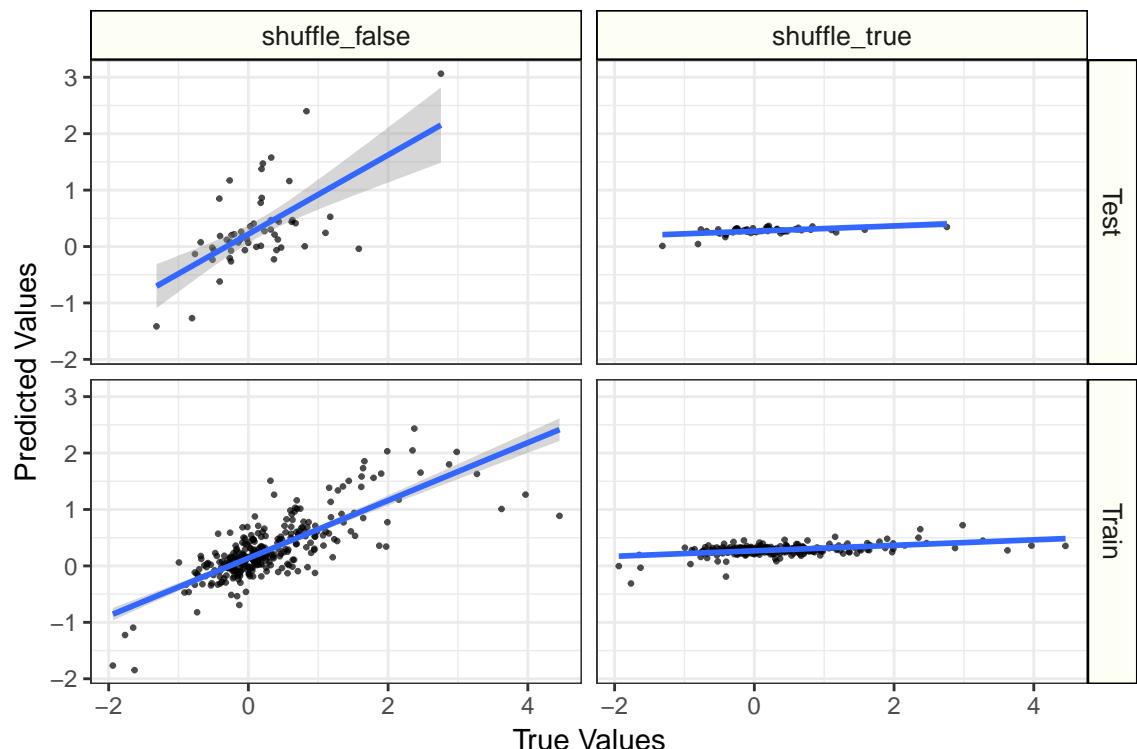
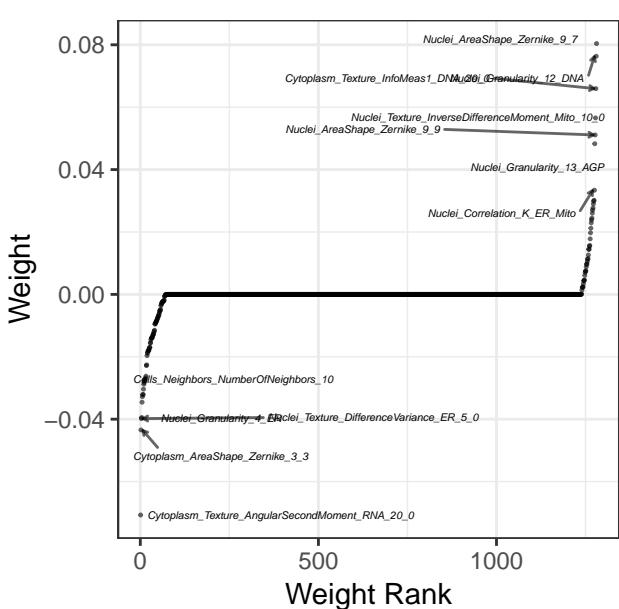


# Performance: cc\_all\_high\_n\_spots\_h2ax\_mean

Transform: raw

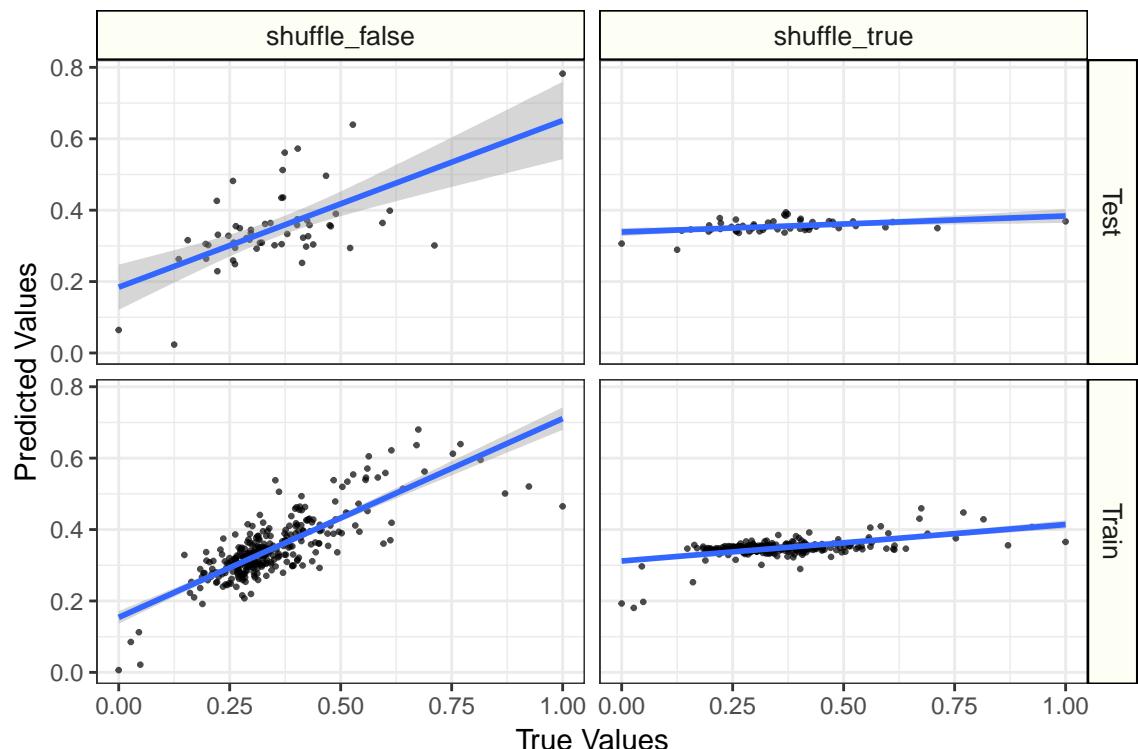


fit	shuffle	transform	r2	mse
Train	Real	raw	0.59	0.27
Test	Real	raw	0.04	0.39
Train	Shuffle	raw	0.09	0.60
Test	Shuffle	raw	0.03	0.39

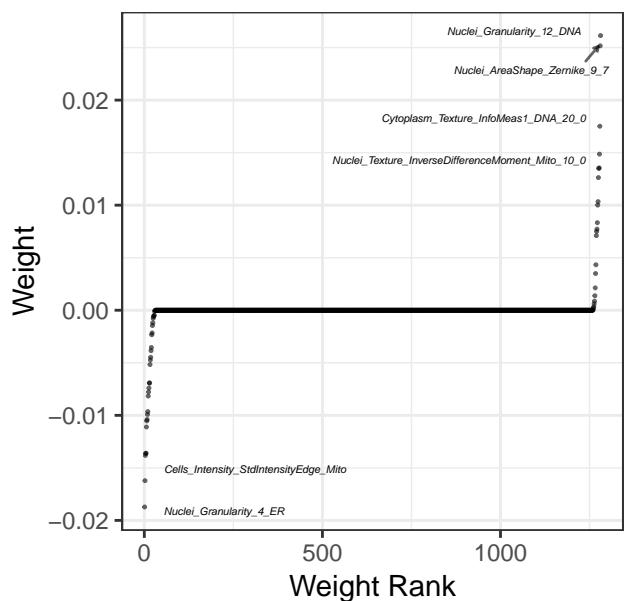


# Performance: cc\_all\_high\_n\_spots\_h2ax\_mean

Transform: zero-one

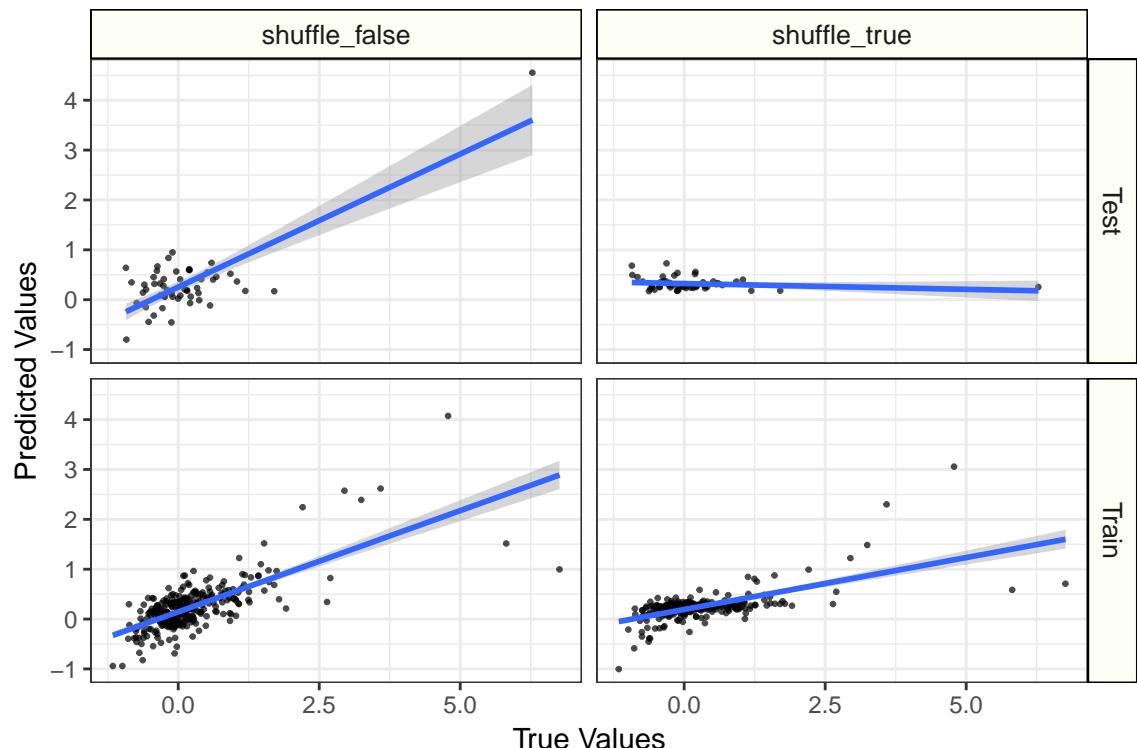


fit	shuffle	transform	r2	mse
Train	Real	zero-one	0.63	0.01
Test	Real	zero-one	0.37	0.02
Train	Shuffle	zero-one	0.17	0.01
Test	Shuffle	zero-one	0.08	0.02

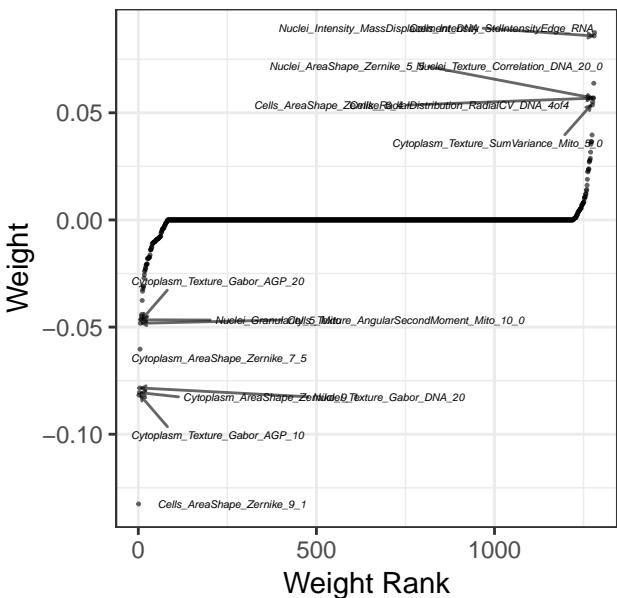


# Performance: cc\_all\_large\_notround\_polinuclear\_mean

Transform: raw

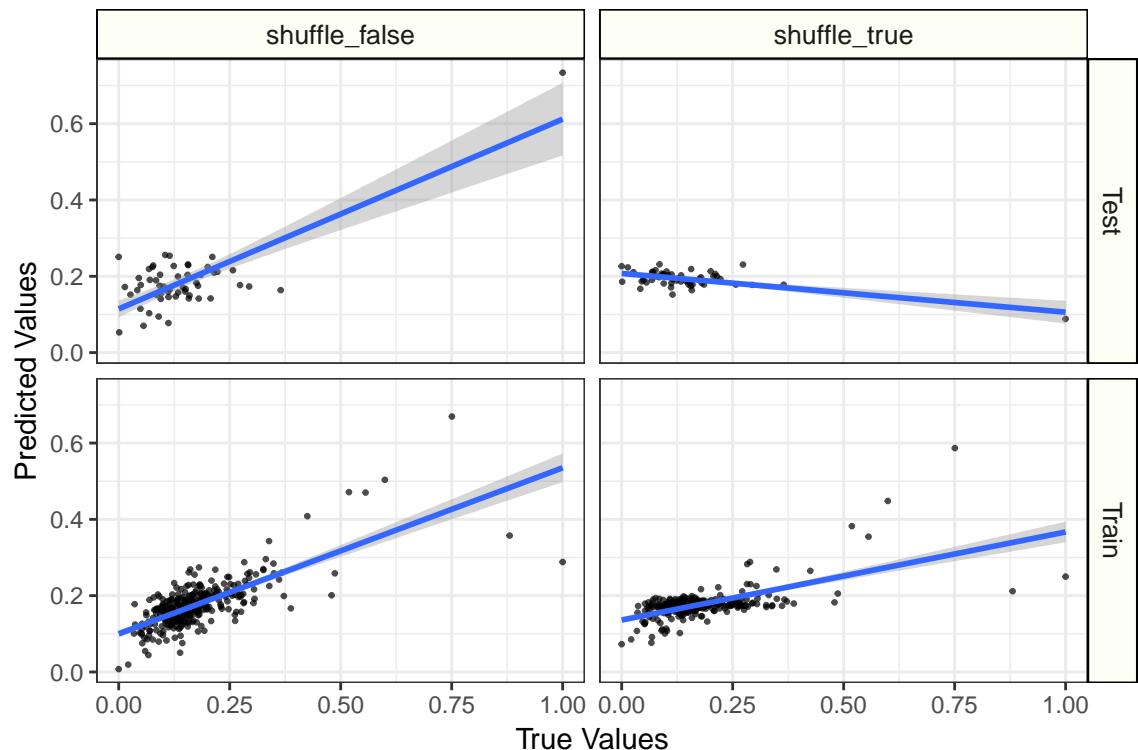


fit	shuffle	transform	r2	mse
Train	Real	raw	0.50	0.38
Test	Real	raw	0.58	0.42
Train	Shuffle	raw	0.31	0.53
Test	Shuffle	raw	-0.11	1.10

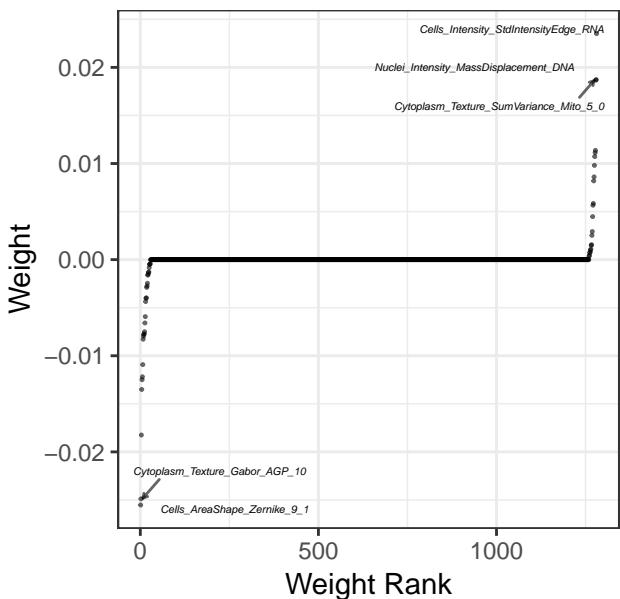


# Performance: cc\_all\_large\_notround\_polynuclear\_mean

Transform: zero-one

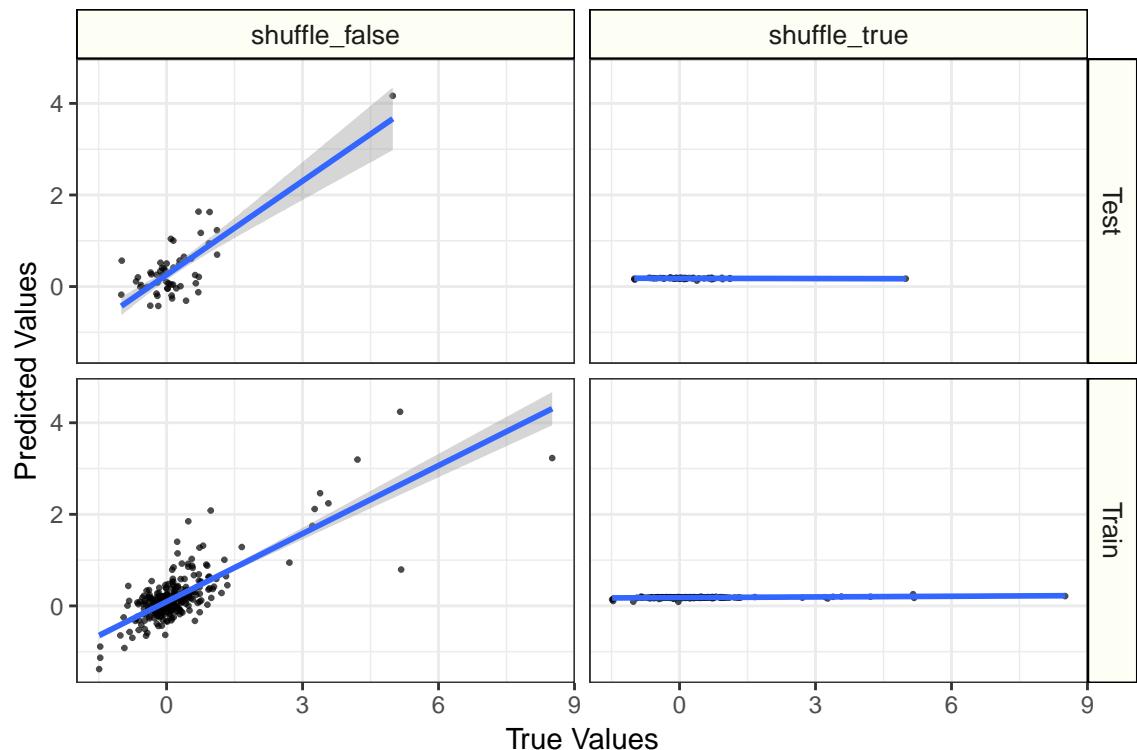


fit	shuffle	transform	r2	mse
Train	Real	zero-one	0.52	0.01
Test	Real	zero-one	0.50	0.01
Train	Shuffle	zero-one	0.33	0.01
Test	Shuffle	zero-one	-0.35	0.03

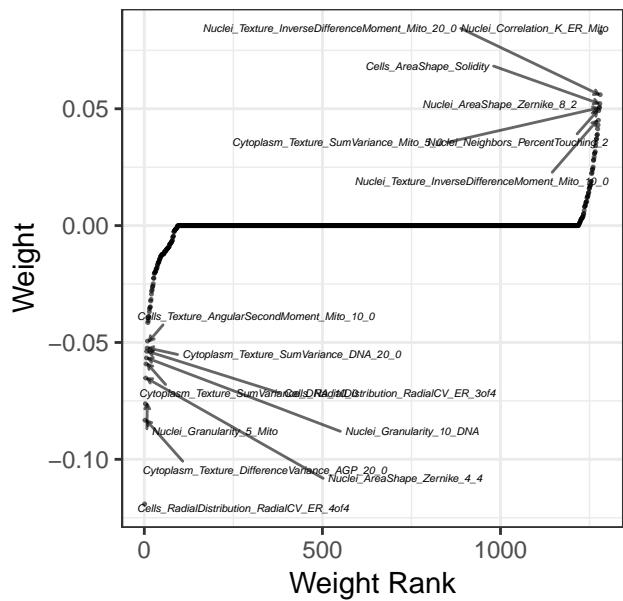


# Performance: cc\_all\_large\_round\_polyplloid\_mean

Transform: raw

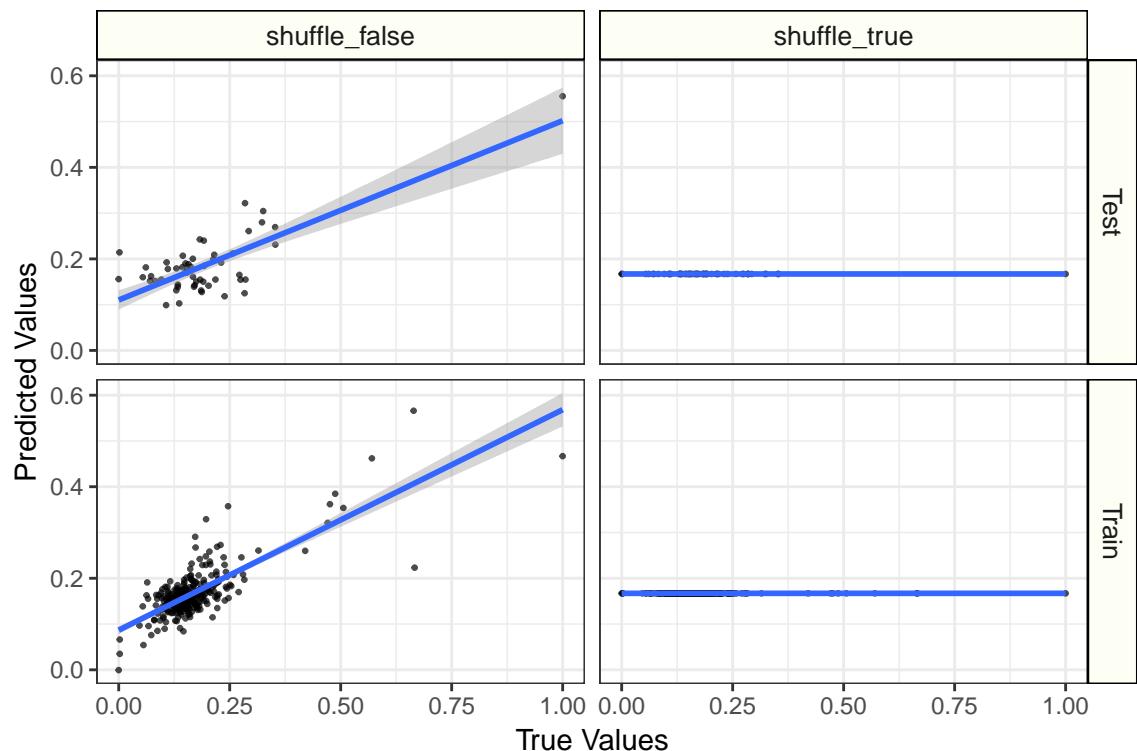


fit	shuffle	transform	r2	mse
Train	Real	raw	0.60	0.33
Test	Real	raw	0.59	0.28
Train	Shuffle	raw	0.01	0.81
Test	Shuffle	raw	0.00	0.68

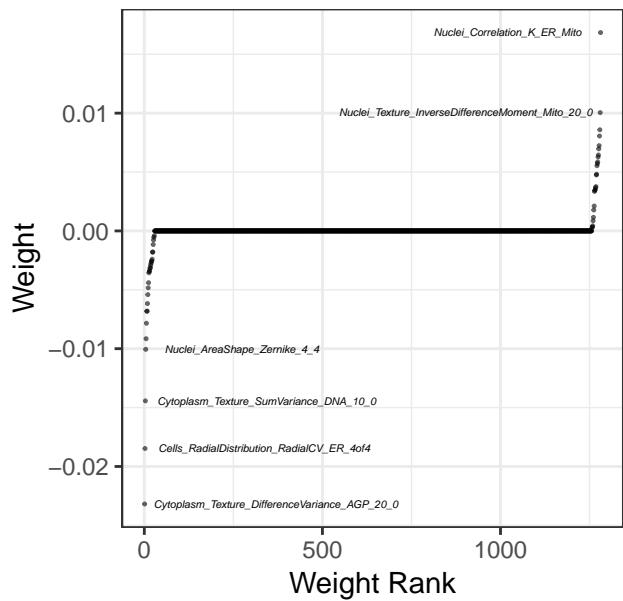


# Performance: cc\_all\_large\_round\_polyplloid\_mean

Transform: zero-one

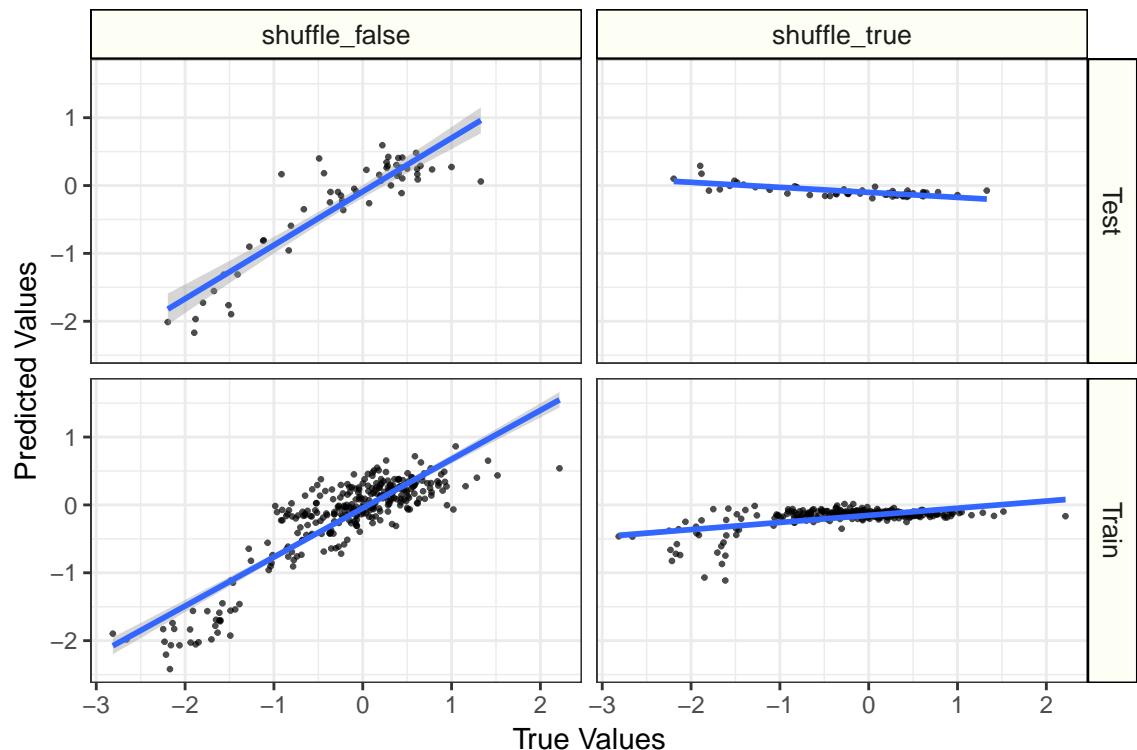


fit	shuffle	transform	r2	mse
Train	Real	zero-one	0.58	0.00
Test	Real	zero-one	0.53	0.01
Train	Shuffle	zero-one	0.00	0.01
Test	Shuffle	zero-one	-0.04	0.02

