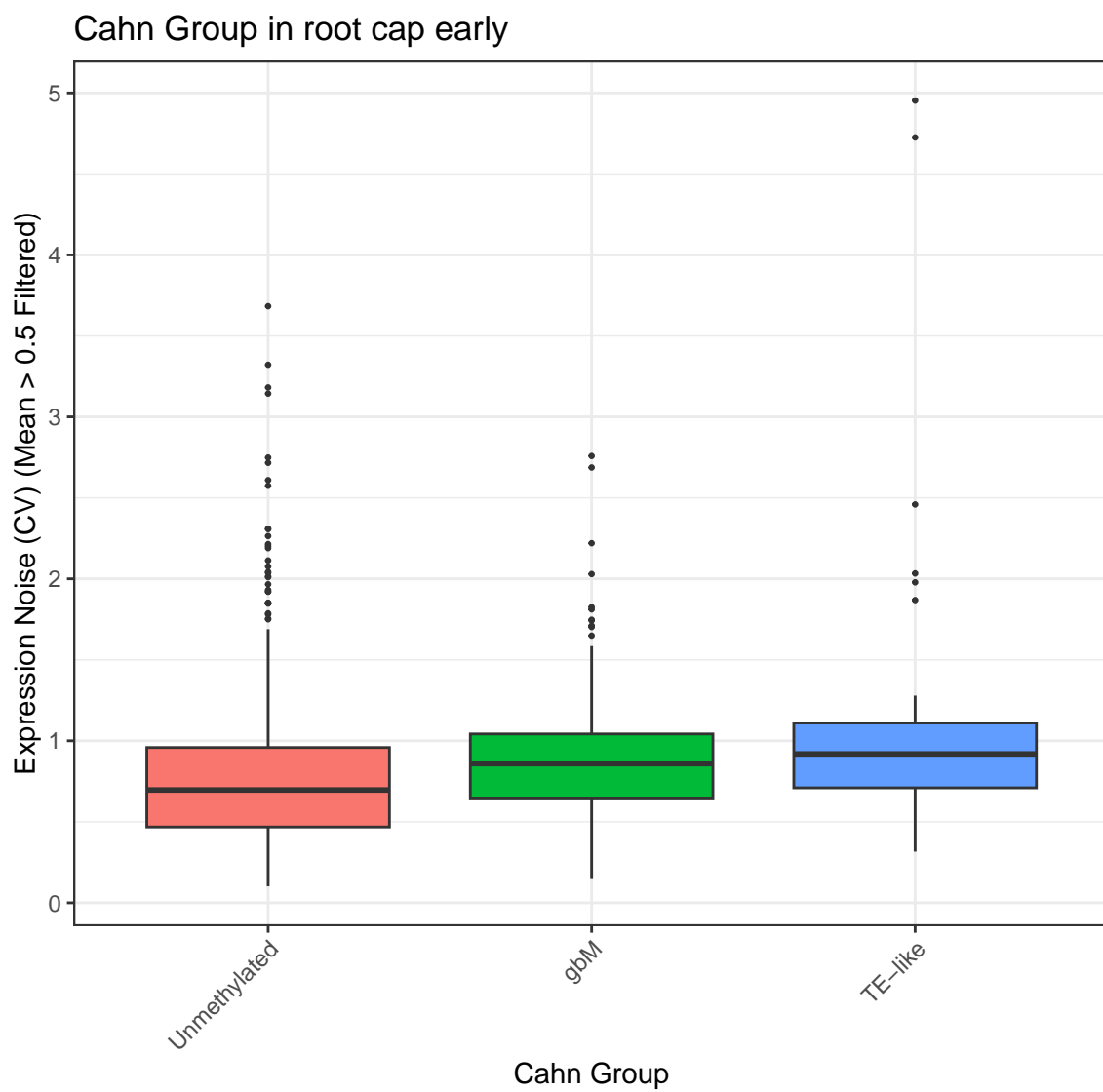
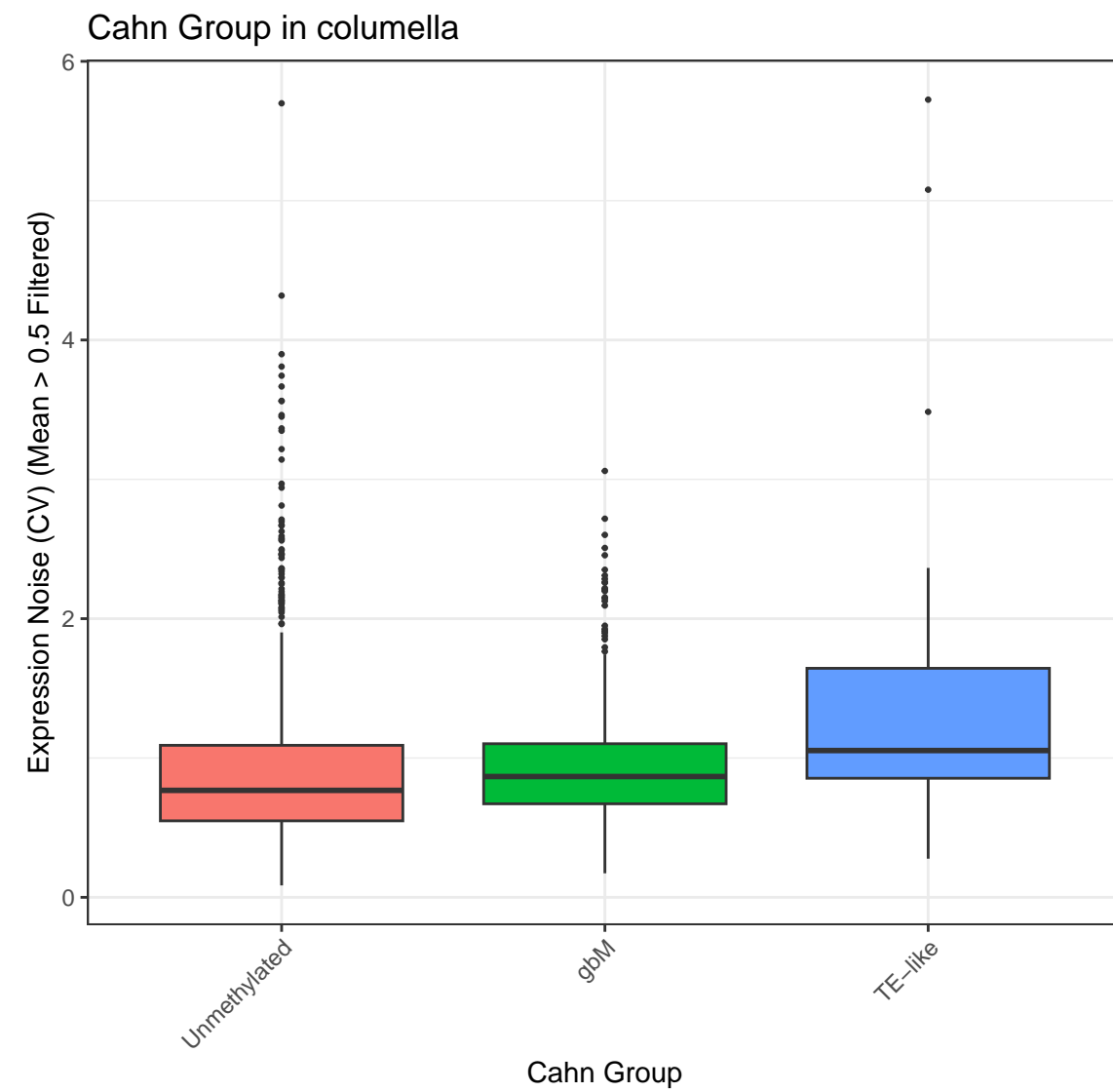
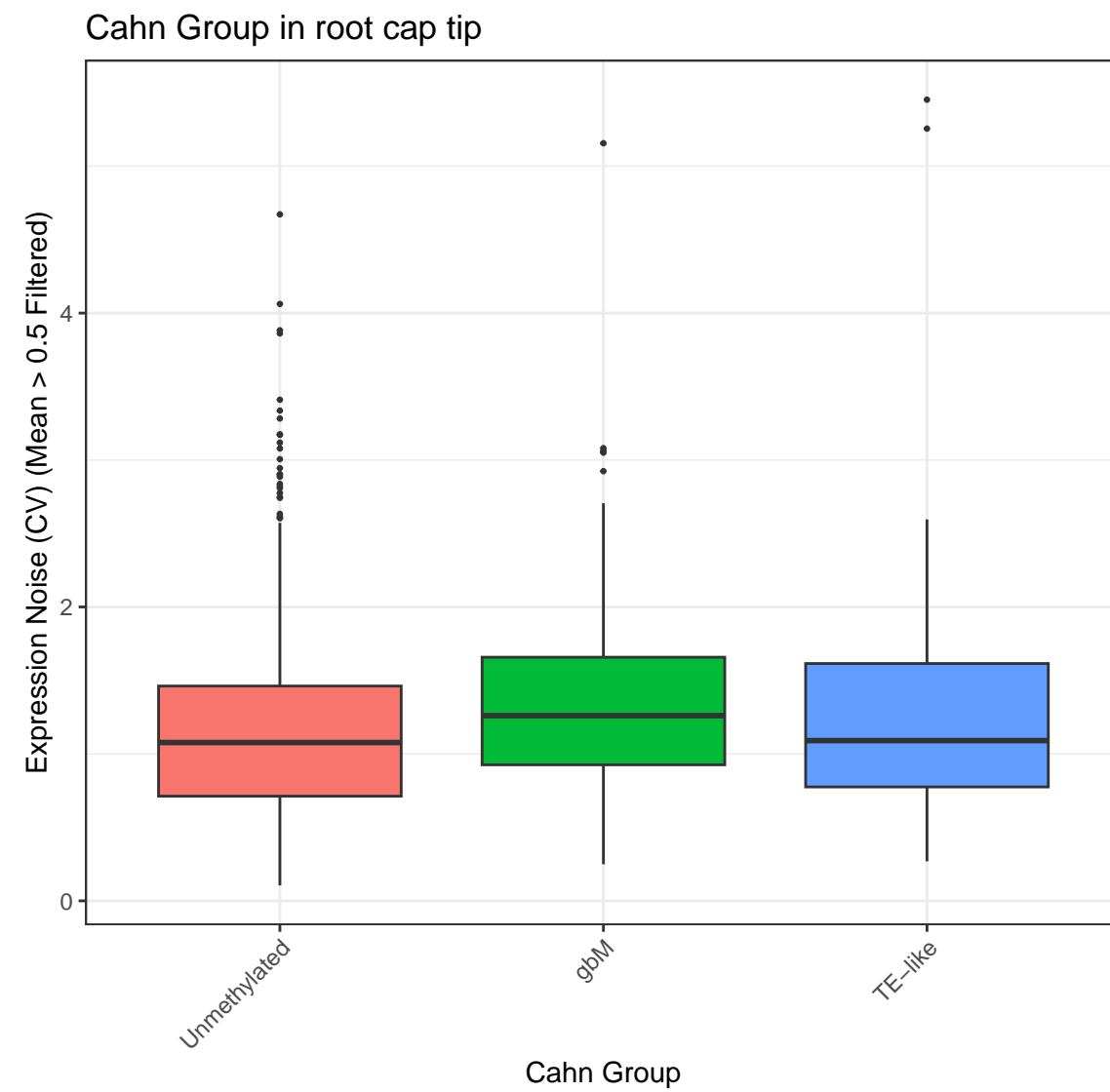
