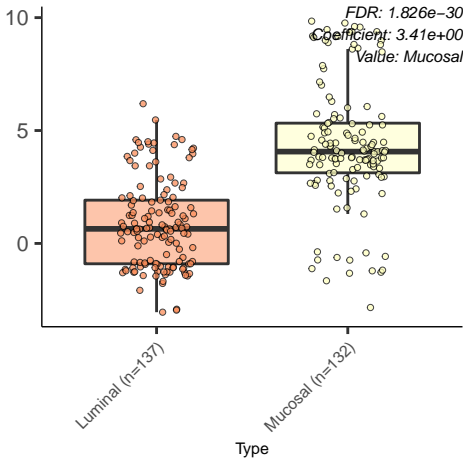
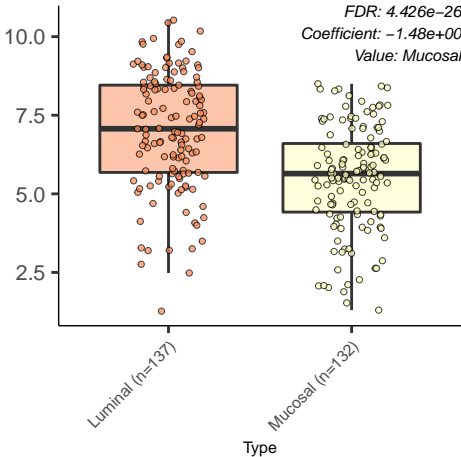


X4c8288bfd76958c0c094d87b97650f8

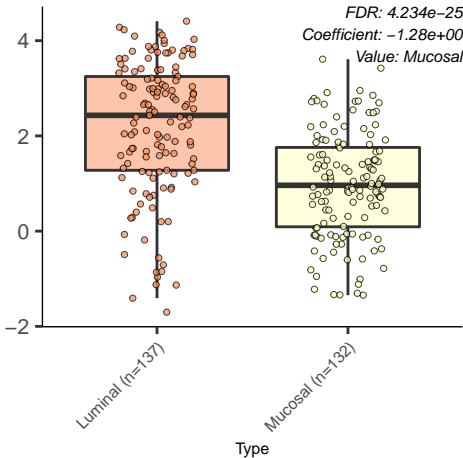


c42634f8d1aad4956aa9638465e86565

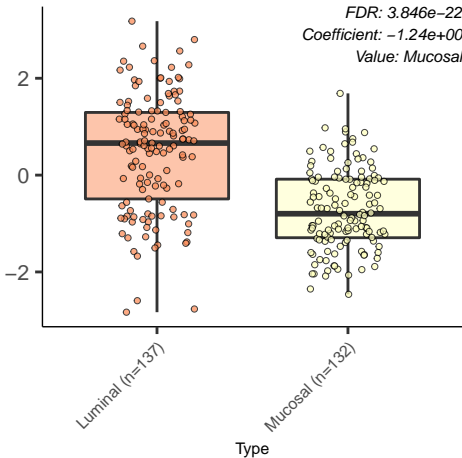
FDR: $4.426e-26$
Coefficient: $-1.48e+00$
Value: Mucosal



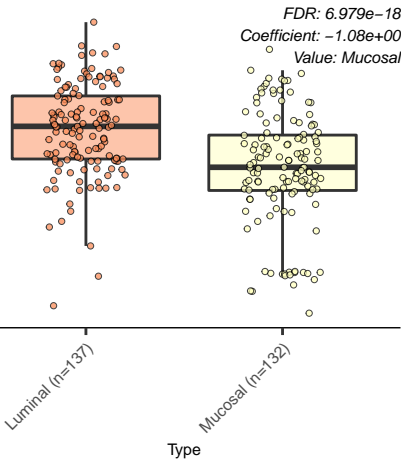
X3bfd5a2b1cf48b46d1e51628c3551fc



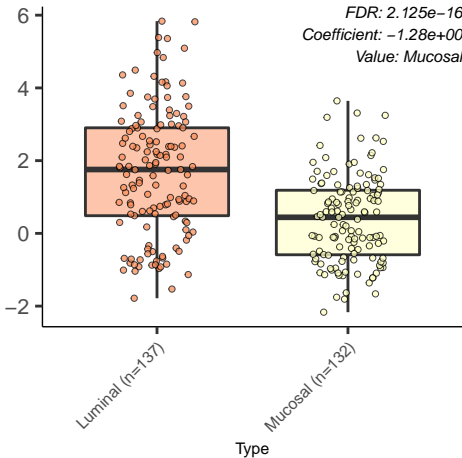
b3ef12a80d409025556c2fd4de5924438



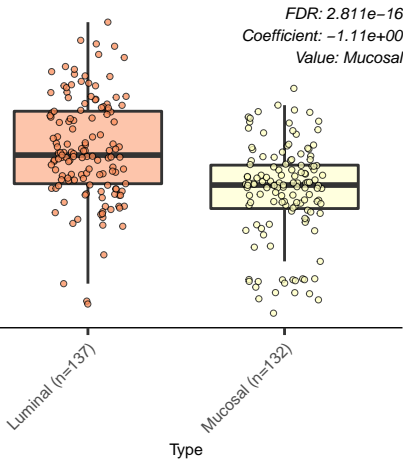
X759abfc82a4b189214d7e148d4aef180

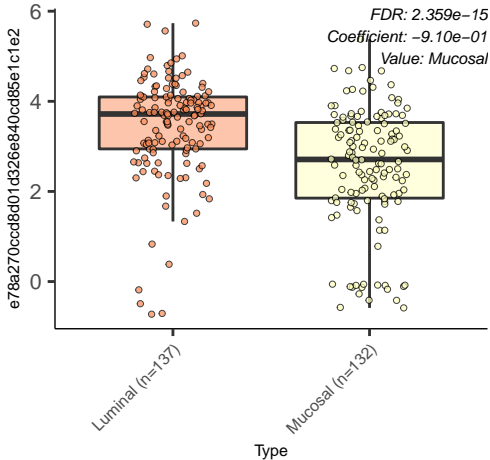


fc7e77e237e910e3f38dbb8e3c69c5bd

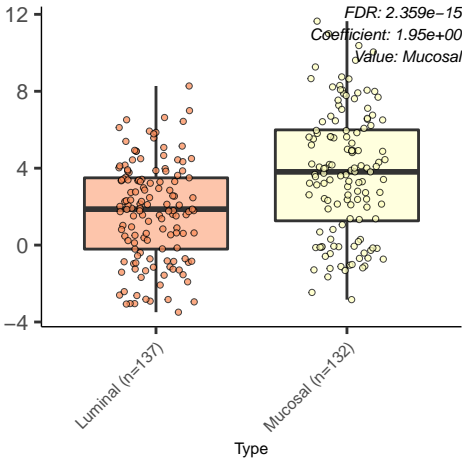


a93ecb34623d57ce5a83ac109551229b

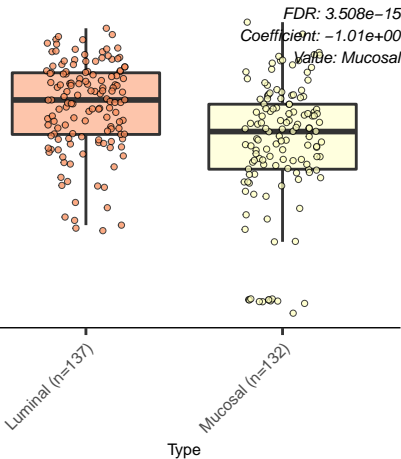




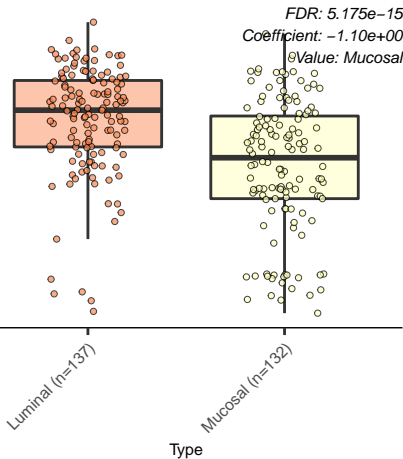
X6d5171bbc6ef97262119e6d152d82164



X7cd17d18c05e35c6001cc253ac15c517

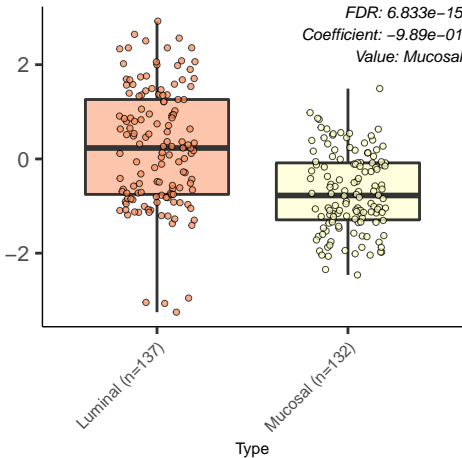


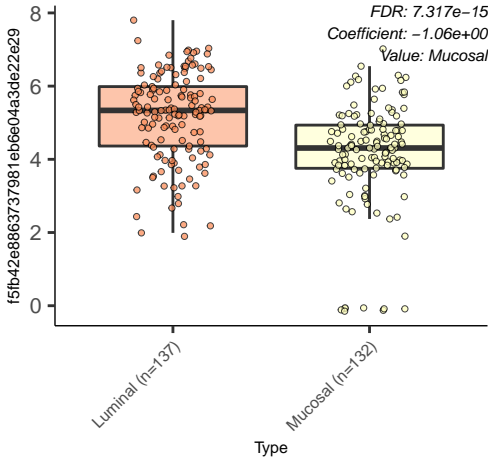
X44166d043ae4422d941e1e4c779151f8



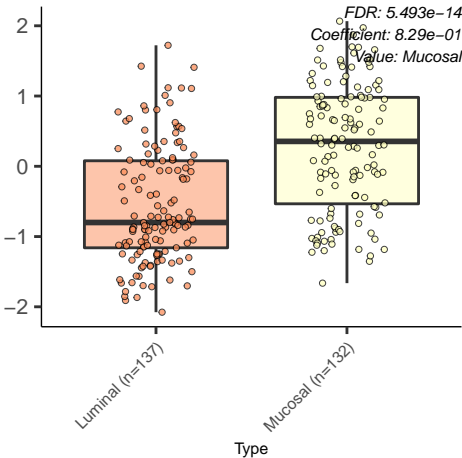
Type

X9bc2935704d00be01387e4b91d0ec358



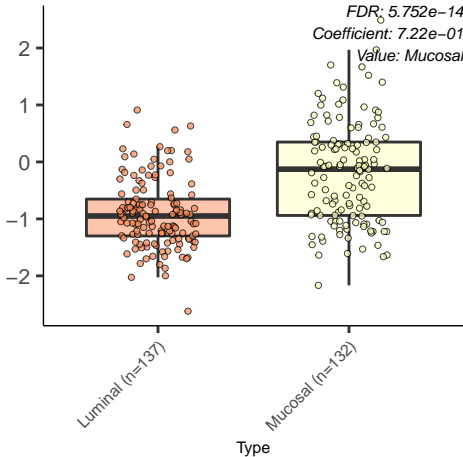


be50260bd56c9b191a9e0845fc908179

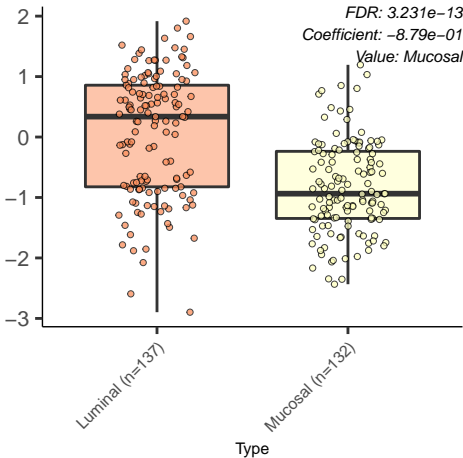


X17bccd87573679acdd1eda74fc49bde7

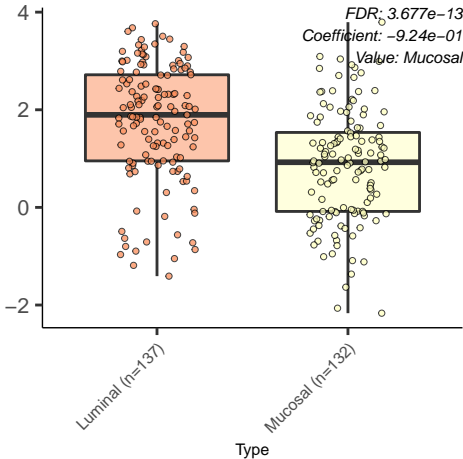
FDR: 5.752e-14
Coefficient: 7.22e-01
Value: Mucosal



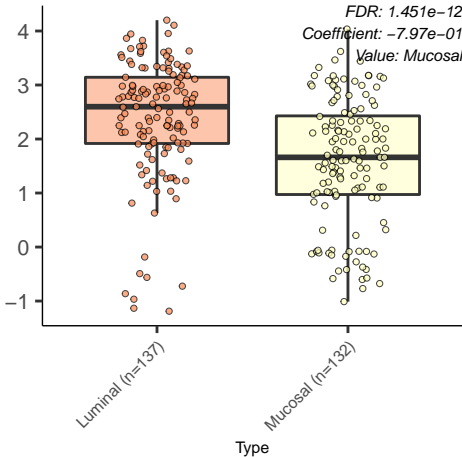
a30dd65fa0f17c9ffe88b70cc66d024b



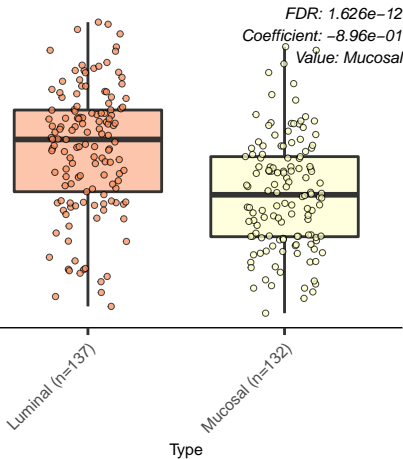
X21f3474eb0a2647e96181ab06ed9b764



f80a7e9c950f857ec31ac4d0cc9c6a03

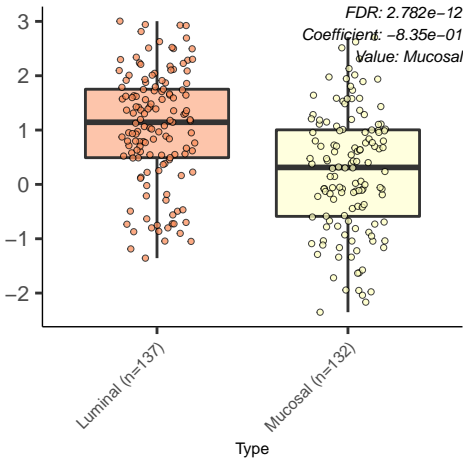


X8064a19ea488e28609ef25daab20653e



Type

X048a59d179f89089b6e3a2d50f389e94



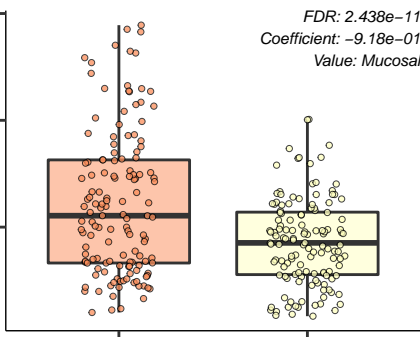
b3111baca54677926264de26b4a9bf7a

FDR: 2.438e-11
Coefficient: -9.18e-01
Value: Mucosal

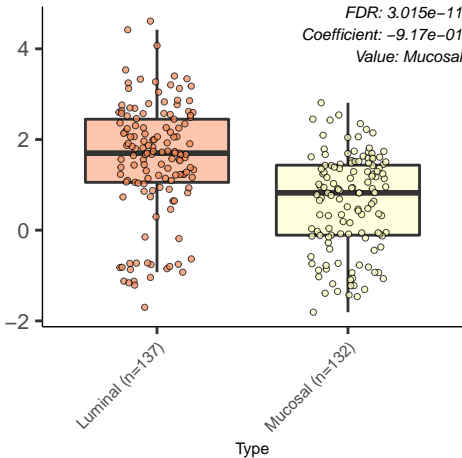
Luminal (n=137)

Mucosal (n=132)