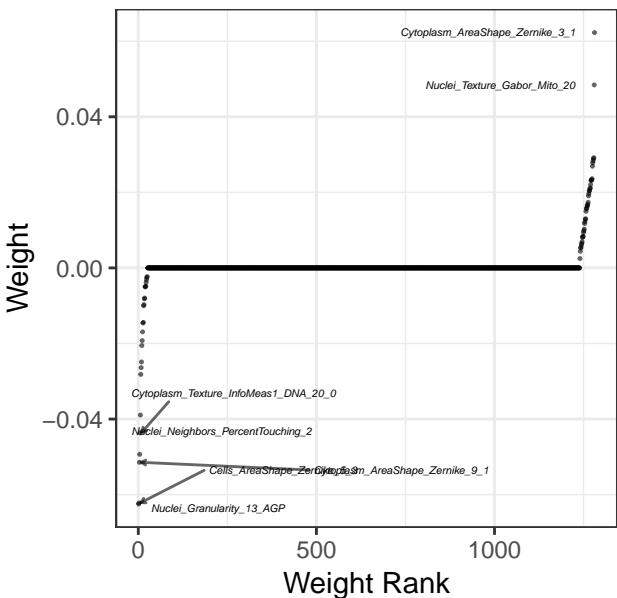


# Performance: cc\_all\_n\_objects

Transform: raw

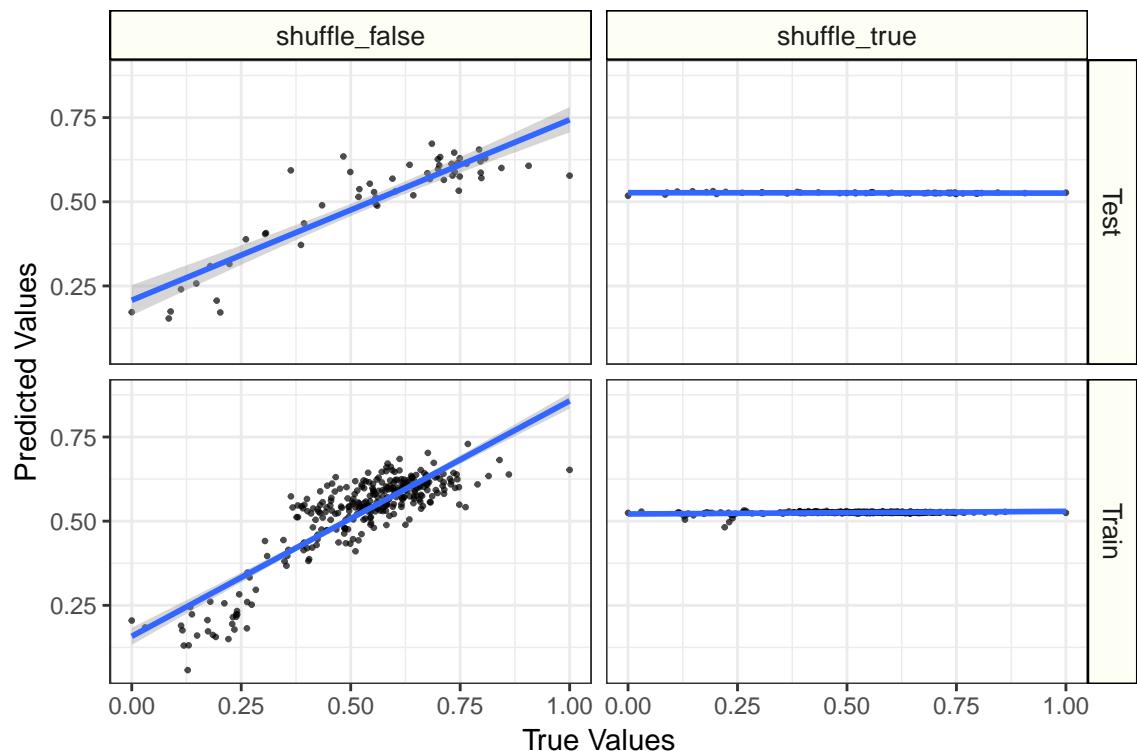


fit	shuffle	transform	r2	mse
Train	Real	raw	0.76	0.14
Test	Real	raw	0.80	0.14
Train	Shuffle	raw	0.18	0.49
Test	Shuffle	raw	-0.19	0.86

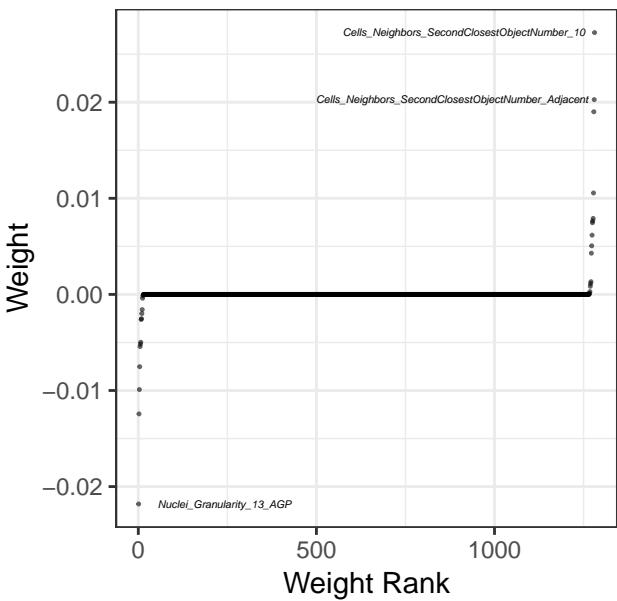


# Performance: cc\_all\_n\_objects

Transform: zero-one

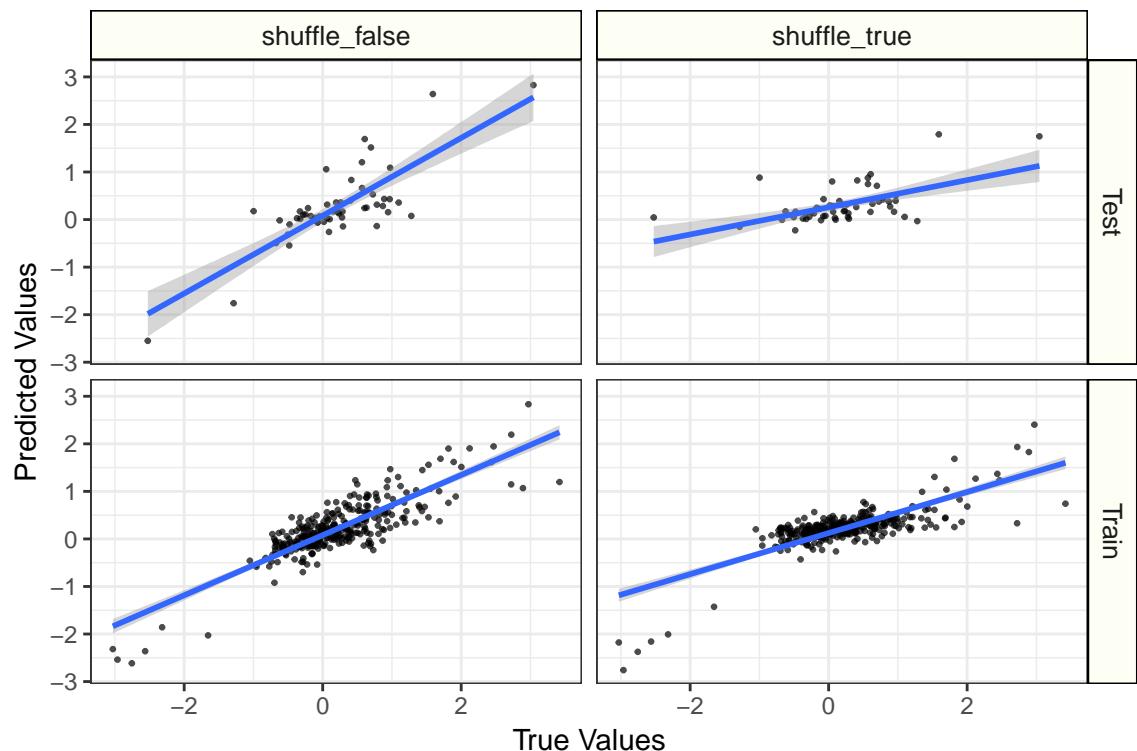


fit	shuffle	transform	r2	mse
Train	Real	zero-one	0.74	0.01
Test	Real	zero-one	0.67	0.02
Train	Shuffle	zero-one	0.02	0.02
Test	Shuffle	zero-one	-0.02	0.06

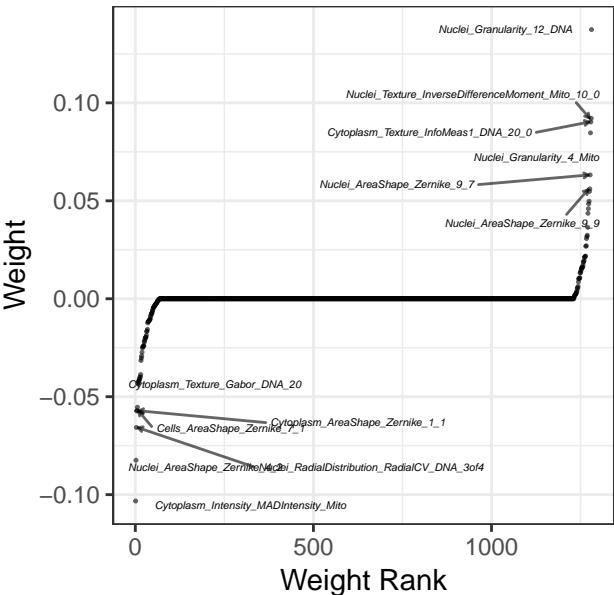


# Performance: cc\_all\_n\_spots\_mean

Transform: raw

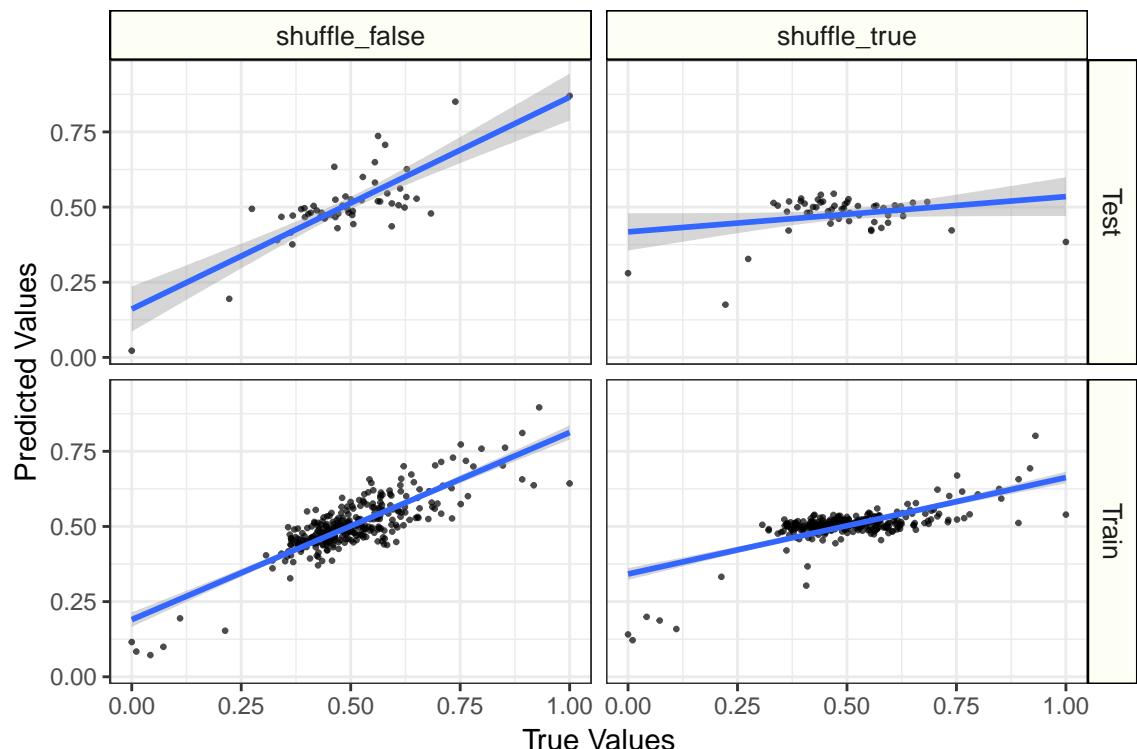


fit	shuffle	transform	r2	mse
Train	Real	raw	0.71	0.20
Test	Real	raw	0.60	0.25
Train	Shuffle	raw	0.55	0.30
Test	Shuffle	raw	0.30	0.43

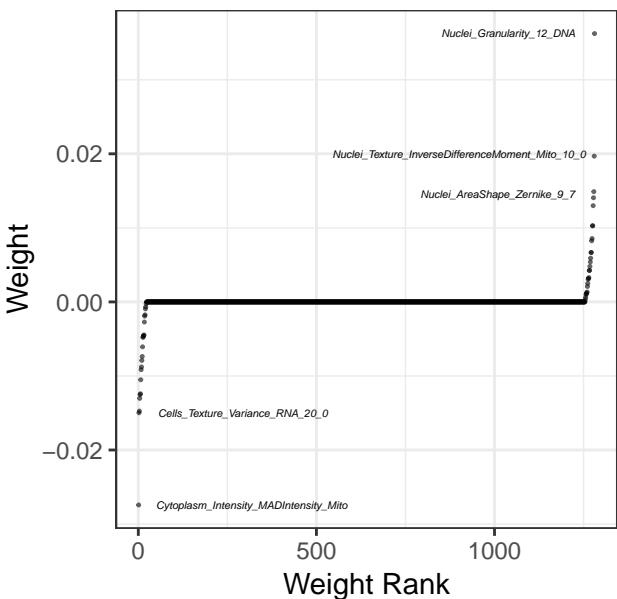


# Performance: cc\_all\_n\_spots\_mean

Transform: zero-one

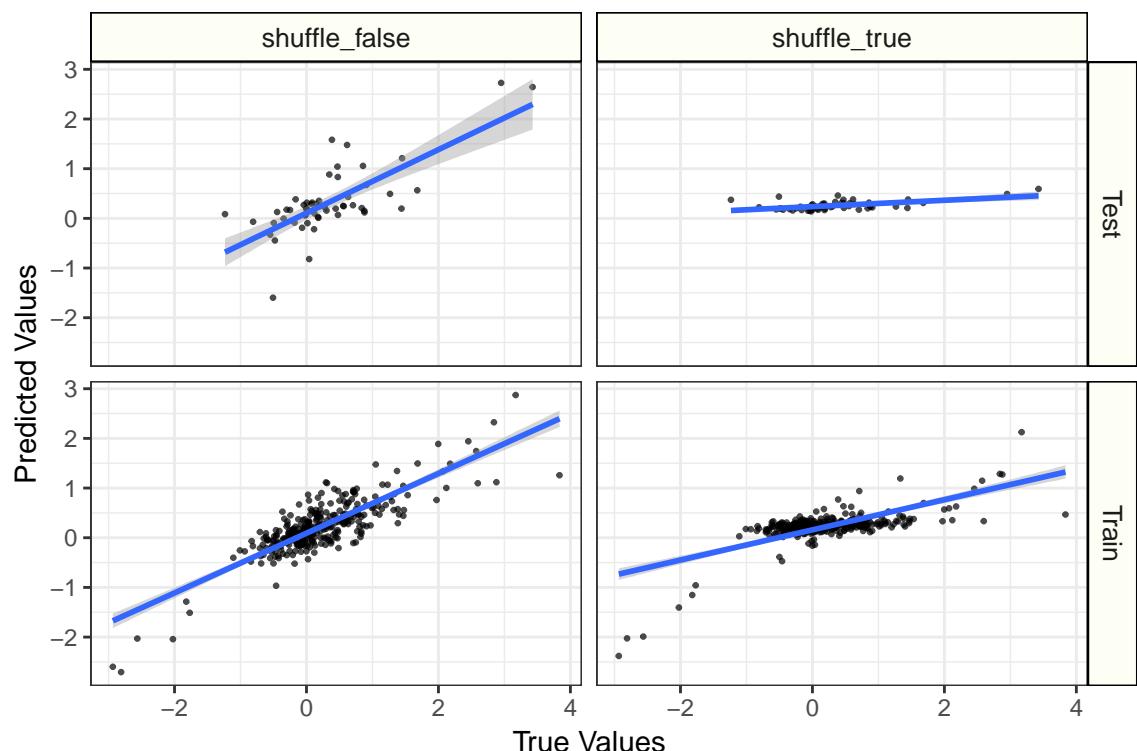


fit	shuffle	transform	r2	mse
Train	Real	zero-one	0.69	0.00
Test	Real	zero-one	0.62	0.01
Train	Shuffle	zero-one	0.43	0.01
Test	Shuffle	zero-one	0.02	0.02

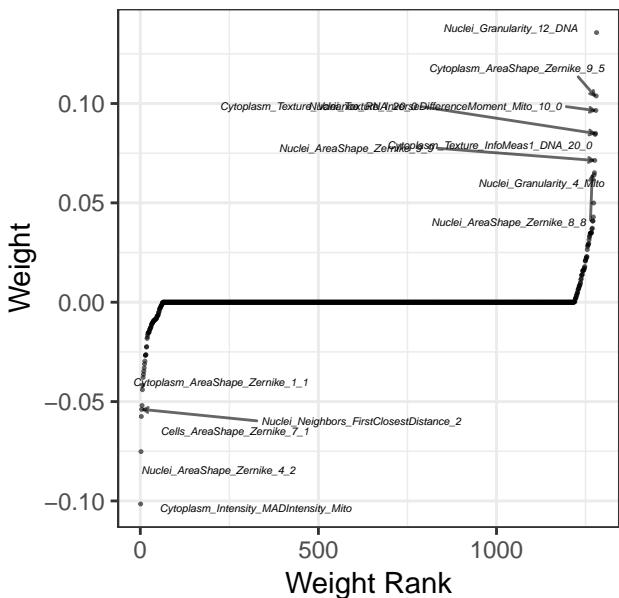


# Performance: cc\_all\_n\_spots\_per\_nucleus\_area\_mean

Transform: raw

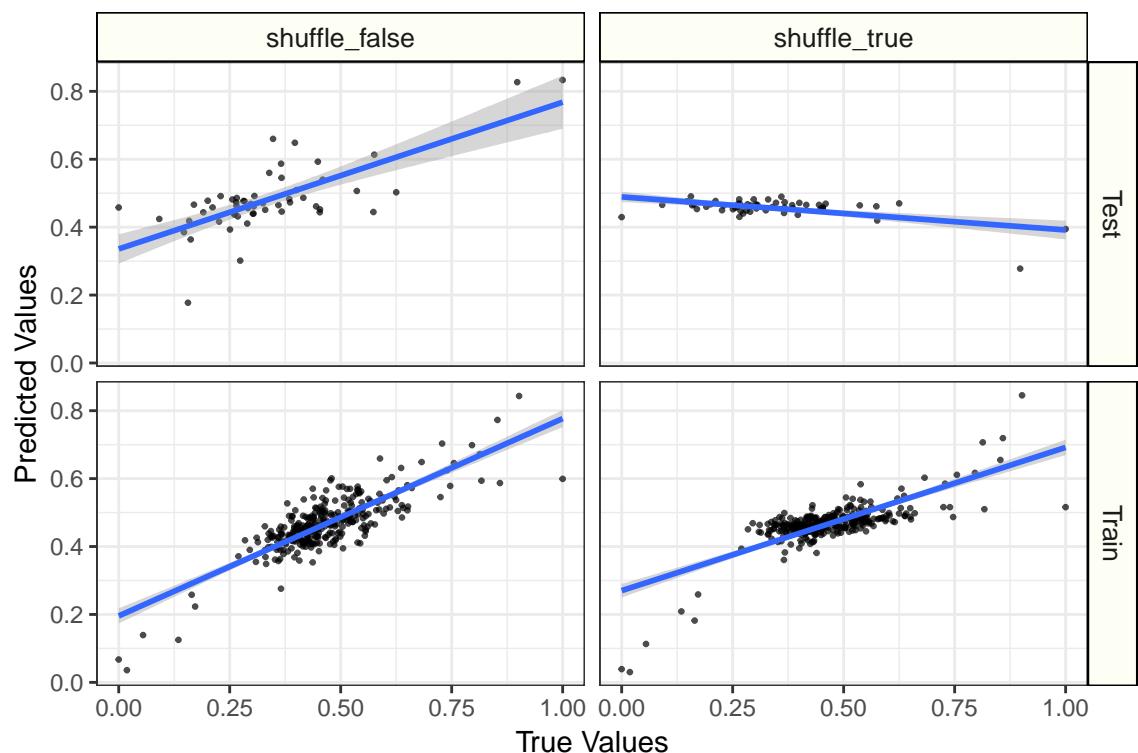


fit	shuffle	transform	r2	mse
Train	Real	raw	0.68	0.20
Test	Real	raw	0.54	0.29
Train	Shuffle	raw	0.42	0.37
Test	Shuffle	raw	0.10	0.56

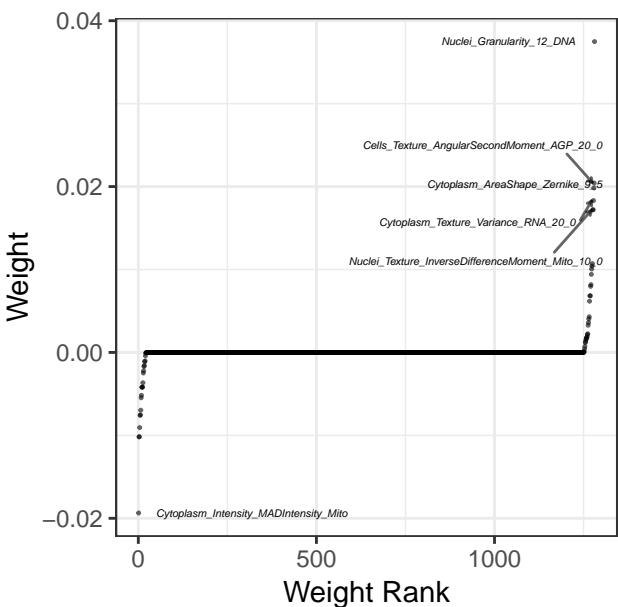


# Performance: cc\_all\_n\_spots\_per\_nucleus\_area\_mean

Transform: zero-one

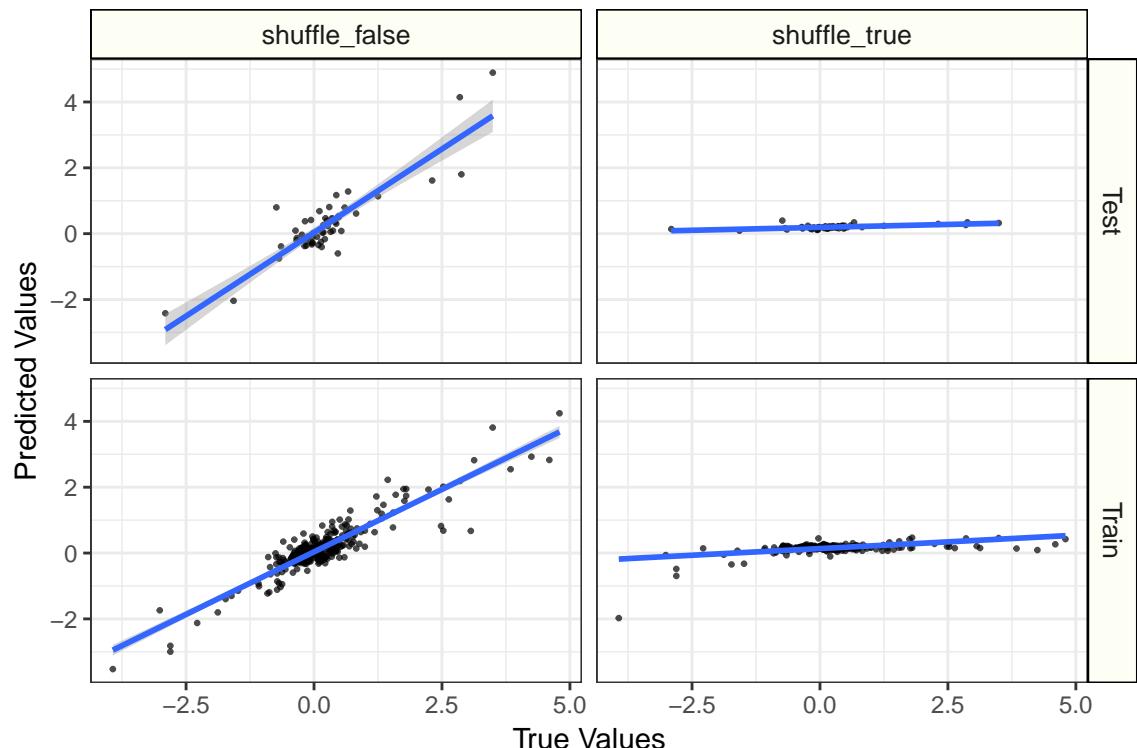


fit	shuffle	transform	r2	mse
Train	Real	zero-one	0.66	0.00
Test	Real	zero-one	-0.21	0.03
Train	Shuffle	zero-one	0.53	0.01
Test	Shuffle	zero-one	-0.71	0.05