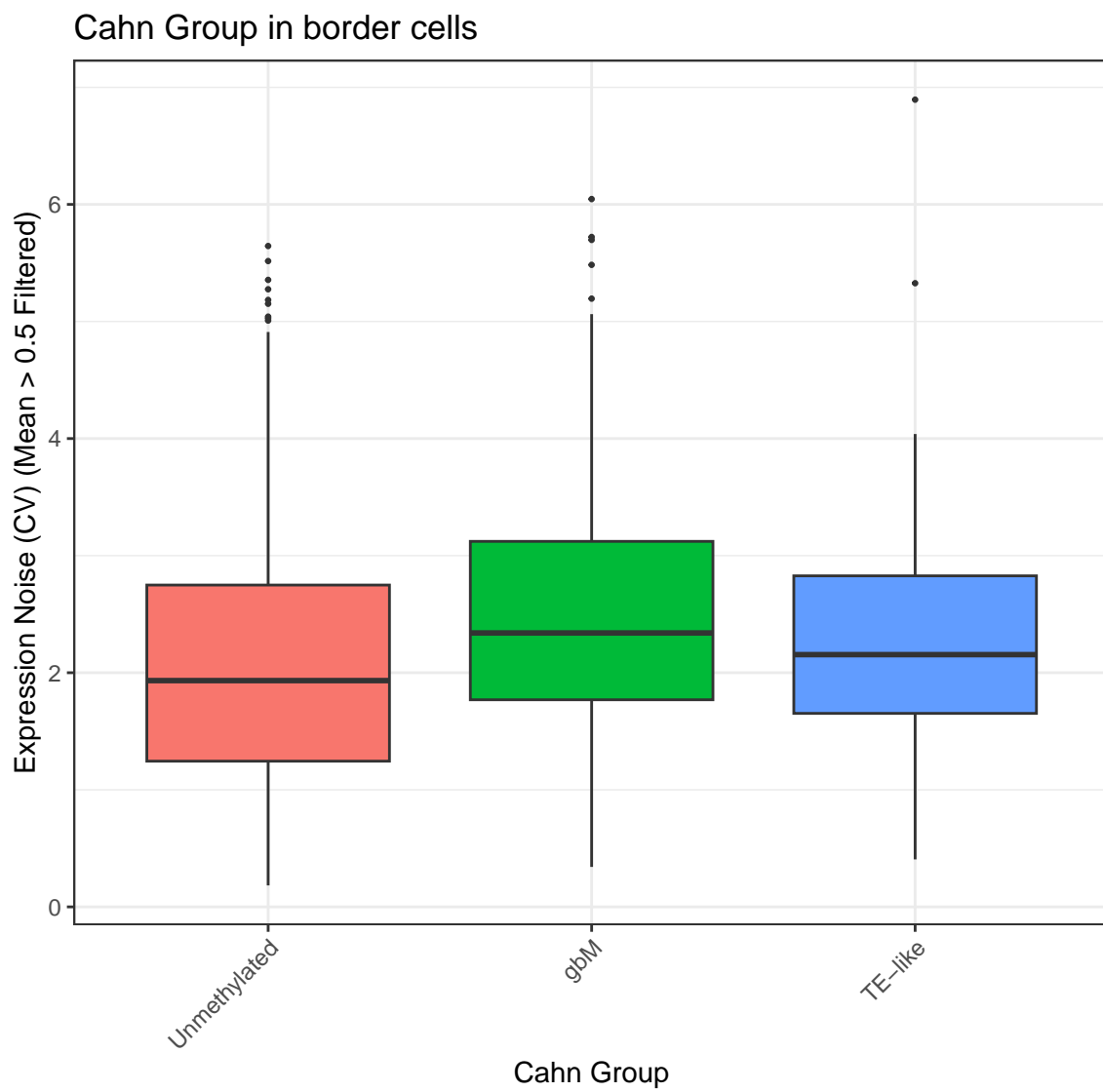
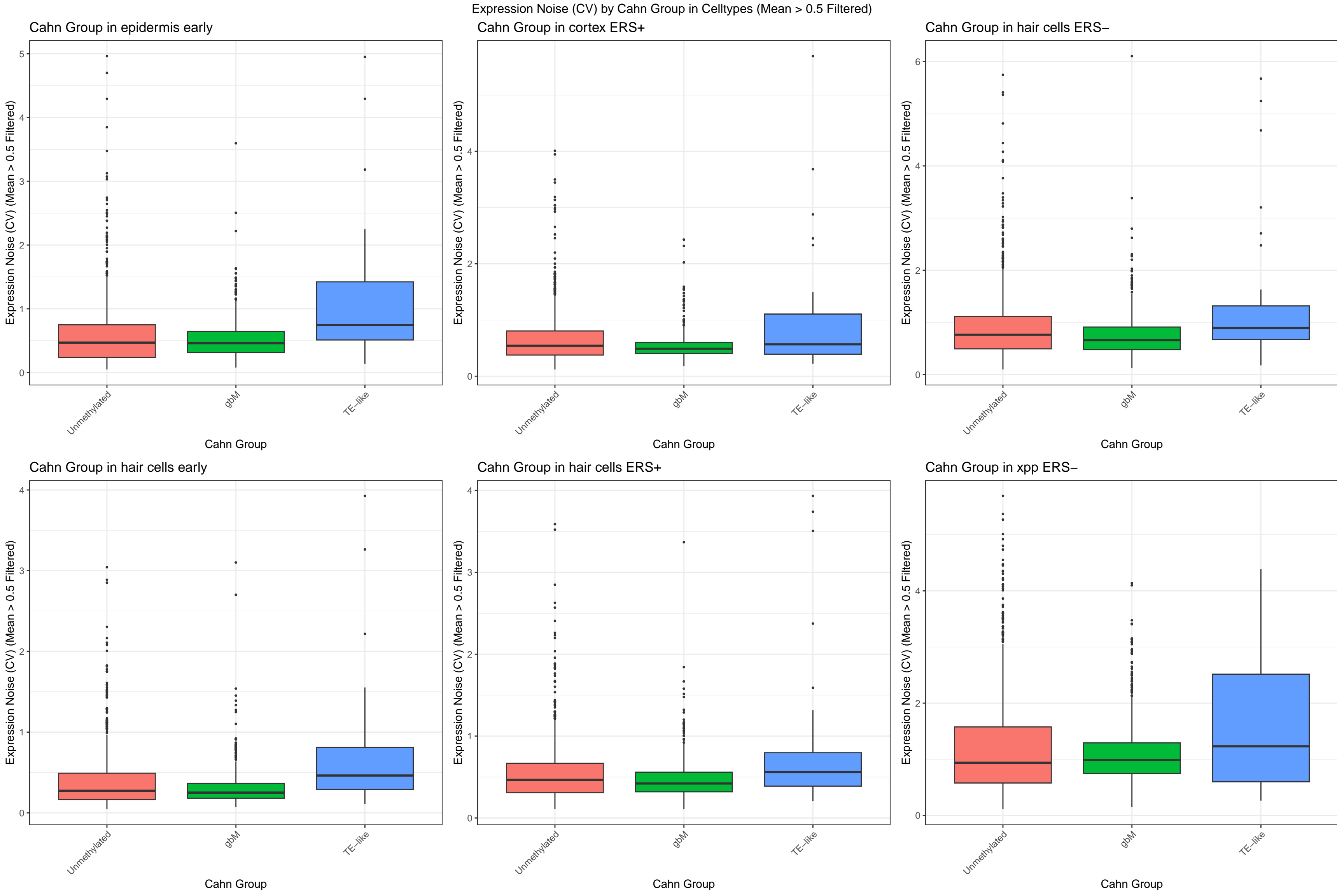