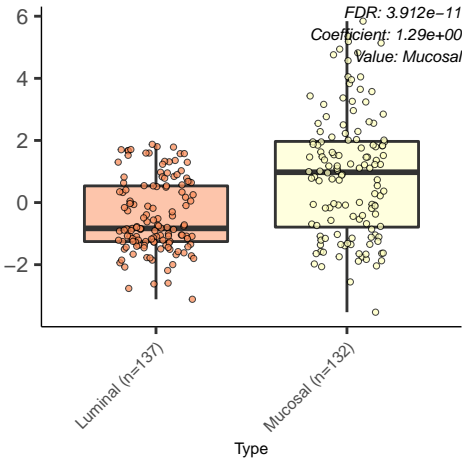
Type



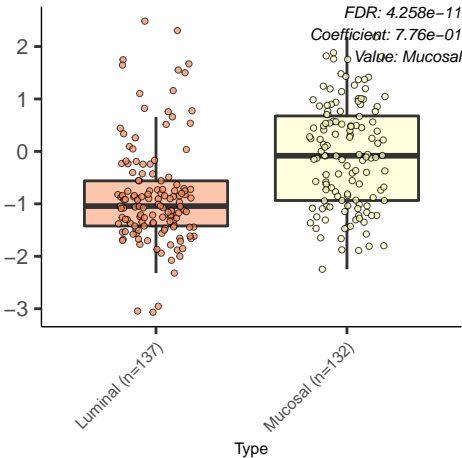
X691f2dbdac94ad2f7e2486ab73a772af



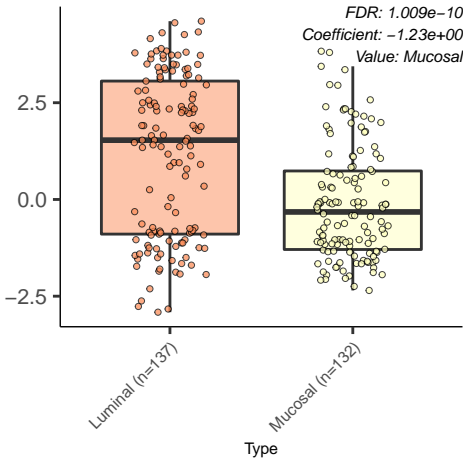
X028e2c1b650e2e2b5847154a153e0166



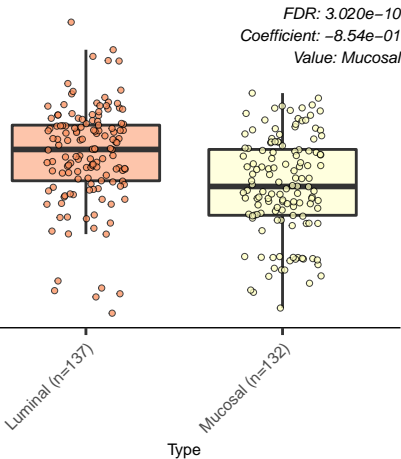
X8f139f903db65b737165fab17b843584



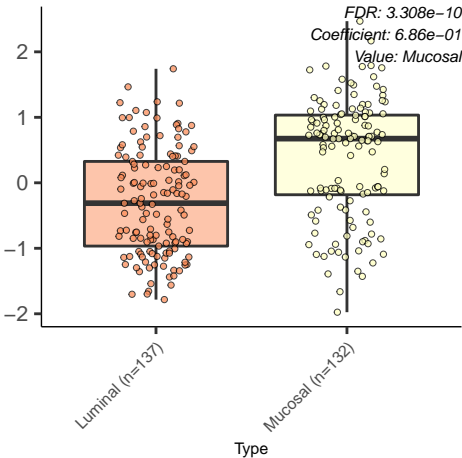
X519f2ac102ab656f78b0dcd72cb9f586a



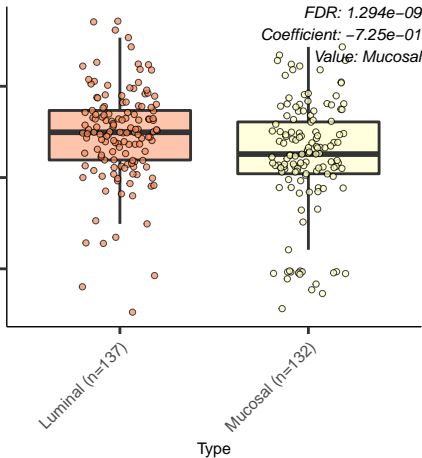
X65553cd263bb61cf36d1a75d750952f3

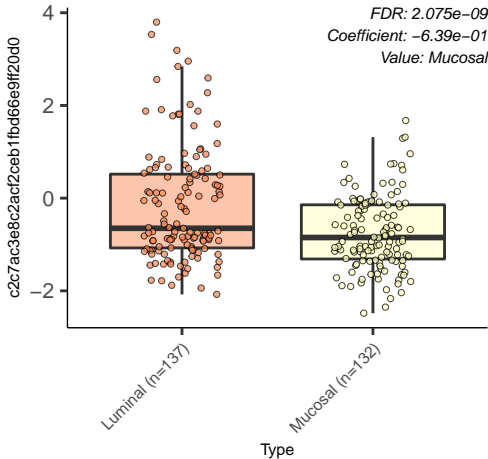


X5e7454ae5bc6cea5edbfbe42b2d24477

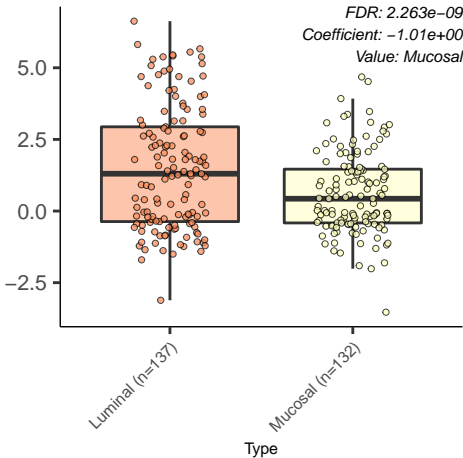


X298c6e520261d927af2fb9e7c1e4cebc

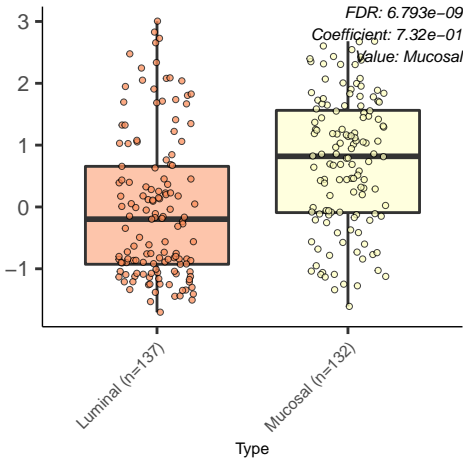




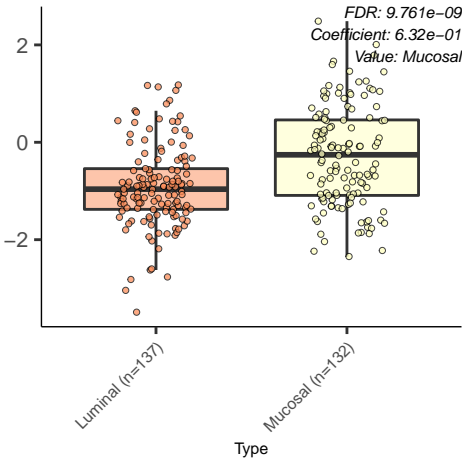
X1b23073ca2a2884ac2bd7895dda760bc



X292a57429f3bed0adc53c07dc4c62c9f

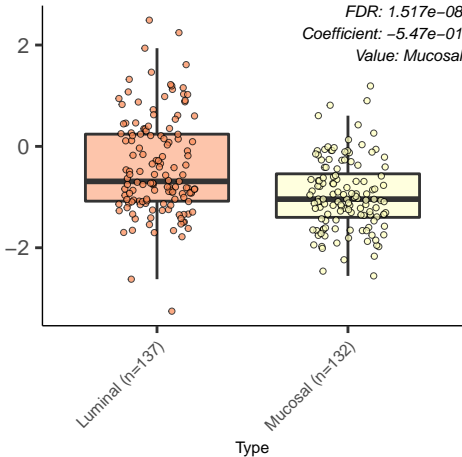


ce374e4ecf9d37933b614c569ea2250e



cc0efa1a2c7dca25dd6dc2dc55fe6697

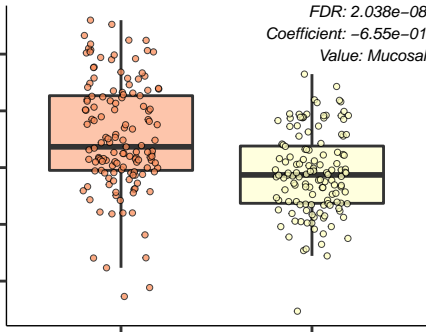
FDR: 1.517e-08
Coefficient: -5.47e-01
Value: Mucosal



X832fb872172e67da702355444f34bc1c

FDR: 2.038e-08
Coefficient: -6.55e-01
Value: Mucosal

1
0
-1
-2
-3

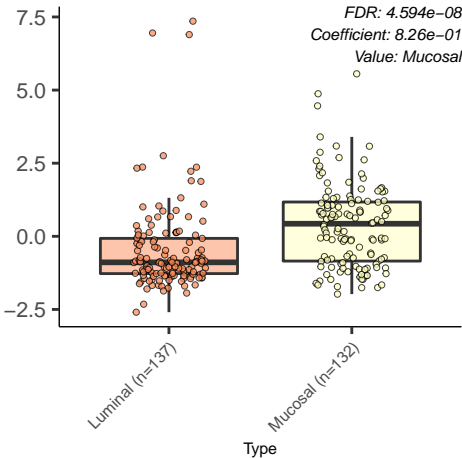


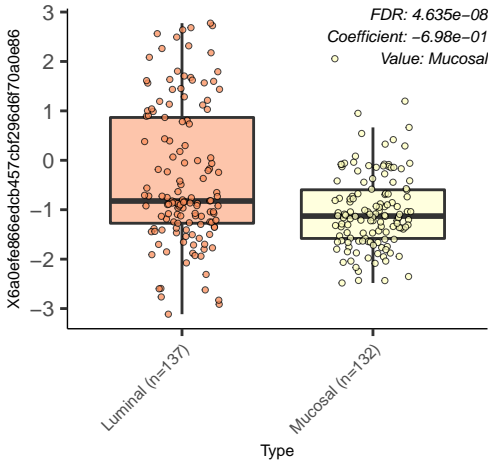
Luminal (n=137)

Mucosal (n=132)

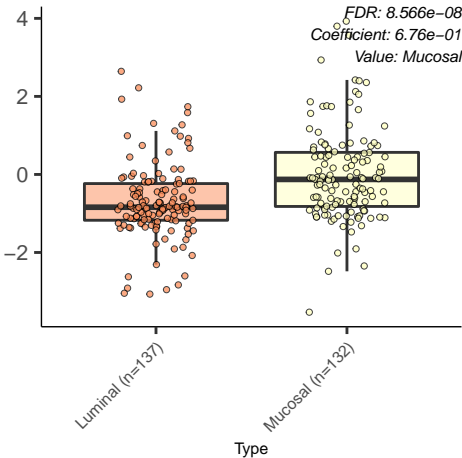
Type

eca7ea65dbc52bdbc9ade7f98e109a1e

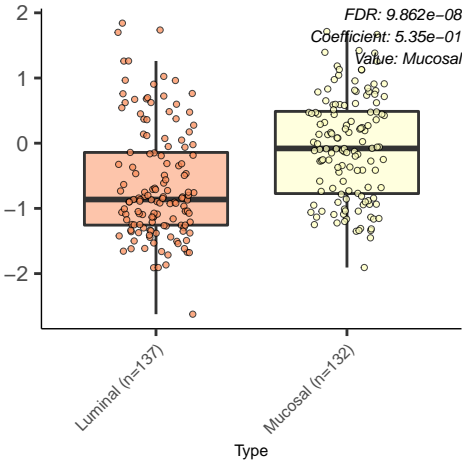




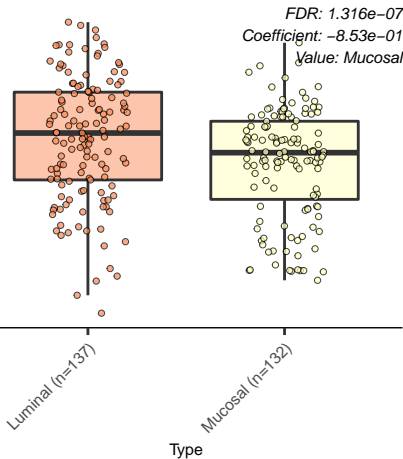
X090dac4c317bdb16f9ab434da4e8a35f



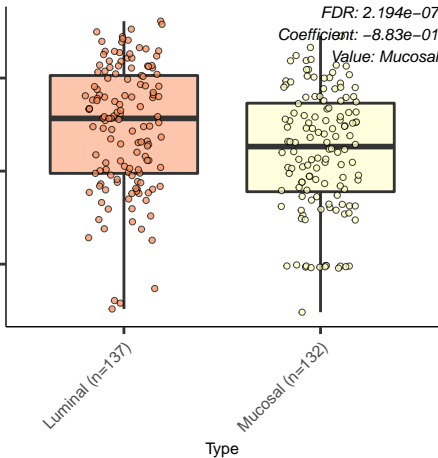
X8b317947d610fc3e351d94e2466ab1ab



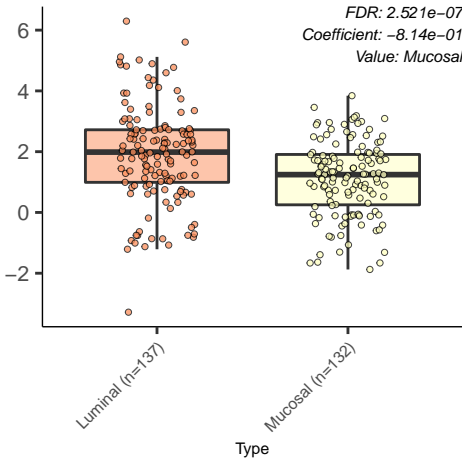
X5ae5ad642b9c2cc68c4fc59e4902ff63



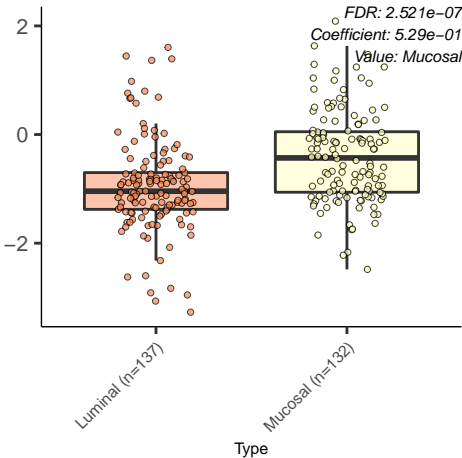
X9b5ce504ace88223f14f8b0848d1b054



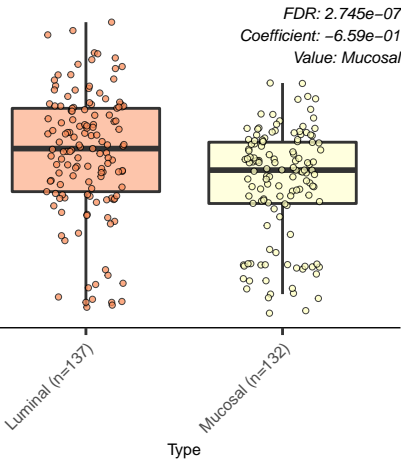
X04af8257d41718f9636b8bbc789b0fcf



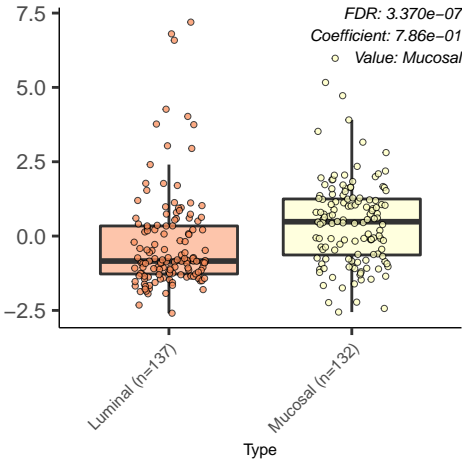
e16b103da2aa64c71cfe99afc4405912



X695a1bb7c03f0f0b00d69b55fe30c4c3

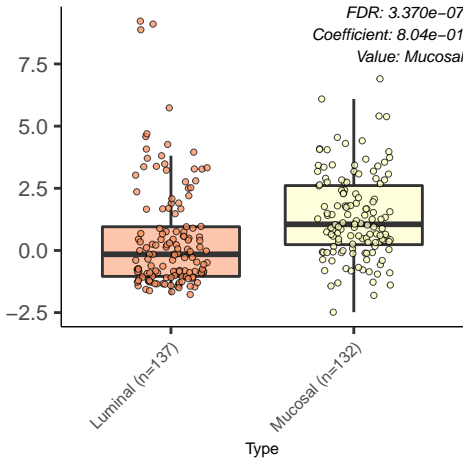


X762fd96b2d1336974fba68fedd33fefa



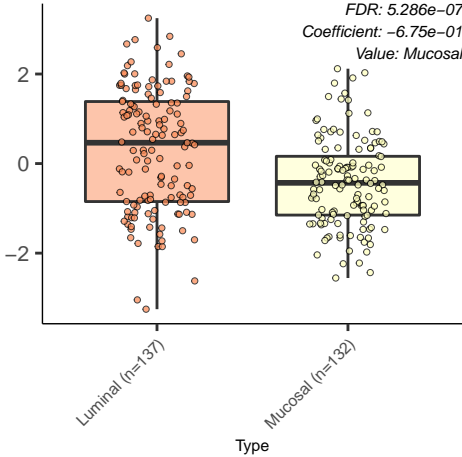
X76d6be90e19a660c9a84b35fa31d801c

FDR: 3.370e-07
Coefficient: 8.04e-01
Value: Mucosal

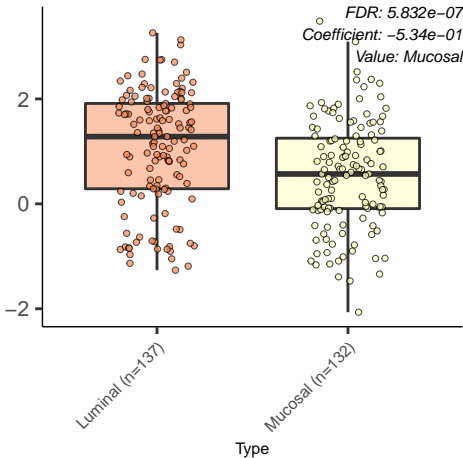


c0fa6fc4716f50a194d3a3bc520ba870

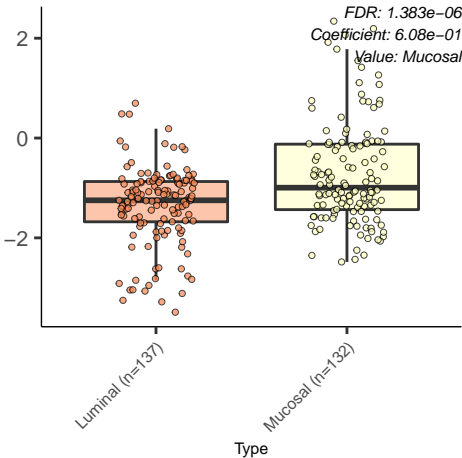
FDR: 5.286e-07
Coefficient: -6.75e-01
Value: Mucosal