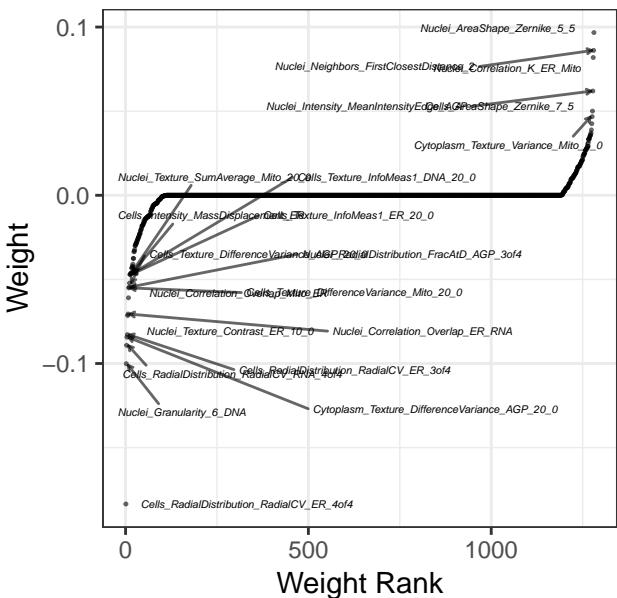


# Performance: cc\_all\_nucleus\_area\_mean

Transform: raw

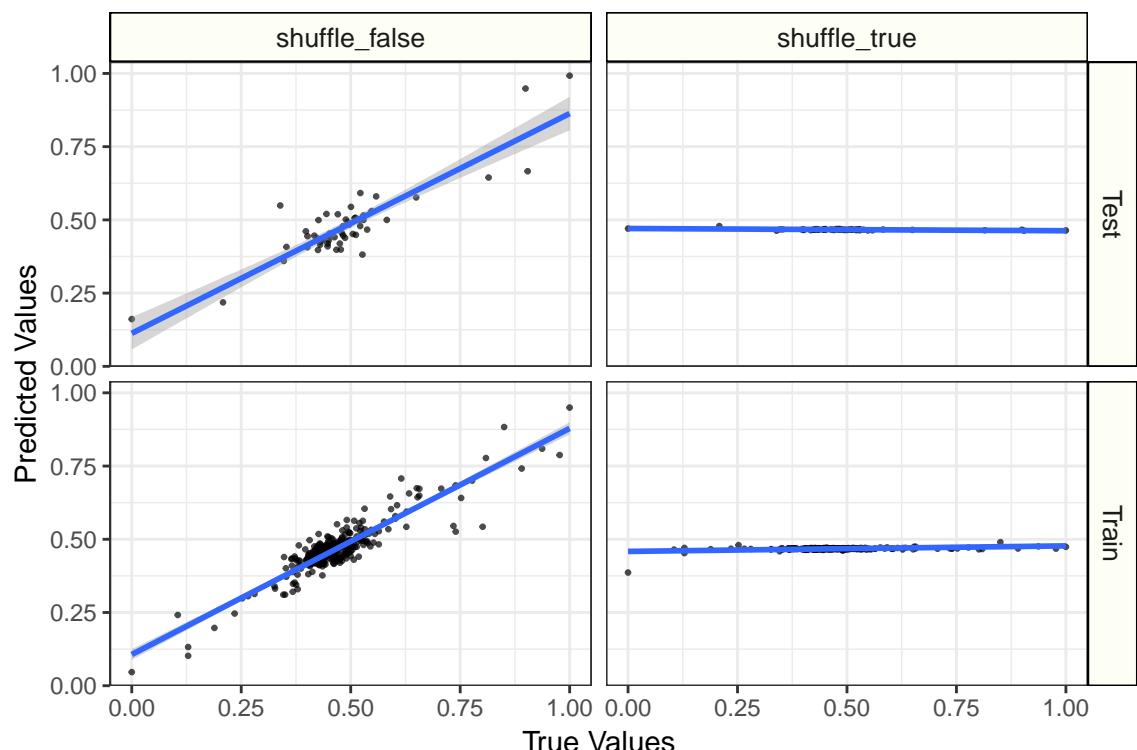


fit	shuffle	transform	r2	mse
Train	Real	raw	0.83	0.16
Test	Real	raw	0.73	0.25
Train	Shuffle	raw	0.13	0.78
Test	Shuffle	raw	0.07	0.85

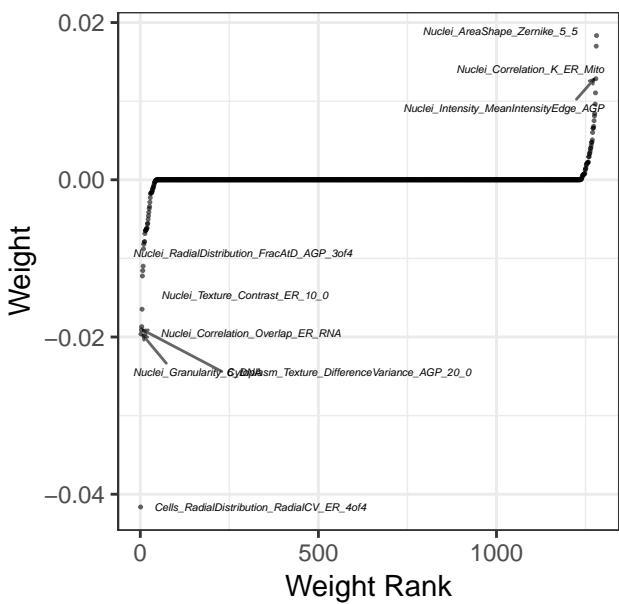


# Performance: cc\_all\_nucleus\_area\_mean

Transform: zero-one

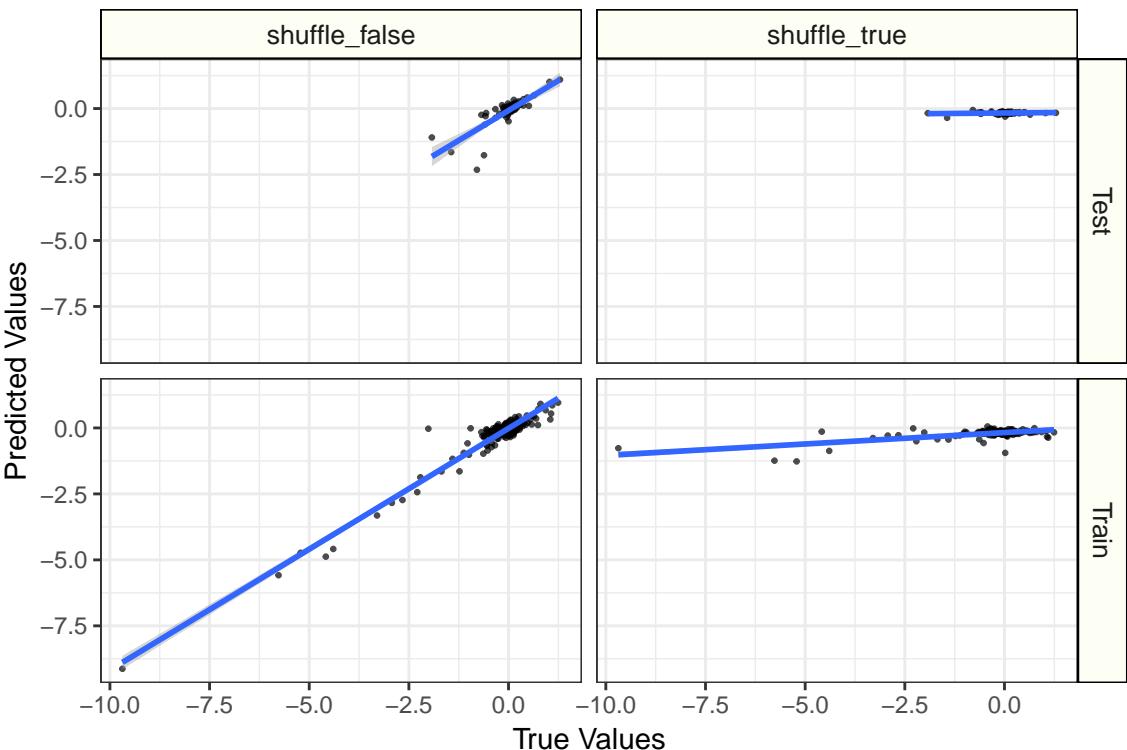


fit	shuffle	transform	r2	mse
Train	Real	zero-one	0.83	0.00
Test	Real	zero-one	0.78	0.00
Train	Shuffle	zero-one	0.04	0.01
Test	Shuffle	zero-one	-0.04	0.02

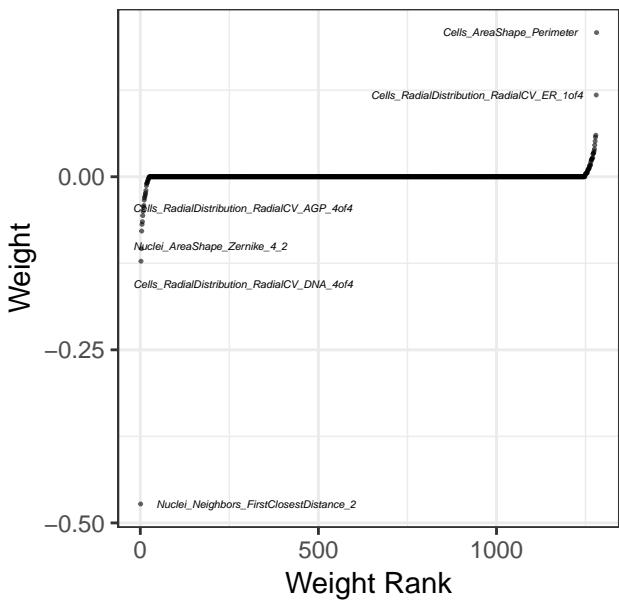


# Performance: cc\_all\_nucleus\_roundness\_mean

Transform: raw

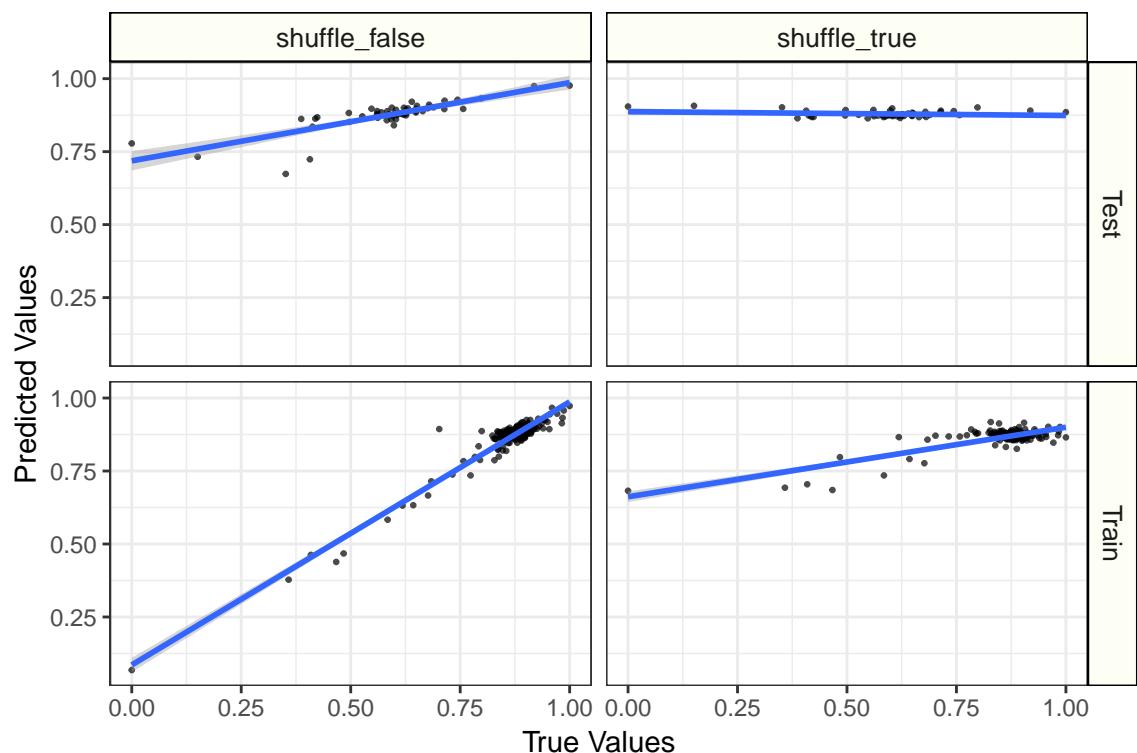


fit	shuffle	transform	r2	mse
Train	Real	raw	0.94	0.05
Test	Real	raw	0.52	0.12
Train	Shuffle	raw	0.15	0.72
Test	Shuffle	raw	-0.07	0.26

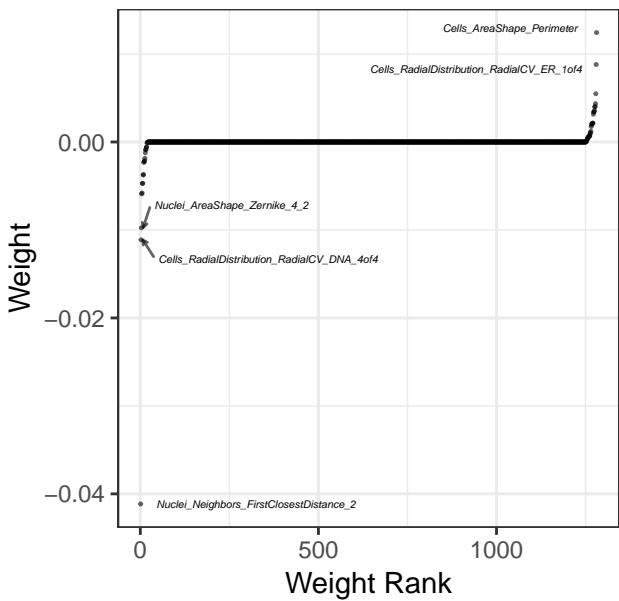


# Performance: cc\_all\_nucleus\_roundness\_mean

Transform: zero-one

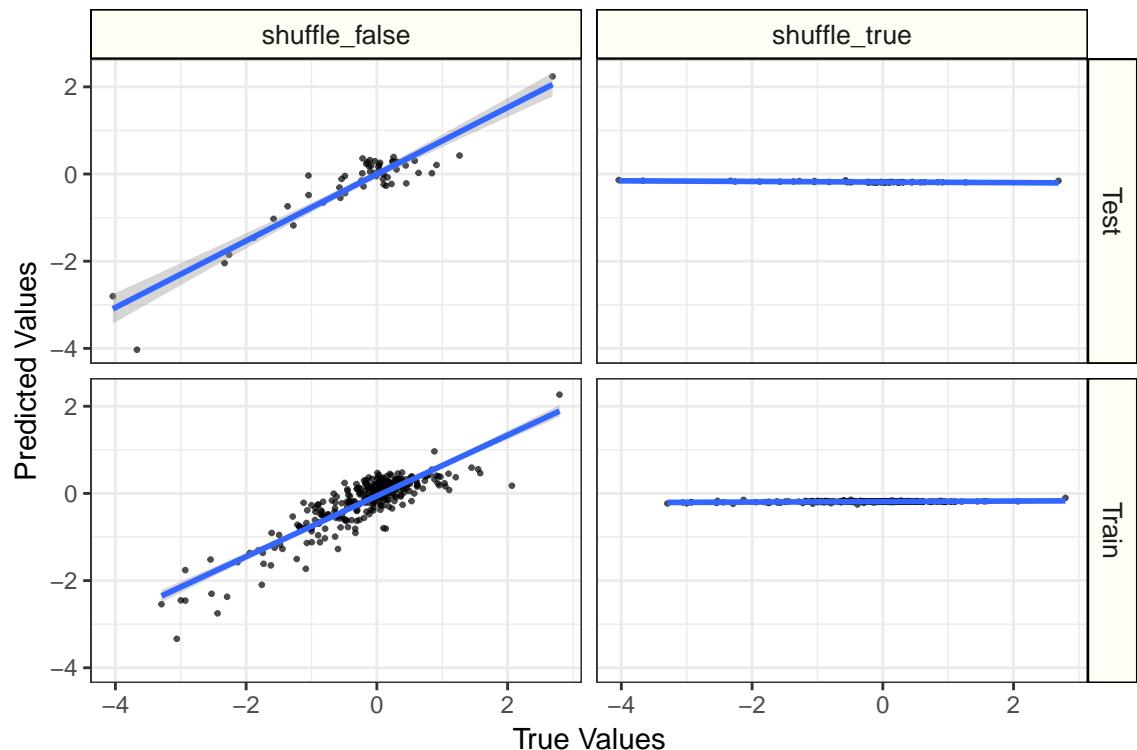


fit	shuffle	transform	r2	mse
Train	Real	zero-one	0.93	0.00
Test	Real	zero-one	-3.11	0.10
Train	Shuffle	zero-one	0.39	0.00
Test	Shuffle	zero-one	-3.64	0.11

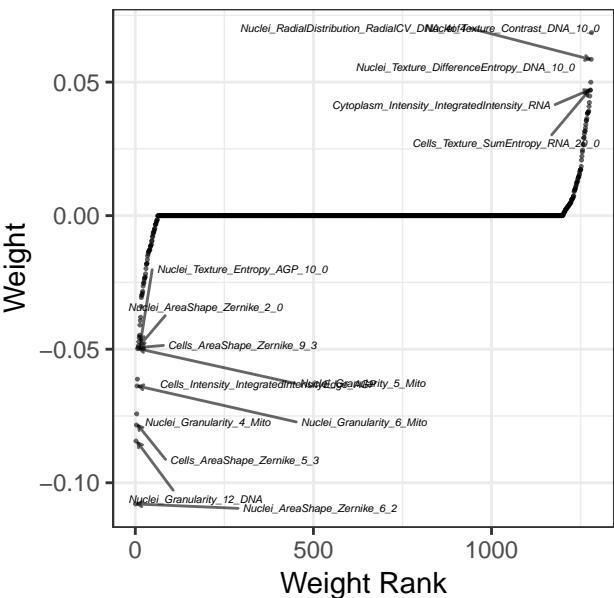


# Performance: cc\_cc\_edu\_pos\_mean

Transform: raw

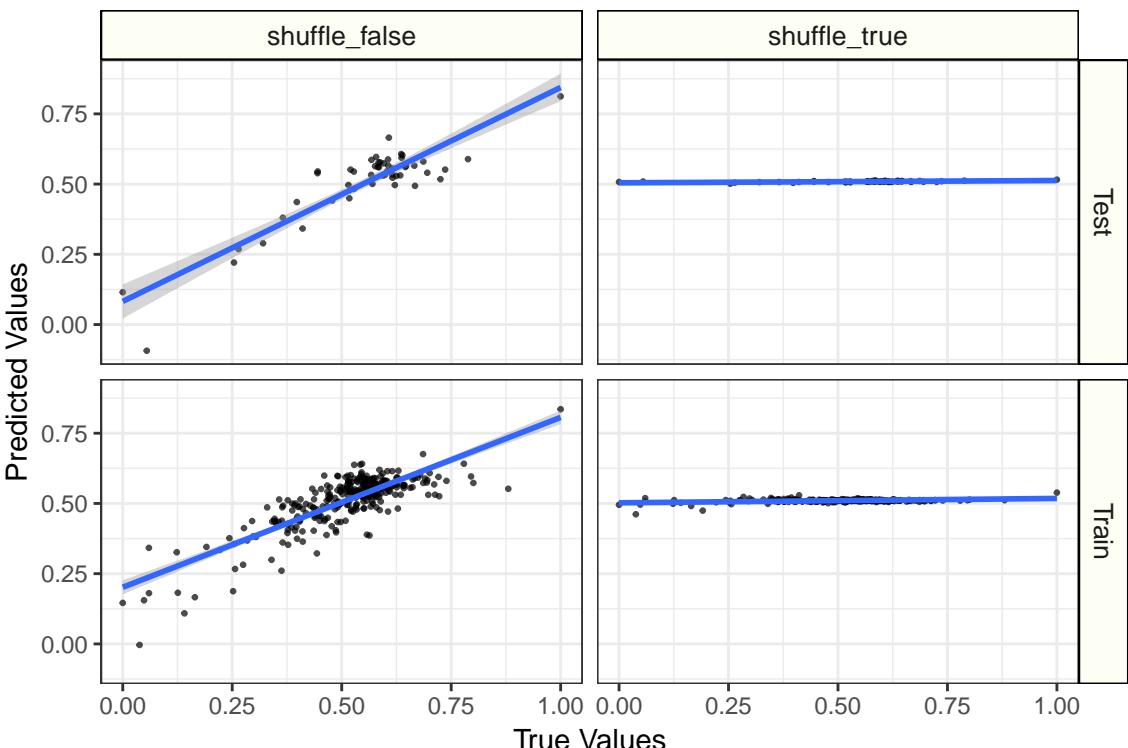


fit	shuffle	transform	r2	mse
Train	Real	raw	0.76	0.15
Test	Real	raw	0.85	0.18
Train	Shuffle	raw	0.01	0.62
Test	Shuffle	raw	-0.02	1.18

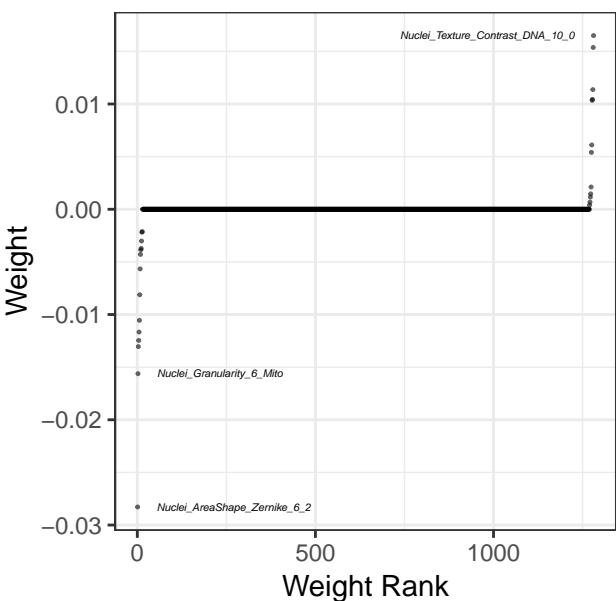


# Performance: cc\_cc\_edu\_pos\_mean

Transform: zero-one

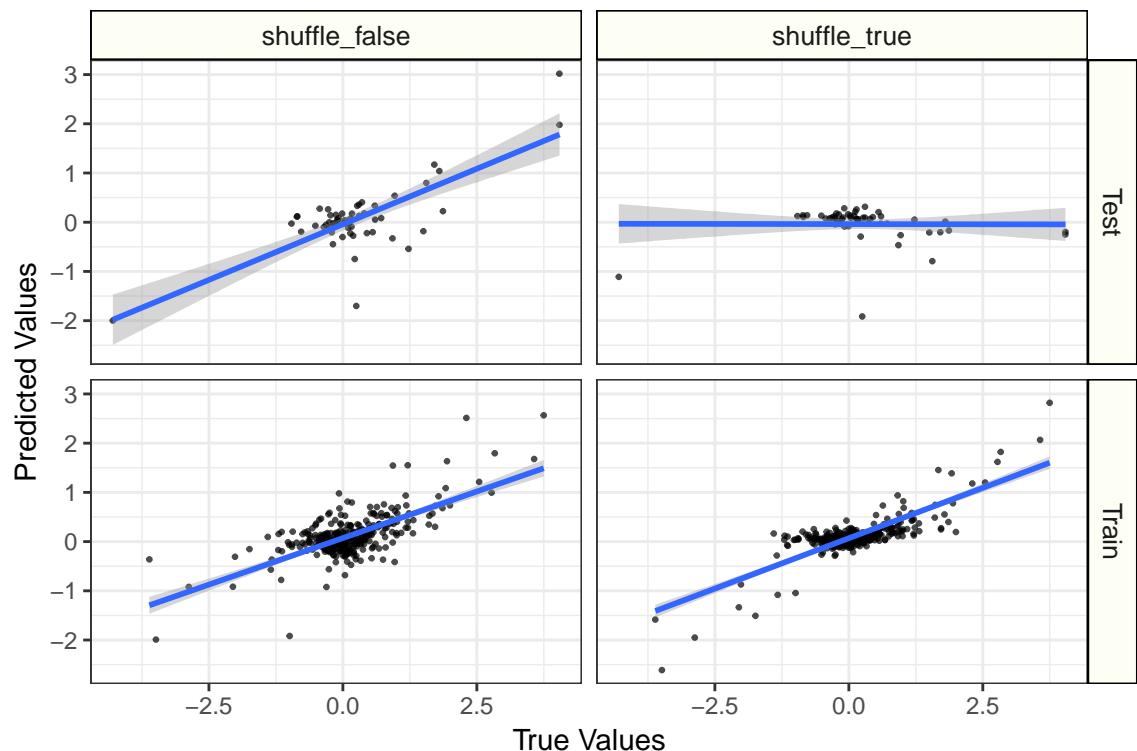


fit	shuffle	transform	r2	mse
Train	Real	zero-one	0.67	0.01
Test	Real	zero-one	0.70	0.01
Train	Shuffle	zero-one	0.03	0.02
Test	Shuffle	zero-one	-0.08	0.03