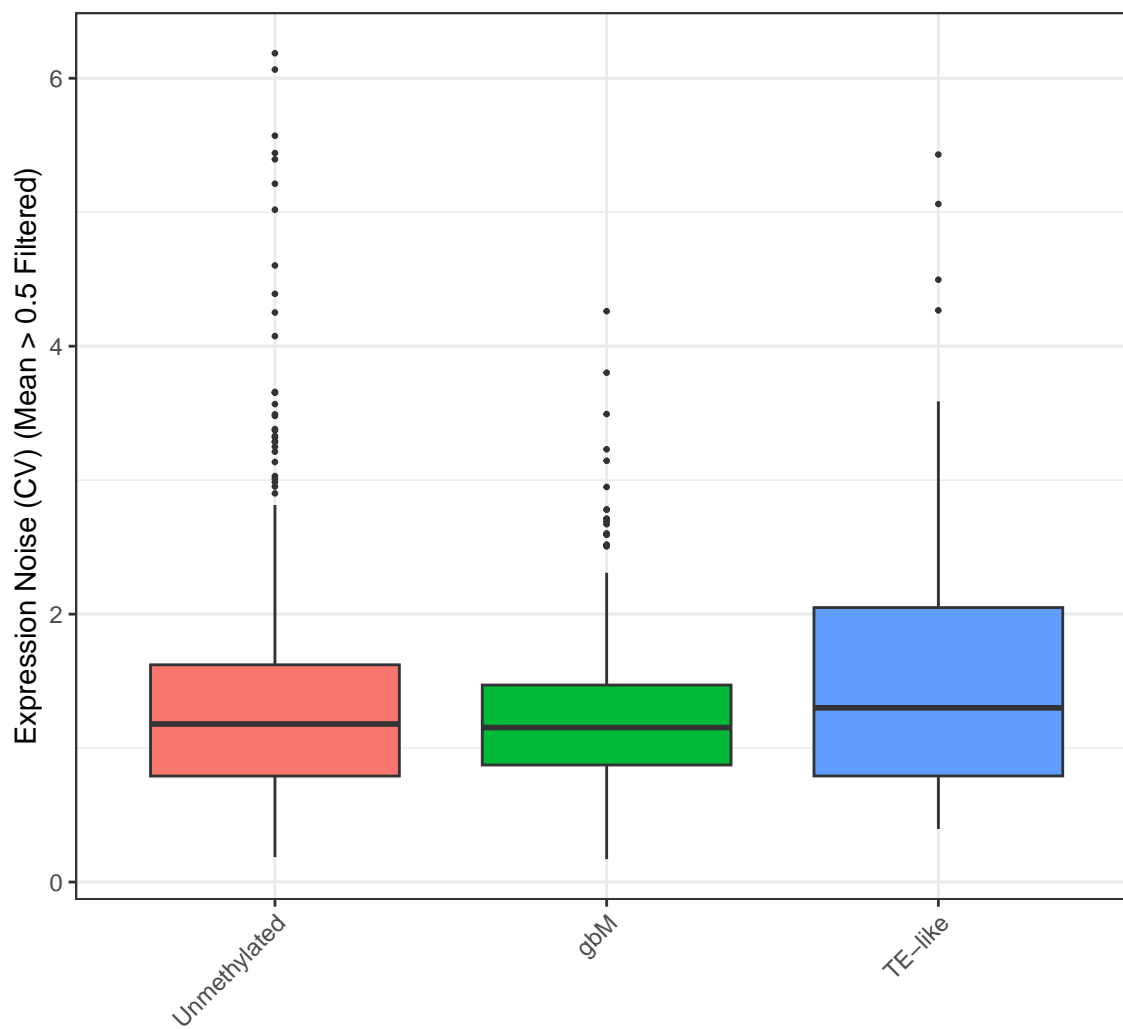


Expression Noise (CV) by Cahn Group in Celltypes (Mean > 0.5 Filtered)