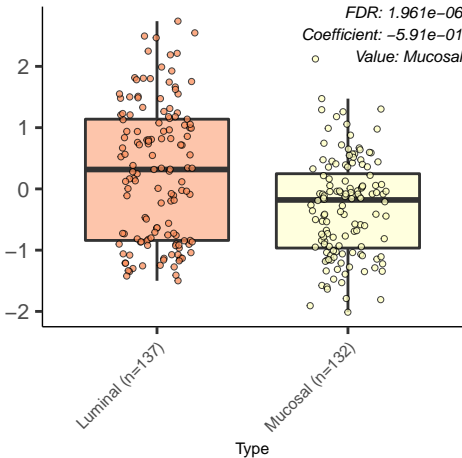
e895ba3e92642f6c374d12d4ba87bf0a



X1355705d5f5537fdd6063e8aef08650d



cdb4be857f1f698f7613343f1a9761a3



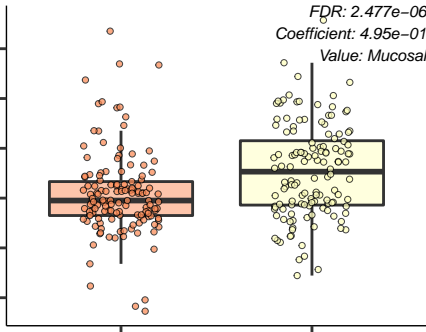
X4938367aefb076da9af1836d7df30ae0

FDR: $2.477e-06$
Coefficient: $4.95e-01$
Value: Mucosal

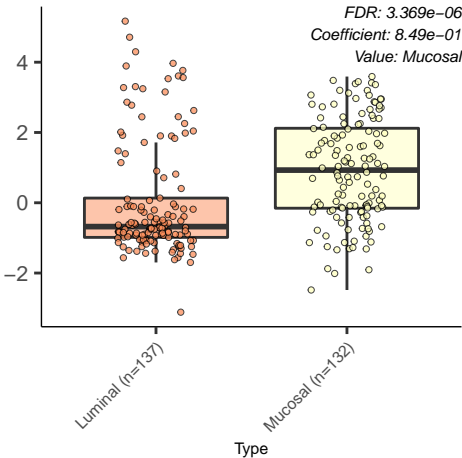
Luminal (n=137)

Mucosal (n=132)

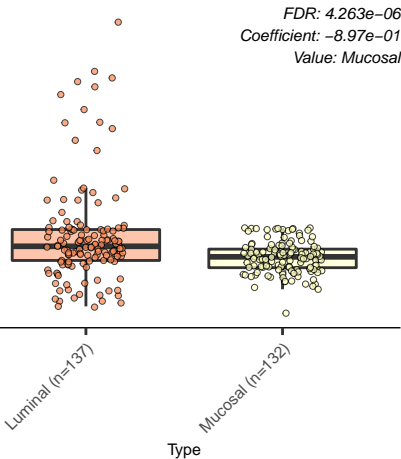
Type



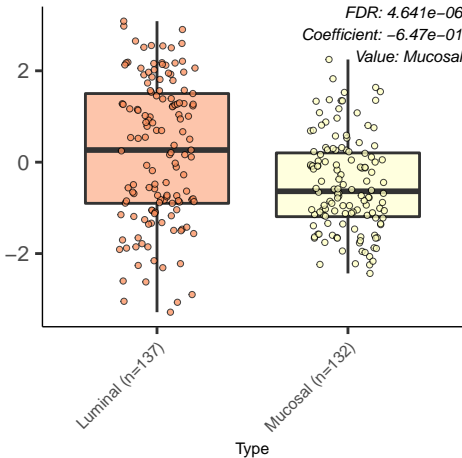
c8433912bf1d2d7d9dd177739211ae41



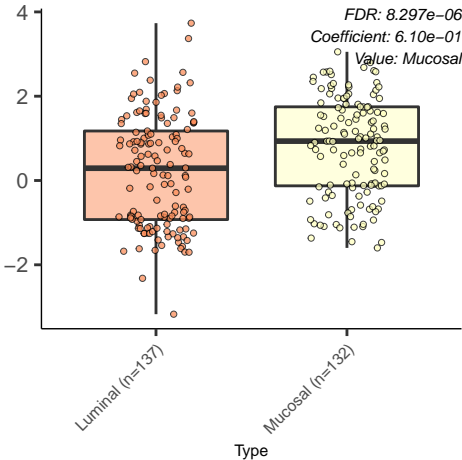
c0d5395792eadbf5f62e8ffb14fa0262



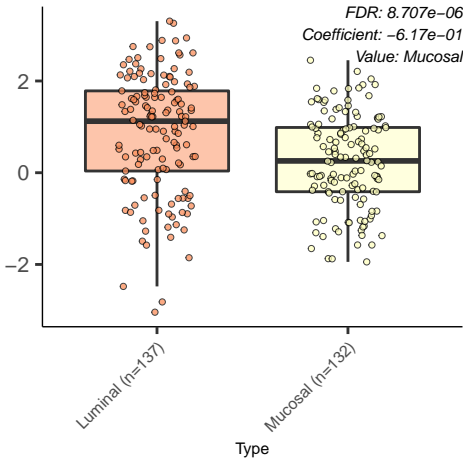
X672f609119344a6b7dbf954d60b3950e



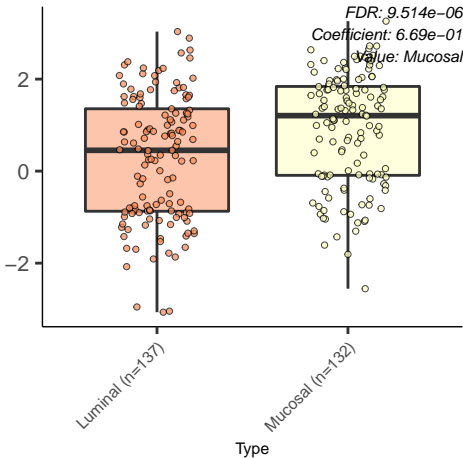
X2e11ee45d4ccab0775222da825d3bd42



X236833fbc5a378aae084b64206c25372



X1e65ef9ba16ebcd3b8413c31e58cada1



X861fb4882b4c65b68e5998bb89ad59e8

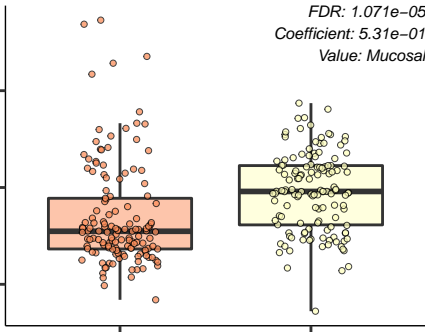
FDR: $1.071\text{e-}05$
Coefficient: $5.31\text{e-}01$
Value: Mucosal

2
0
-2

Luminal (n=137)

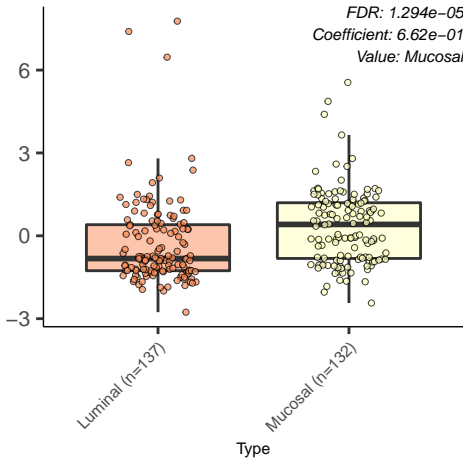
Mucosal (n=132)

Type

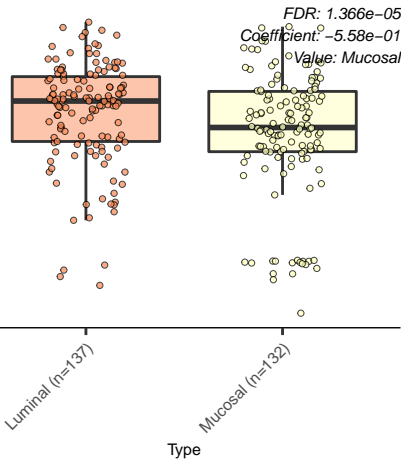


X5fc2d4103e27f399113f1fc7c954ef66

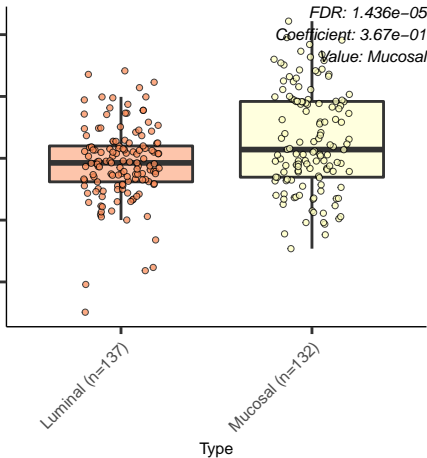
FDR: 1.294e-05
Coefficient: 6.62e-01
Value: Mucosal



X0247032b5537cfe290e9fe3067f9257e

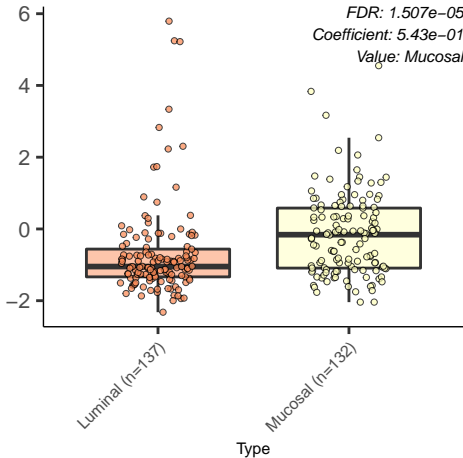


X18285598fe8215895e323b758326f2e2

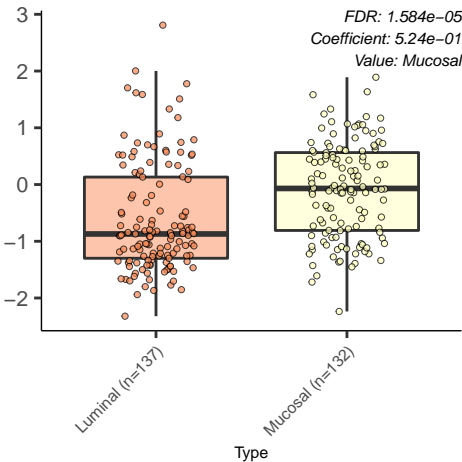


d33d037914391243a664e78b0865819d

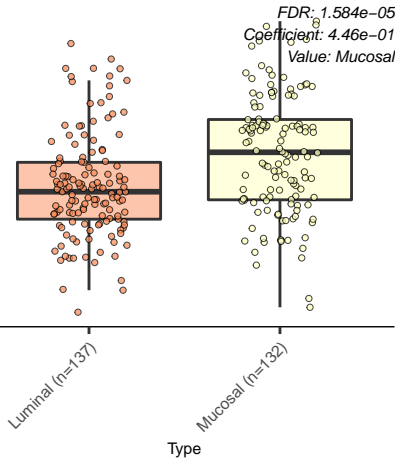
FDR: 1.507e-05
Coefficient: 5.43e-01
Value: Mucosal



b92f84c206887ecd667f142dd3606ac3

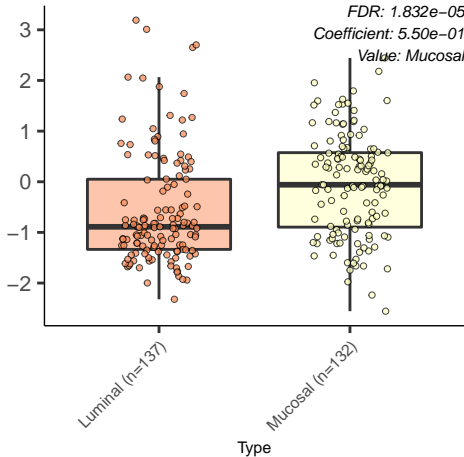


X95567a20354fa3a584ecf4f0ab229ef6

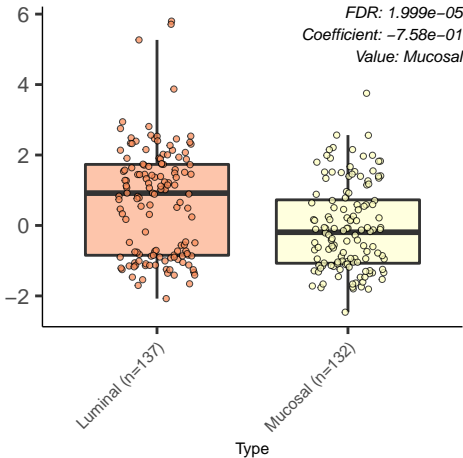


d4582580d27b0dcaff88f316edc6795c

FDR: 1.832e-05
Coefficient: 5.50e-01
Value: Mucosal



df4ca25fd346713ef43d2c727b2ef78e



X184d1c27d9866996ffbca04cfad3ded3

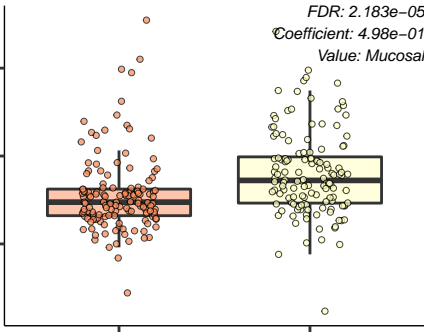
2
0
-2

FDR: 2.183e-05
Coefficient: 4.98e-01
Value: Mucosal

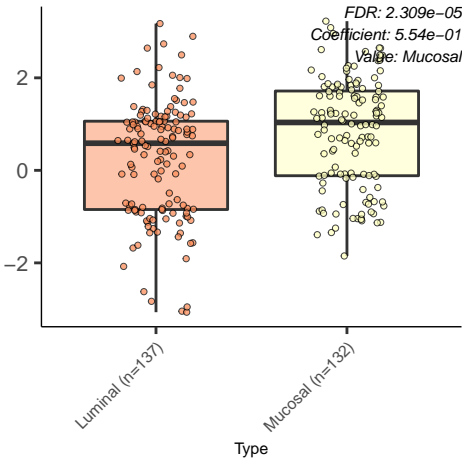
Luminal (n=137)

Mucosal (n=132)