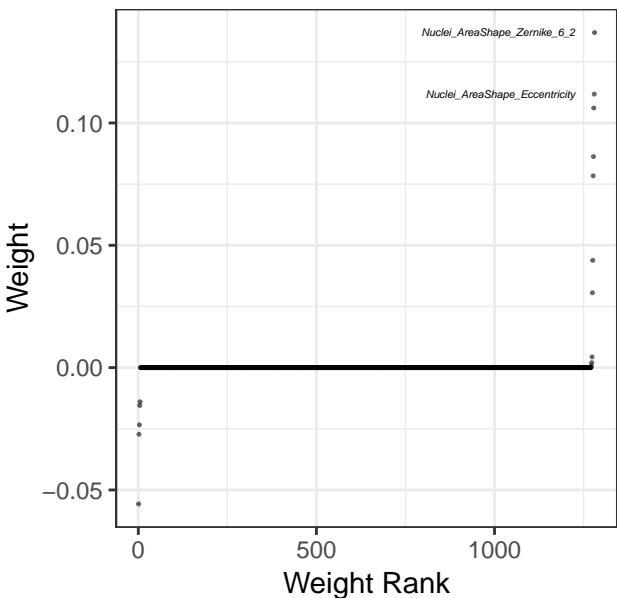


# Performance: cc\_cc\_g1\_mean

Transform: raw



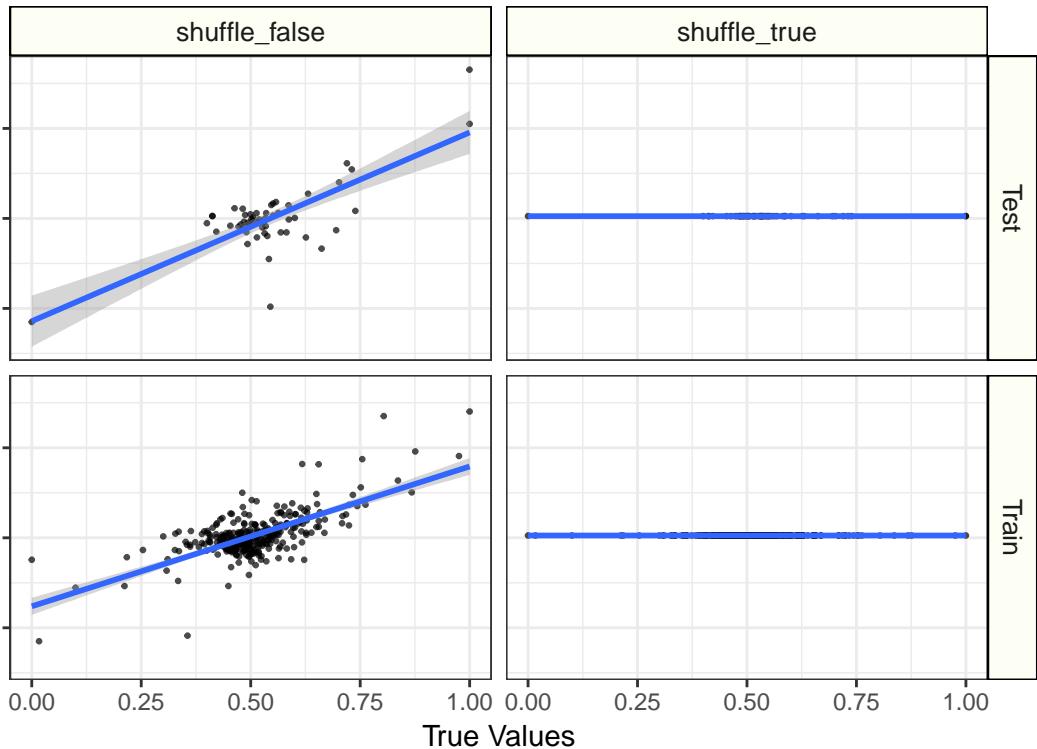
fit	shuffle	transform	r2	mse
Train	Real	raw	0.46	0.37
Test	Real	raw	0.52	0.64
Train	Shuffle	raw	0.56	0.30
Test	Shuffle	raw	-0.17	1.55



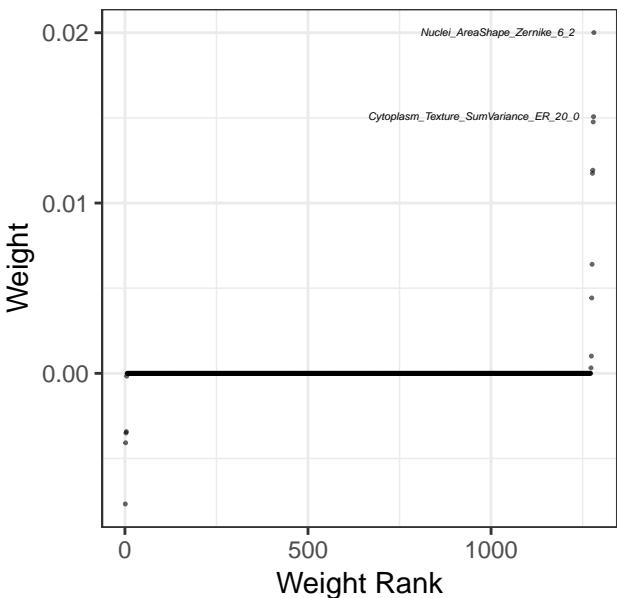
# Performance: cc\_cc\_g1\_mean

Transform: zero-one

Predicted Values

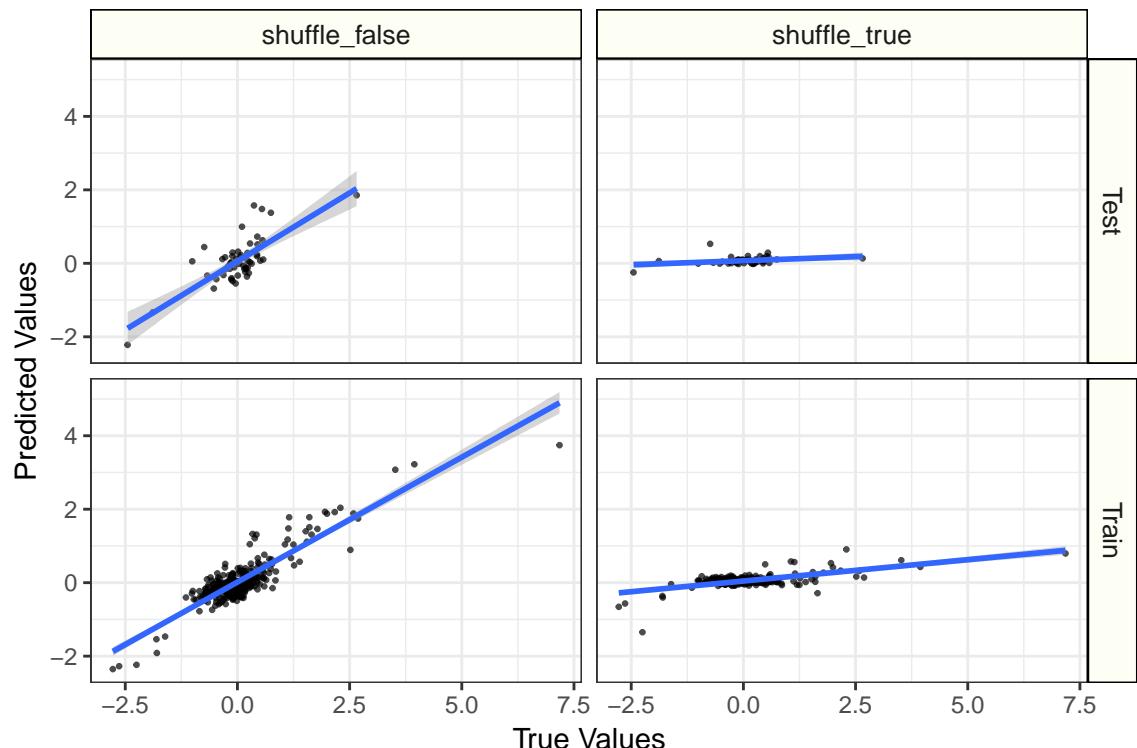


fit	shuffle	transform	r2	mse
Train	Real	zero-one	0.46	0.01
Test	Real	zero-one	0.46	0.01
Train	Shuffle	zero-one	0.00	0.01
Test	Shuffle	zero-one	-0.08	0.02

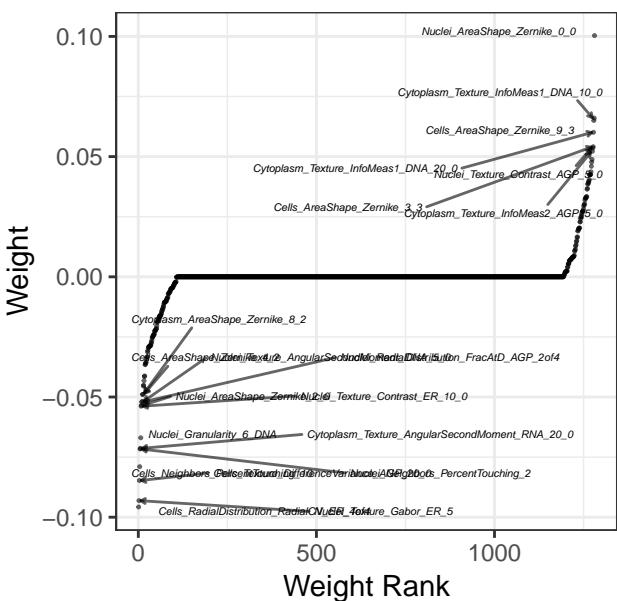


# Performance: cc\_cc\_g2\_ph3\_neg\_mean

Transform: raw

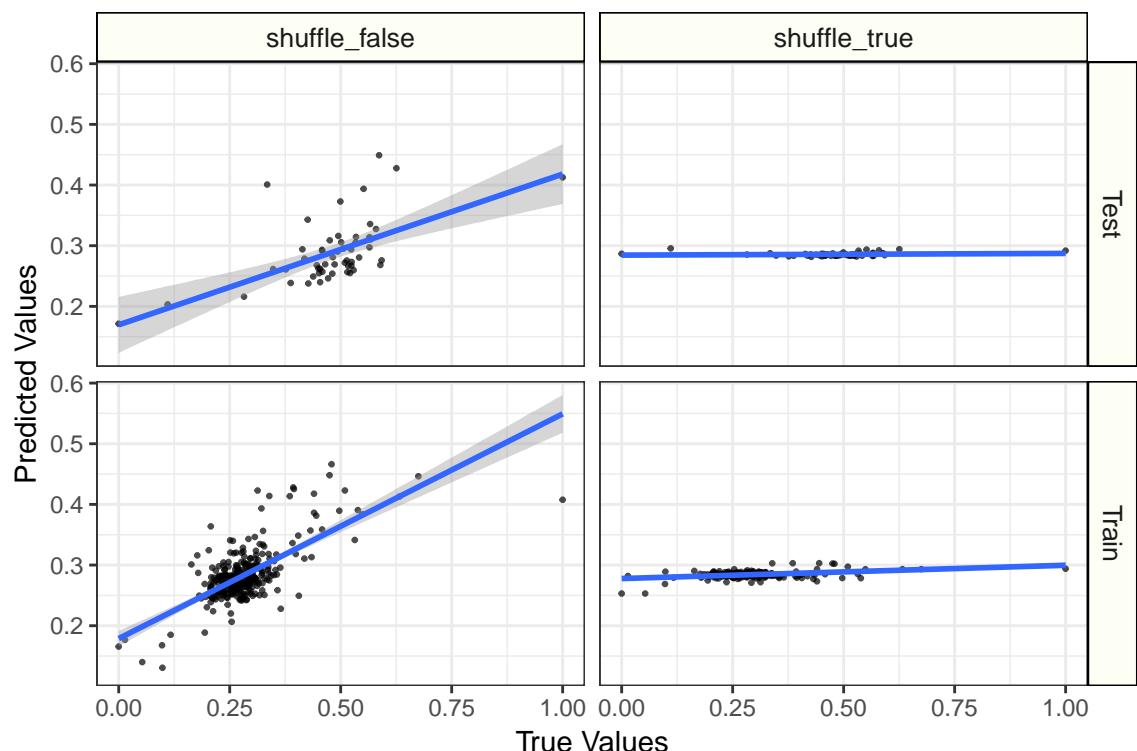


fit	shuffle	transform	r2	mse
Train	Real	raw	0.77	0.17
Test	Real	raw	0.53	0.20
Train	Shuffle	raw	0.20	0.57
Test	Shuffle	raw	0.06	0.40

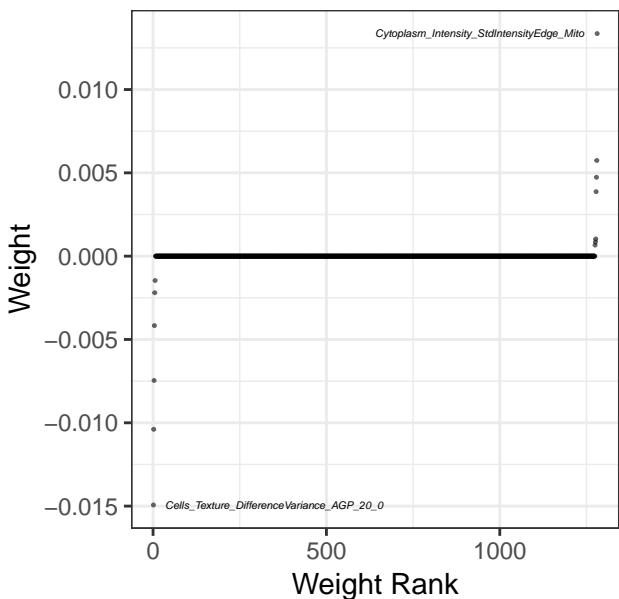


# Performance: cc\_cc\_g2\_ph3\_neg\_mean

Transform: zero-one

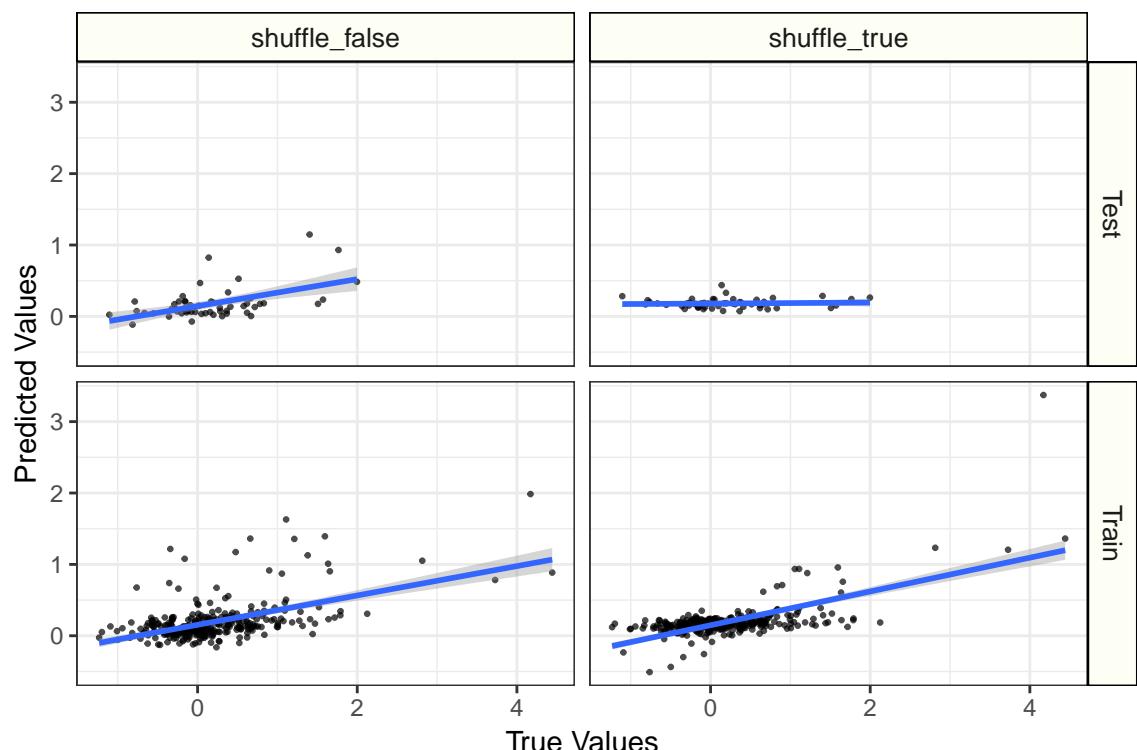


fit	shuffle	transform	r2	mse
Train	Real	zero-one	0.46	0.00
Test	Real	zero-one	-1.94	0.05
Train	Shuffle	zero-one	0.04	0.01
Test	Shuffle	zero-one	-2.35	0.05

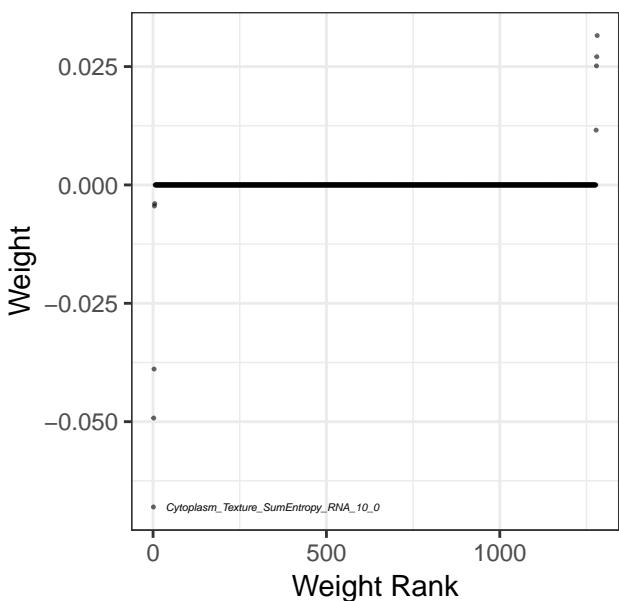


# Performance: cc\_cc\_g2\_ph3\_pos\_early\_mitosis\_mean

Transform: raw

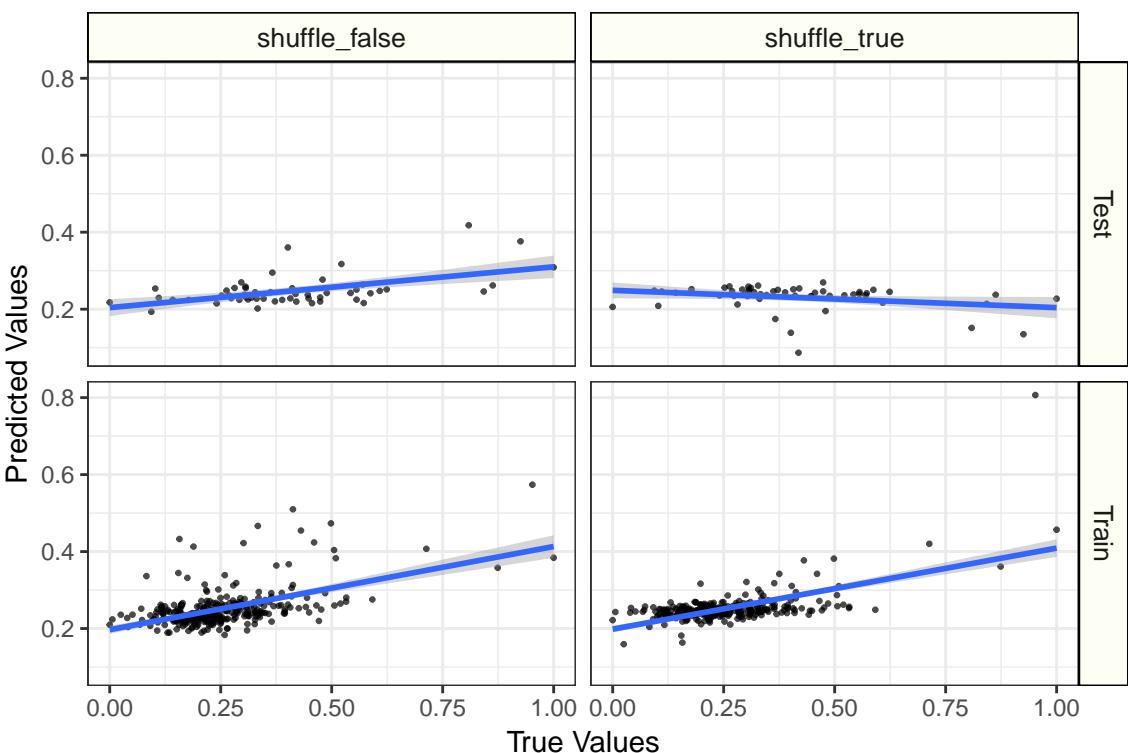


fit	shuffle	transform	r2	mse
Train	Real	raw	0.26	0.38
Test	Real	raw	0.25	0.30
Train	Shuffle	raw	0.34	0.33
Test	Shuffle	raw	0.00	0.40

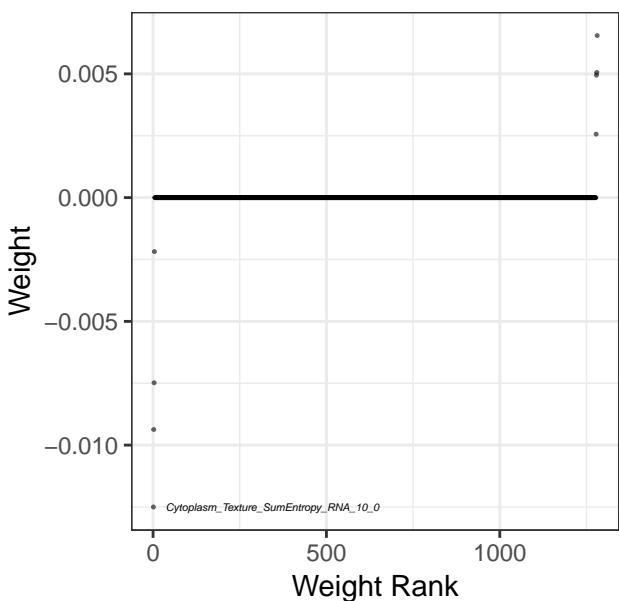


# Performance: cc\_cc\_g2\_ph3\_pos\_early\_mitosis\_mean

Transform: zero-one

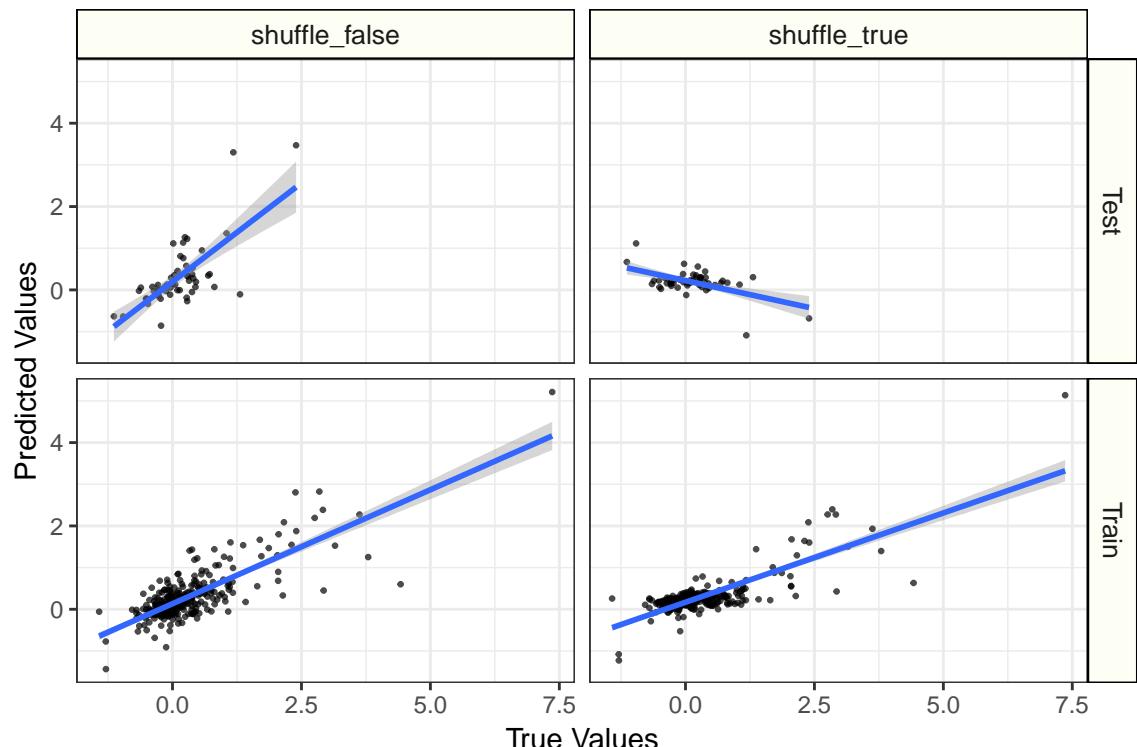


fit	shuffle	transform	r2	mse
Train	Real	zero-one	0.27	0.01
Test	Real	zero-one	-0.49	0.06
Train	Shuffle	zero-one	0.31	0.01
Test	Shuffle	zero-one	-0.93	0.08

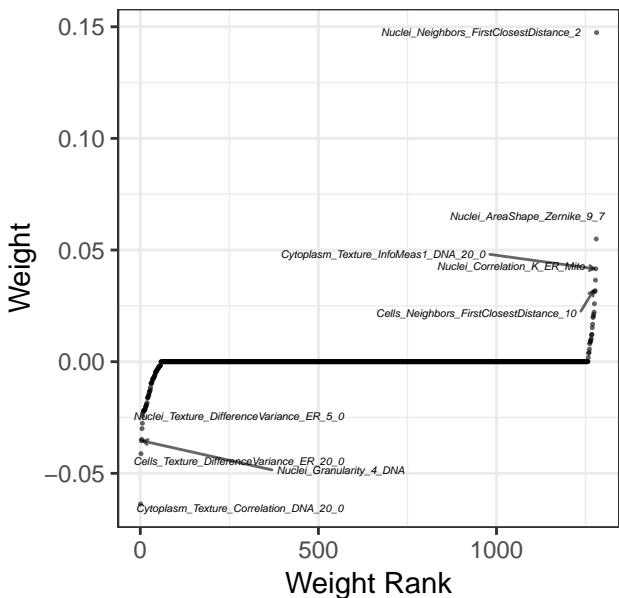


# Performance: cc\_cc\_high\_n\_spots\_h2ax\_mean

Transform: raw

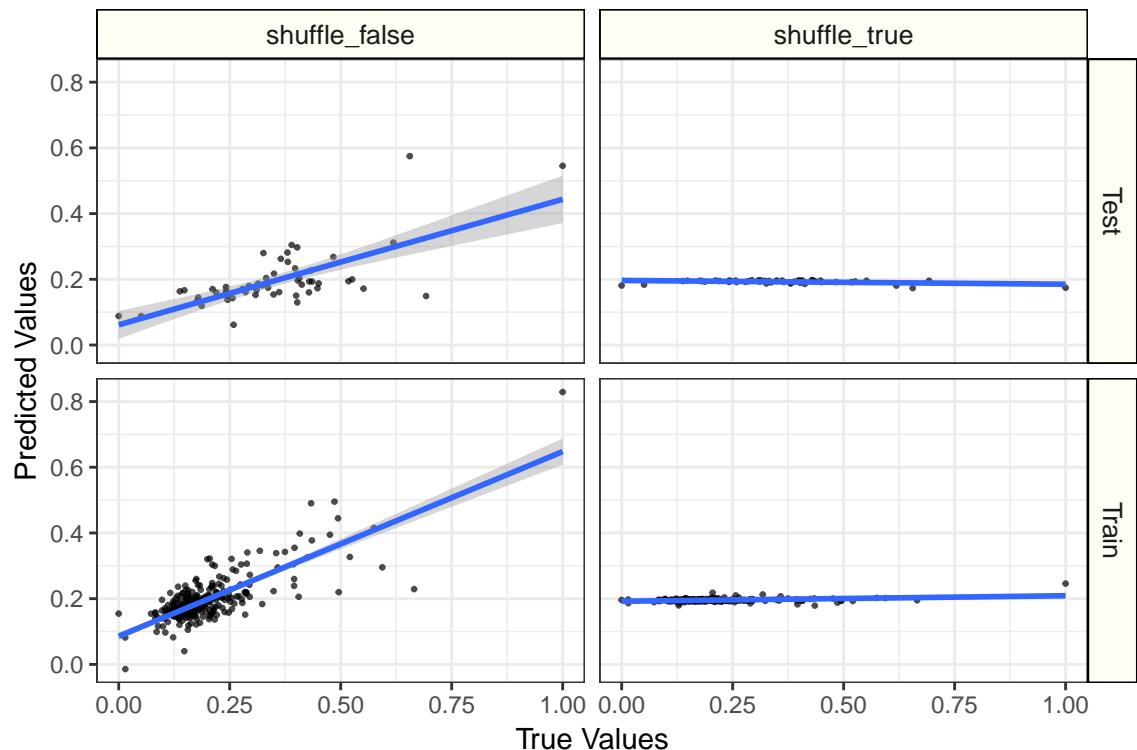


fit	shuffle	transform	r2	mse
Train	Real	raw	0.62	0.29
Test	Real	raw	0.00	0.32
Train	Shuffle	raw	0.57	0.33
Test	Shuffle	raw	-0.80	0.58