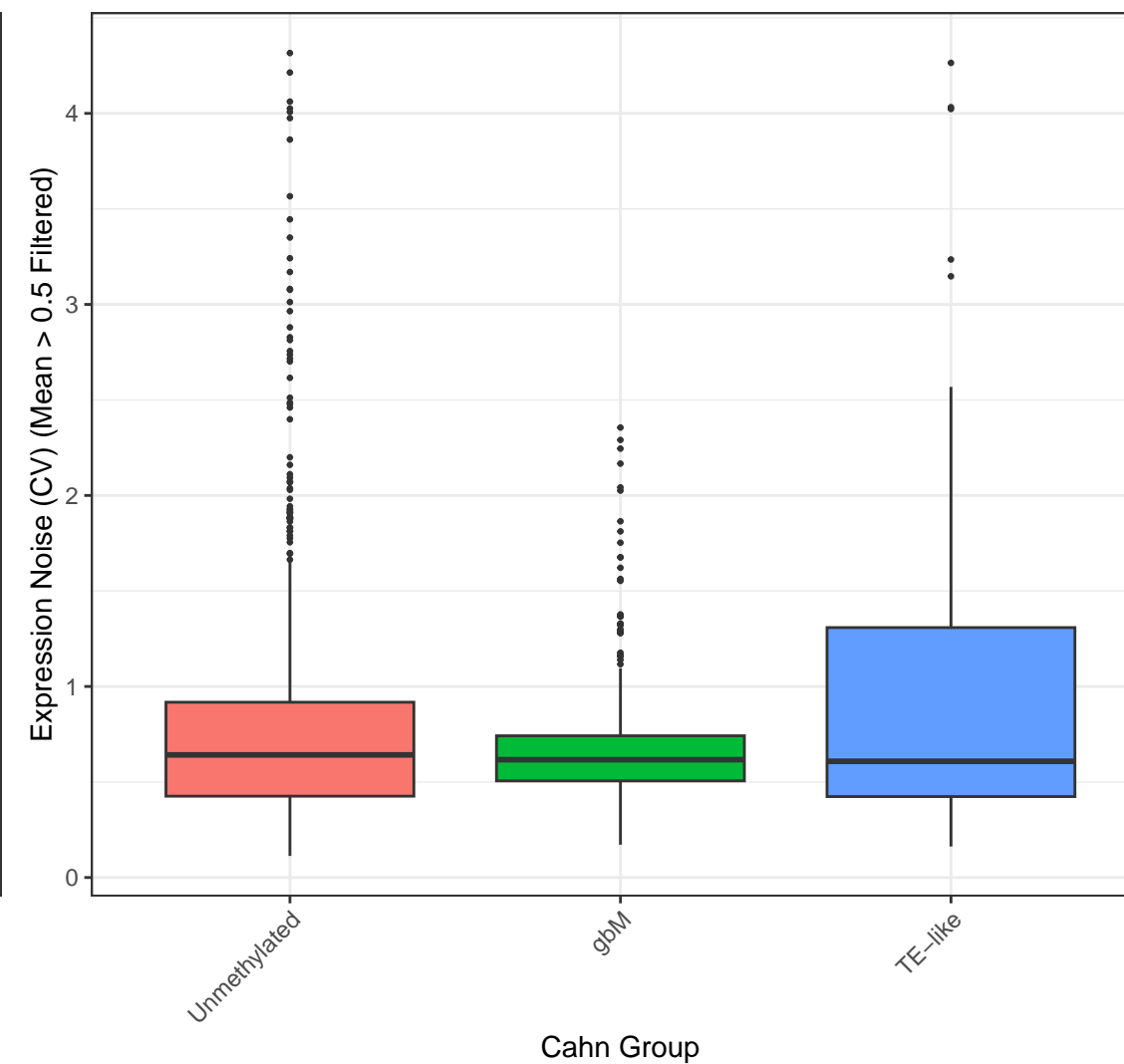




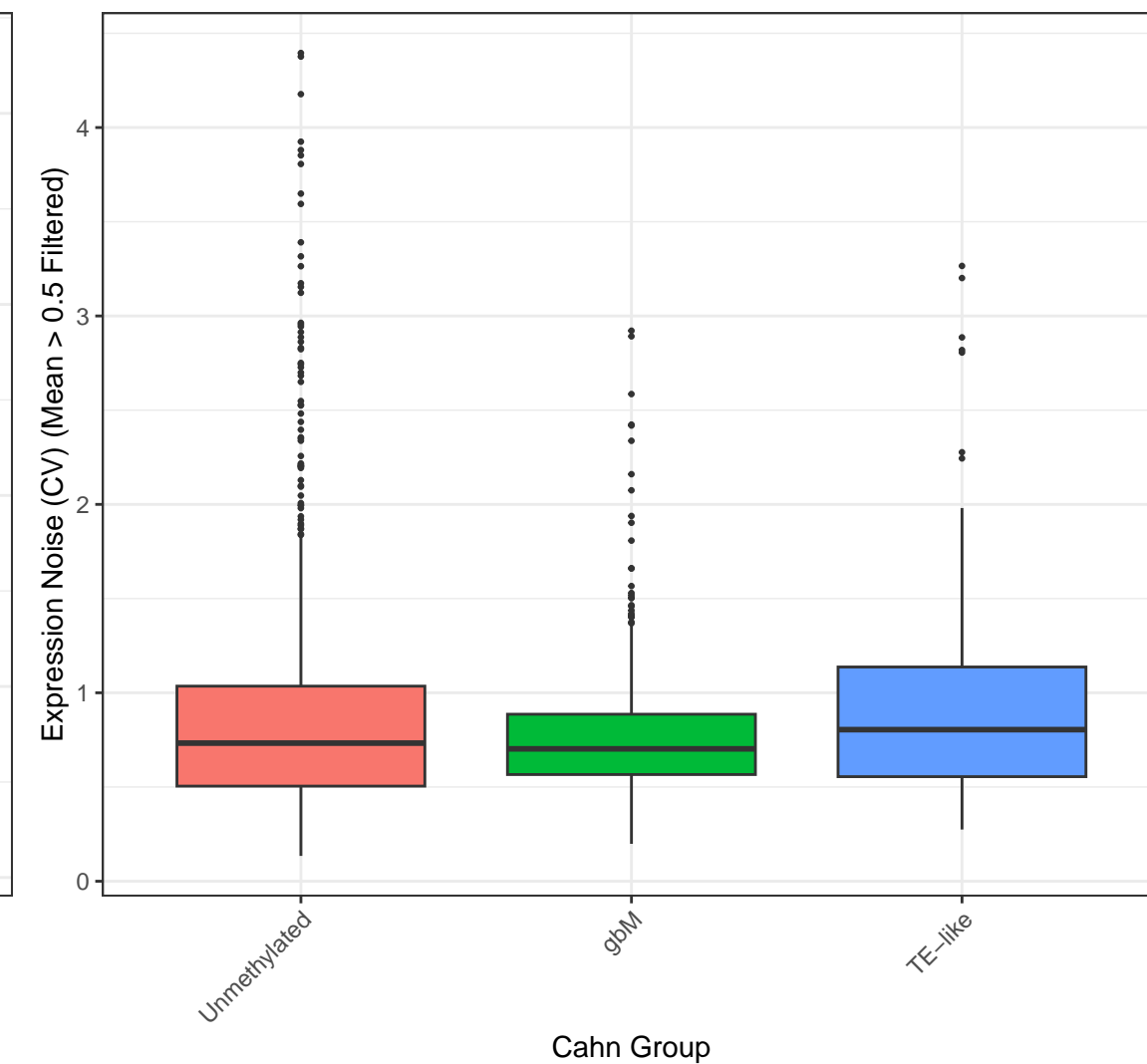
Cahn Group in cortex ERS–



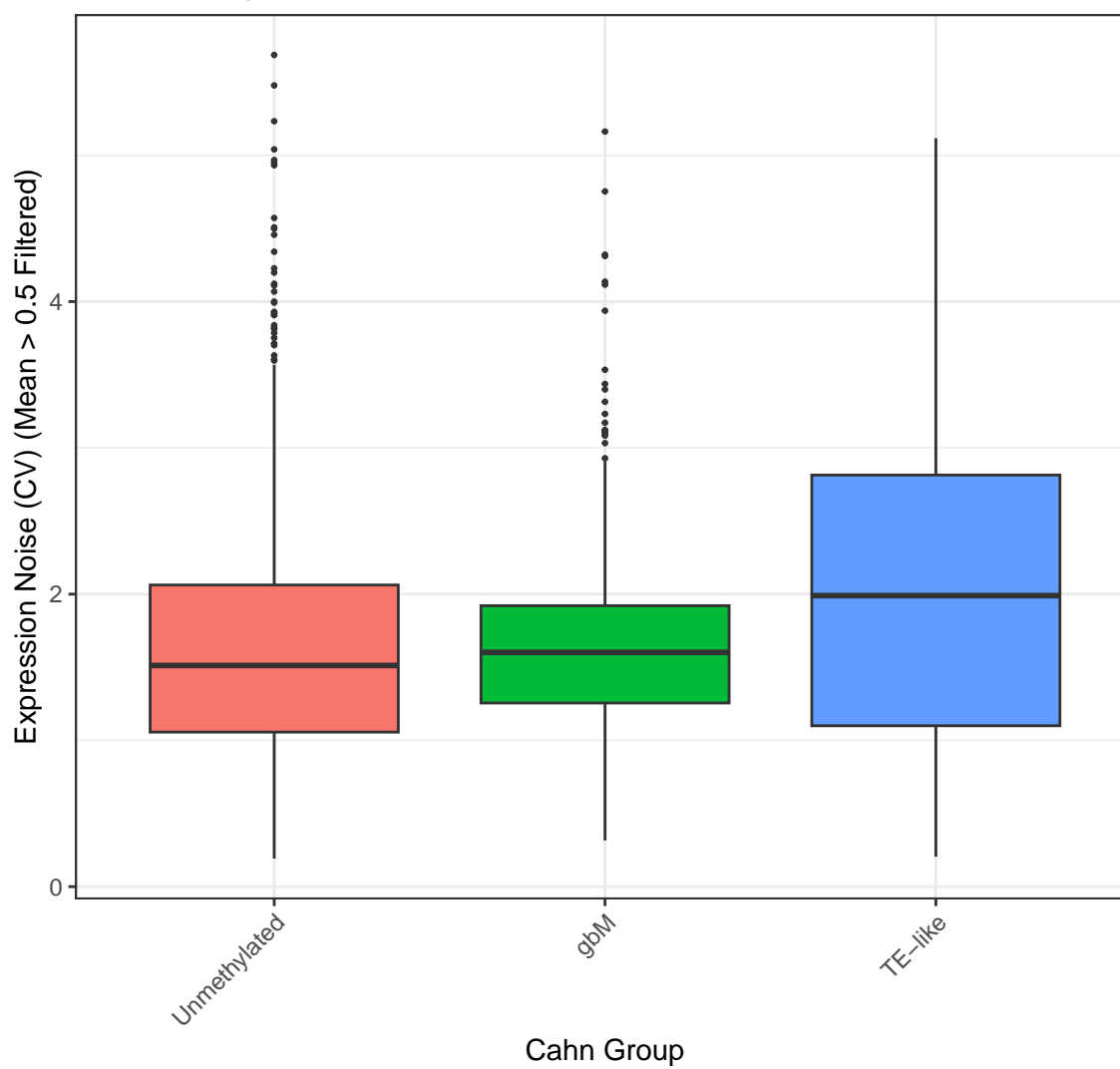
Cahn Group in endodermis ERS+



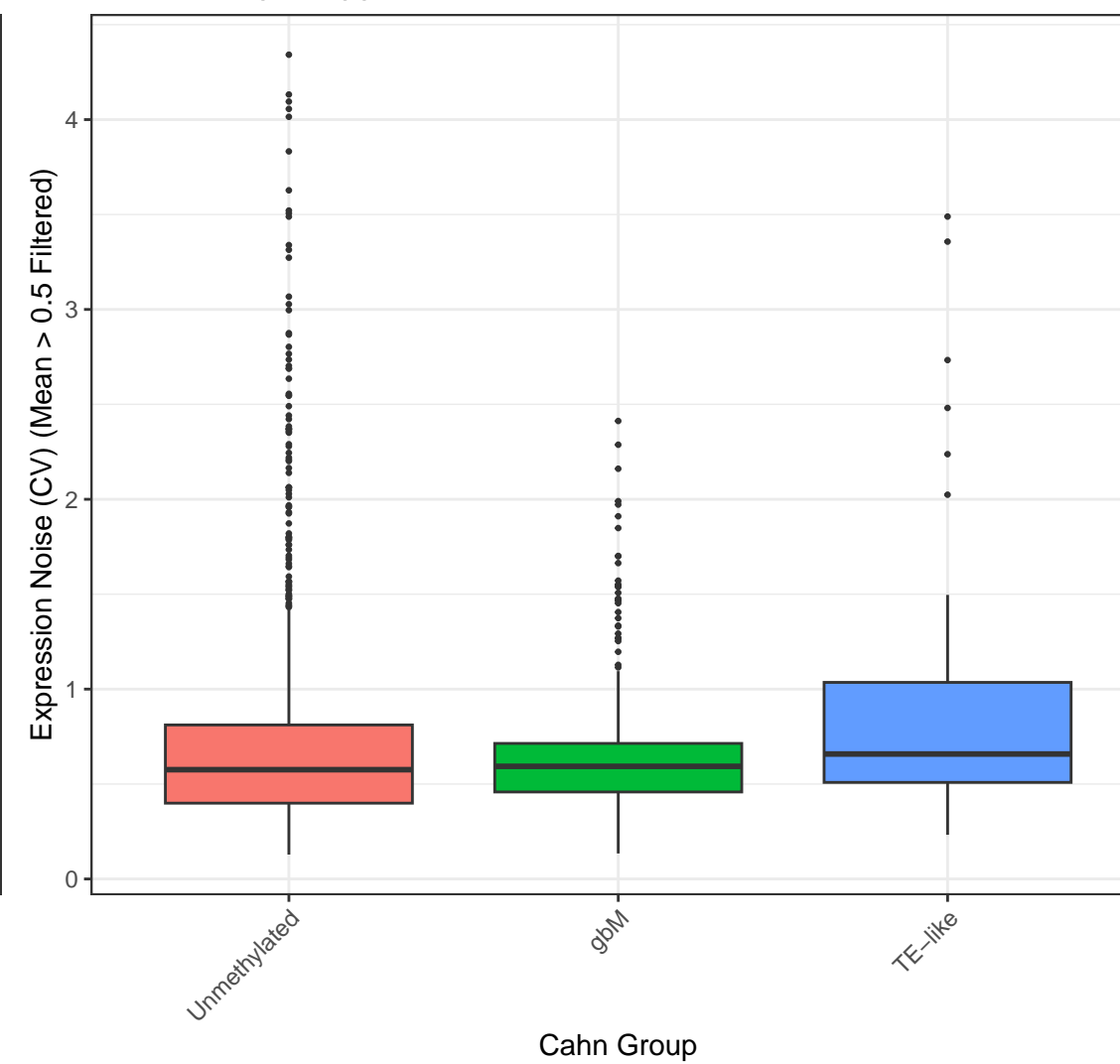
Cahn Group in ppp ERS+



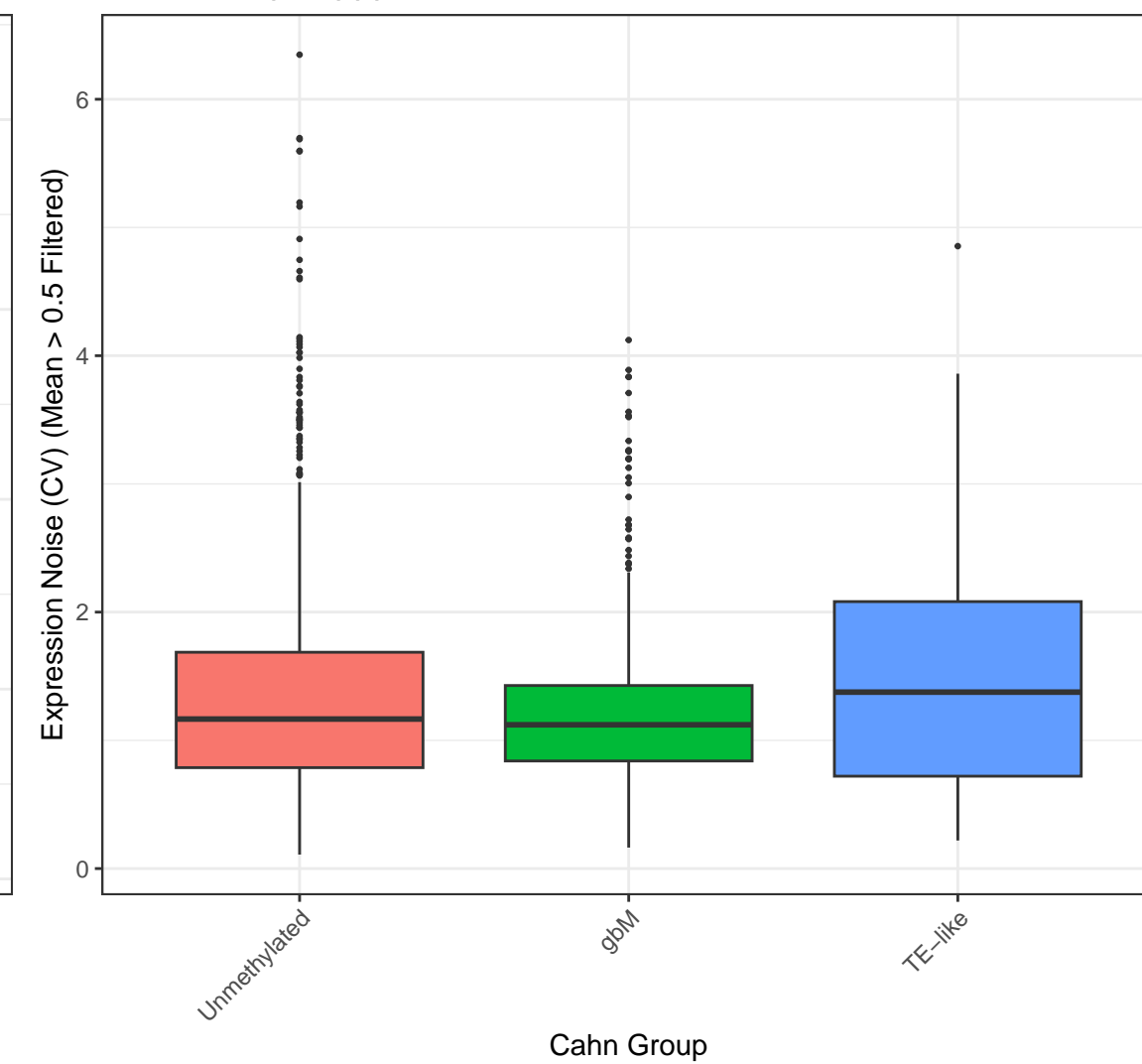
Cahn Group in endodermis ERS–

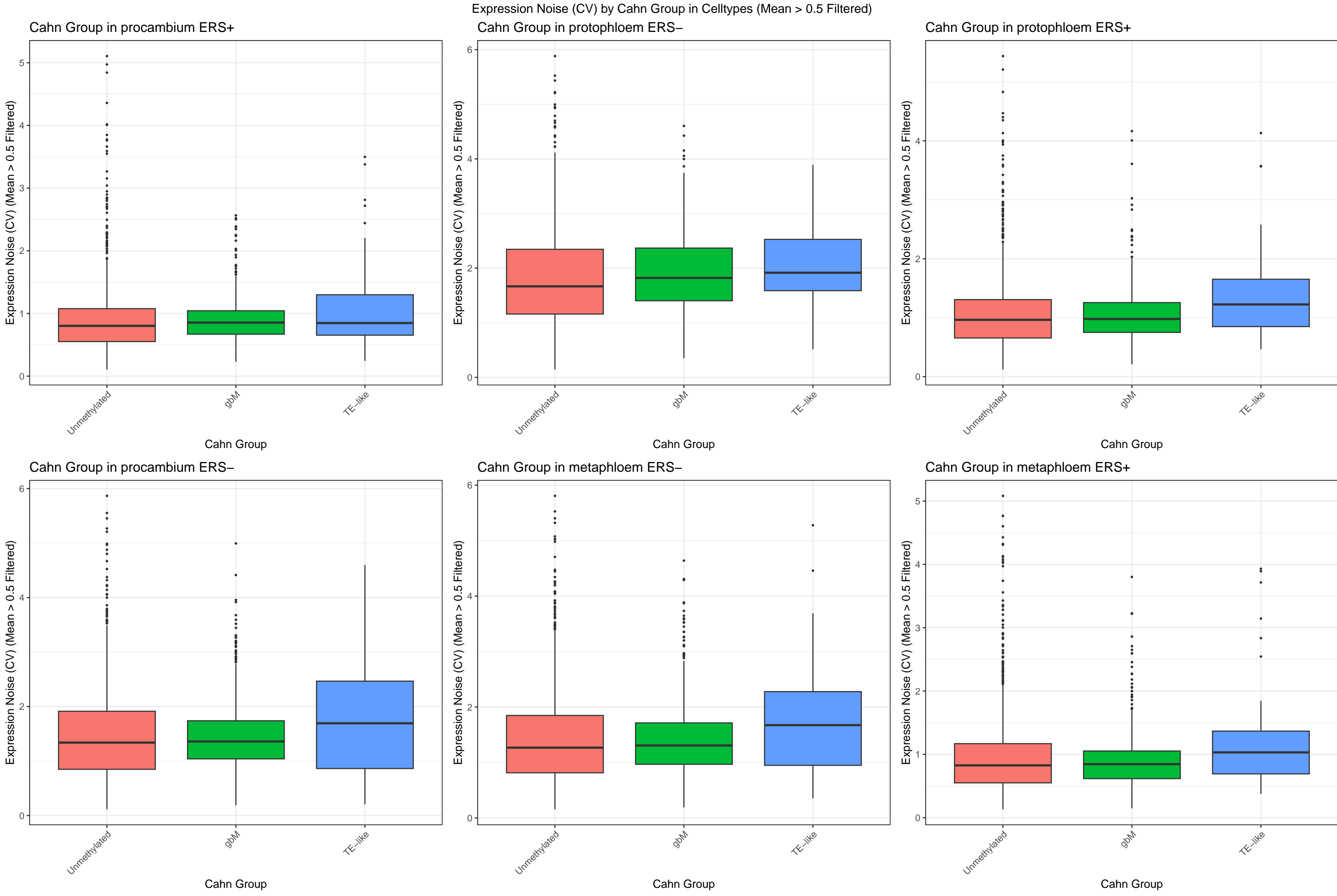


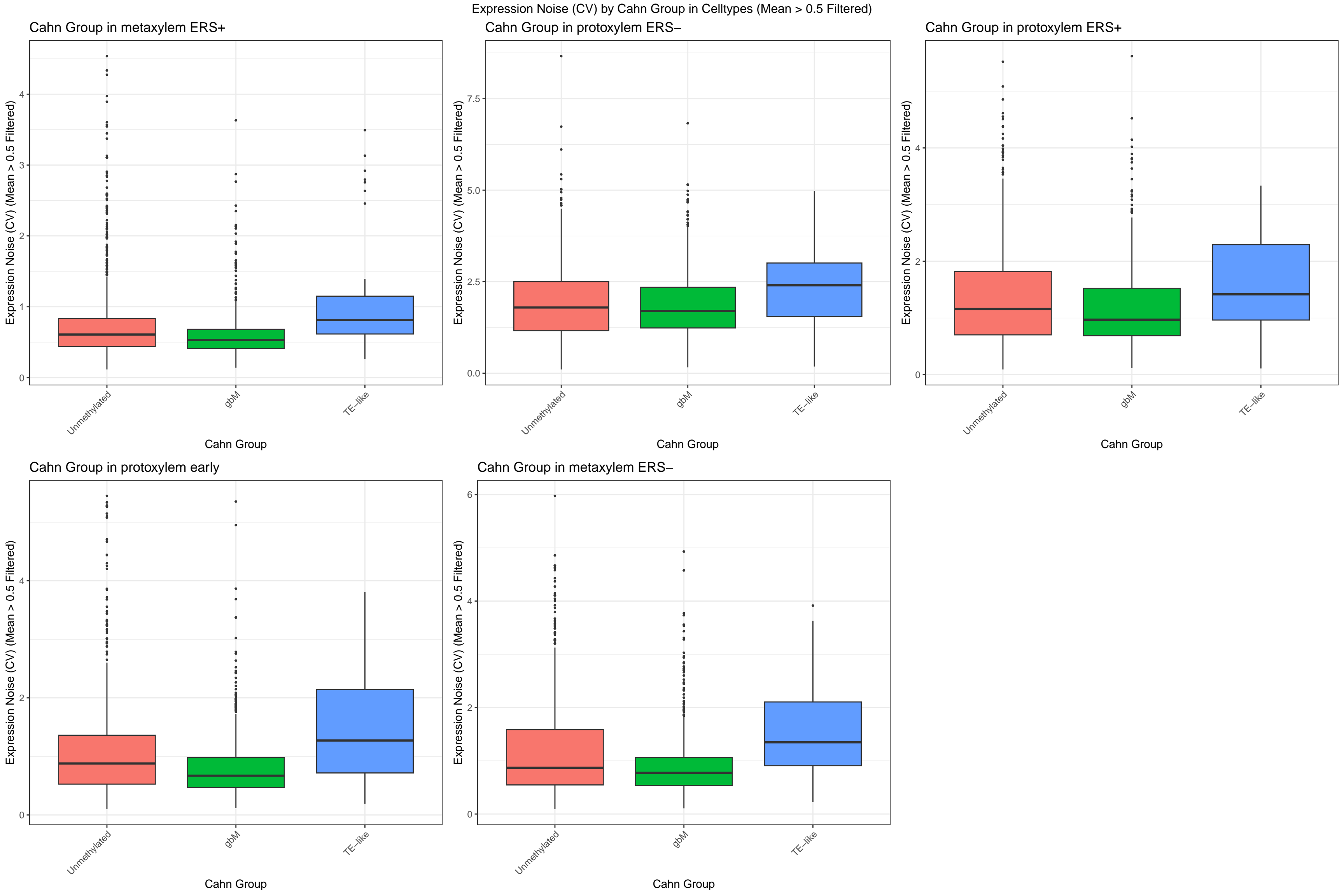
Cahn Group in xpp ERS+



Cahn Group in ppp ERS–







Statistical Comparisons for Expression Noise (CV) by Cahn Group in Celltypes (Mean > 0.5 Filtered)

Context	Filter_Tag	Specific_Context	Group_Type	Comparison	P_value_Formatted
CV Expr by Celltype	Mean > 0.5 Filtered	border cells	cahn_group	Overall (Kruskal–Wallis)	1.8745e−13
CV Expr by Celltype	Mean > 0.5 Filtered	border cells	cahn_group	gbM vs Unmethylated	2.0489e−14
CV Expr by Celltype	Mean > 0.5 Filtered	border cells	cahn_group	TE–like vs Unmethylated	2.0852e−01
