











Statistical Comparisons for Expression Noise (CV) by Cahn Group in Celltypes (James Lloyd 20% Filtered)

Context	Filter_Tag	Specific_Context	Group_Type	Comparison	P_value_Formatted
CV Expr by Celltype	James Lloyd 20% Filtered	border cells	cahn_group	Overall (Kruskal–Wallis)	2.8782e−11
CV Expr by Celltype	James Lloyd 20% Filtered	border cells	cahn_group	gbM vs Unmethylated	9.7842e−10
CV Expr by Celltype	James Lloyd 20% Filtered	border cells	cahn_group	TE–like vs Unmethylated	2.0834e−05
CV Expr by Celltype	James Lloyd 20% Filtered	root cap early	cahn_group	Overall (Kruskal–Wallis)	5.2466e−71
CV Expr by Celltype	James Lloyd 20% Filtered	root cap early	cahn_group	gbM vs Unmethylated	2.5152e−42
CV Expr by Celltype	James Lloyd 20% Filtered	root cap early	cahn_group	TE–like vs Unmethylated	1.4410e−15
CV Expr by Celltype	James Lloyd 20% Filtered	root cap tip	cahn_group	Overall (Kruskal–Wallis)	1.2888e−23
CV Expr by Celltype	James Lloyd 20% Filtered	root cap tip	cahn_group	gbM vs Unmethylated	1.8821e−11
CV Expr by Celltype	James Lloyd 20% Filtered	root cap tip	cahn_group	TE–like vs Unmethylated	5.3771e−09
CV Expr by Celltype	James Lloyd 20% Filtered	root cap lateral	cahn_group	Overall (Kruskal–Wallis)	2.4324e−20
CV Expr by Celltype	James Lloyd 20% Filtered	root cap lateral	cahn_group	gbM vs Unmethylated	3.0613e−06
CV Expr by Celltype	James Lloyd 20% Filtered	root cap lateral	cahn_group	TE–like vs Unmethylated	2.1584e−11
CV Expr by Celltype	James Lloyd 20% Filtered	columella	cahn_group	Overall (Kruskal–Wallis)	2.0319e−32
CV Expr by Celltype	James Lloyd 20% Filtered	columella	cahn_group	gbM vs Unmethylated	9.9905e−15
CV Expr by Celltype	James Lloyd 20% Filtered	columella	cahn_group	TE–like vs Unmethylated	5.0292e−12
CV Expr by Celltype	James Lloyd 20% Filtered	non–hair cells	cahn_group	Overall (Kruskal–Wallis)	1.0820e−74
CV Expr by Celltype	James Lloyd 20% Filtered	non–hair cells	cahn_group	gbM vs Unmethylated	2.6681e−48
CV Expr by Celltype	James Lloyd 20% Filtered	non–hair cells	cahn_group	TE–like vs Unmethylated	1.5130e−14
CV Expr by Celltype	James Lloyd 20% Filtered	epidermis early	cahn_group	Overall (Kruskal–Wallis)	7.1775e−175
CV Expr by Celltype	James Lloyd 20% Filtered	epidermis early	cahn_group	gbM vs Unmethylated	2.4438e−135
CV Expr by Celltype	James Lloyd 20% Filtered	epidermis early	cahn_group	TE–like vs Unmethylated	1.4947e−15
CV Expr by Celltype	James Lloyd 20% Filtered	hair cells early	cahn_group	Overall (Kruskal–Wallis)	6.2715e−120
CV Expr by Celltype	James Lloyd 20% Filtered	hair cells early	cahn_group	gbM vs Unmethylated	4.3180e−87
CV Expr by Celltype	James Lloyd 20% Filtered	hair cells early	cahn_group	TE–like vs Unmethylated	7.9299e−15
CV Expr by Celltype	James Lloyd 20% Filtered	cortex ERS+	cahn_group	Overall (Kruskal–Wallis)	1.6654e−45
CV Expr by Celltype	James Lloyd 20% Filtered	cortex ERS+	cahn_group	gbM vs Unmethylated	7.4846e−28
CV Expr by Celltype	James Lloyd 20% Filtered	cortex ERS+	cahn_group	TE–like vs Unmethylated	1.2214e−10
CV Expr by Celltype	James Lloyd 20% Filtered	hair cells ERS+	cahn_group	Overall (Kruskal–Wallis)	1.0164e−45
CV Expr by Celltype	James Lloyd 20% Filtered	hair cells ERS+	cahn_group	gbM vs Unmethylated	2.5205e−33
CV Expr by Celltype	James Lloyd 20% Filtered	hair cells ERS+	cahn_group	TE–like vs Unmethylated	1.3594e−06