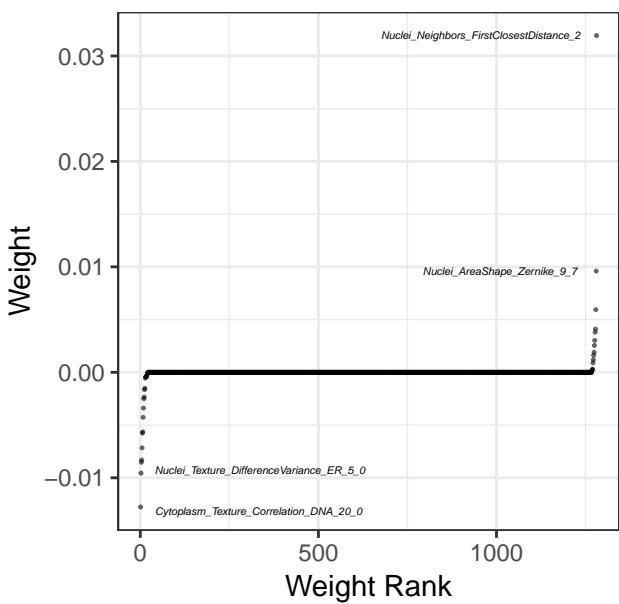


# Performance: cc\_cc\_high\_n\_spots\_h2ax\_mean

Transform: zero-one

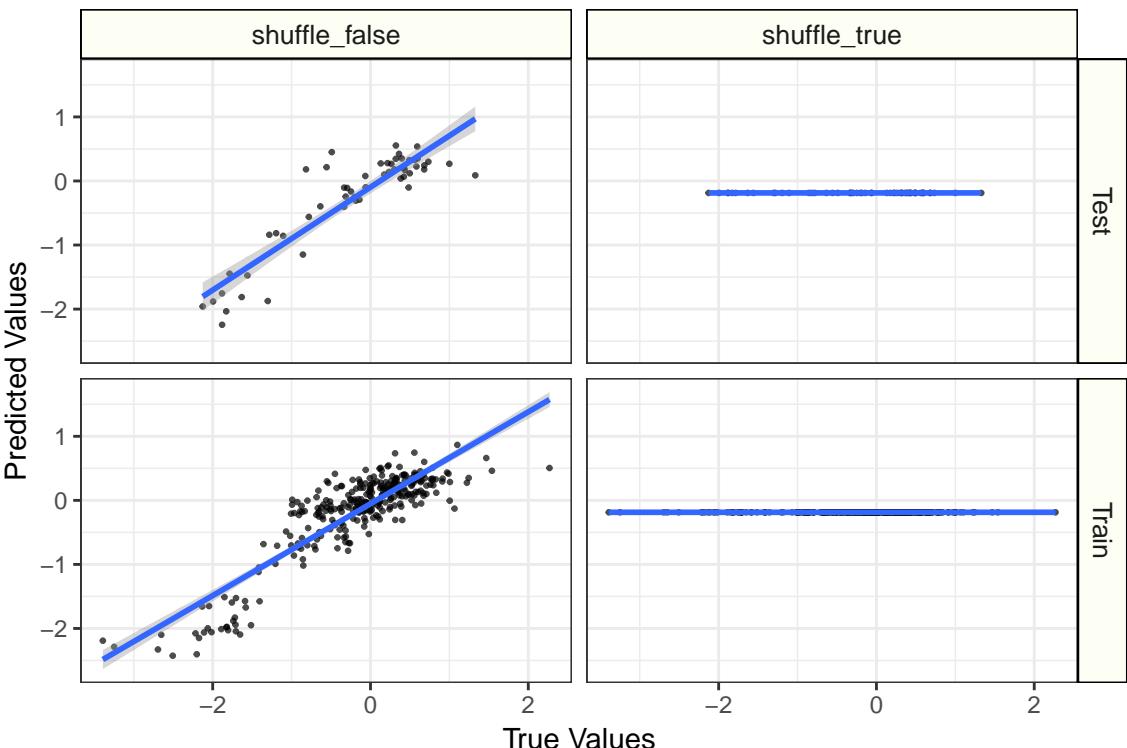


fit	shuffle	transform	r2	mse
Train	Real	zero-one	0.62	0.00
Test	Real	zero-one	-0.50	0.04
Train	Shuffle	zero-one	0.03	0.01
Test	Shuffle	zero-one	-1.05	0.05

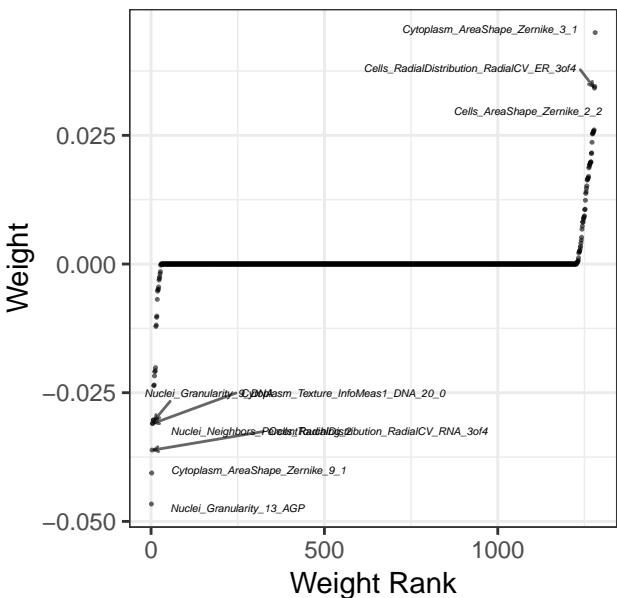


# Performance: cc\_cc\_n\_objects

Transform: raw

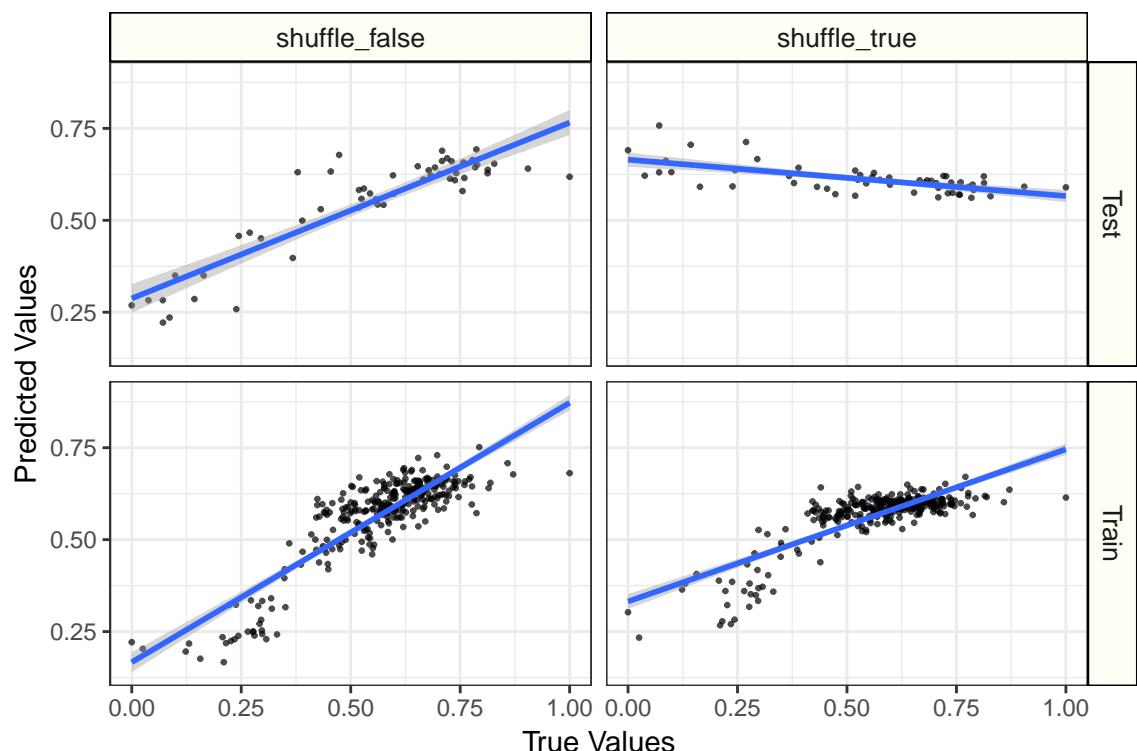


fit	shuffle	transform	r2	mse
Train	Real	raw	0.76	0.16
Test	Real	raw	0.81	0.15
Train	Shuffle	raw	0.00	0.66
Test	Shuffle	raw	0.00	0.77

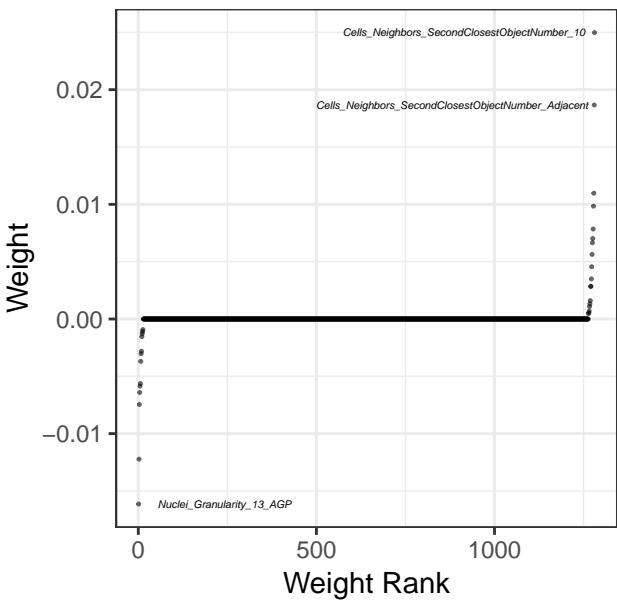


# Performance: cc\_cc\_n\_objects

## Transform: zero-one

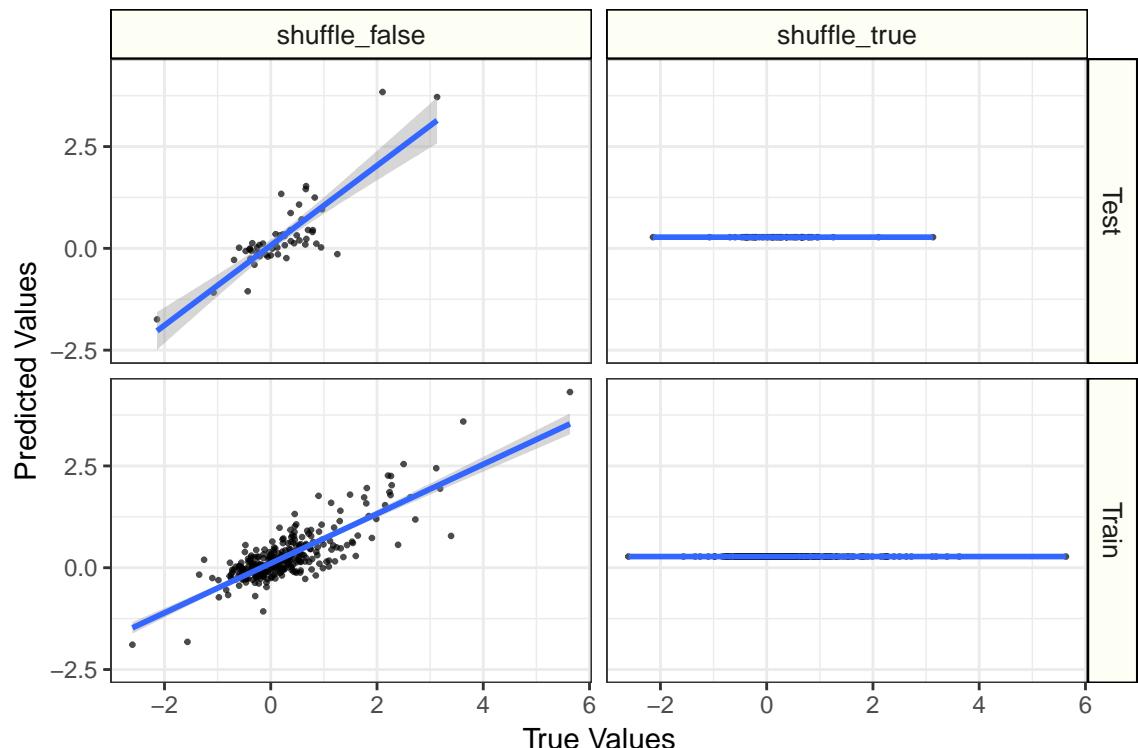


fit	shuffle	transform	r2	mse
Train	Real	zero-one	0.75	0.01
Test	Real	zero-one	0.67	0.02
Train	Shuffle	zero-one	0.56	0.01
Test	Shuffle	zero-one	-0.29	0.08

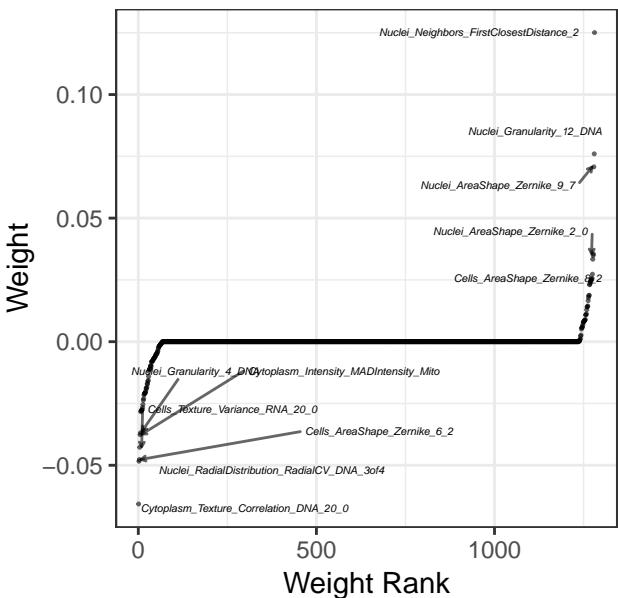


# Performance: cc\_cc\_n\_spots\_mean

Transform: raw

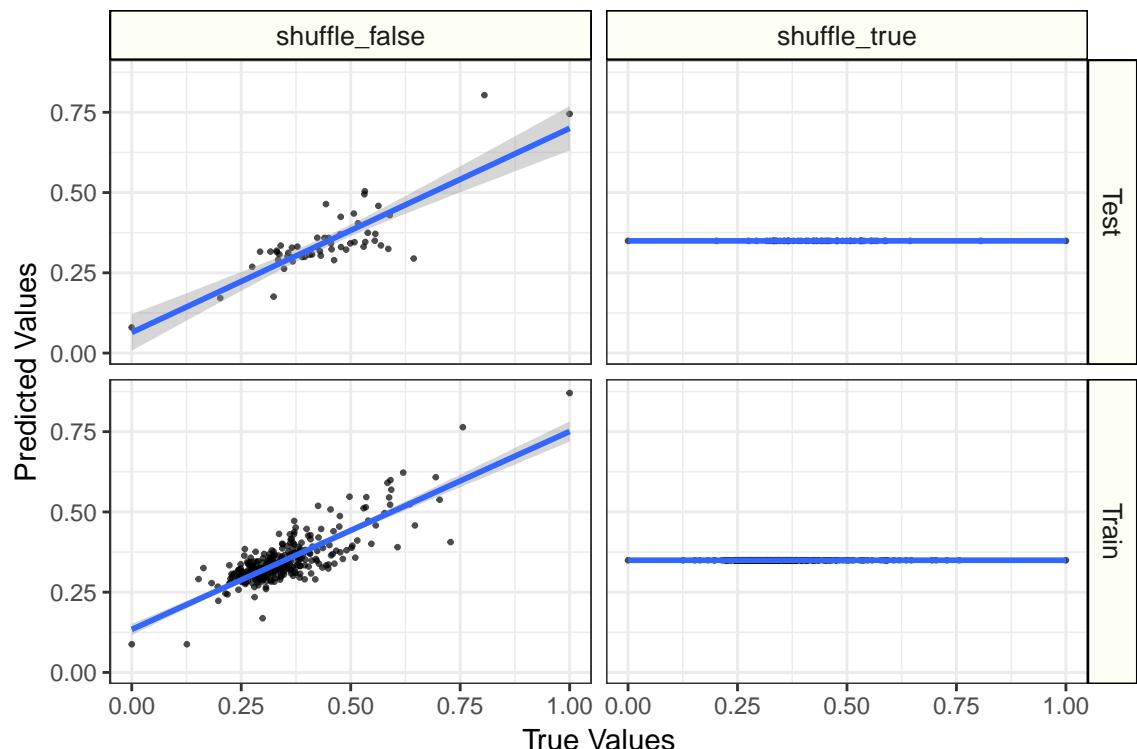


fit	shuffle	transform	r2	mse
Train	Real	raw	0.67	0.25
Test	Real	raw	0.54	0.26
Train	Shuffle	raw	0.00	0.75
Test	Shuffle	raw	-0.01	0.56

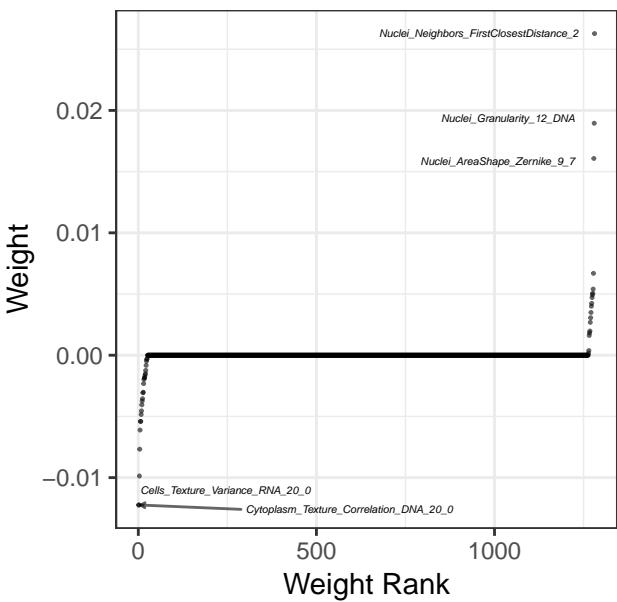


# Performance: cc\_cc\_n\_spots\_mean

Transform: zero-one

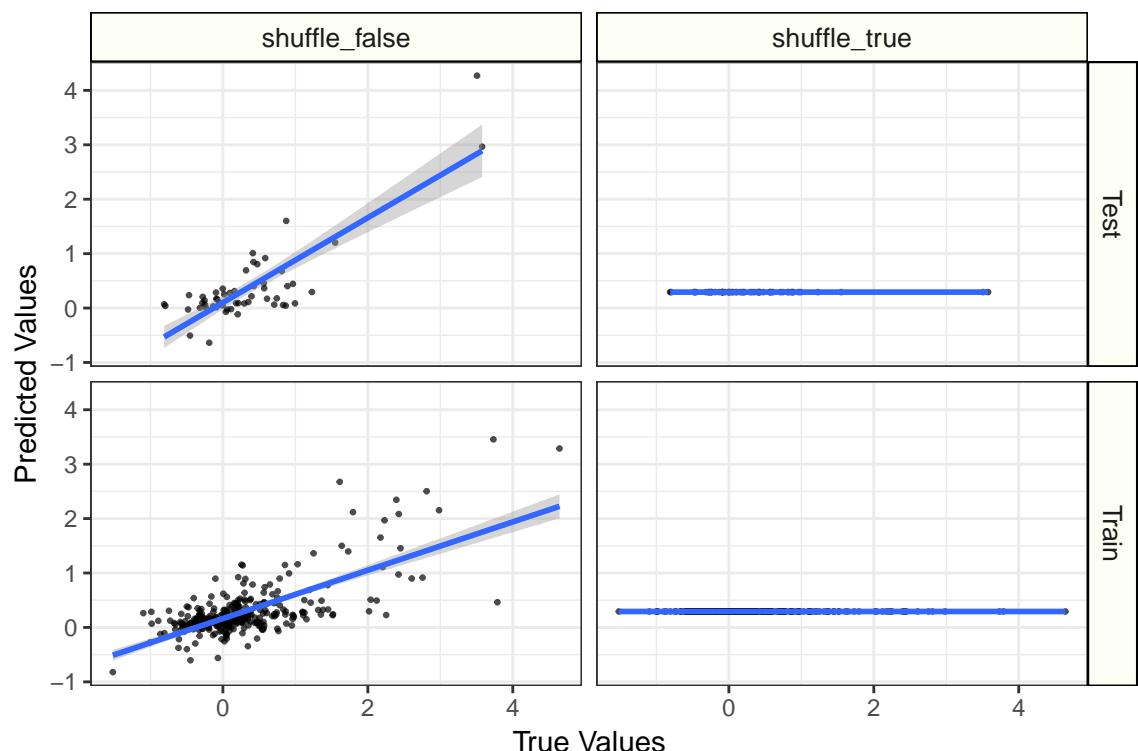


fit	shuffle	transform	r2	mse
Train	Real	zero-one	0.68	0.00
Test	Real	zero-one	0.20	0.02
Train	Shuffle	zero-one	0.00	0.01
Test	Shuffle	zero-one	-0.47	0.03

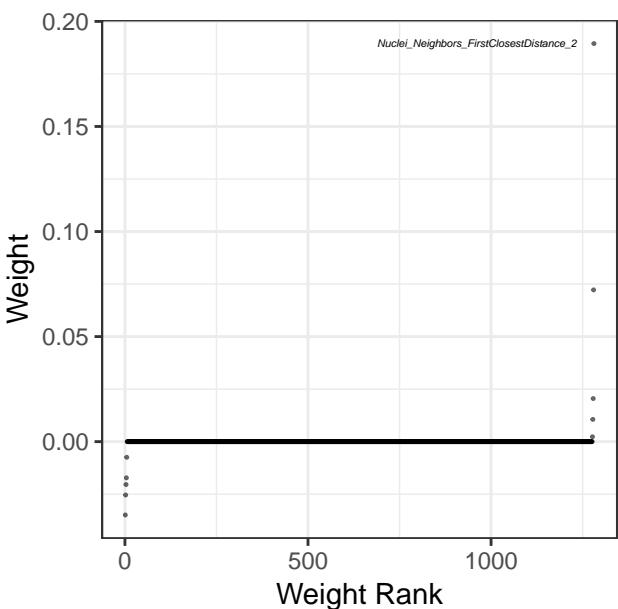


# Performance: cc\_cc\_n\_spots\_per\_nucleus\_area\_mean

Transform: raw

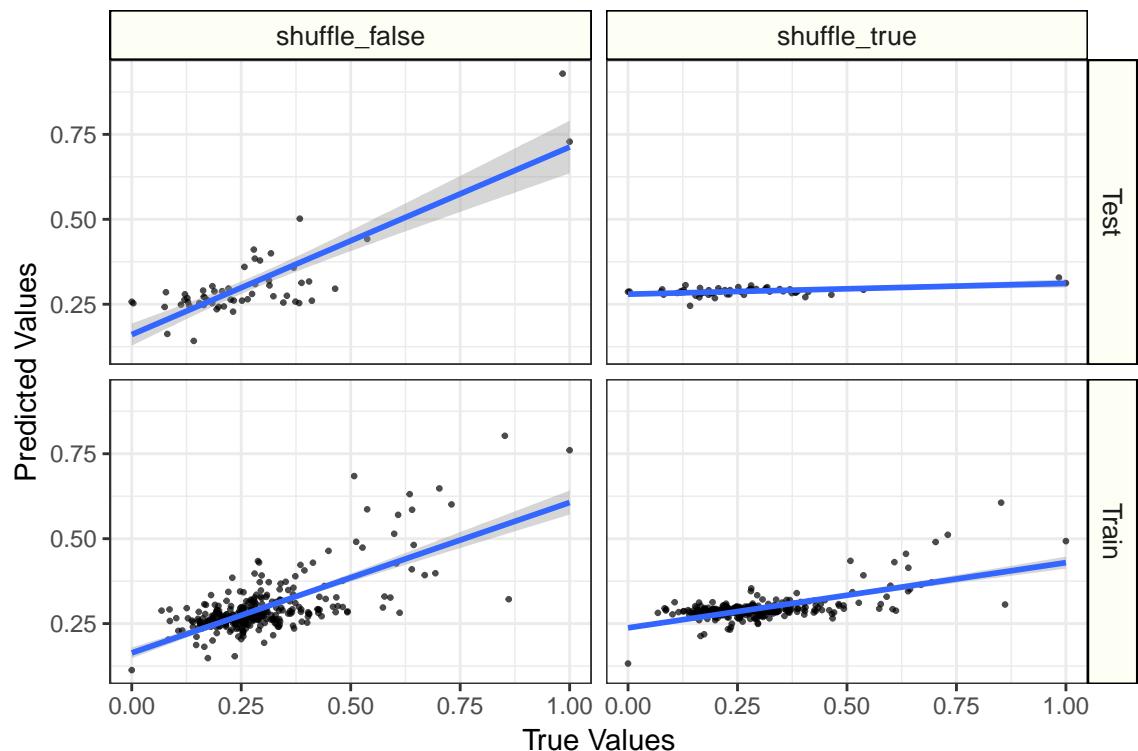


fit	shuffle	transform	r2	mse
Train	Real	raw	0.50	0.34
Test	Real	raw	0.68	0.20
Train	Shuffle	raw	0.00	0.67
Test	Shuffle	raw	0.00	0.64