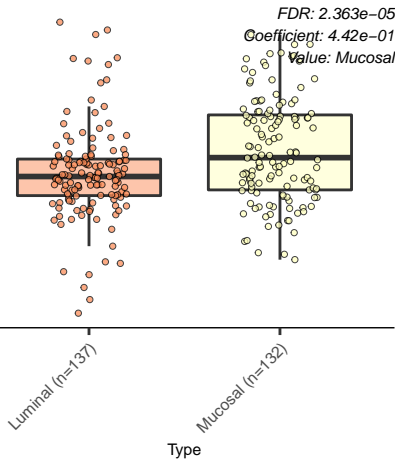
Type



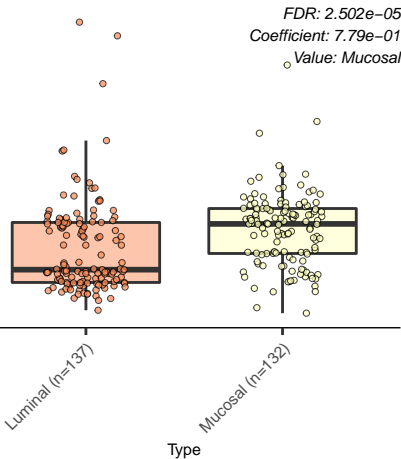
X977eb5e61f5d9a0c3618c4f129859cd3



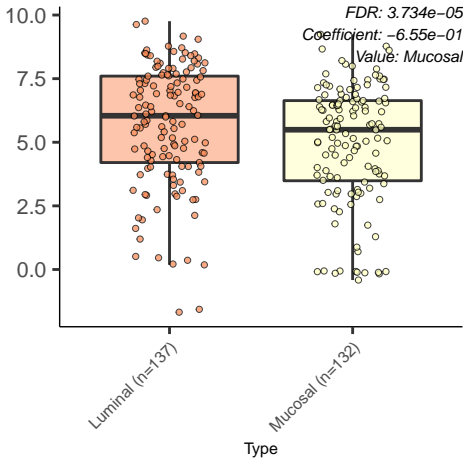
X7a2d1519cdfecd43e9baffc8f322299a



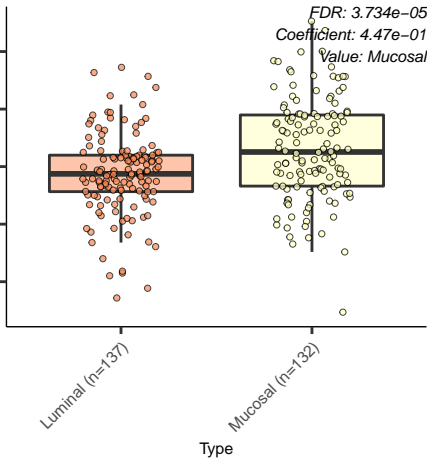
dcd0c235615b718f89bb8cc76b5a627f



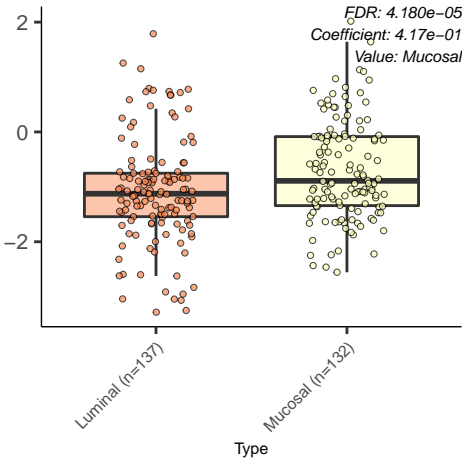
X397aa1ad0378774f826b9825c958427e



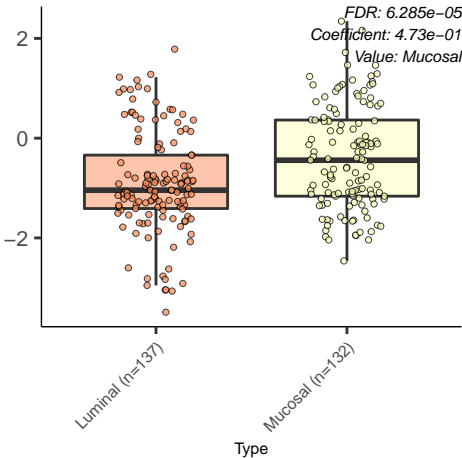
X5756e2e2f97499253c4280eeb7413ca6



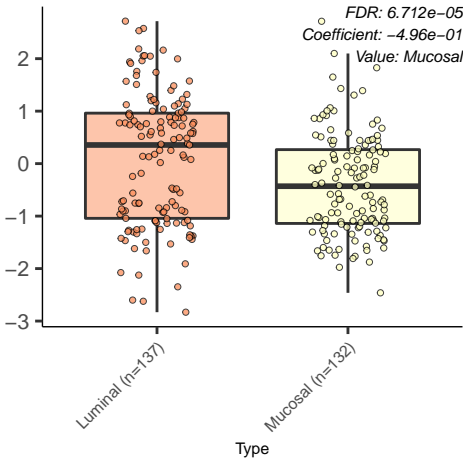
c4bb856f00469484de24c5d7e0a221b6



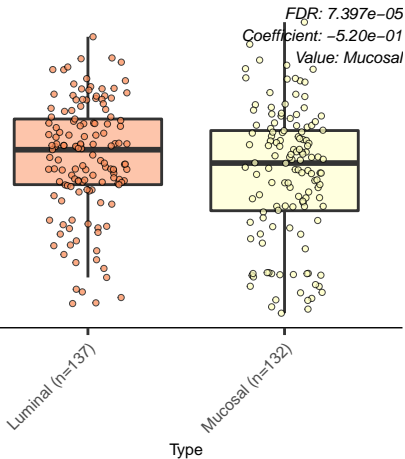
X9e39af3708ad41aca6e8d5ab47b4efa2



X869038dbbe0844710dfe8cda1f4c41fd

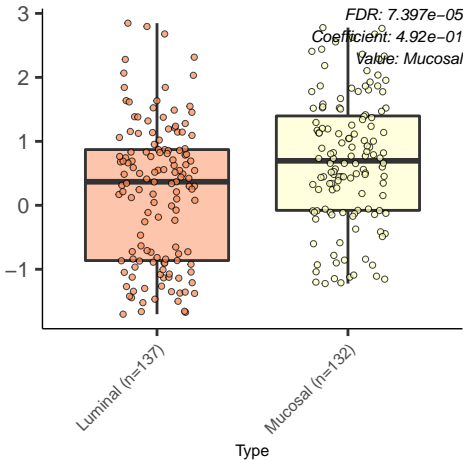


X73e42306e185bef0c6060d4ed924469

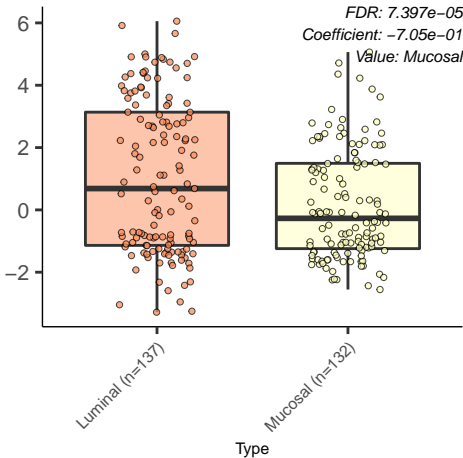


Type

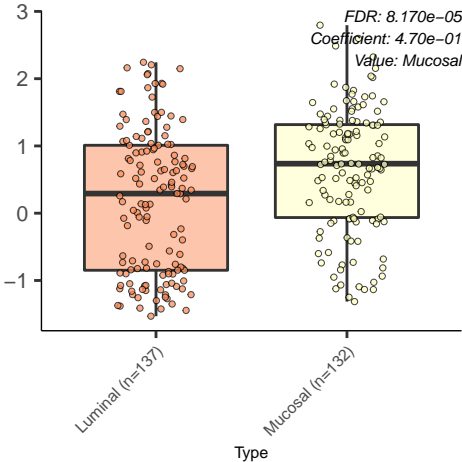
X48fe77b828ac410d9e0effc44fbeb57e

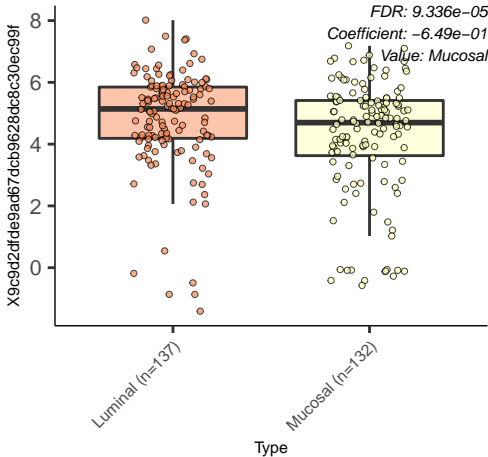


eee9bab26577ab7978a3c7bb4a082922



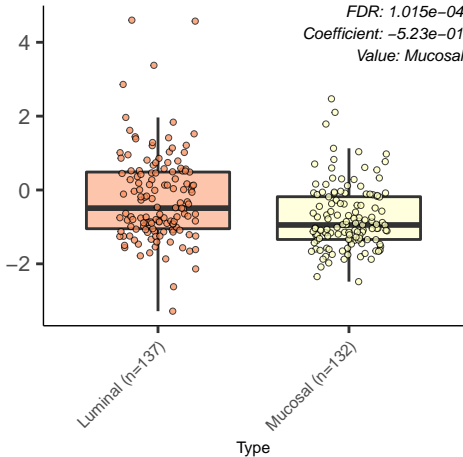
e6b0f68e8f6db48ea780944a44ac99a1



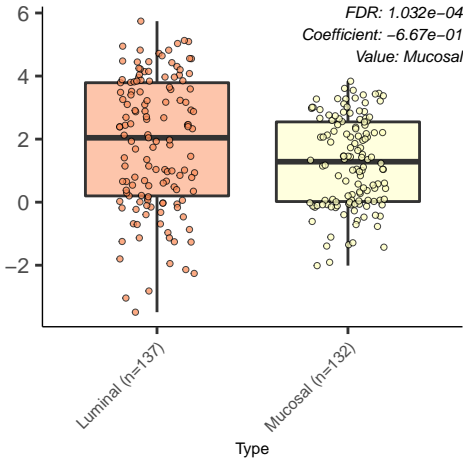


X37e0f2e7c7ab2a2f738b92a61085aec0

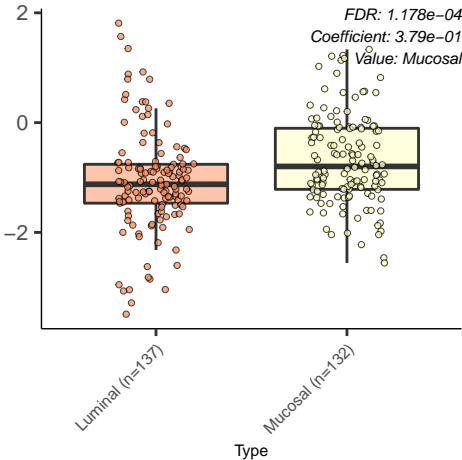
FDR: $1.015e-04$
Coefficient: $-5.23e-01$
Value: Mucosal



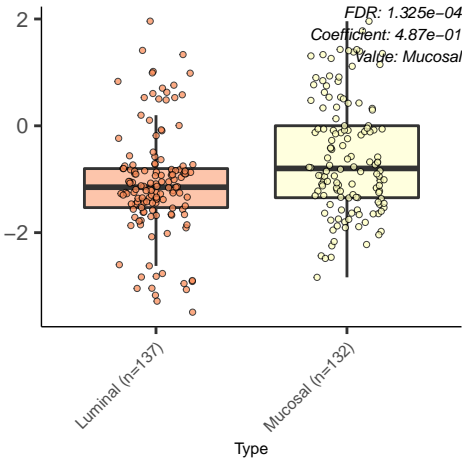
X653c972b92d846f3b6b199c4f5257025



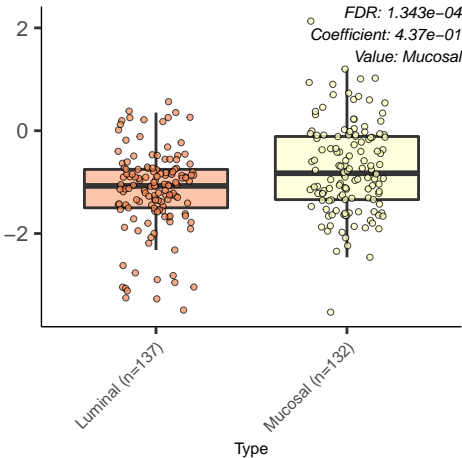
X25dbbc91dd4c739873039ece738737a5



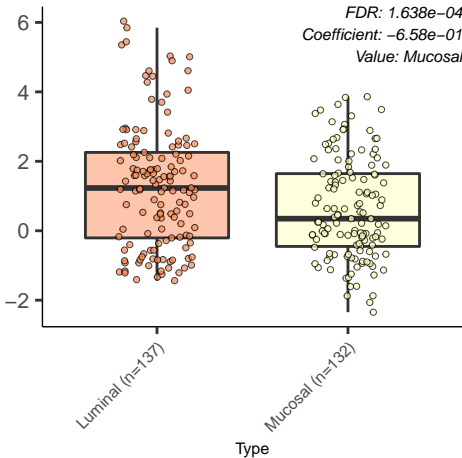
X8a8c39a3e855256f236f71f39bf300aa



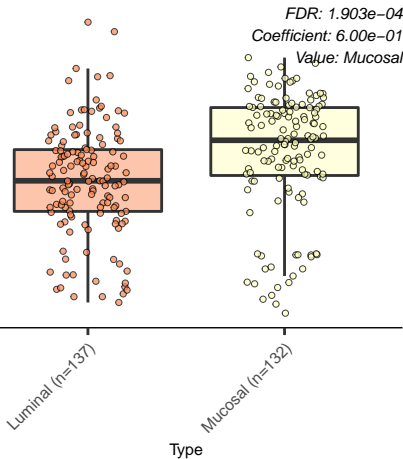
X1122ff96a7d76e3f720d1d7df6eee4a1



X2ce5f984c303607afe63f839e492f57b

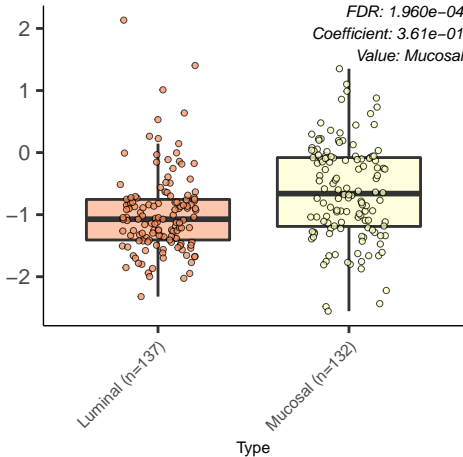


X564a2d40353ba6af46b47a2d367a3d56

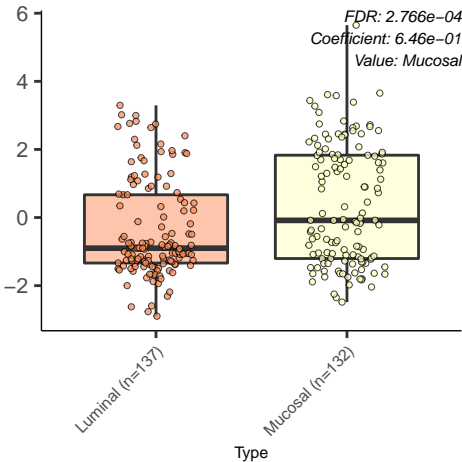


X8a08e31995384f38ebb2f85a9c755462

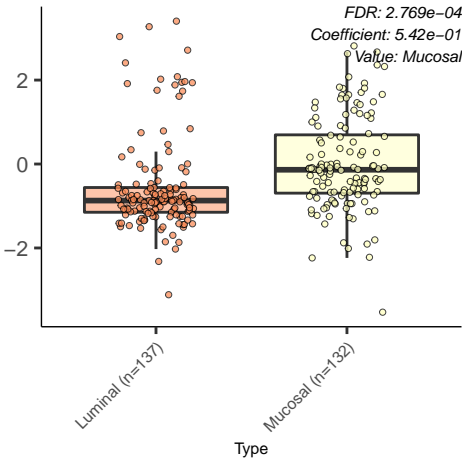
FDR: 1.960e-04
Coefficient: 3.61e-01
Value: Mucosal



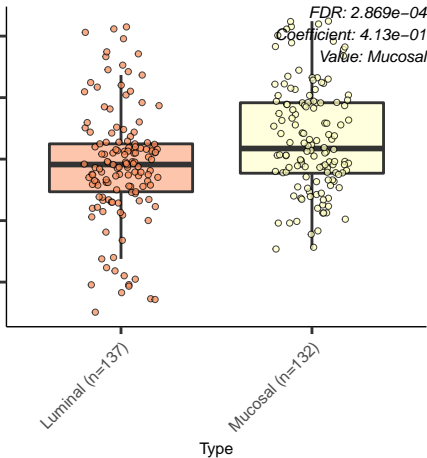
X6f0b4058c92e83c77533a218739a0e38



X10d8f09d85fad48b134dbba261adf29c

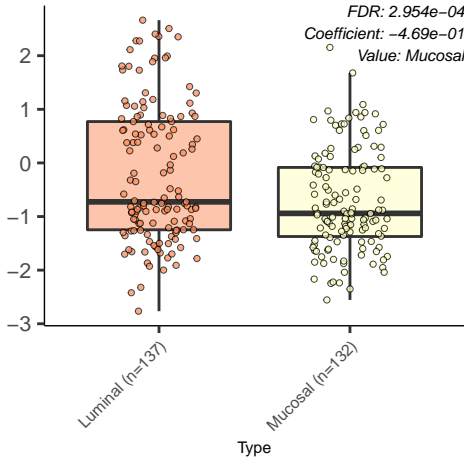


X5a0cdfc9bc68e40f3ad82a56205b85b7

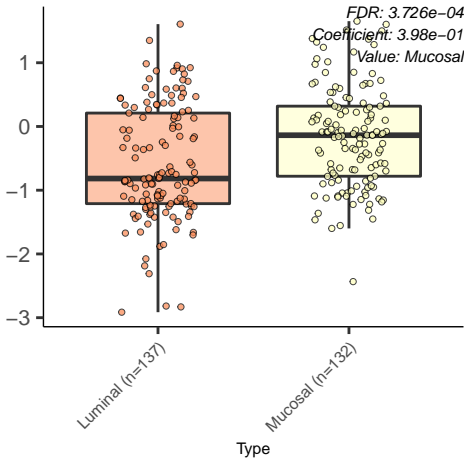


X0f7e30a9c413799c28abaf3bf8186888

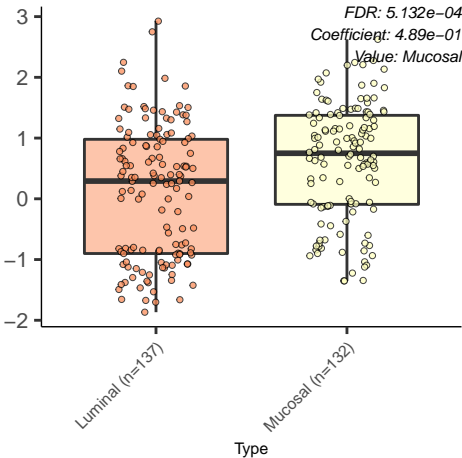
FDR: 2.954e-04
Coefficient: -4.69e-01
Value: Mucosal



b102928f03449973e2bd7c11a39817ba



db1ea7350f45b6b1c577ee65fae969c4



X79d4cbe747374bb267d78e572c82d82c

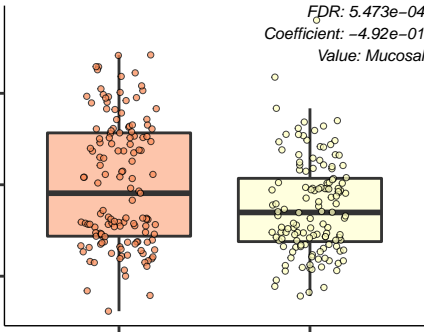
FDR: $5.473e-04$
Coefficient: $-4.92e-01$
Value: Mucosal

2
0
-2

Luminal (n=137)

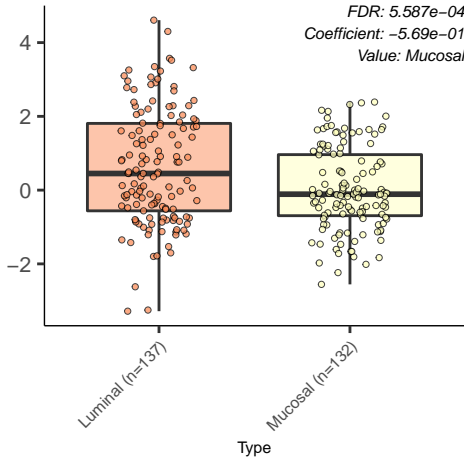
Mucosal (n=132)