Statistical Comparisons for Expression Noise (CV) by Cahn Group in Celltypes (James Lloyd 20% Filtered)

Context	Filter_Tag	Specific_Context	Group_Type	Comparison	P_value_Formatted
CV Expr by Celltype	James Lloyd 20% Filtered	hair cells ERS-	cahn_group	Overall (Kruskal-Wallis)	1.0469e-11
CV Expr by Celltype	James Lloyd 20% Filtered	hair cells ERS-	cahn_group	gbM vs Unmethylated	3.3039e-06
CV Expr by Celltype	James Lloyd 20% Filtered	hair cells ERS-	cahn_group	TE-like vs Unmethylated	3.9466e-05
CV Expr by Celltype	James Lloyd 20% Filtered	xpp ERS-	cahn_group	Overall (Kruskal-Wallis)	6.7710e-33
CV Expr by Celltype	James Lloyd 20% Filtered	xpp ERS-	cahn_group	gbM vs Unmethylated	7.9974e-18
CV Expr by Celltype	James Lloyd 20% Filtered	xpp ERS-	cahn_group	TE-like vs Unmethylated	8.4354e-10
CV Expr by Celltype	James Lloyd 20% Filtered	cortex ERS-	cahn_group	Overall (Kruskal-Wallis)	4.5292e-08
CV Expr by Celltype	James Lloyd 20% Filtered	cortex ERS-	cahn_group	gbM vs Unmethylated	6.3863e-02
CV Expr by Celltype	James Lloyd 20% Filtered	cortex ERS-	cahn_group	TE-like vs Unmethylated	5.0792e-08
CV Expr by Celltype	James Lloyd 20% Filtered	endodermis ERS-	cahn_group	Overall (Kruskal-Wallis)	1.9568e-13
CV Expr by Celltype	James Lloyd 20% Filtered	endodermis ERS-	cahn_group	gbM vs Unmethylated	1.3537e-03
CV Expr by Celltype	James Lloyd 20% Filtered	endodermis ERS-	cahn_group	TE-like vs Unmethylated	1.6959e-12
CV Expr by Celltype	James Lloyd 20% Filtered	endodermis ERS+	cahn_group	Overall (Kruskal-Wallis)	5.9053e-69
CV Expr by Celltype	James Lloyd 20% Filtered	endodermis ERS+	cahn_group	gbM vs Unmethylated	2.9600e-42
CV Expr by Celltype	James Lloyd 20% Filtered	endodermis ERS+	cahn_group	TE-like vs Unmethylated	5.3375e-15
CV Expr by Celltype	James Lloyd 20% Filtered	xpp ERS+	cahn_group	Overall (Kruskal-Wallis)	8.6598e-106
CV Expr by Celltype	James Lloyd 20% Filtered	xpp ERS+	cahn_group	gbM vs Unmethylated	3.3739e-73
CV Expr by Celltype	James Lloyd 20% Filtered	xpp ERS+	cahn_group	TE-like vs Unmethylated	9.5033e-16
CV Expr by Celltype	James Lloyd 20% Filtered	ppp ERS+	cahn_group	Overall (Kruskal-Wallis)	3.2333e-59
CV Expr by Celltype	James Lloyd 20% Filtered	ppp ERS+	cahn_group	gbM vs Unmethylated	3.0858e-38
CV Expr by Celltype	James Lloyd 20% Filtered	ppp ERS+	cahn_group	TE-like vs Unmethylated	1.1846e-11
CV Expr by Celltype	James Lloyd 20% Filtered	ppp ERS-	cahn_group	Overall (Kruskal-Wallis)	1.6475e-14
CV Expr by Celltype	James Lloyd 20% Filtered	ppp ERS-	cahn_group	gbM vs Unmethylated	5.3824e-05
CV Expr by Celltype	James Lloyd 20% Filtered	ppp ERS-	cahn_group	TE-like vs Unmethylated	3.5552e-08
CV Expr by Celltype	James Lloyd 20% Filtered	procambium ERS+	cahn_group	Overall (Kruskal-Wallis)	2.7086e-52
CV Expr by Celltype	James Lloyd 20% Filtered	procambium ERS+	cahn_group	gbM vs Unmethylated	1.1227e-29
CV Expr by Celltype	James Lloyd 20% Filtered	procambium ERS+	cahn_group	TE-like vs Unmethylated	1.3210e-13
CV Expr by Celltype	James Lloyd 20% Filtered	procambium ERS-	cahn_group	Overall (Kruskal-Wallis)	4.2992e-16
CV Expr by Celltype	James Lloyd 20% Filtered	procambium ERS-	cahn_group	gbM vs Unmethylated	1.0178e-03
CV Expr by Celltype	James Lloyd 20% Filtered	procambium ERS-	cahn_group	TE-like vs Unmethylated	8.0145e-11