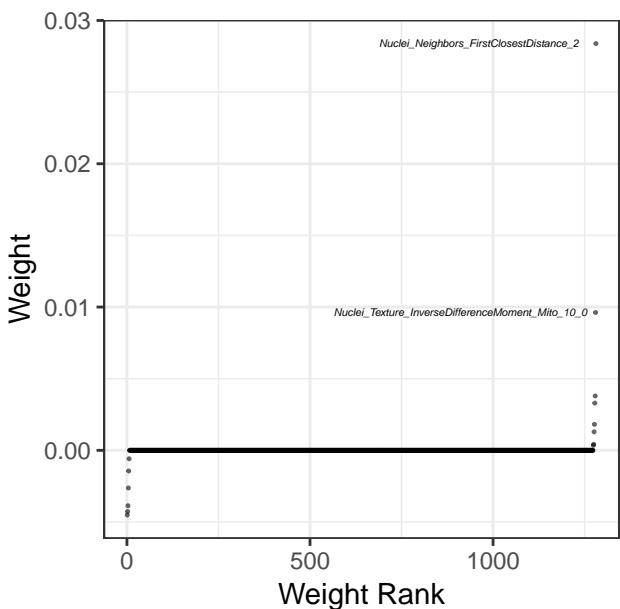


# Performance: cc\_cc\_n\_spots\_per\_nucleus\_area\_mean

Transform: zero-one

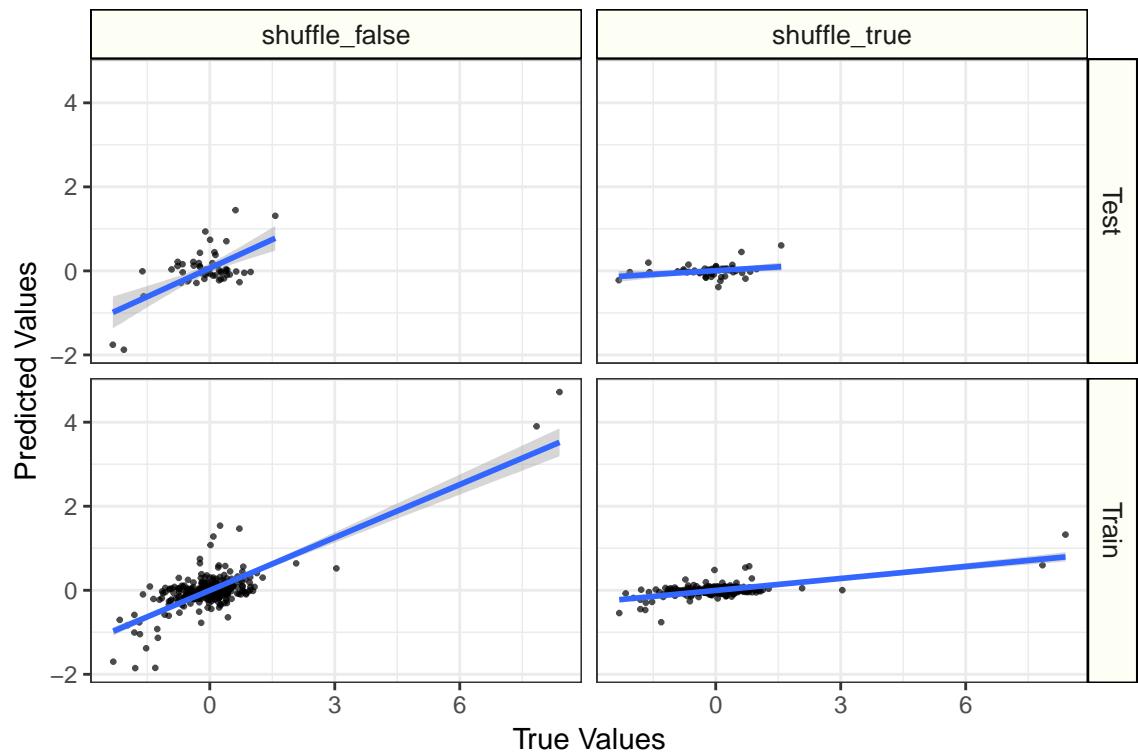


fit	shuffle	transform	r2	mse
Train	Real	zero-one	0.50	0.01
Test	Real	zero-one	0.61	0.01
Train	Shuffle	zero-one	0.30	0.01
Test	Shuffle	zero-one	0.04	0.03

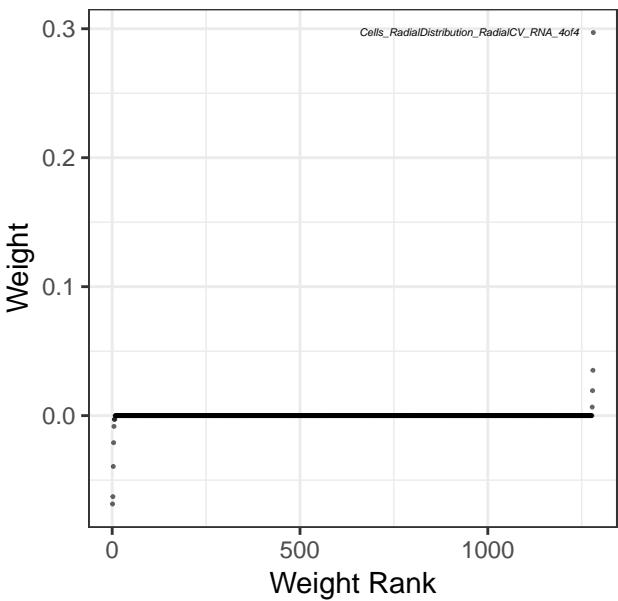


# Performance: cc\_cc\_ph3\_neg\_hoechst\_late\_mitosis\_mean

Transform: raw

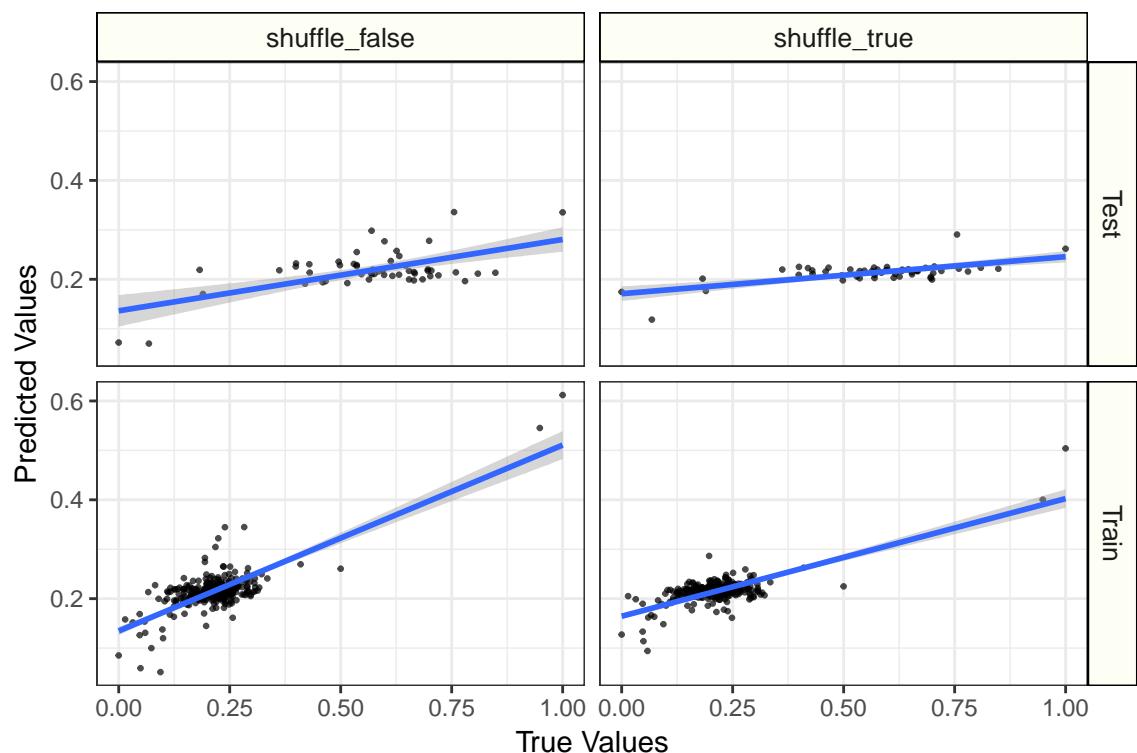


fit	shuffle	transform	r2	mse
Train	Real	raw	0.54	0.38
Test	Real	raw	0.33	0.32
Train	Shuffle	raw	0.17	0.70
Test	Shuffle	raw	0.05	0.45

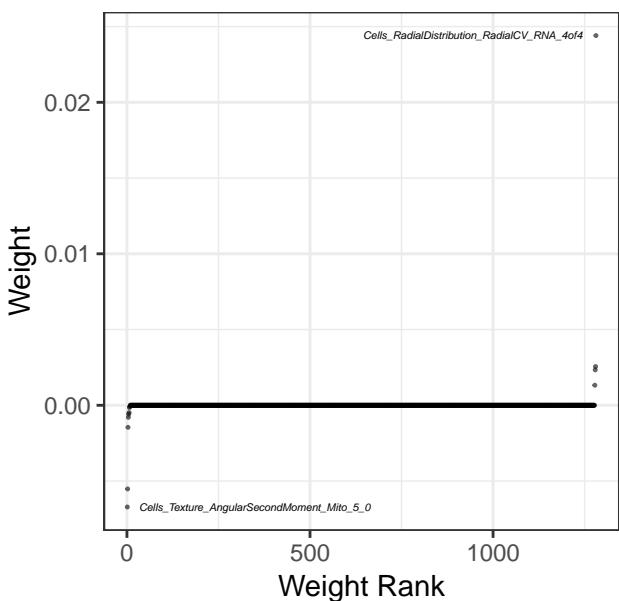


# Performance: cc\_cc\_ph3\_neg\_hoechst\_late\_mitosis\_mean

## Transform: zero-one

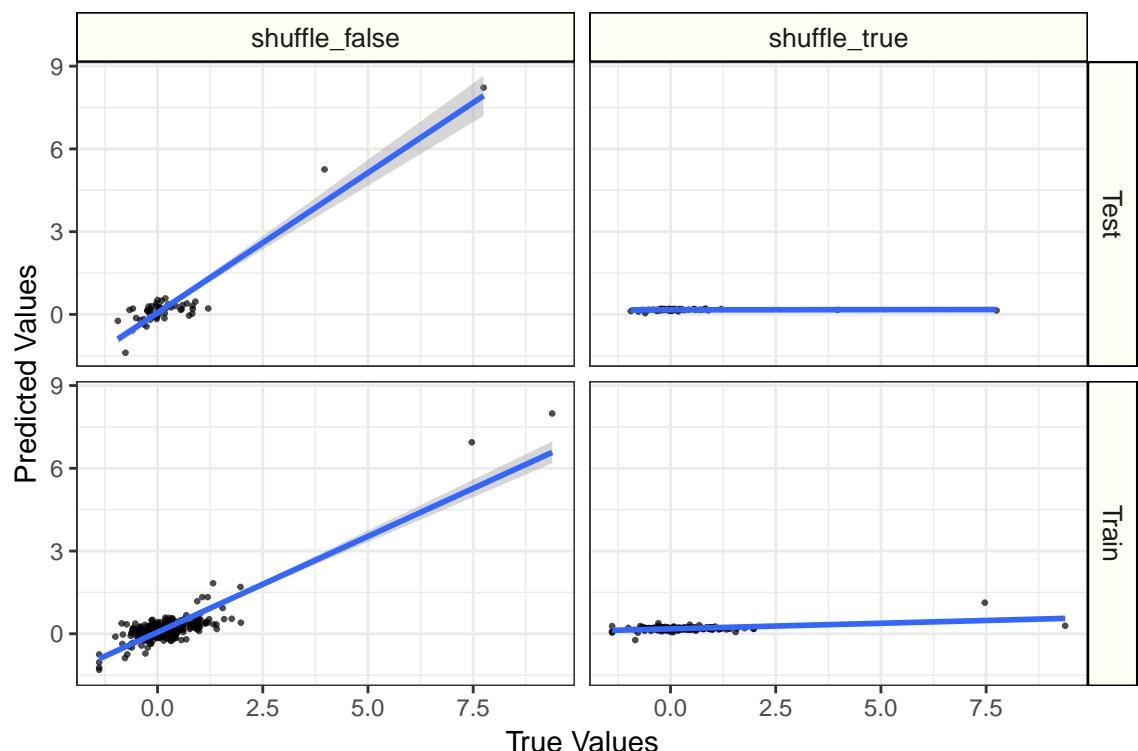


fit	shuffle	transform	r2	mse
Train	Real	zero-one	0.51	0.00
Test	Real	zero-one	-3.68	0.15
Train	Shuffle	zero-one	0.38	0.00
Test	Shuffle	zero-one	-3.89	0.15

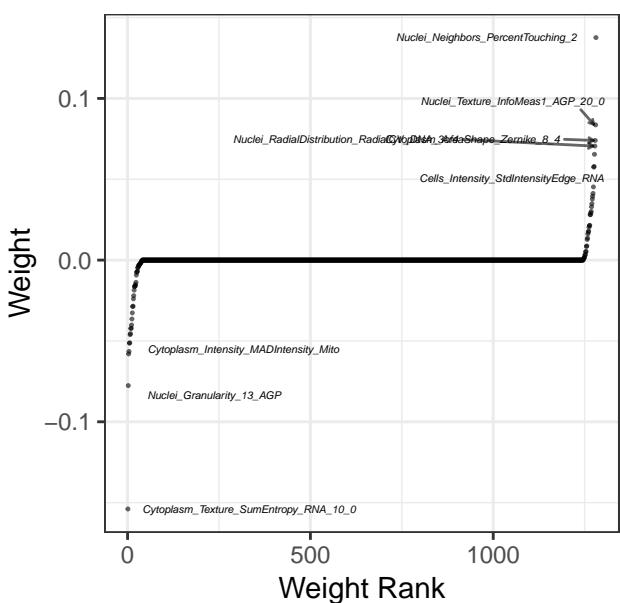


# Performance: cc\_cc\_ph3\_pos\_hoechst\_mitosis\_mean

Transform: raw

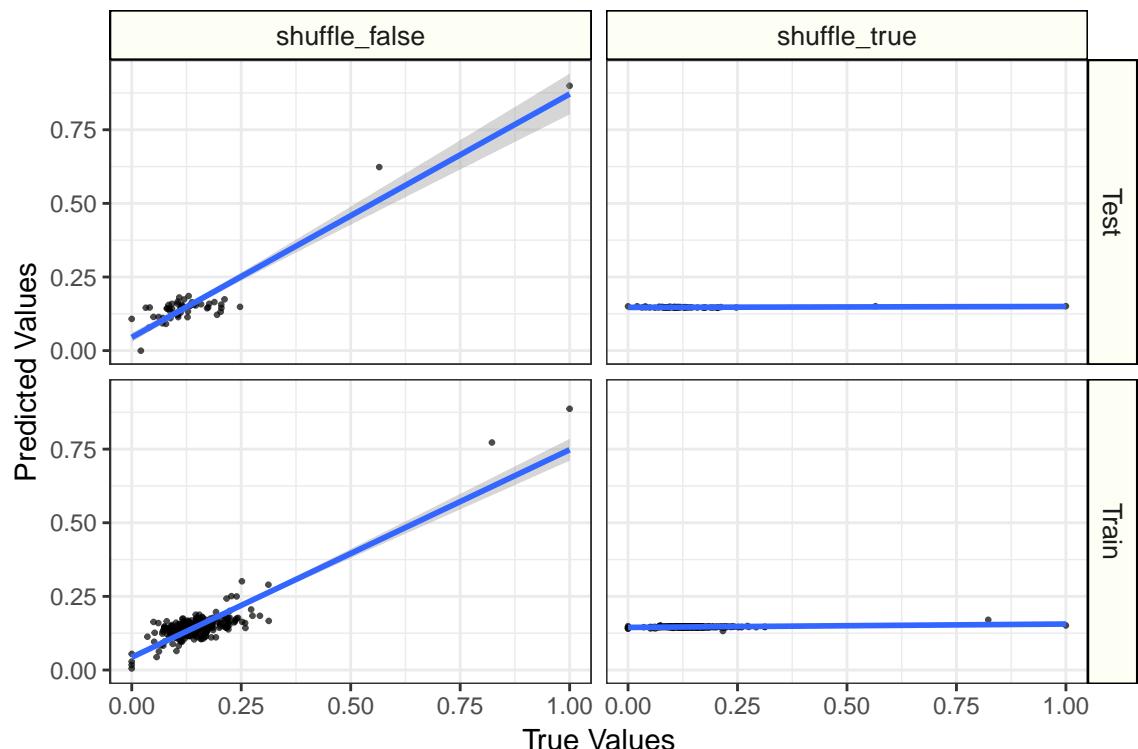


fit	shuffle	transform	r2	mse
Train	Real	raw	0.76	0.17
Test	Real	raw	0.88	0.19
Train	Shuffle	raw	0.07	0.68
Test	Shuffle	raw	-0.01	1.53

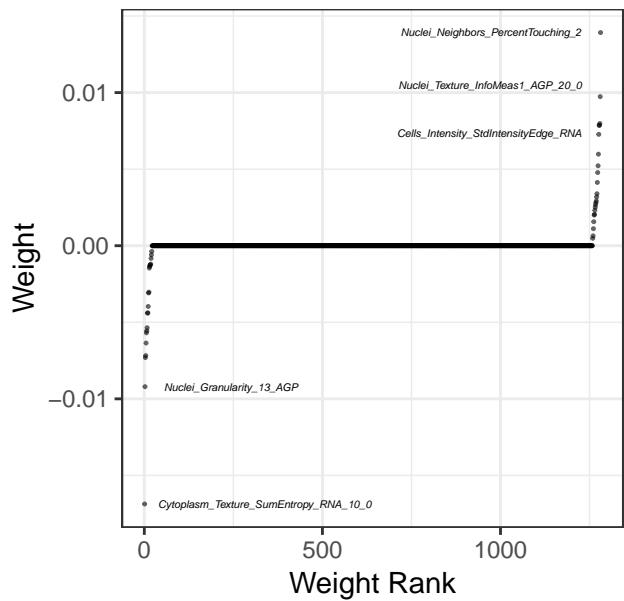


# Performance: cc\_cc\_ph3\_pos\_hoechst\_mitosis\_mean

Transform: zero-one

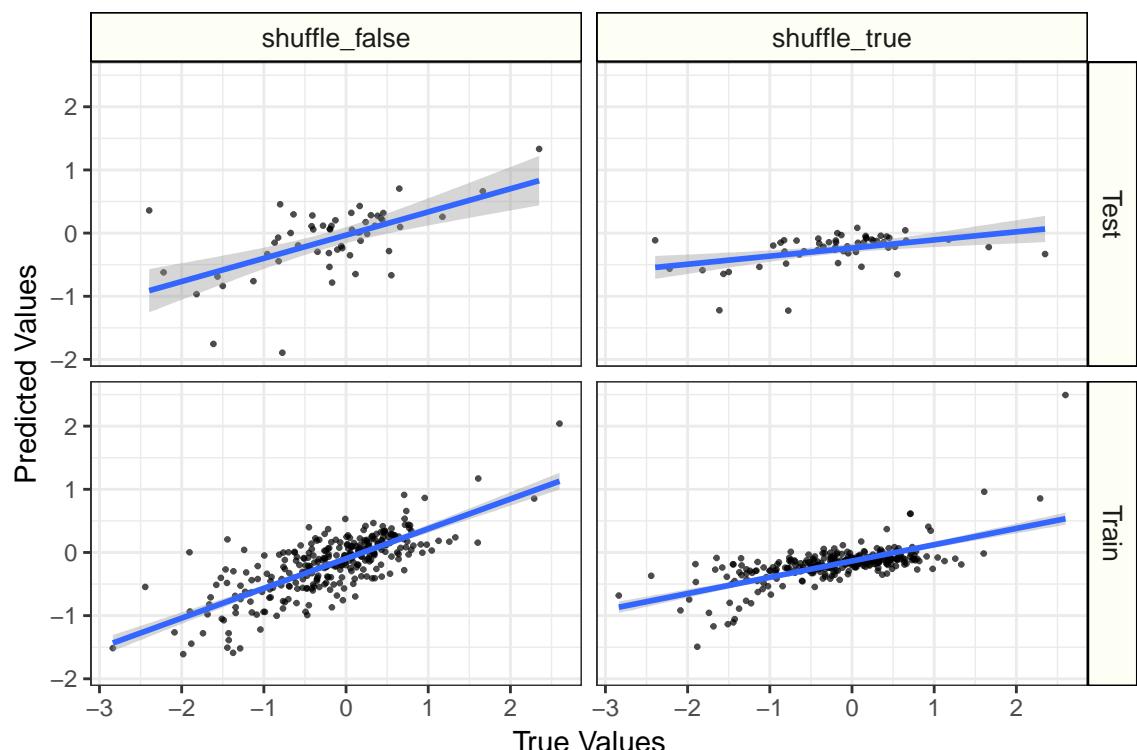


fit	shuffle	transform	r2	mse
Train	Real	zero-one	0.77	0.00
Test	Real	zero-one	0.87	0.00
Train	Shuffle	zero-one	0.02	0.01
Test	Shuffle	zero-one	0.00	0.02

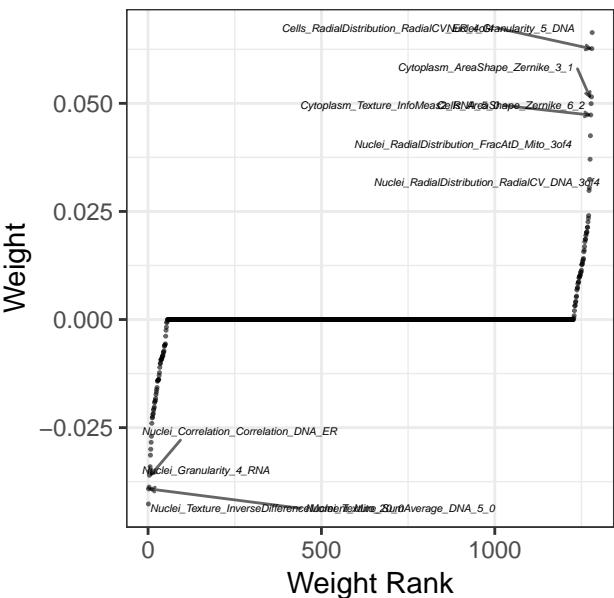


# Performance: cc\_edu\_pos\_alexa647\_intensity\_nucleus\_area\_mean

Transform: raw

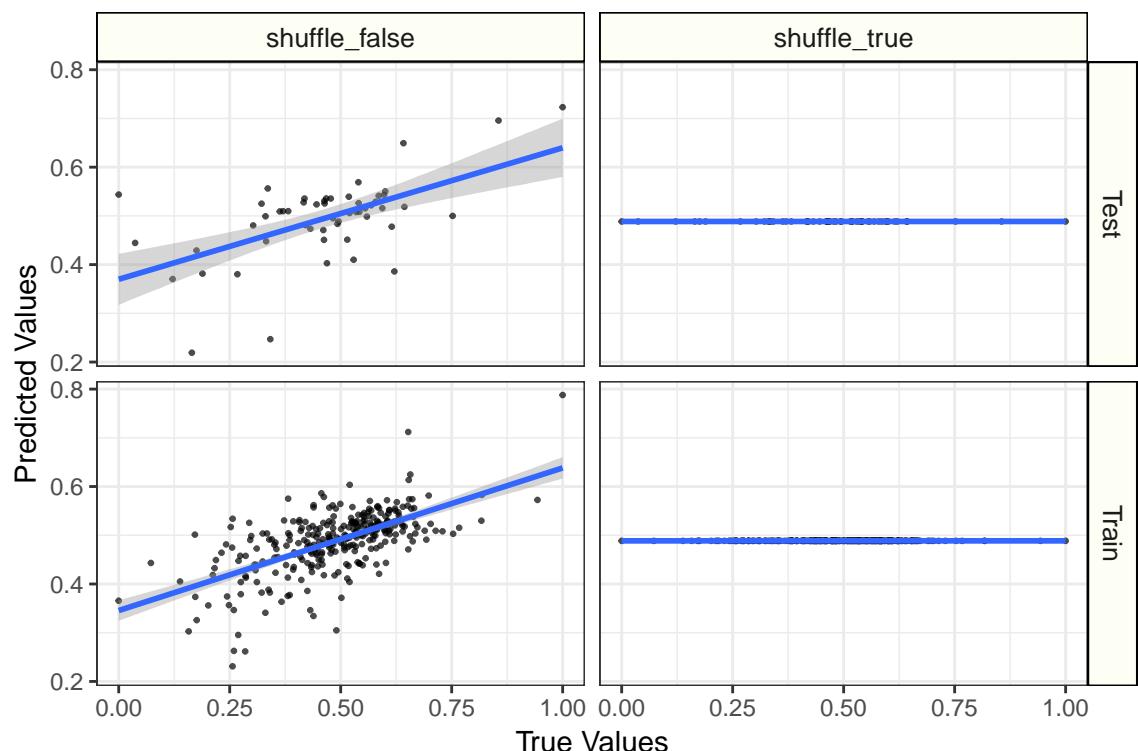


fit	shuffle	transform	r2	mse
Train	Real	raw	0.56	0.24
Test	Real	raw	0.31	0.50
Train	Shuffle	raw	0.36	0.35
Test	Shuffle	raw	0.16	0.61