Type

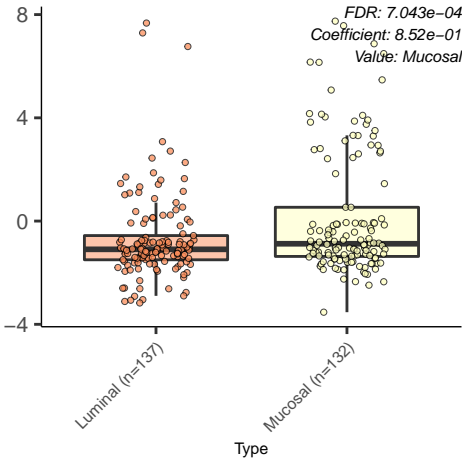


X2a9df0f05ef552235191fe0edbbc742e

FDR: 5.587e-04
Coefficient: -5.69e-01
Value: Mucosal

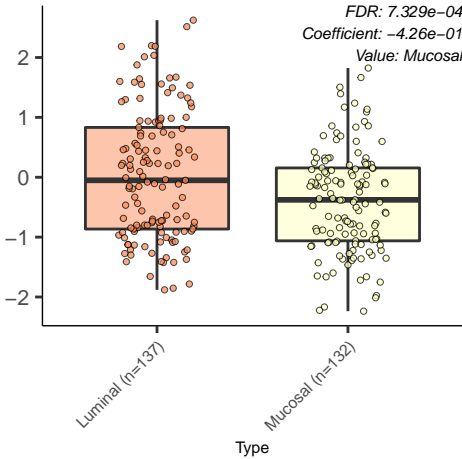


cb48af0355580e3a4cfe6d22f05b6b14

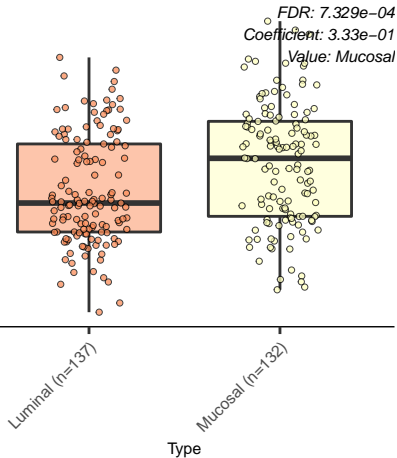


f0deb5bac19f248fce27d93d918d3464

FDR: 7.329e-04
Coefficient: -4.26e-01
Value: Mucosal



faf82edd7b4917abc7158d7152136723



X483176e085c4e4eeee22409a02f2c0ef

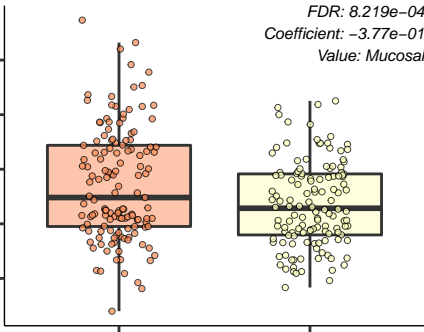
FDR: 8.219×10^{-4}
Coefficient: -3.77×10^{-1}
Value: Mucosal

2
1
0
-1
-2

Luminal (n=137)

Mucosal (n=132)

Type



ccdb1dad68d457d1df2d11af1ea8ca5f

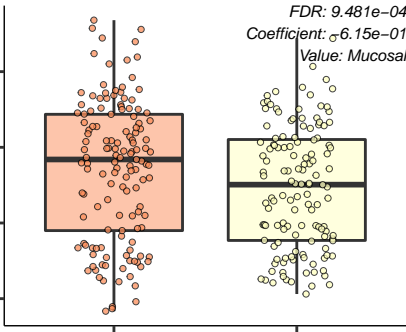
5.0
2.5
0.0
-2.5

Luminal (n=137)

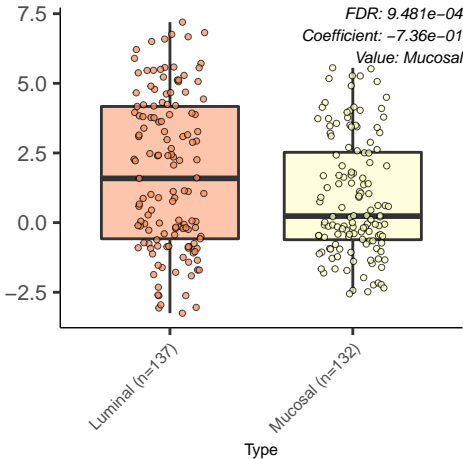
Mucosal (n=132)

Type

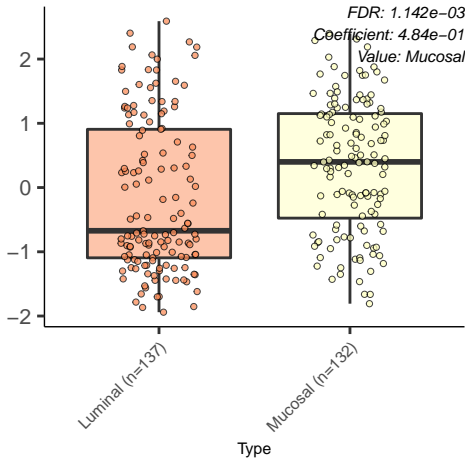
FDR: $9.481e-04$
Coefficient: $-6.15e-01$
Value: Mucosal



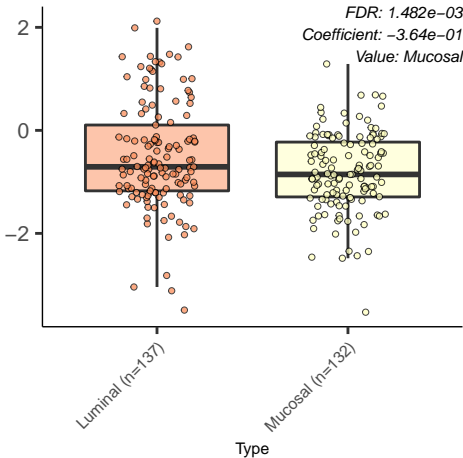
a589fa026973c67d0f1c7b741d85b90c



a172874a13d3e6df1391f0797d95d6bc

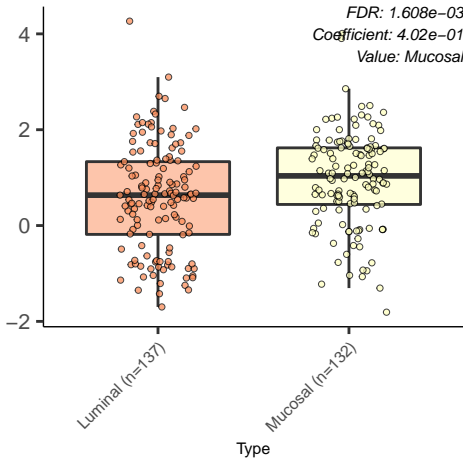


X99e3ef8d6af1702f3a43e8f3e4976956

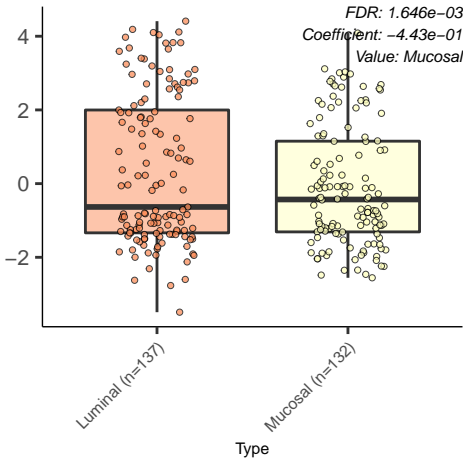


X204736c3bd4a4c1f840e9fc99a5155d2

FDR: $1.608e-03$
Coefficient: $4.02e-01$
Value: Mucosal



a87086e2ee322da102d8a52c4de21683



X49d5e983bbc870059084d932fb344b75

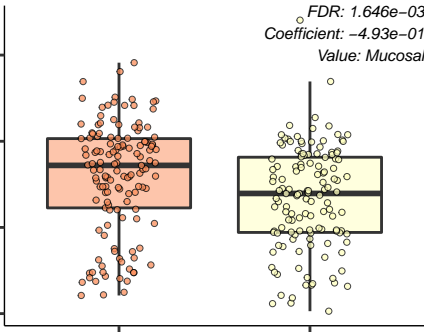
FDR: $1.646e-03$
Coefficient: $-4.93e-01$
Value: Mucosal

4
2
0
-2

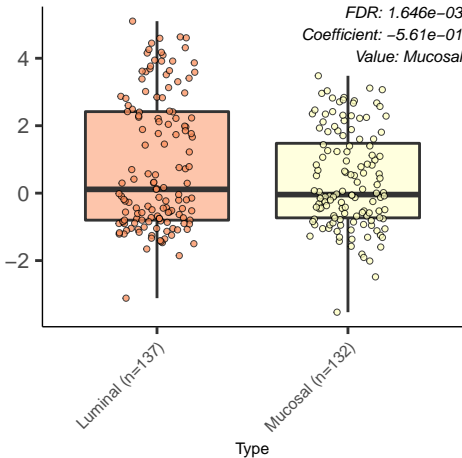
Luminal (n=137)

Mucosal (n=132)

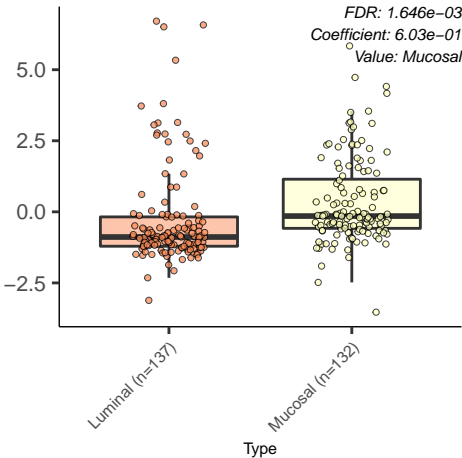
Type



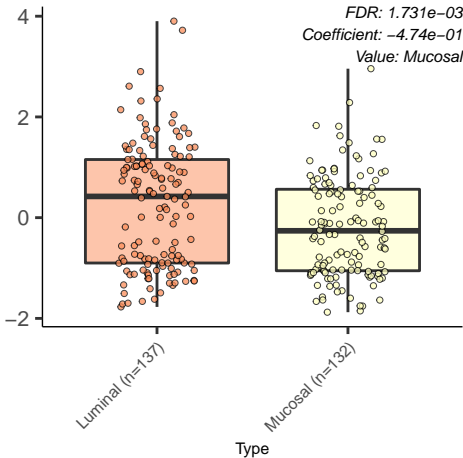
X20b86a0cfa5df6b3f9afef5cf2f0151



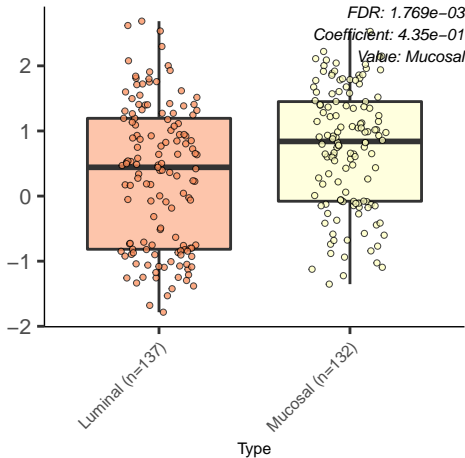
X1215303fb541fab34f6257176ded8fc4



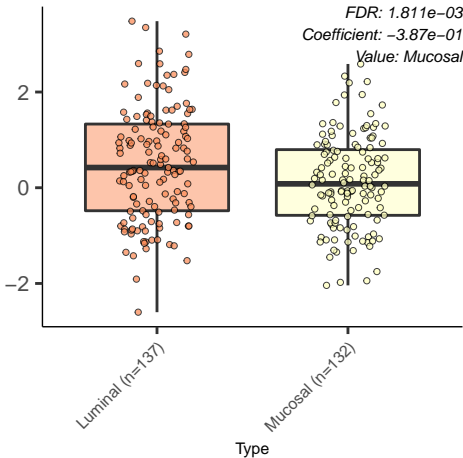
e8ed0e081283c5963ce9860944f651c6



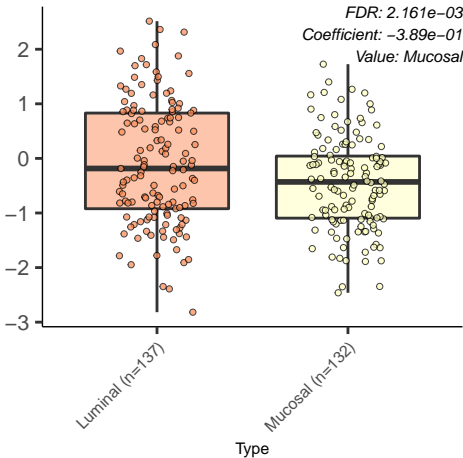
X84a1034f71767fa92491aebf1bdf7fdc



a0d2e10ea5e00a9cb906c319ef542843



b66b0ebe9c94cc5c0ee68a7c8cb966af



X20fe5c9f456999fe121cb1c16bf41e77

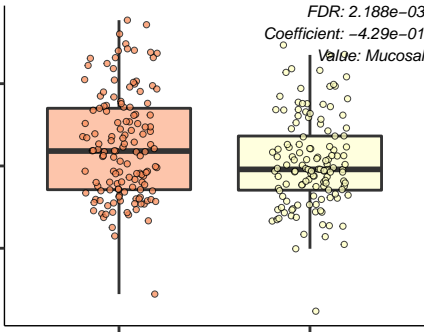
2
0
-2

Luminal (n=137)

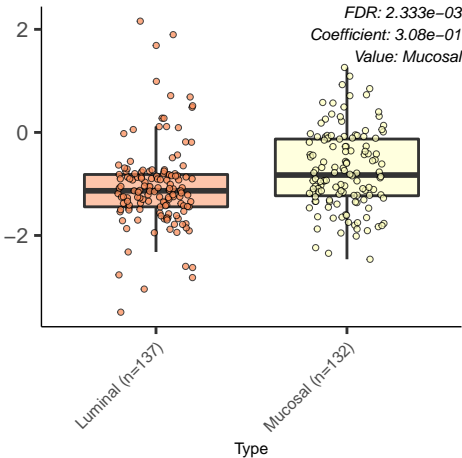
Mucosal (n=132)

Type

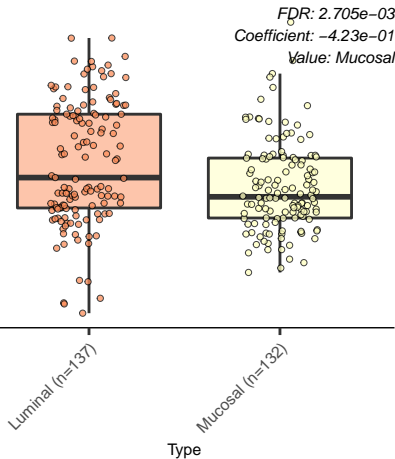
FDR: 2.188e-03
Coefficient: -4.29e-01
Value: Mucosal



X5167710b7280856d9e512a4f58068687

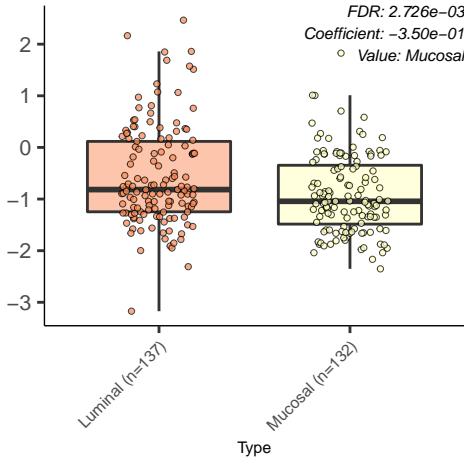


fe74cb6ed6d5951071824943319e1724



X0758746de870fac931a39b11205ea4f6

FDR: 2.726e-03
Coefficient: -3.50e-01
● *Value: Mucosal*



X7737dd181fb4d08851b4c49b7bb5c5ef

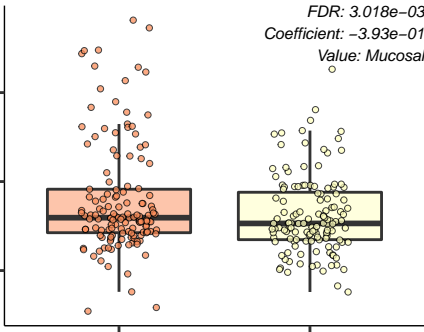
FDR: 3.018e-03
Coefficient: -3.93e-01
Value: Mucosal

2
0
-2

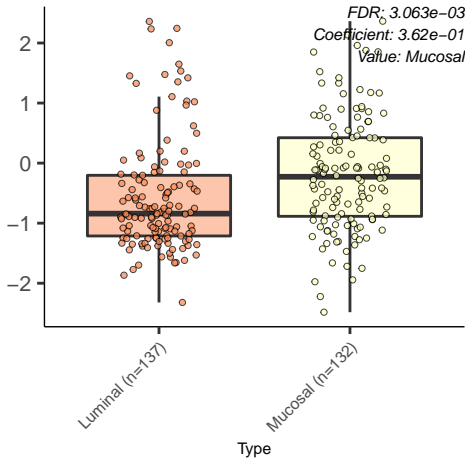
Luminal (n=137)

Mucosal (n=132)