CV Expr by Celltype	Mean > 0.5 Filtered	root cap early	cahn_group	Overall (Kruskal–Wallis)	3.8792e−14
CV Expr by Celltype	Mean > 0.5 Filtered	root cap early	cahn_group	gbM vs Unmethylated	1.8202e−13
CV Expr by Celltype	Mean > 0.5 Filtered	root cap early	cahn_group	TE–like vs Unmethylated	3.7826e−04
CV Expr by Celltype	Mean > 0.5 Filtered	root cap tip	cahn_group	Overall (Kruskal–Wallis)	3.9408e−09
CV Expr by Celltype	Mean > 0.5 Filtered	root cap tip	cahn_group	gbM vs Unmethylated	4.8925e−10
CV Expr by Celltype	Mean > 0.5 Filtered	root cap tip	cahn_group	TE–like vs Unmethylated	3.4556e−01
CV Expr by Celltype	Mean > 0.5 Filtered	root cap lateral	cahn_group	Overall (Kruskal–Wallis)	3.0616e−09
CV Expr by Celltype	Mean > 0.5 Filtered	root cap lateral	cahn_group	gbM vs Unmethylated	3.5862e−10
CV Expr by Celltype	Mean > 0.5 Filtered	root cap lateral	cahn_group	TE–like vs Unmethylated	4.3299e−01