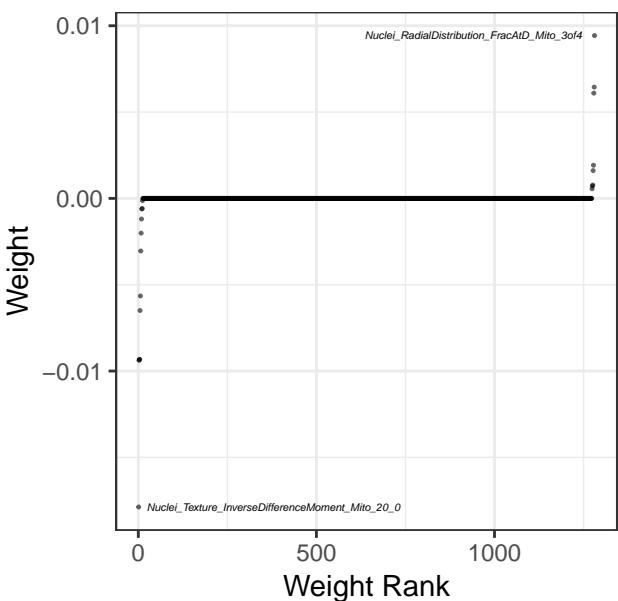


# Performance: cc\_edu\_pos\_alexa647\_intensity\_nucleus\_area\_mean

Transform: zero-one

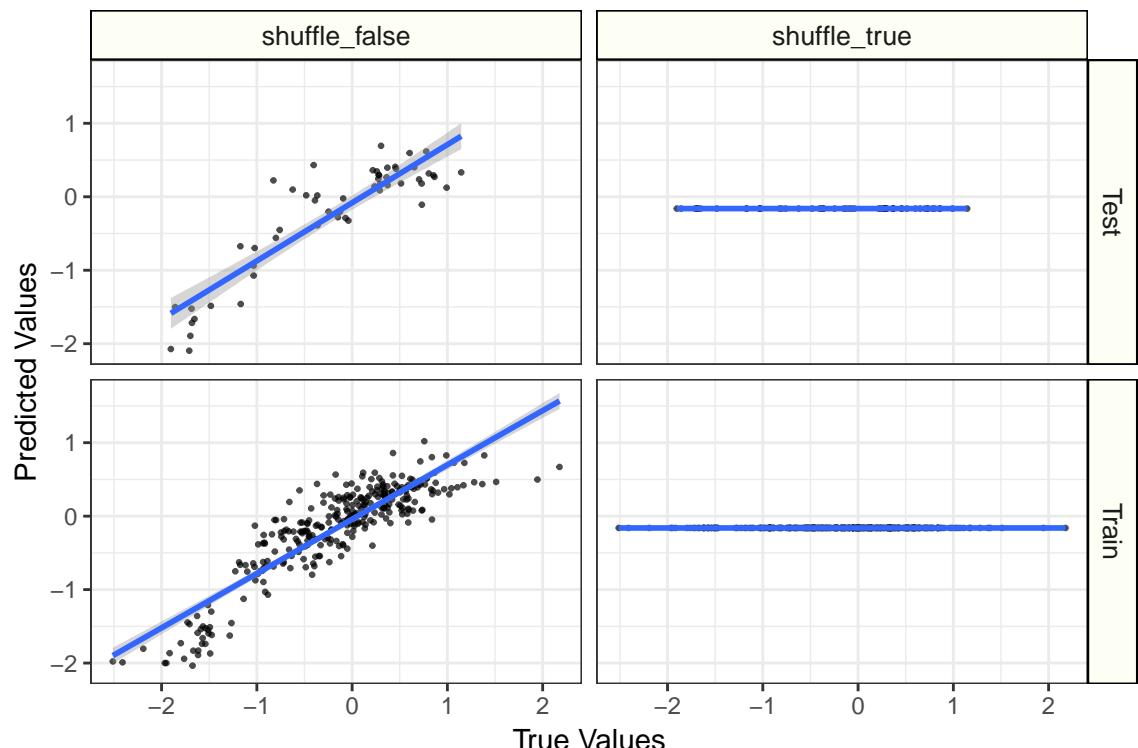


fit	shuffle	transform	r2	mse
Train	Real	zero-one	0.37	0.01
Test	Real	zero-one	0.29	0.02
Train	Shuffle	zero-one	0.00	0.02
Test	Shuffle	zero-one	-0.02	0.03

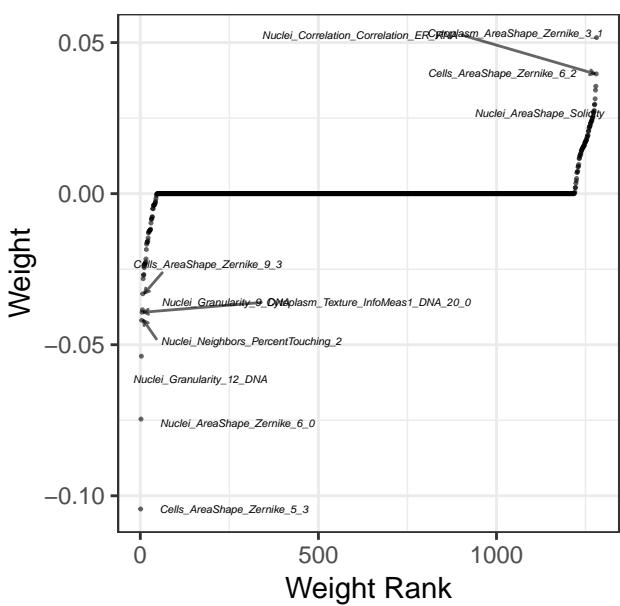


# Performance: cc\_edu\_pos\_alexa647\_intensity\_nucleus\_area\_size

Transform: raw

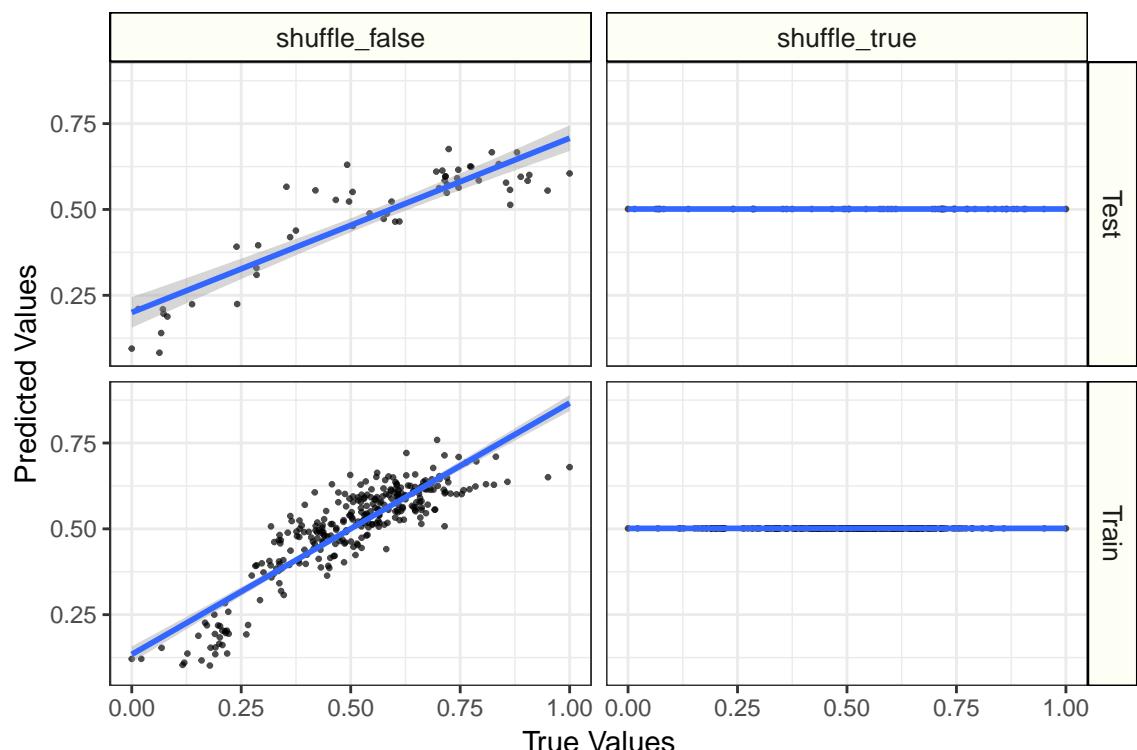


fit	shuffle	transform	r2	mse
Train	Real	raw	0.78	0.13
Test	Real	raw	0.80	0.15
Train	Shuffle	raw	0.00	0.59
Test	Shuffle	raw	0.00	0.73

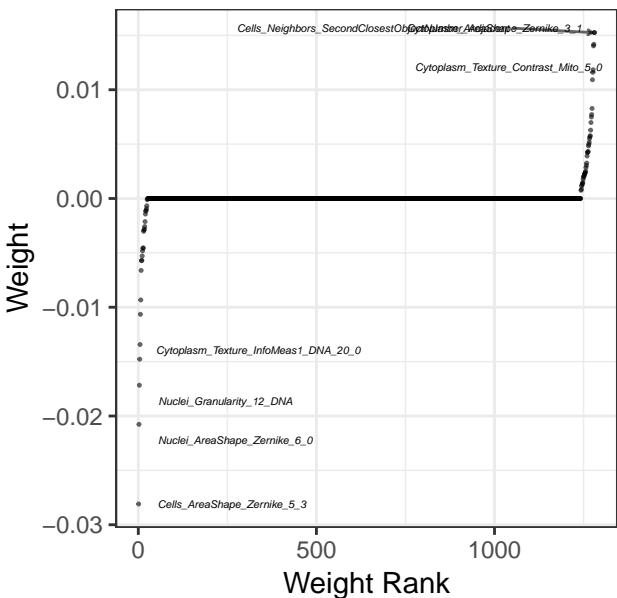


# Performance: cc\_edu\_pos\_alexa647\_intensity\_nucleus\_area\_size

Transform: zero-one

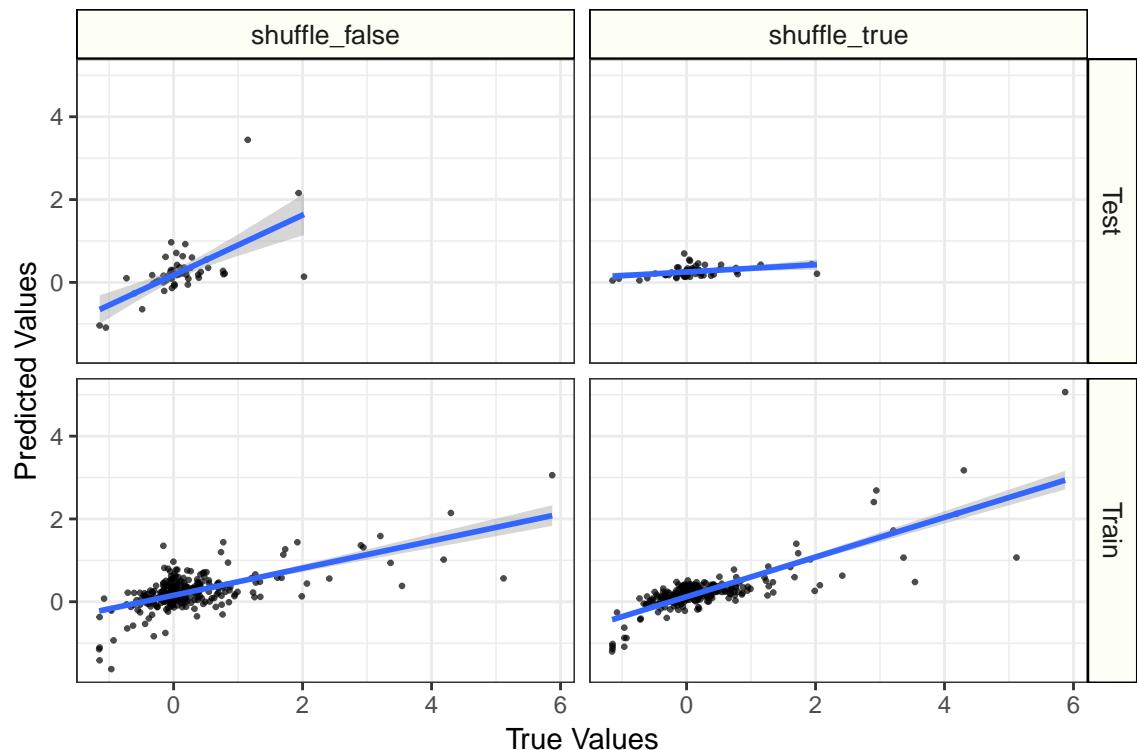


fit	shuffle	transform	r2	mse
Train	Real	zero-one	0.78	0.01
Test	Real	zero-one	0.62	0.03
Train	Shuffle	zero-one	0.00	0.03
Test	Shuffle	zero-one	-0.04	0.08

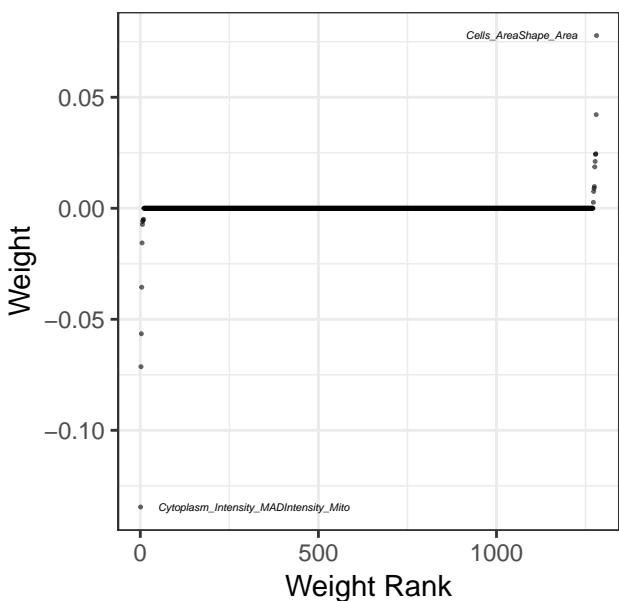


# Performance: cc\_edu\_pos\_high\_n\_spots\_h2ax\_mean

Transform: raw

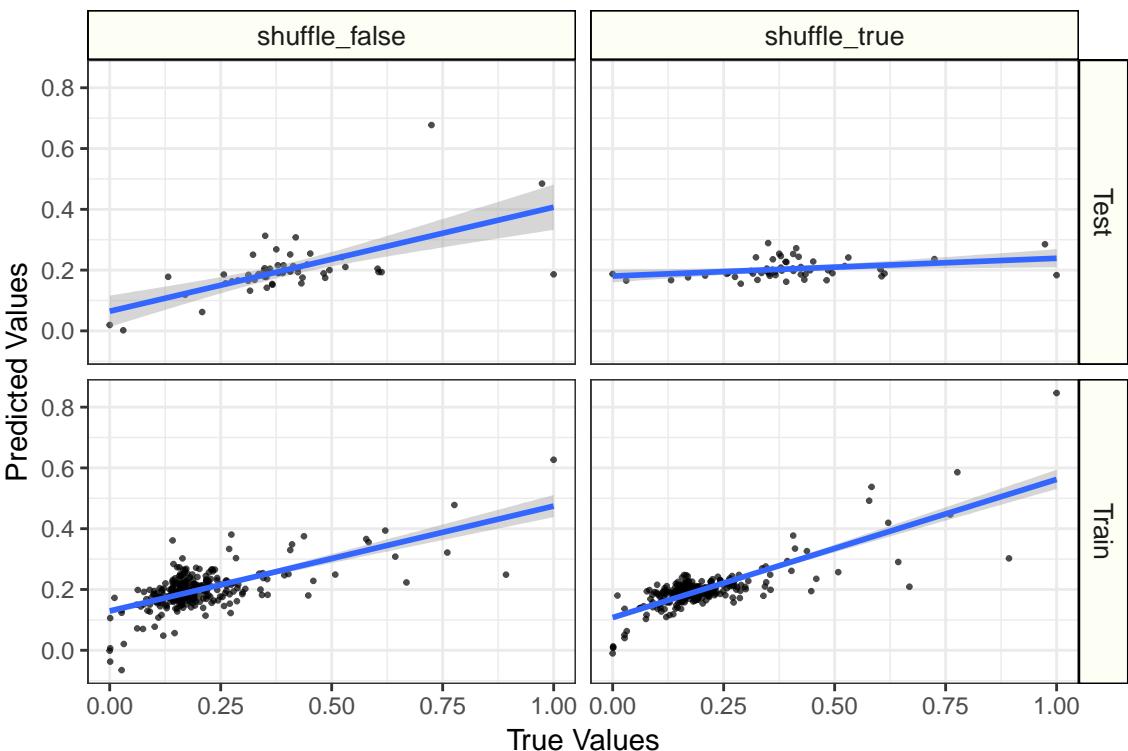


fit	shuffle	transform	r2	mse
Train	Real	raw	0.40	0.43
Test	Real	raw	0.04	0.28
Train	Shuffle	raw	0.61	0.28
Test	Shuffle	raw	0.05	0.28

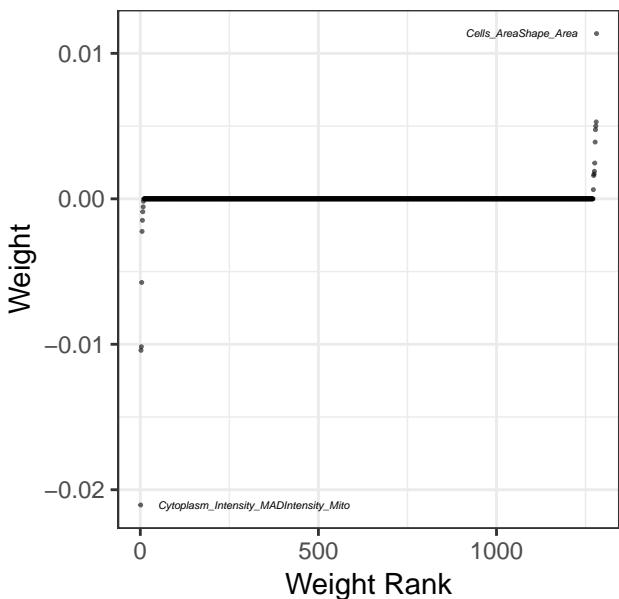


# Performance: cc\_edu\_pos\_high\_n\_spots\_h2ax\_mean

Transform: zero-one

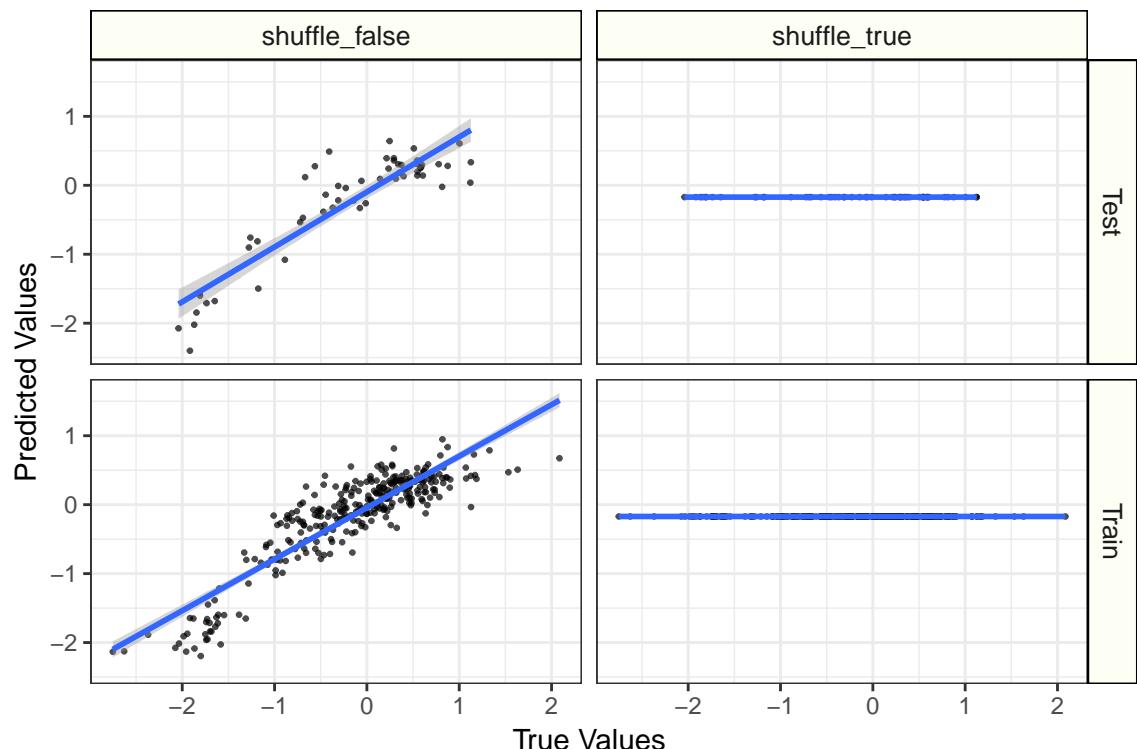


fit	shuffle	transform	r2	mse
Train	Real	zero-one	0.41	0.01
Test	Real	zero-one	-0.95	0.06
Train	Shuffle	zero-one	0.59	0.01
Test	Shuffle	zero-one	-1.21	0.06

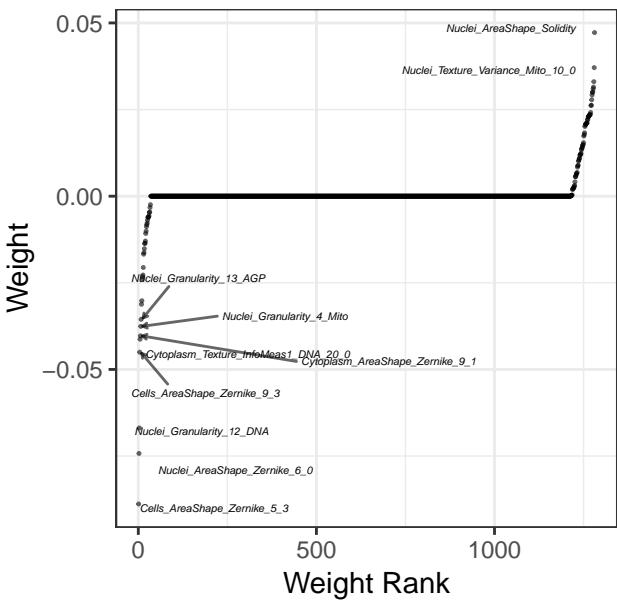


# Performance: cc\_edu\_pos\_n\_objects

Transform: raw

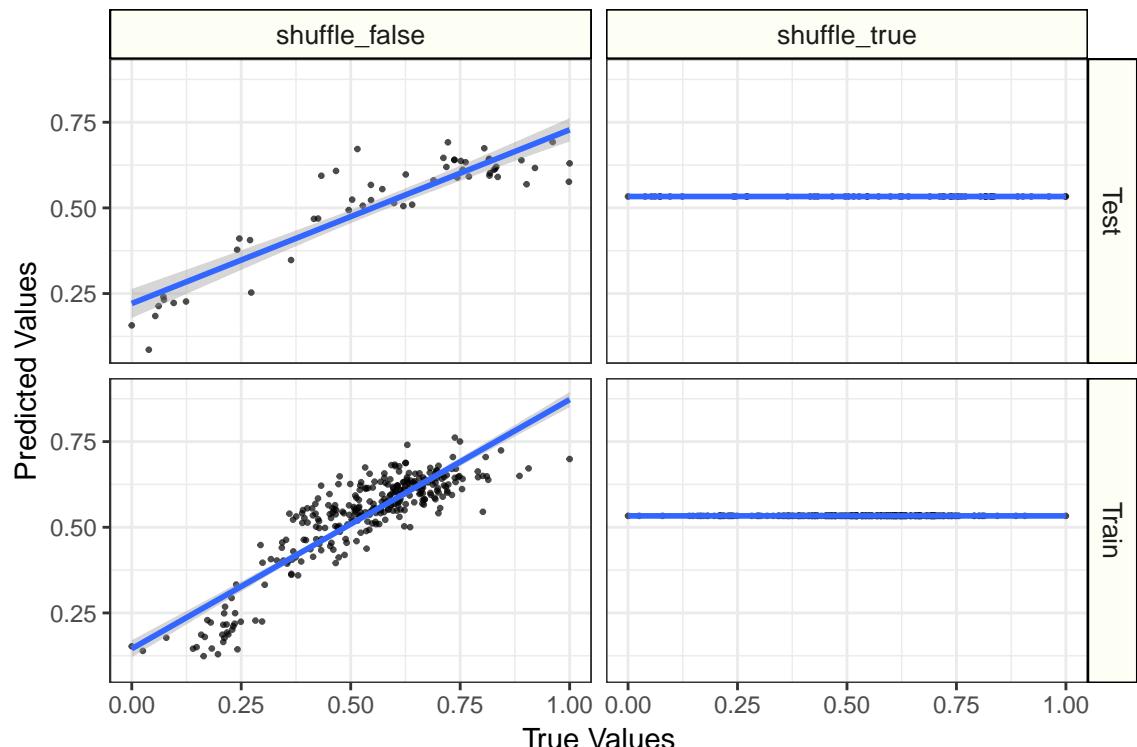


fit	shuffle	transform	r2	mse
Train	Real	raw	0.79	0.13
Test	Real	raw	0.81	0.15
Train	Shuffle	raw	0.00	0.63
Test	Shuffle	raw	0.00	0.81

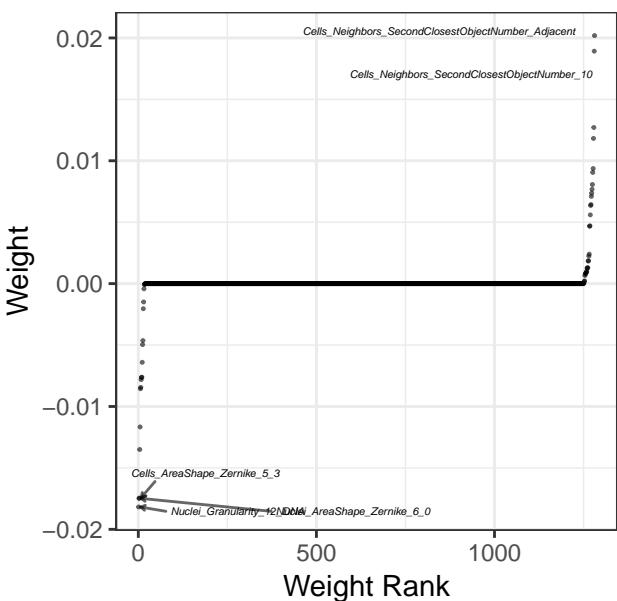


# Performance: cc\_edu\_pos\_n\_objects

Transform: zero-one

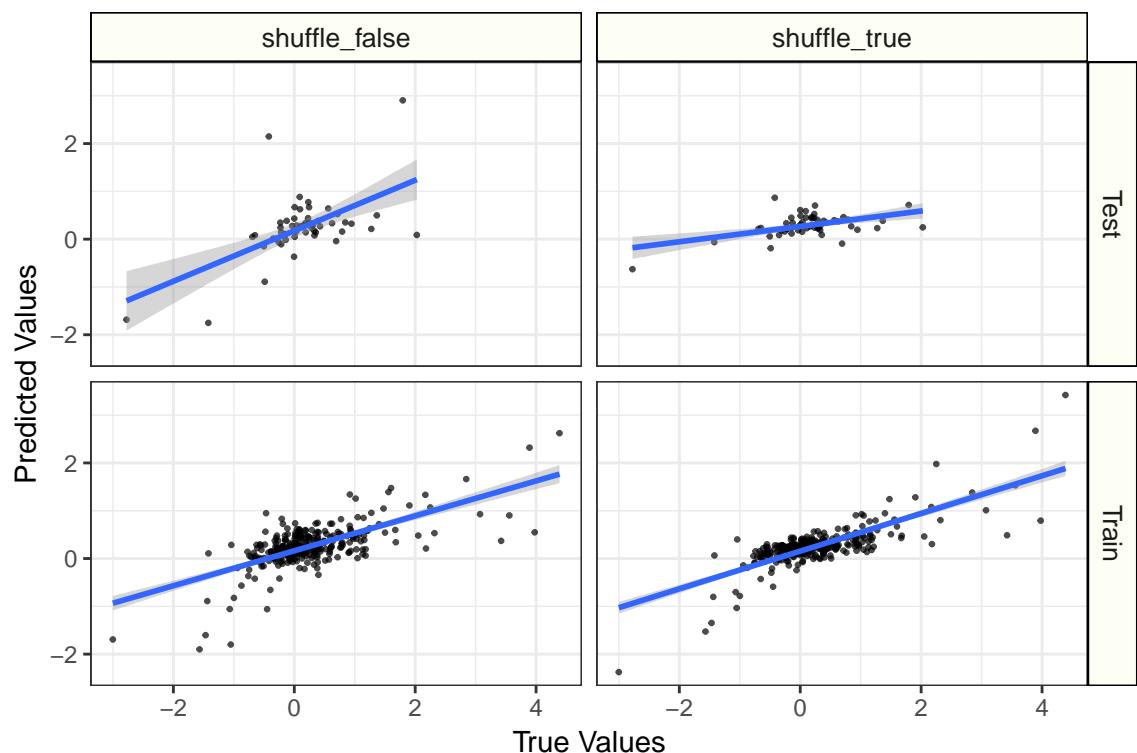


fit	shuffle	transform	r2	mse
Train	Real	zero-one	0.77	0.01
Test	Real	zero-one	0.65	0.03
Train	Shuffle	zero-one	0.00	0.03
Test	Shuffle	zero-one	-0.02	0.08