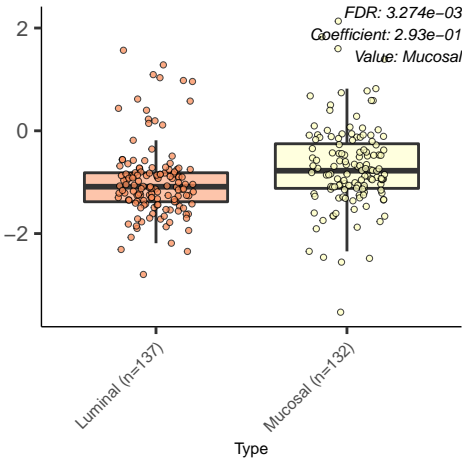
Type



X8f07f09a7a5b69d79afd30ba3be7ae26

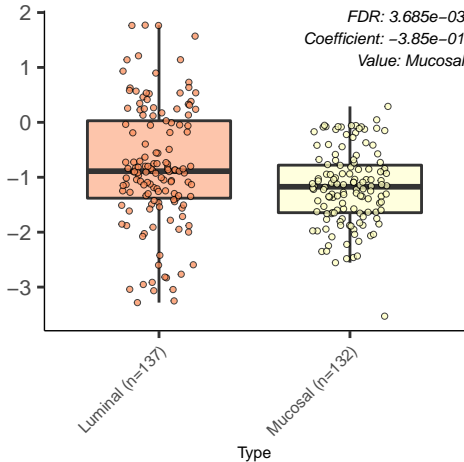


X33724dd8ccf73f1038563faea4af37e1

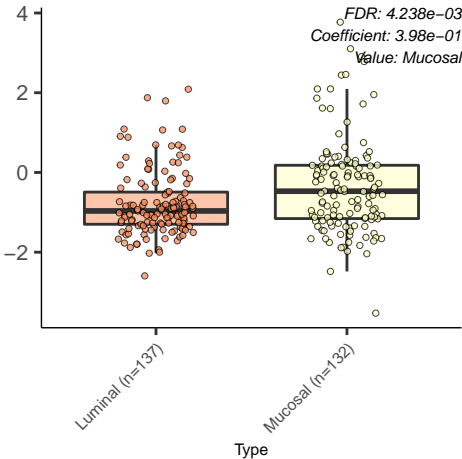


X5287908182825be751d21ae4e6f44c79

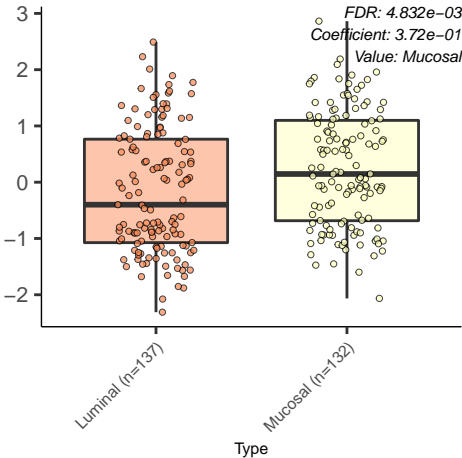
FDR: 3.685e-03
Coefficient: -3.85e-01
Value: Mucosal



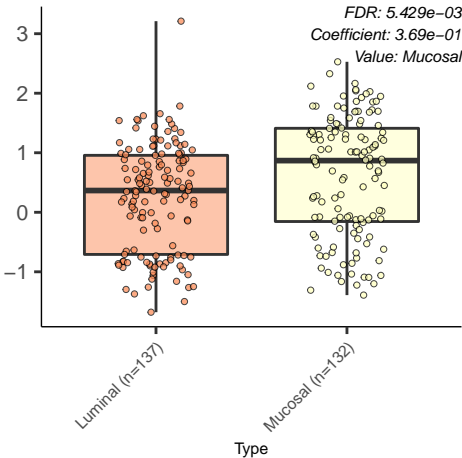
X598a513a3552c092cd8b71a429c45ab1



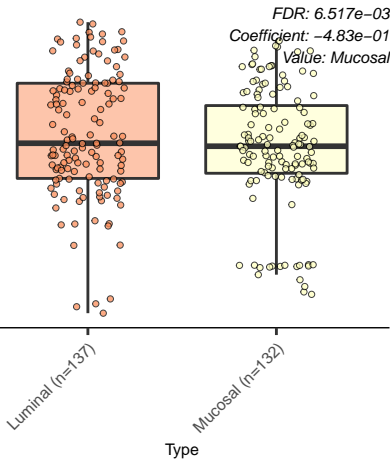
b818498a79e2d7a40cdf0d29b43c7c0



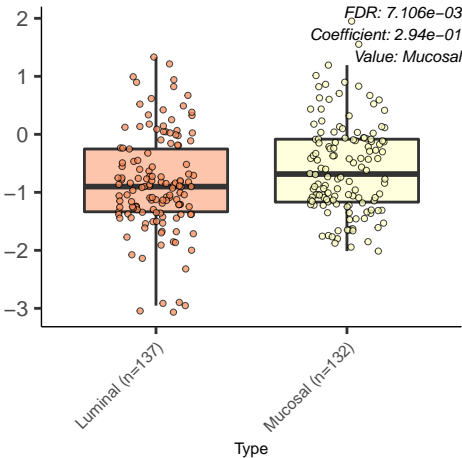
X9558d82710beac18e454f983c9db7cca



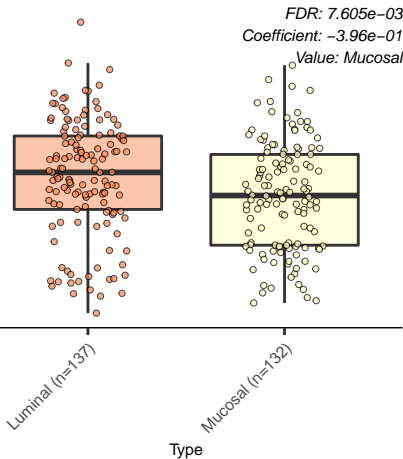
c003202be6a53b07fbb26ecd2161fe2c



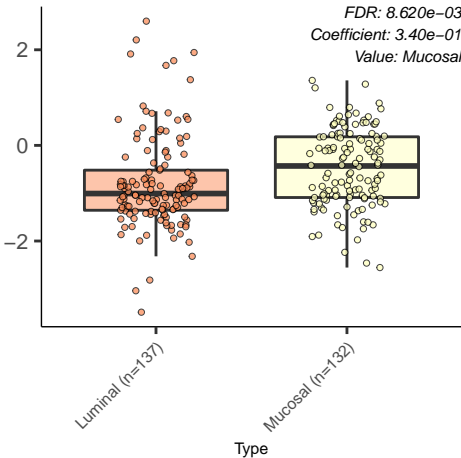
X89da5f45526bc14a8a2dfb25616269b2



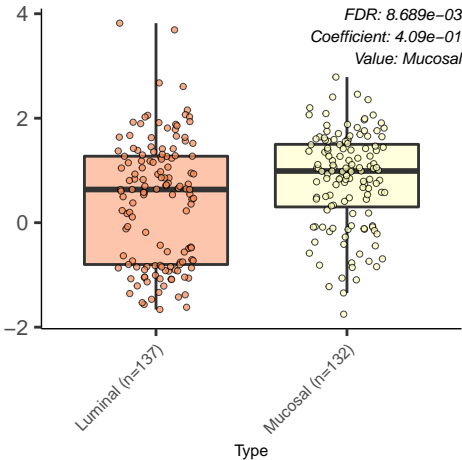
a2afda2db82e62d5de07d2f29111f10



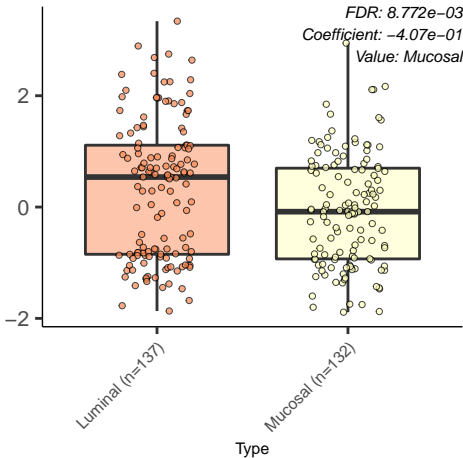
X4a82bd4ce156dbdc137b21a1d7e75f93



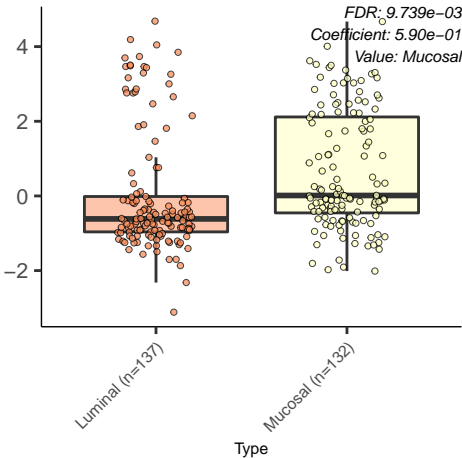
X64864a4b76fc5cccc00f4e44f8dbcff4



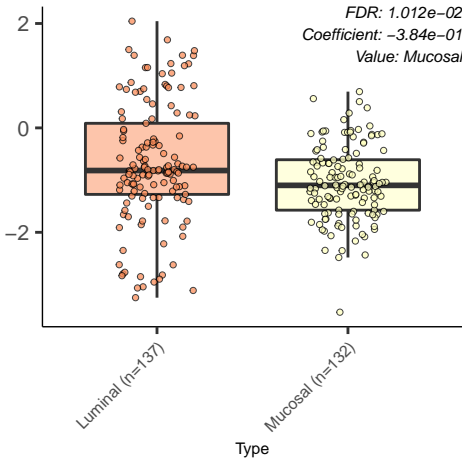
a5641950b2a3a47827849d91242f0ead



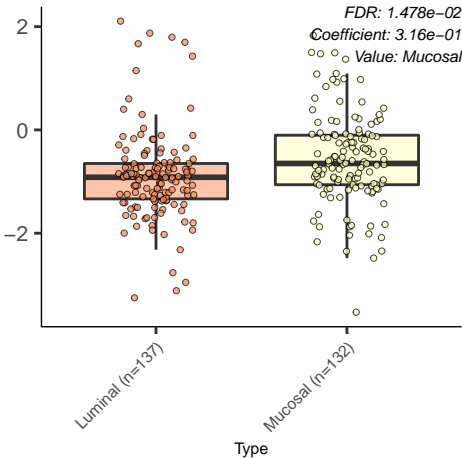
ad4e760fa406db6470c29766422a47d2



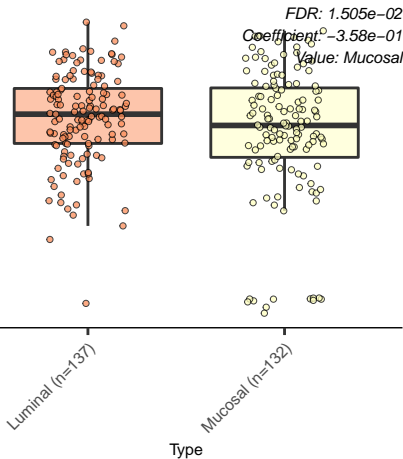
X5df1f0b75fac3063662bc77afb6c4bf8



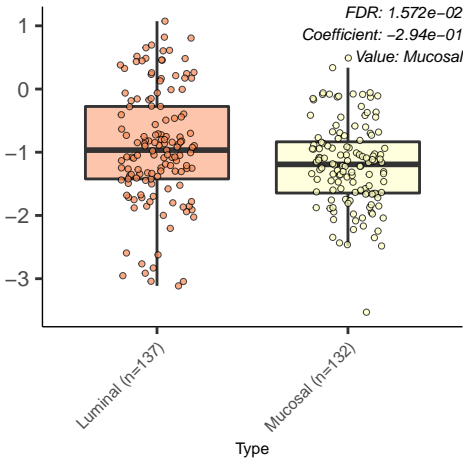
dc42750a29cb8d6956790e407a4ceff4



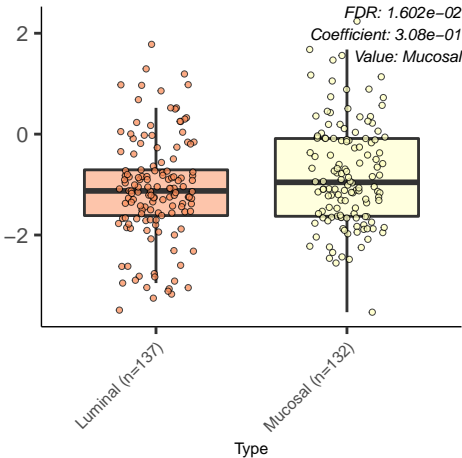
X48082d1ff66a9207ede6bf05e9846d6e



e5450be8d98da604aa4a1fa0ed722fe1



X7027b1cc7695b944a14d2bf2b0cd03f4



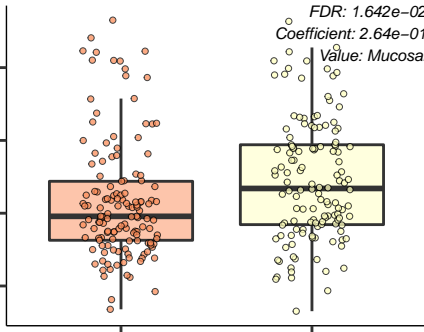
X58fde6dae459af7ec3ed3eea10b1c0cb

FDR: 1.642e-02
Coefficient: 2.64e-01
Value: Mucosal

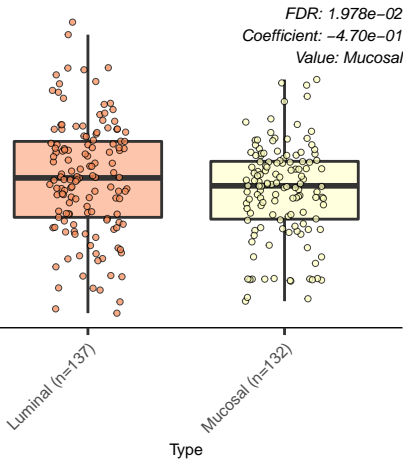
Luminal (n=137)

Mucosal (n=132)

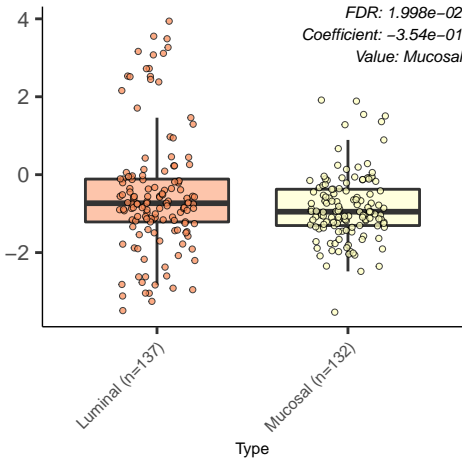
Type



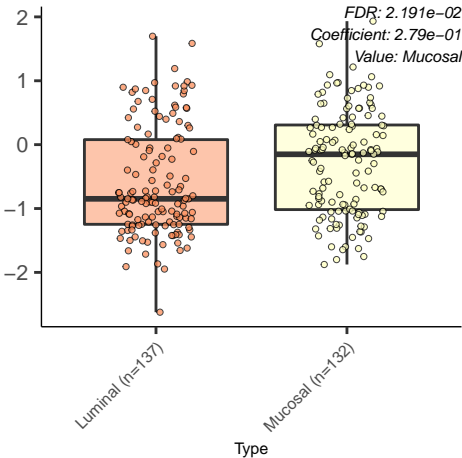
X9ff8565480eb4d1ae1feec02a0dfce35



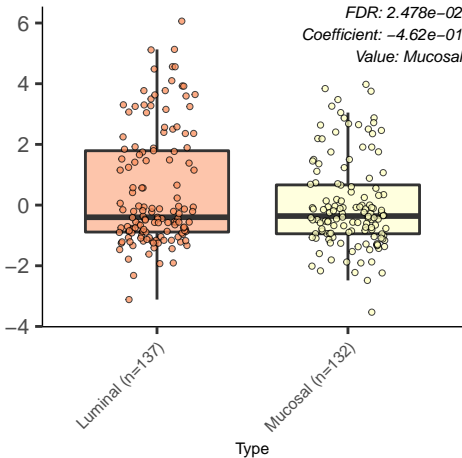
e9caa943f6467fd09889cd0df61cb45



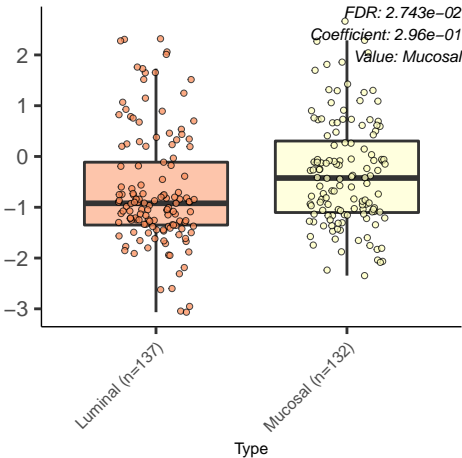
fd7e1ff108a3eaf3f64eaaa5faf590af



X234b63e9a181c14a2abf89444577cef

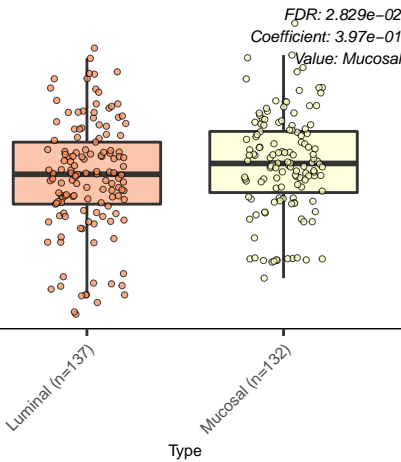


X3ceb74c21dfbf2d306d22d03dda4b5fe

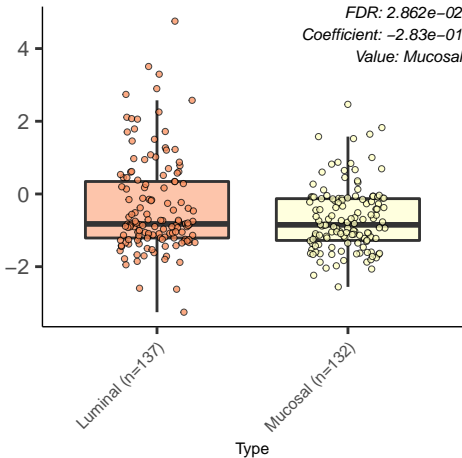


Type

X332d720adc8e107df05b716fd88b601c

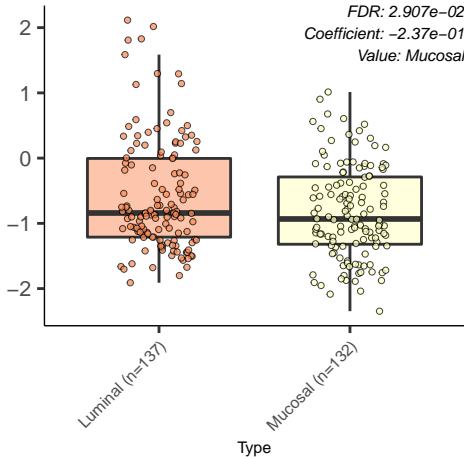


X0f6a34be1a611d55dd58a93322b7caff

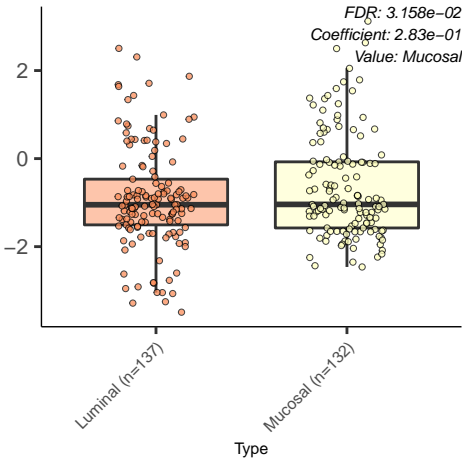


X49e9cee41713f4c00f8b171eca09b5

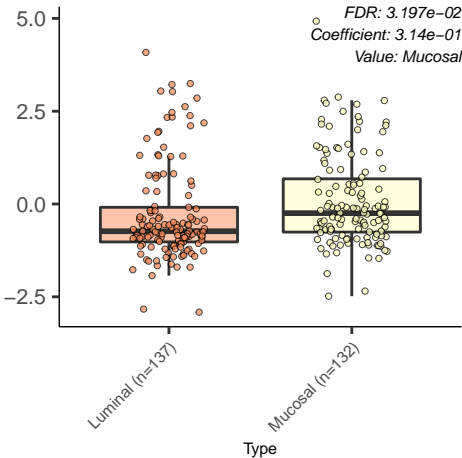
FDR: $2.907e-02$
Coefficient: $-2.37e-01$
Value: Mucosal