CV Expr by Celltype	Mean > 0.5 Filtered	columella	cahn_group	Overall (Kruskal–Wallis)	2.6251e−07
CV Expr by Celltype	Mean > 0.5 Filtered	columella	cahn_group	gbM vs Unmethylated	9.0767e−05
CV Expr by Celltype	Mean > 0.5 Filtered	columella	cahn_group	TE–like vs Unmethylated	3.6244e−05
CV Expr by Celltype	Mean > 0.5 Filtered	non–hair cells	cahn_group	Overall (Kruskal–Wallis)	5.1732e−07
CV Expr by Celltype	Mean > 0.5 Filtered	non–hair cells	cahn_group	gbM vs Unmethylated	1.0203e−05
CV Expr by Celltype	Mean > 0.5 Filtered	non–hair cells	cahn_group	TE–like vs Unmethylated	1.2886e−02
CV Expr by Celltype	Mean > 0.5 Filtered	epidermis early	cahn_group	Overall (Kruskal–Wallis)	3.5383e−05
CV Expr by Celltype	Mean > 0.5 Filtered	epidermis early	cahn_group	gbM vs Unmethylated	8.6303e−01
CV Expr by Celltype	Mean > 0.5 Filtered	epidermis early	cahn_group	TE–like vs Unmethylated	1.6536e−05
CV Expr by Celltype	Mean > 0.5 Filtered	hair cells early	cahn_group	Overall (Kruskal–Wallis)	2.2639e−06