Statistical Comparisons for Expression Noise (CV) by Cahn Group in Celltypes (James Lloyd 20% Filtered)

Context	Filter_Tag	Specific_Context	Group_Type	Comparison	P_value_Formatted
CV Expr by Celltype	James Lloyd 20% Filtered	protophloem ERS-	cahn_group	Overall (Kruskal-Wallis)	3.8467e-15
CV Expr by Celltype	James Lloyd 20% Filtered	protophloem ERS-	cahn_group	gbM vs Unmethylated	2.1175e-10
CV Expr by Celltype	James Lloyd 20% Filtered	protophloem ERS-	cahn_group	TE-like vs Unmethylated	2.9255e-09
CV Expr by Celltype	James Lloyd 20% Filtered	metaphloem ERS-	cahn_group	Overall (Kruskal-Wallis)	3.2897e-10
CV Expr by Celltype	James Lloyd 20% Filtered	metaphloem ERS-	cahn_group	gbM vs Unmethylated	2.5848e-01
CV Expr by Celltype	James Lloyd 20% Filtered	metaphloem ERS-	cahn_group	TE-like vs Unmethylated	6.2005e-09
CV Expr by Celltype	James Lloyd 20% Filtered	protophloem ERS+	cahn_group	Overall (Kruskal-Wallis)	9.7158e-12
CV Expr by Celltype	James Lloyd 20% Filtered	protophloem ERS+	cahn_group	gbM vs Unmethylated	1.3467e-03
CV Expr by Celltype	James Lloyd 20% Filtered	protophloem ERS+	cahn_group	TE-like vs Unmethylated	3.1311e-07
CV Expr by Celltype	James Lloyd 20% Filtered	metaphloem ERS+	cahn_group	Overall (Kruskal-Wallis)	1.3738e-44
CV Expr by Celltype	James Lloyd 20% Filtered	metaphloem ERS+	cahn_group	gbM vs Unmethylated	5.6613e-27
CV Expr by Celltype	James Lloyd 20% Filtered	metaphloem ERS+	cahn_group	TE-like vs Unmethylated	1.2151e-10
CV Expr by Celltype	James Lloyd 20% Filtered	metaxylem ERS+	cahn_group	Overall (Kruskal-Wallis)	3.3991e-71
CV Expr by Celltype	James Lloyd 20% Filtered	metaxylem ERS+	cahn_group	gbM vs Unmethylated	1.9164e-50
CV Expr by Celltype	James Lloyd 20% Filtered	metaxylem ERS+	cahn_group	TE-like vs Unmethylated	1.1426e-10
CV Expr by Celltype	James Lloyd 20% Filtered	protoxylem early	cahn_group	Overall (Kruskal-Wallis)	1.0257e-26
CV Expr by Celltype	James Lloyd 20% Filtered	protoxylem early	cahn_group	gbM vs Unmethylated	6.7348e-17
CV Expr by Celltype	James Lloyd 20% Filtered	protoxylem early	cahn_group	TE-like vs Unmethylated	5.6756e-07
CV Expr by Celltype	James Lloyd 20% Filtered	protoxylem ERS-	cahn_group	Overall (Kruskal-Wallis)	3.3450e-10
CV Expr by Celltype	James Lloyd 20% Filtered	protoxylem ERS-	cahn_group	gbM vs Unmethylated	7.2564e-10
CV Expr by Celltype	James Lloyd 20% Filtered	protoxylem ERS-	cahn_group	TE-like vs Unmethylated	8.4182e-04
CV Expr by Celltype	James Lloyd 20% Filtered	metaxylem ERS-	cahn_group	Overall (Kruskal-Wallis)	1.5380e-17
CV Expr by Celltype	James Lloyd 20% Filtered	metaxylem ERS-	cahn_group	gbM vs Unmethylated	8.7377e-09
CV Expr by Celltype	James Lloyd 20% Filtered	metaxylem ERS-	cahn_group	TE-like vs Unmethylated	3.0811e-07
CV Expr by Celltype	James Lloyd 20% Filtered	protoxylem ERS+	cahn_group	Overall (Kruskal-Wallis)	3.3200e-07
CV Expr by Celltype	James Lloyd 20% Filtered	protoxylem ERS+	cahn_group	gbM vs Unmethylated	8.8241e-01
CV Expr by Celltype	James Lloyd 20% Filtered	protoxylem ERS+	cahn_group	TE-like vs Unmethylated	2.9667e-07