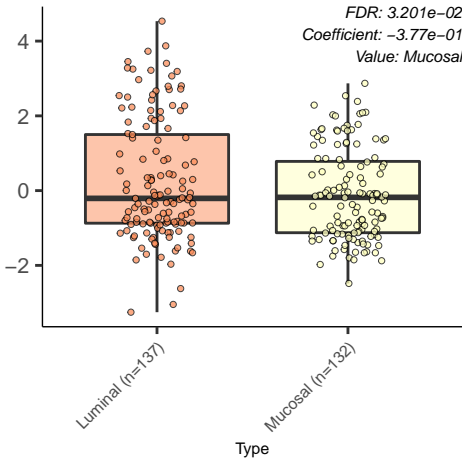
X78efb9db740a56e0b2bc4d4778d4d3fc



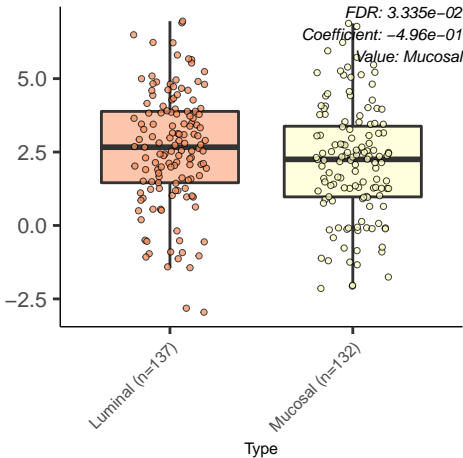
f5bf4e20e8a4c371b702c2cf491f56e8



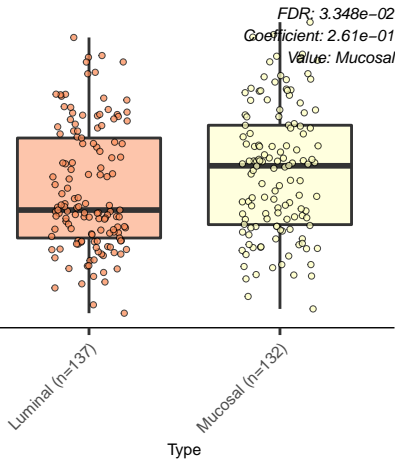
ae7aa9c977dea18de5954b3f29c80278



X89c209abd89a5232343a4c87c93cb4ea

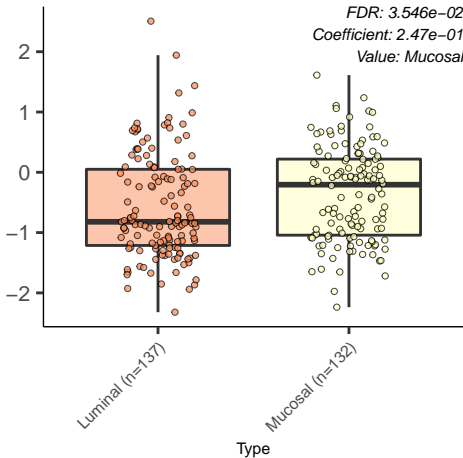


X53cbcf217d083ac12d3827598de4e750

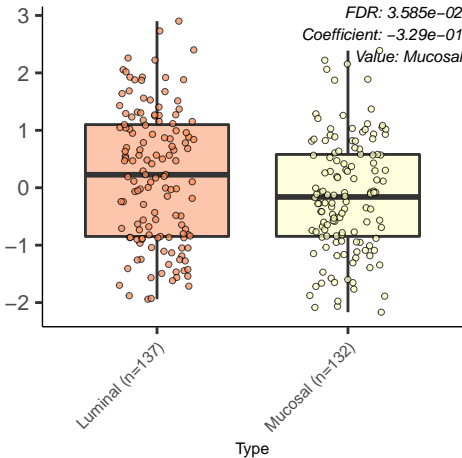


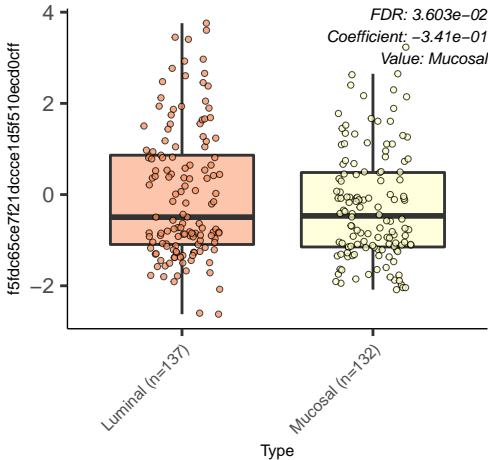
a6cf9ae0a74b21a2aa7439335c575123

FDR: 3.546e-02
Coefficient: 2.47e-01
Value: Mucosal

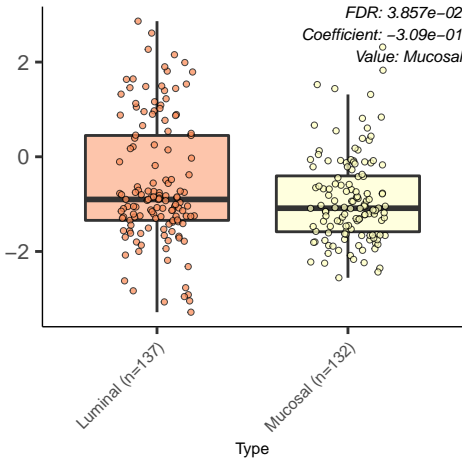


X7fd2dbaa8c8b59e687ce1cf9edb857dc

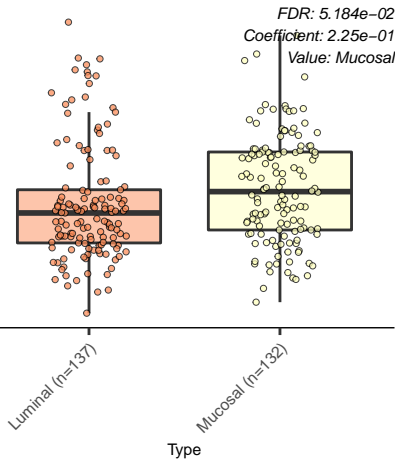




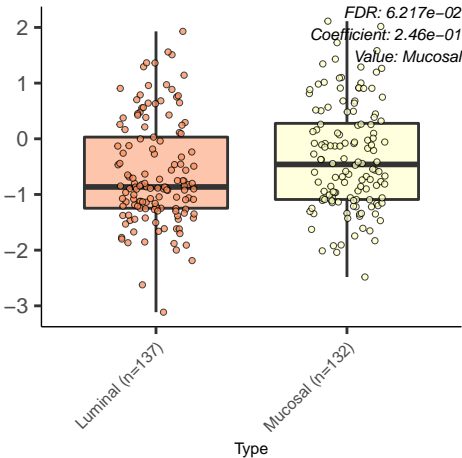
X978c4b2965a576a78cac987d12c9e0a0



X2a065d9ee9756b7b08d04e4d8f2ac204

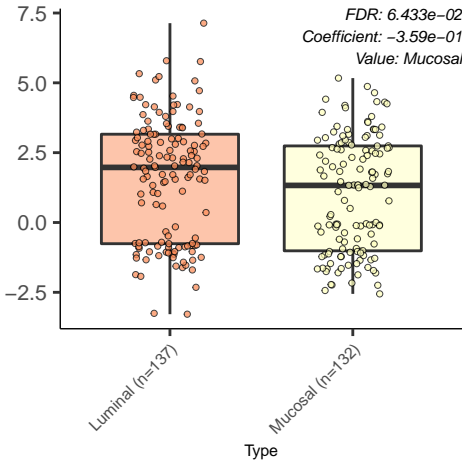


X594b20915c3abfcb209ccf738fb7122b



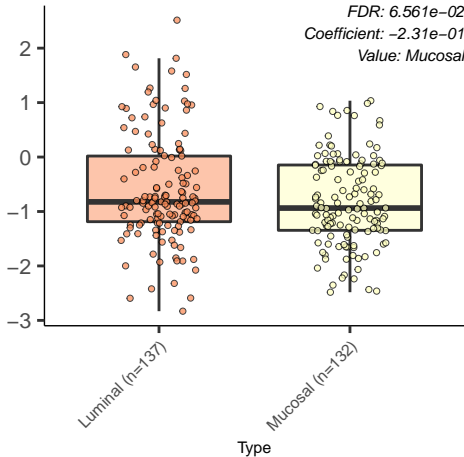
be7fa93e72946b09913f7776a2f1c857

FDR: 6.433e-02
Coefficient: -3.59e-01
Value: Mucosal

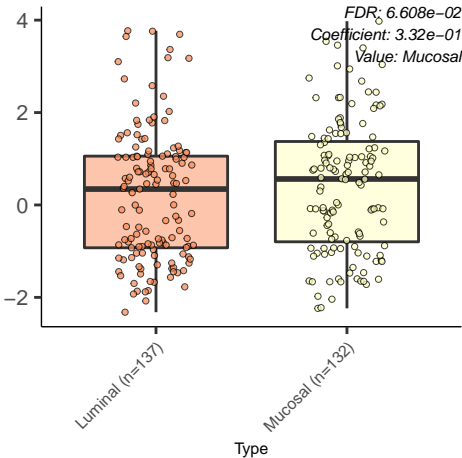


X0c1914abfb8acde52c282afa8e27a1fd

FDR: $6.561e-02$
Coefficient: $-2.31e-01$
Value: Mucosal

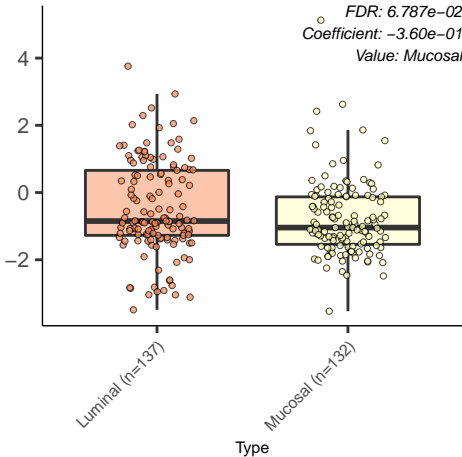


b7e800ed490ab8e535a11f2bd8f6cacc



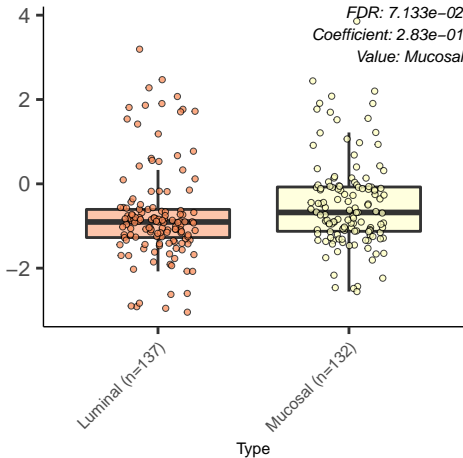
X94adac1e5690b5aef26d6014e471f458

FDR: 6.787e-02
Coefficient: -3.60e-01
Value: Mucosal

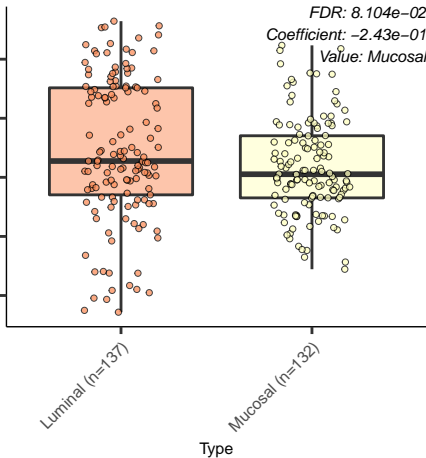


X77eb2f8589e0e143883648e11bde2a31

FDR: $7.133e-02$
Coefficient: $2.83e-01$
Value: Mucosal

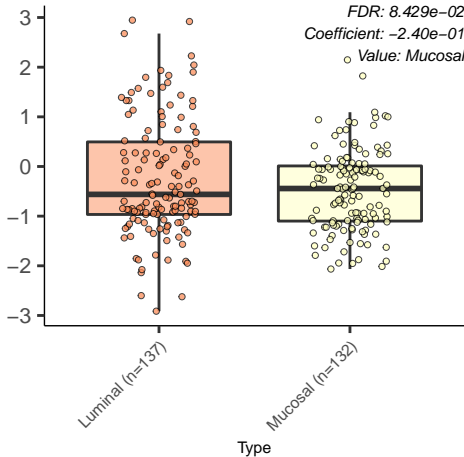


X3eeb6fa3850d5ab2864e37931dc1781b

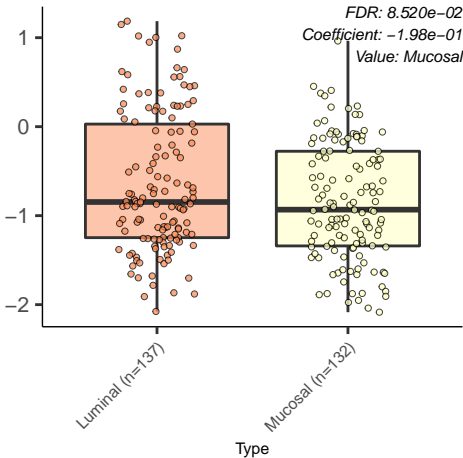


X00e1ab8ab959fa51a66dabae588ff48c

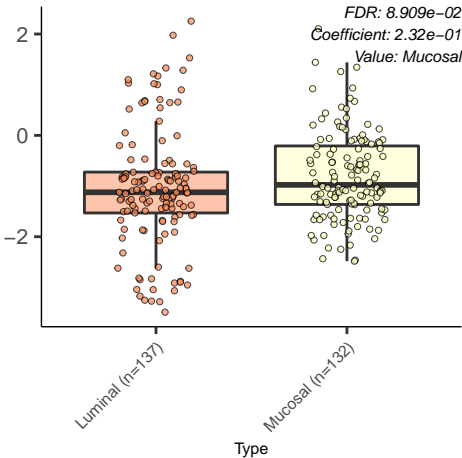
FDR: $8.429e-02$
Coefficient: $-2.40e-01$
Value: Mucosal