CV Expr by Celltype	Mean > 0.5 Filtered	hair cells early	cahn_group	gbM vs Unmethylated	1.3325e−02
CV Expr by Celltype	Mean > 0.5 Filtered	hair cells early	cahn_group	TE–like vs Unmethylated	7.1057e−05
CV Expr by Celltype	Mean > 0.5 Filtered	cortex ERS+	cahn_group	Overall (Kruskal–Wallis)	1.2818e−04
CV Expr by Celltype	Mean > 0.5 Filtered	cortex ERS+	cahn_group	gbM vs Unmethylated	5.3480e−05
CV Expr by Celltype	Mean > 0.5 Filtered	cortex ERS+	cahn_group	TE–like vs Unmethylated	3.0247e−01
CV Expr by Celltype	Mean > 0.5 Filtered	hair cells ERS+	cahn_group	Overall (Kruskal–Wallis)	8.7917e−04
CV Expr by Celltype	Mean > 0.5 Filtered	hair cells ERS+	cahn_group	gbM vs Unmethylated	6.6345e−03
CV Expr by Celltype	Mean > 0.5 Filtered	hair cells ERS+	cahn_group	TE–like vs Unmethylated	3.0624e−02

Statistical Comparisons for Expression Noise (CV) by Cahn Group in Celltypes (Mean > 0.5 Filtered)

Context	Filter_Tag	Specific_Context	Group_Type	Comparison	P_value_Formatted
CV Expr by Celltype	Mean > 0.5 Filtered	hair cells ERS−	cahn_group	Overall (Kruskal–Wallis)	8.0625e−06
CV Expr by Celltype	Mean > 0.5 Filtered	hair cells ERS−	cahn_group	gbM vs Unmethylated	4.2001e−05
CV Expr by Celltype	Mean > 0.5 Filtered	hair cells ERS−	cahn_group	TE–like vs Unmethylated	3.8756e−02
CV Expr by Celltype	Mean > 0.5 Filtered	xpp ERS−	cahn_group	Overall (Kruskal–Wallis)	9.0051e−02
CV Expr by Celltype	Mean > 0.5 Filtered	xpp ERS−	cahn_group	gbM vs Unmethylated	2.2813e−01
CV Expr by Celltype	Mean > 0.5 Filtered	xpp ERS−	cahn_group	TE–like vs Unmethylated	6.6054e−02
CV Expr by Celltype	Mean > 0.5 Filtered	cortex ERS−	cahn_group	Overall (Kruskal–Wallis)	1.7332e−01
CV Expr by Celltype	Mean > 0.5 Filtered	cortex ERS−	cahn_group	gbM vs Unmethylated	2.7264e−01
CV Expr by Celltype	Mean > 0.5 Filtered	cortex ERS−	cahn_group	TE–like vs Unmethylated	1.5299e−01
CV Expr by Celltype	Mean > 0.5 Filtered	endodermis ERS−	cahn_group	Overall (Kruskal–Wallis)	2.5353e−02
CV Expr by Celltype	Mean > 0.5 Filtered	endodermis ERS−	cahn_group	gbM vs Unmethylated	9.6738e−02
CV Expr by Celltype	Mean > 0.5 Filtered	endodermis ERS−	cahn_group	TE–like vs Unmethylated	2.7902e−02
CV Expr by Celltype	Mean > 0.5 Filtered	endodermis ERS+	cahn_group	Overall (Kruskal–Wallis)	1.5033e−01
CV Expr by Celltype	Mean > 0.5 Filtered	endodermis ERS+	cahn_group	gbM vs Unmethylated	8.0731e−02
CV Expr by Celltype	Mean > 0.5 Filtered	endodermis ERS+	cahn_group	TE–like vs Unmethylated	3.5910e−01
CV Expr by Celltype	Mean > 0.5 Filtered	xpp ERS+	cahn_group	Overall (Kruskal–Wallis)	9.6965e−02
CV Expr by Celltype	Mean > 0.5 Filtered	xpp ERS+	cahn_group	gbM vs Unmethylated	9.3916e−01
CV Expr by Celltype	Mean > 0.5 Filtered	xpp ERS+	cahn_group	TE–like vs Unmethylated	3.9072e−02
CV Expr by Celltype	Mean > 0.5 Filtered	ppp ERS+	cahn_group	Overall (Kruskal–Wallis)	1.1075e−01
CV Expr by Celltype	Mean > 0.5 Filtered	ppp ERS+	cahn_group	gbM vs Unmethylated	2.5127e−01
CV Expr by Celltype	Mean > 0.5 Filtered	ppp ERS+	cahn_group	TE–like vs Unmethylated	1.1920e−01
CV Expr by Celltype	Mean > 0.5 Filtered	ppp ERS−	cahn_group	Overall (Kruskal–Wallis)	3.9463e−02
CV Expr by Celltype	Mean > 0.5 Filtered	ppp ERS−	cahn_group	gbM vs Unmethylated	6.6450e−02
CV Expr by Celltype	Mean > 0.5 Filtered	ppp ERS−	cahn_group	TE–like vs Unmethylated	1.2899e−01
CV Expr by Celltype	Mean > 0.5 Filtered	procambium ERS+	cahn_group	Overall (Kruskal–Wallis)	2.8395e−02
CV Expr by Celltype	Mean > 0.5 Filtered	procambium ERS+	cahn_group	gbM vs Unmethylated	1.4935e−02
CV Expr by Celltype	Mean > 0.5 Filtered	procambium ERS+	cahn_group	TE–like vs Unmethylated	1.7206e−01
CV Expr by Celltype	Mean > 0.5 Filtered	procambium ERS−	cahn_group	Overall (Kruskal–Wallis)	1.0243e−01
CV Expr by Celltype	Mean > 0.5 Filtered	procambium ERS−	cahn_group	gbM vs Unmethylated	3.3865e−01
CV Expr by Celltype	Mean > 0.5 Filtered	procambium ERS−	cahn_group	TE–like vs Unmethylated	6.4350e−02



Statistical Comparisons for Expression Noise (CV) by Cahn Group in Celltypes (Mean > 0.5 Filtered)

Context	Filter_Tag	Specific_Context	Group_Type	Comparison	P_value_Formatted
CV Expr by Celltype	Mean > 0.5 Filtered	protophloem ERS−	cahn_group	Overall (Kruskal–Wallis)	6.3964e−04
CV Expr by Celltype	Mean > 0.5 Filtered	protophloem ERS−	cahn_group	gbM vs Unmethylated	6.5186e−04
CV Expr by Celltype	Mean > 0.5 Filtered	protophloem ERS−	cahn_group	TE–like vs Unmethylated	3.5911e−02
CV Expr by Celltype	Mean > 0.5 Filtered	metaphloem ERS−	cahn_group	Overall (Kruskal–Wallis)	5.3886e−02
CV Expr by Celltype	Mean > 0.5 Filtered	metaphloem ERS−	cahn_group	gbM vs Unmethylated	4.9551e−01
CV Expr by Celltype	Mean > 0.5 Filtered	metaphloem ERS−	cahn_group	TE–like vs Unmethylated	2.4993e−02
CV Expr by Celltype	Mean > 0.5 Filtered	protophloem ERS+	cahn_group	Overall (Kruskal–Wallis)	2.1648e−02
CV Expr by Celltype	Mean > 0.5 Filtered	protophloem ERS+	cahn_group	gbM vs Unmethylated	3.0269e−01
CV Expr by Celltype	Mean > 0.5 Filtered	protophloem ERS+	cahn_group	TE–like vs Unmethylated	9.7892e−03
CV Expr by Celltype	Mean > 0.5 Filtered	metaphloem ERS+	cahn_group	Overall (Kruskal–Wallis)	4.5222e−02
CV Expr by Celltype	Mean > 0.5 Filtered	metaphloem ERS+	cahn_group	gbM vs Unmethylated	9.8315e−01
CV Expr by Celltype	Mean > 0.5 Filtered	metaphloem ERS+	cahn_group	TE–like vs Unmethylated	1.8549e−02
CV Expr by Celltype	Mean > 0.5 Filtered	metaxylem ERS+	cahn_group	Overall (Kruskal–Wallis)	2.6382e−10
CV Expr by Celltype	Mean > 0.5 Filtered	metaxylem ERS+	cahn_group	gbM vs Unmethylated	7.3911e−08
CV Expr by Celltype	Mean > 0.5 Filtered	metaxylem ERS+	cahn_group	TE–like vs Unmethylated	1.2030e−03
CV Expr by Celltype	Mean > 0.5 Filtered	protoxylem early	cahn_group	Overall (Kruskal–Wallis)	2.2650e−11
CV Expr by Celltype	Mean > 0.5 Filtered	protoxylem early	cahn_group	gbM vs Unmethylated	5.8294e−10
CV Expr by Celltype	Mean > 0.5 Filtered	protoxylem early	cahn_group	TE–like vs Unmethylated	6.3423e−03
CV Expr by Celltype	Mean > 0.5 Filtered	protoxylem ERS−	cahn_group	Overall (Kruskal–Wallis)	3.0614e−02
CV Expr by Celltype	Mean > 0.5 Filtered	protoxylem ERS−	cahn_group	gbM vs Unmethylated	6.1949e−01
CV Expr by Celltype	Mean > 0.5 Filtered	protoxylem ERS−	cahn_group	TE–like vs Unmethylated	1.2685e−02
CV Expr by Celltype	Mean > 0.5 Filtered	metaxylem ERS−	cahn_group	Overall (Kruskal–Wallis)	2.2205e−07
CV Expr by Celltype	Mean > 0.5 Filtered	metaxylem ERS−	cahn_group	gbM vs Unmethylated	2.4612e−05
CV Expr by Celltype	Mean > 0.5 Filtered	metaxylem ERS−	cahn_group	TE–like vs Unmethylated	3.6941e−03
CV Expr by Celltype	Mean > 0.5 Filtered	protoxylem ERS+	cahn_group	Overall (Kruskal–Wallis)	4.1407e−05
CV Expr by Celltype	Mean > 0.5 Filtered	protoxylem ERS+	cahn_group	gbM vs Unmethylated	3.6090e−04
CV Expr by Celltype	Mean > 0.5 Filtered	protoxylem ERS+	cahn_group	TE–like vs Unmethylated	2.3933e−02