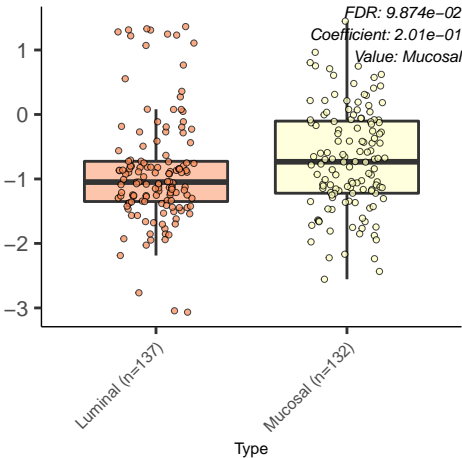
X07a0081d4bc5233563d0269fc2c734d0



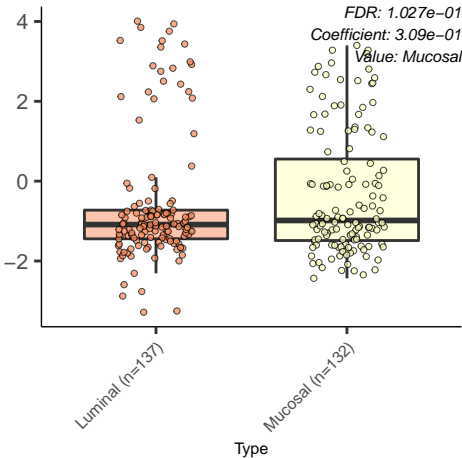
X4a6d7625157c8e66f126e813b0a0fc4c



ccd31353e129fad1e0c6c09602372b4f

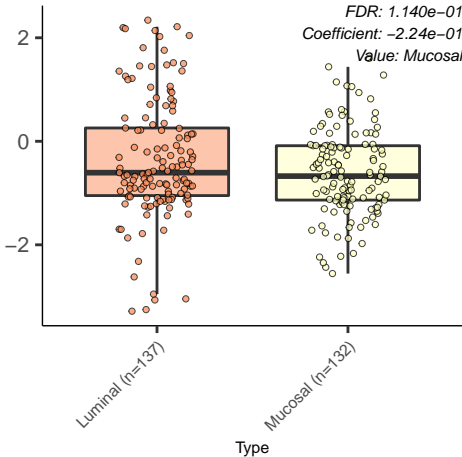


X5b74065cc4963be8f6447b2c9ffc87

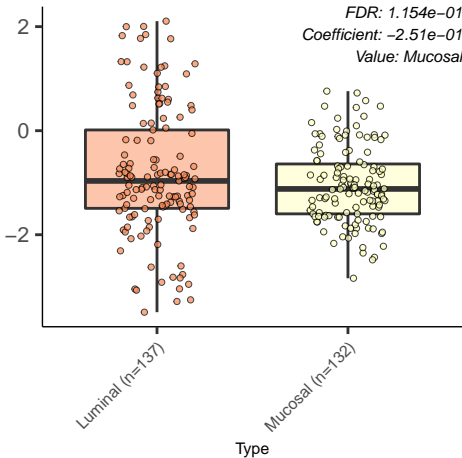


fc9ef66f439c06896d69d1092d8315fe

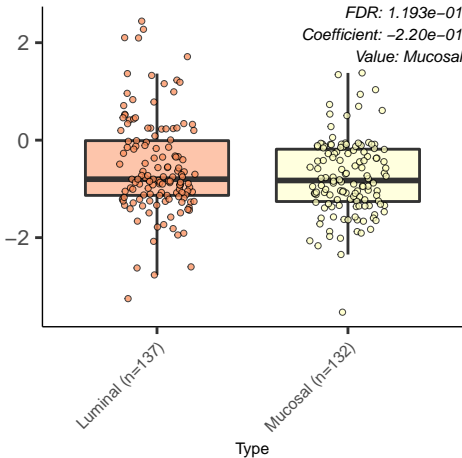
FDR: 1.140e-01
Coefficient: -2.24e-01
Value: Mucosal



d727291c9abb47ba09d6fba2de9836d0



b45093ff0a5e7aac10c4f9f4513e7613



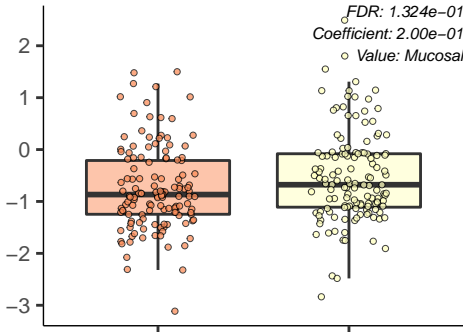
fda05925f9cfe9acbd1ec63617c7352a

FDR: 1.324e-01
Coefficient: 2.00e-01
Value: Mucosal

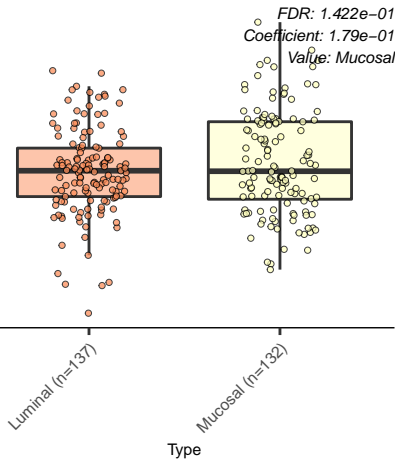
Luminal (n=137)

Mucosal (n=132)

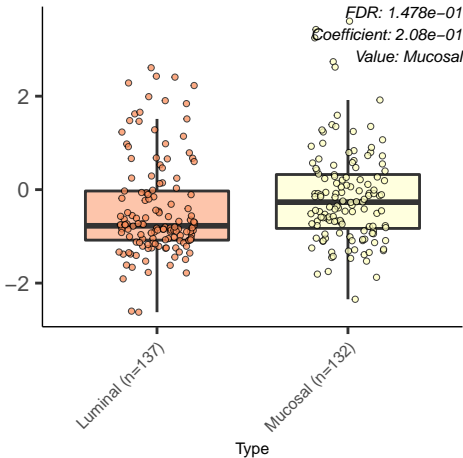
Type



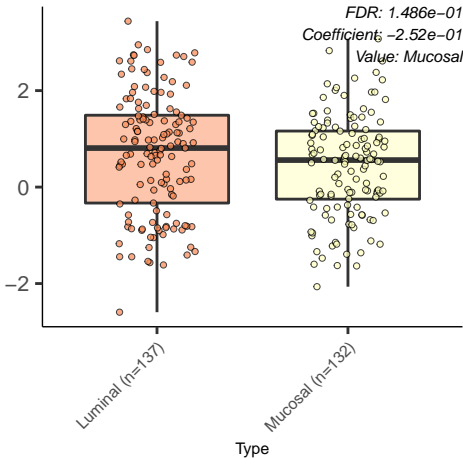
b08002696e45f7e121334d154e2f5d4a



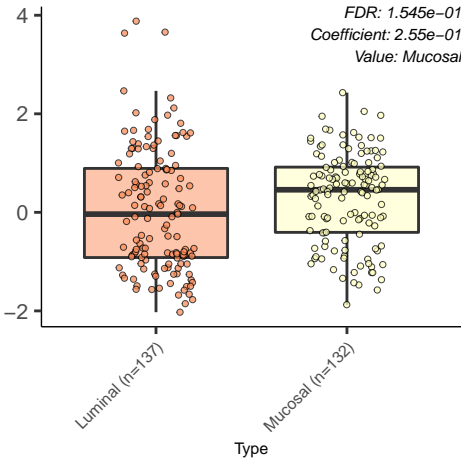
e48fb994a13cc5f14b93bd94b4dd8725



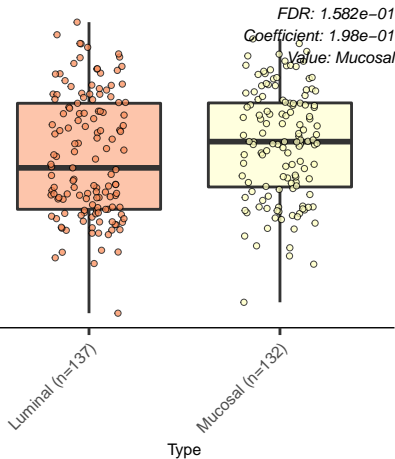
b221a65a4ab995abd7110ddcd600e1fb



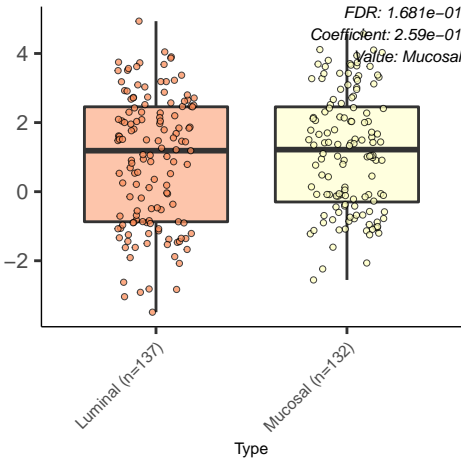
efe64b2cd066392c8b5379c583817500



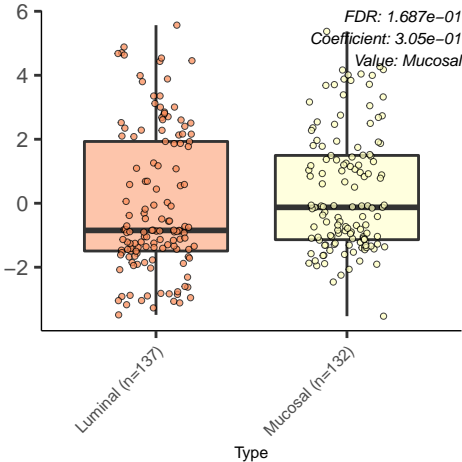
X3dc32de6cc2afb83c56da803d4ae8054



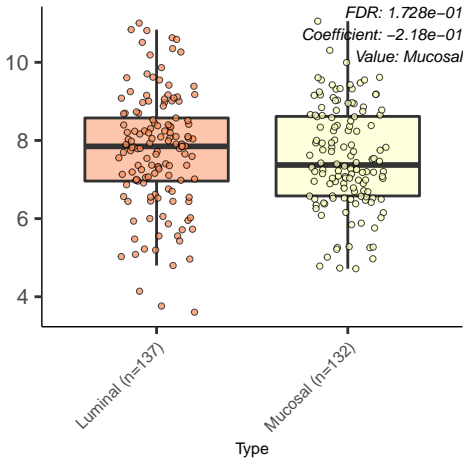
X80f2643f29f72653e1dcb14d6a129d8b



X772ad2feb9f19ddeace71e8e2e707858

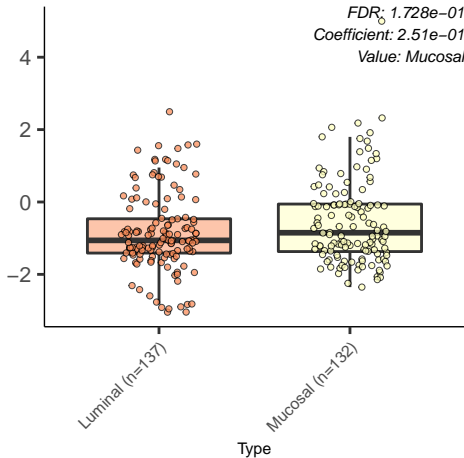


X2f65298490e0fe48b880145471ec54eb



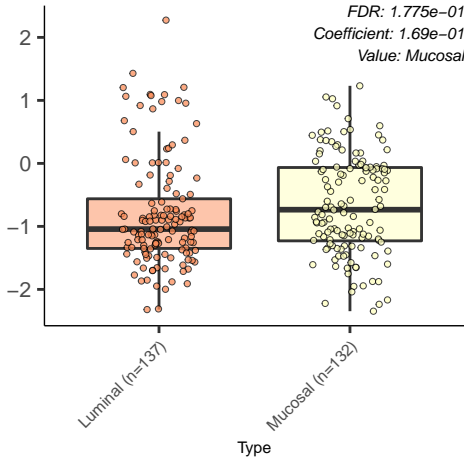
X96c7cedbae877361d087a8b39206d408

FDR: 1.728e-01
Coefficient: 2.51e-01
Value: Mucosal



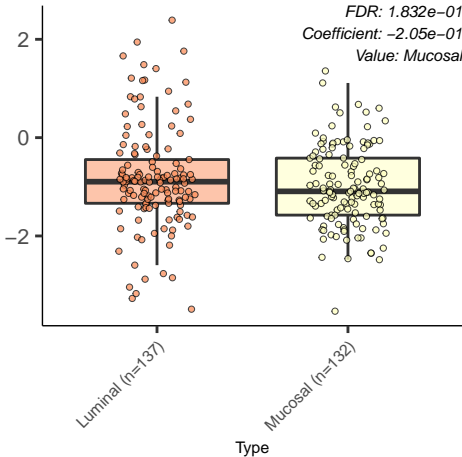
a8bb13e9e2b548216ed9a9619c1767a0

FDR: 1.775e-01
Coefficient: 1.69e-01
Value: Mucosal

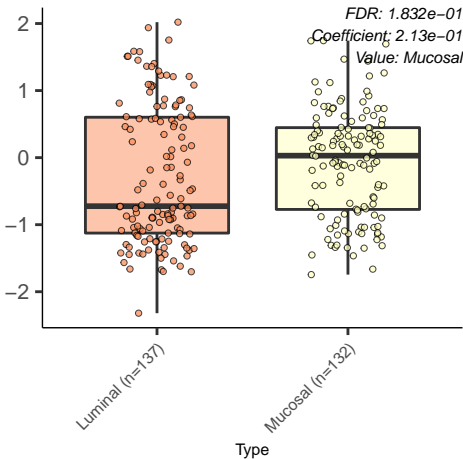


de2cd296cfdcb16ecb870a7721433d3

FDR: 1.832e-01
Coefficient: -2.05e-01
Value: Mucosal

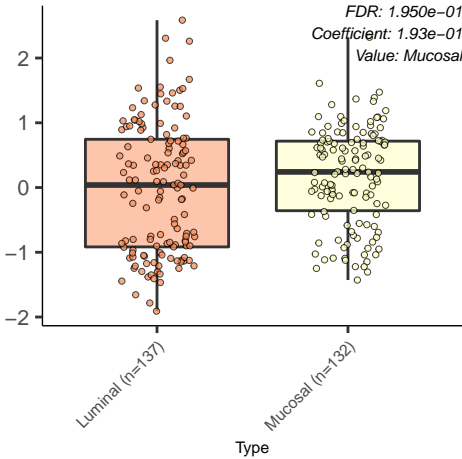


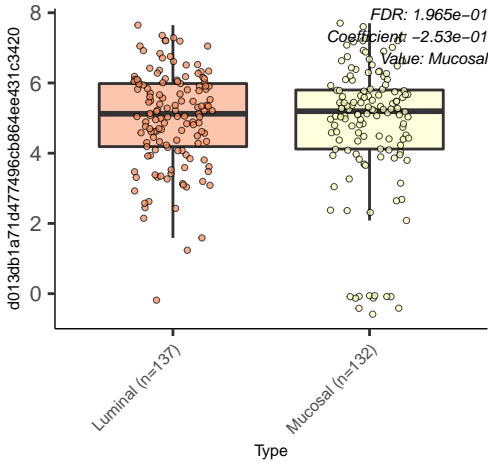
X49ca472812887fdafb9786d9995aa406



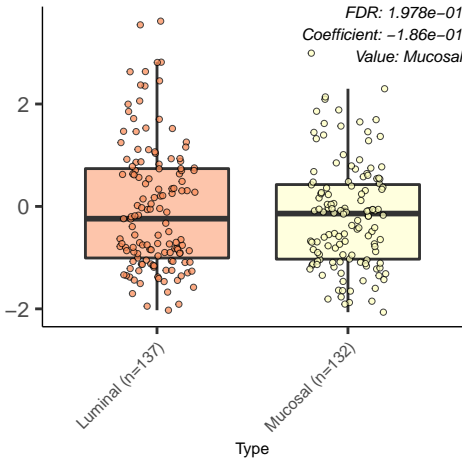
X7186c67c129c329bce7d6c988267b231

FDR: 1.950e-01
Coefficient: 1.93e-01
Value: Mucosal



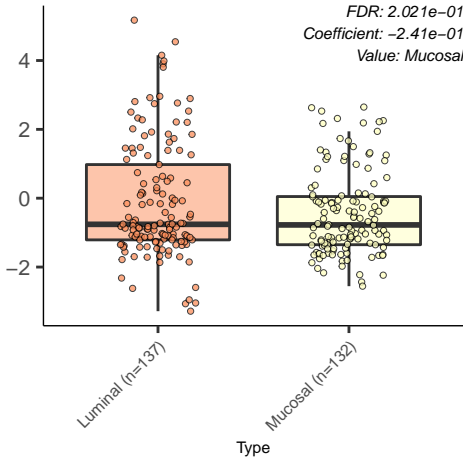


f7040b791e2687141adc7be4ad81afd4

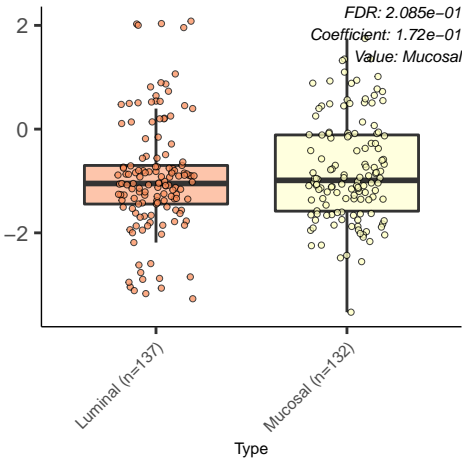


bbf6f74f140636ff3f33ef2bc3d892a3

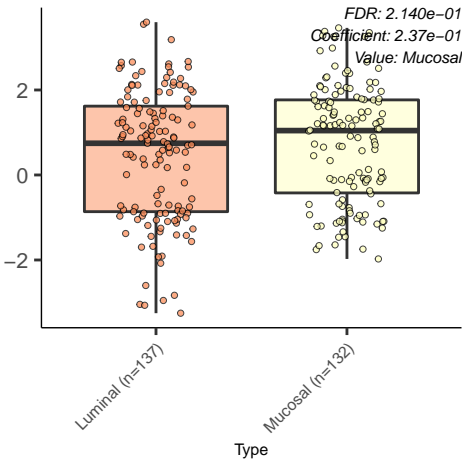
FDR: 2.021×10^{-1}
Coefficient: -2.41×10^{-1}
Value: Mucosal



X818cea4720b8bc475ccdf73579b06278

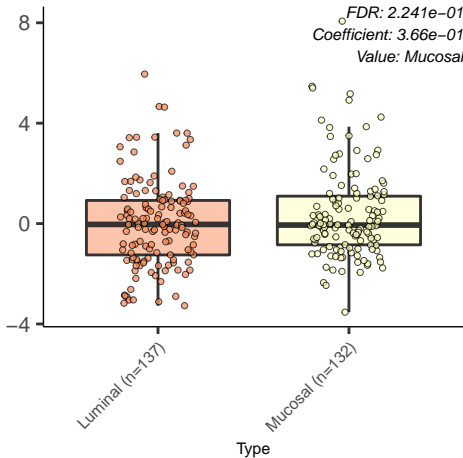


X2580cbc77481600b1be7553a25c35a83



X5adc2daa2981bc07e21b14d53496ff67

FDR: 2.241e-01
Coefficient: 3.66e-01
Value: Mucosal



X55b5e18dcec6eaff69b53b2c4cbb0a16