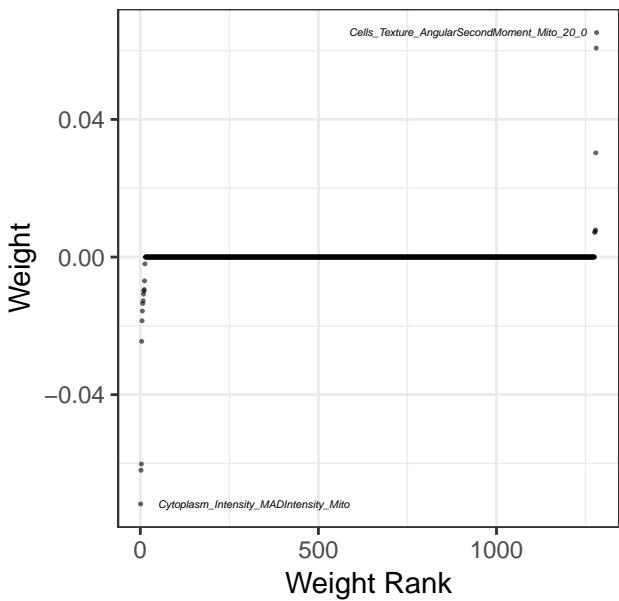


# Performance: cc\_edu\_pos\_n\_spots\_mean

Transform: raw

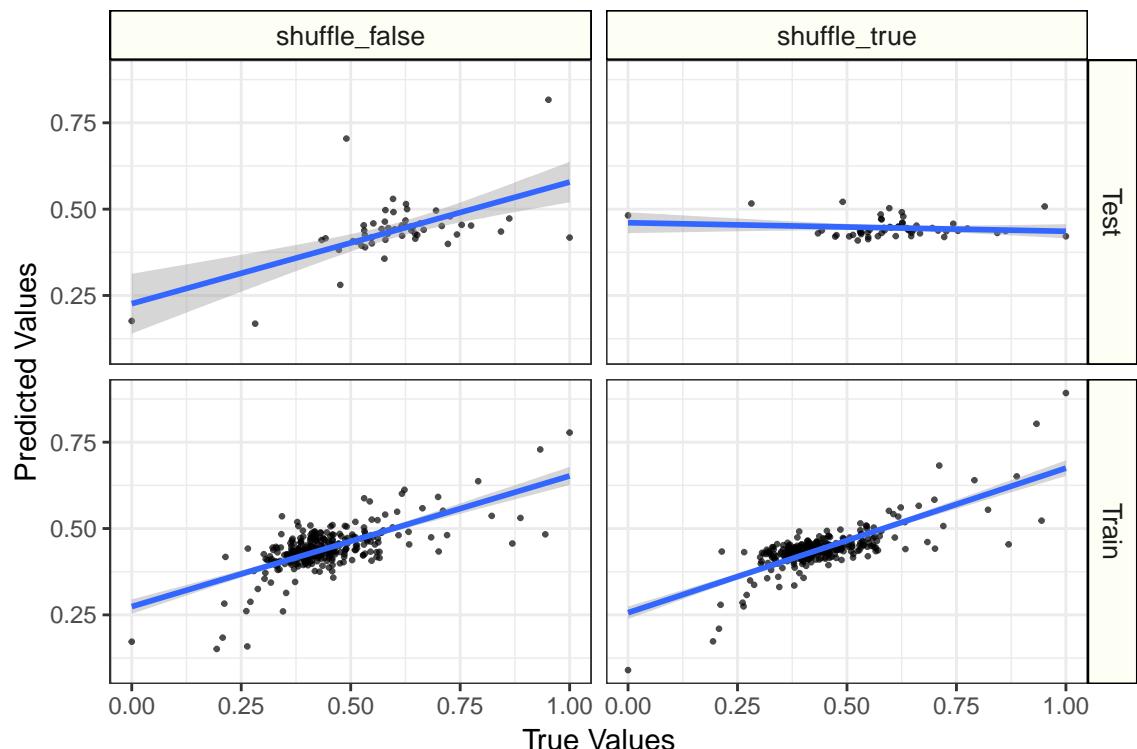


fit	shuffle	transform	r2	mse
Train	Real	raw	0.44	0.39
Test	Real	raw	0.19	0.40
Train	Shuffle	raw	0.53	0.33
Test	Shuffle	raw	0.17	0.42

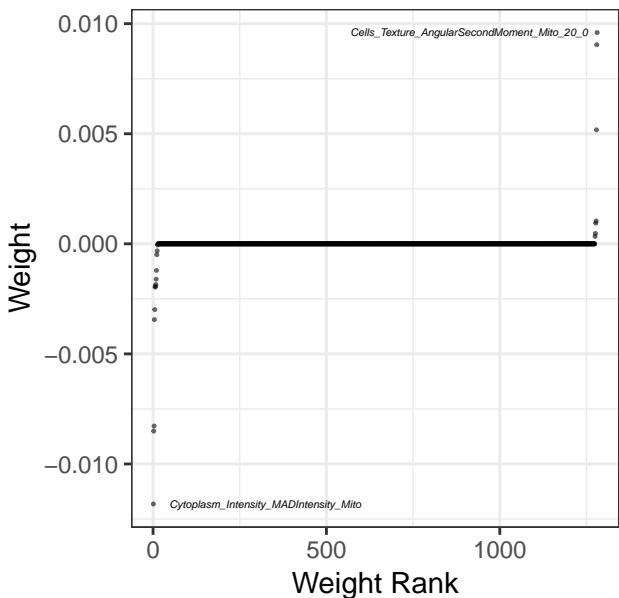


# Performance: cc\_edu\_pos\_n\_spots\_mean

Transform: zero-one

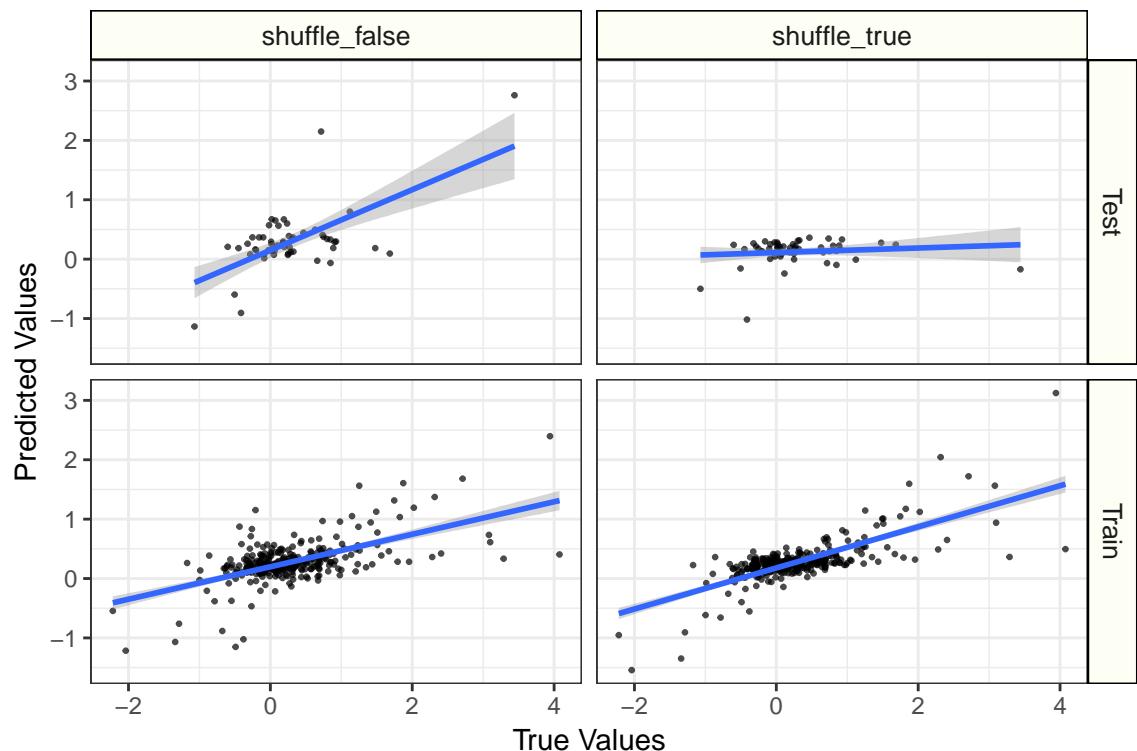


fit	shuffle	transform	r2	mse
Train	Real	zero-one	0.45	0.01
Test	Real	zero-one	-0.93	0.04
Train	Shuffle	zero-one	0.54	0.01
Test	Shuffle	zero-one	-1.24	0.05

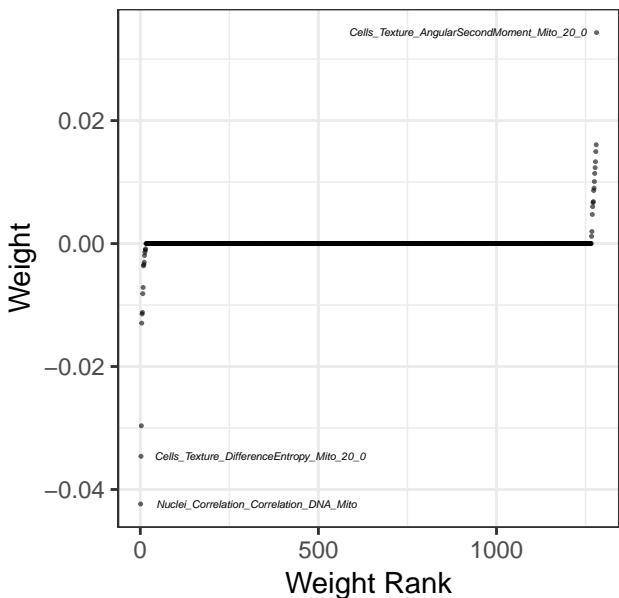


# Performance: cc\_edu\_pos\_n\_spots\_per\_nucleus\_area\_mean

Transform: raw

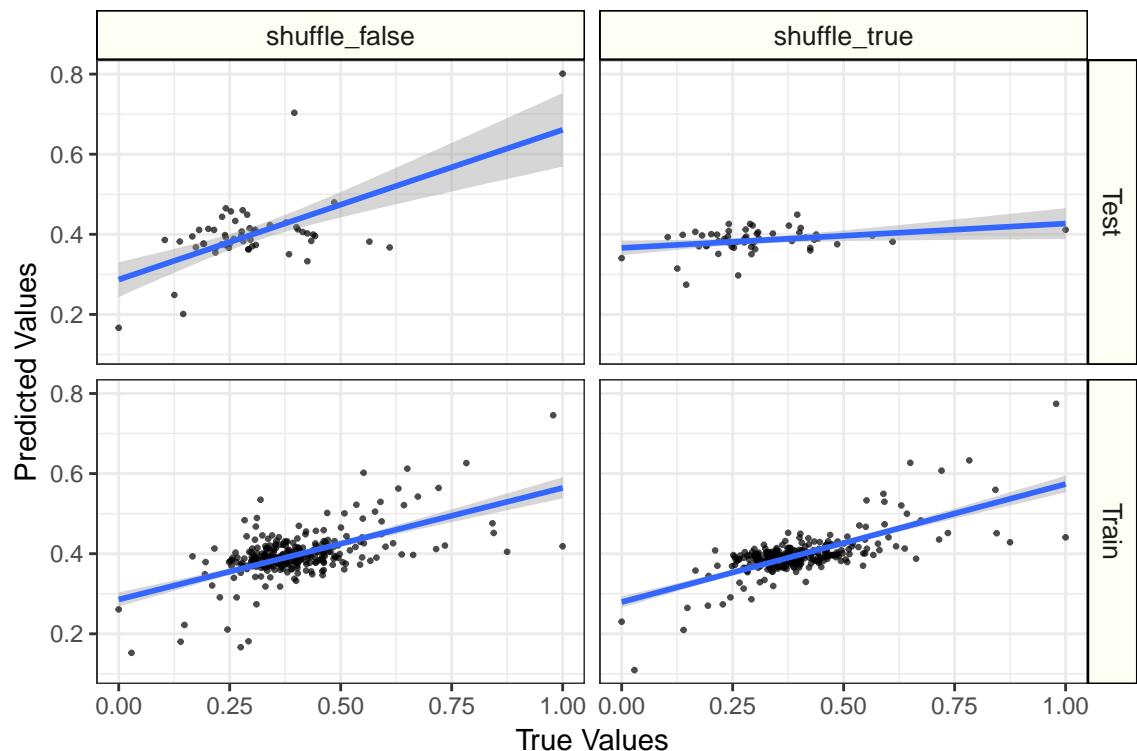


fit	shuffle	transform	r2	mse
Train	Real	raw	0.33	0.40
Test	Real	raw	0.37	0.28
Train	Shuffle	raw	0.47	0.32
Test	Shuffle	raw	-0.10	0.49

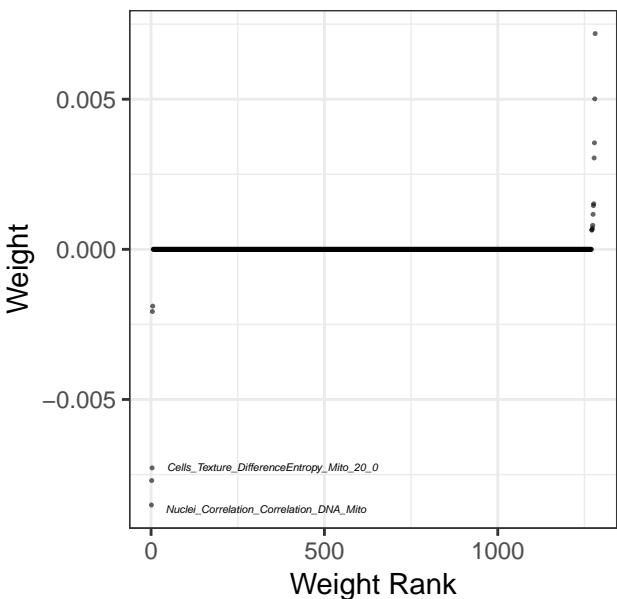


# Performance: cc\_edu\_pos\_n\_spots\_per\_nucleus\_area\_mean

Transform: zero-one

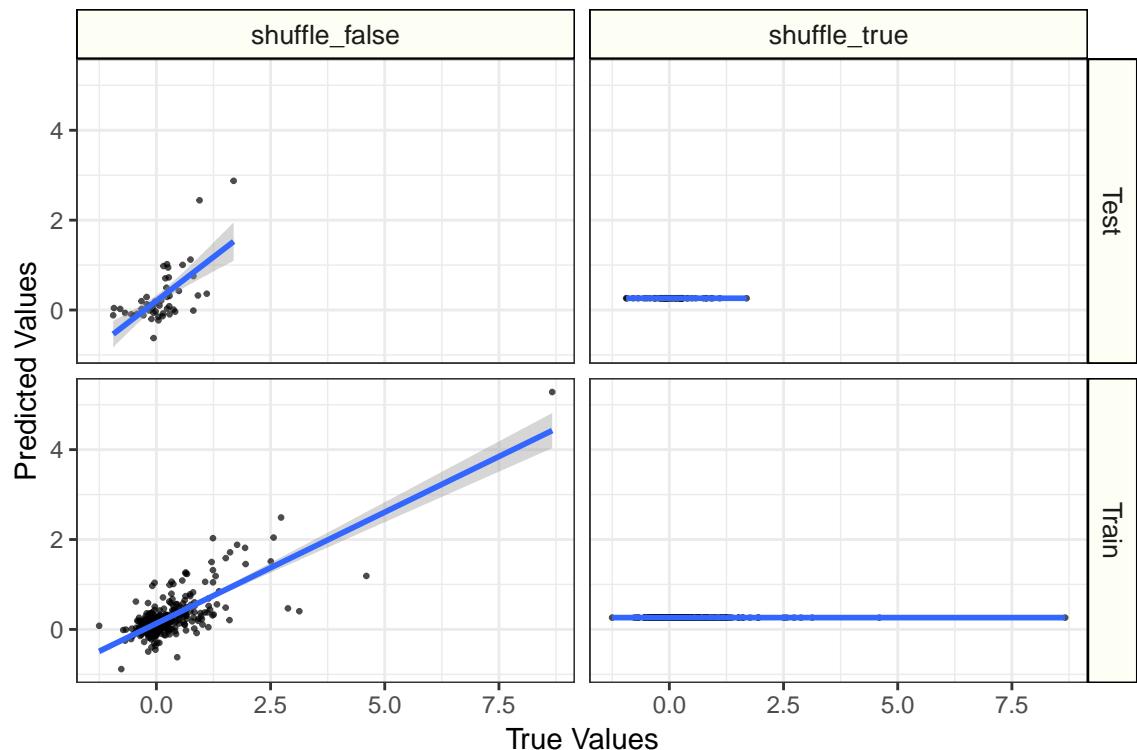


fit	shuffle	transform	r2	mse
Train	Real	zero-one	0.34	0.01
Test	Real	zero-one	-0.04	0.02
Train	Shuffle	zero-one	0.42	0.01
Test	Shuffle	zero-one	-0.23	0.03

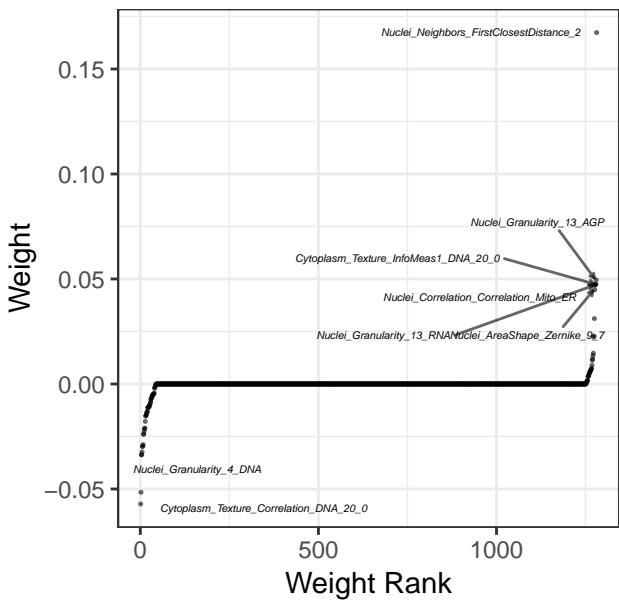


# Performance: cc\_g1\_high\_n\_spots\_h2ax\_mean

Transform: raw

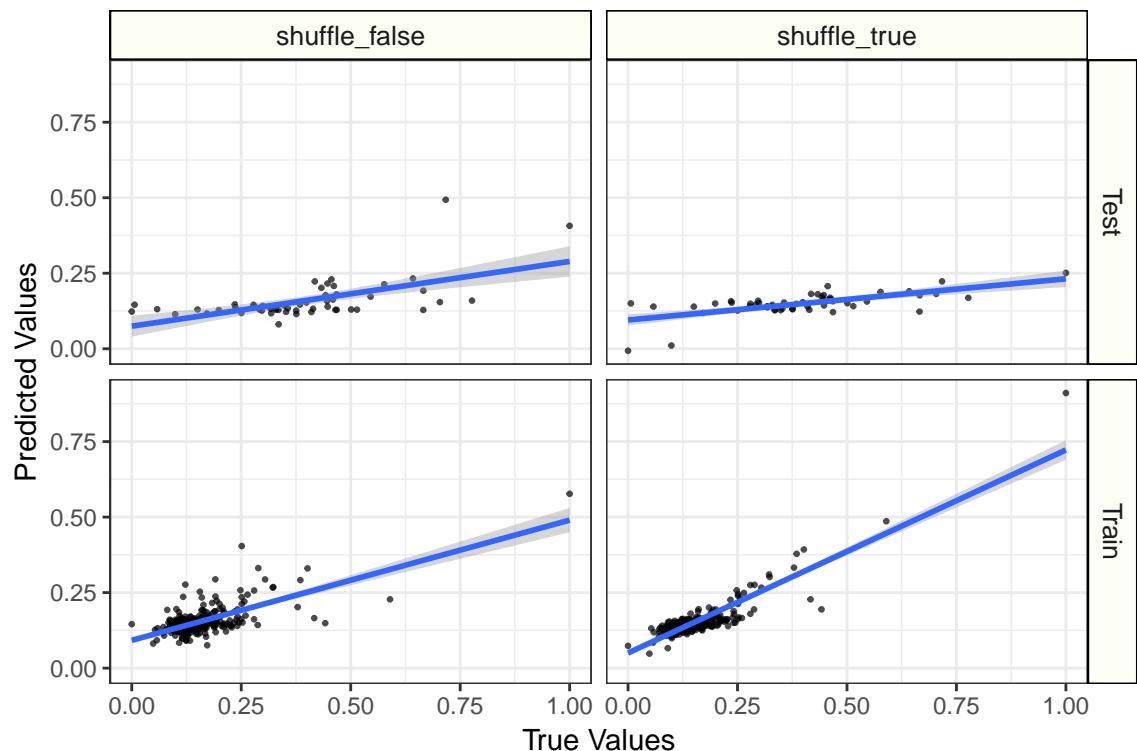


fit	shuffle	transform	r2	mse
Train	Real	raw	0.58	0.27
Test	Real	raw	-0.02	0.25
Train	Shuffle	raw	0.00	0.65
Test	Shuffle	raw	-0.12	0.27

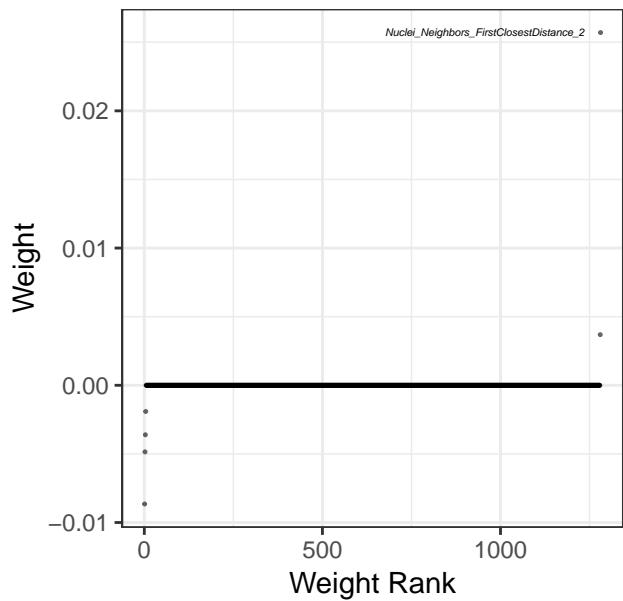


# Performance: cc\_g1\_high\_n\_spots\_h2ax\_mean

Transform: zero-one

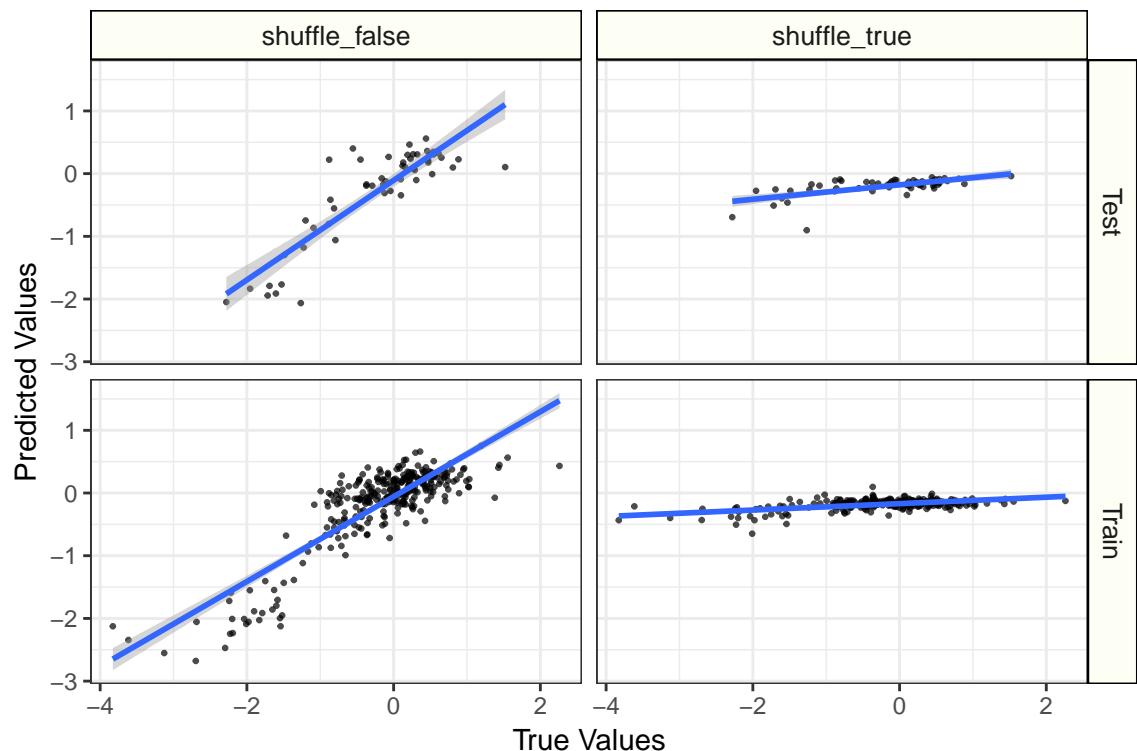


fit	shuffle	transform	r2	mse
Train	Real	zero-one	0.46	0.00
Test	Real	zero-one	-1.30	0.08
Train	Shuffle	zero-one	0.78	0.00
Test	Shuffle	zero-one	-1.51	0.09

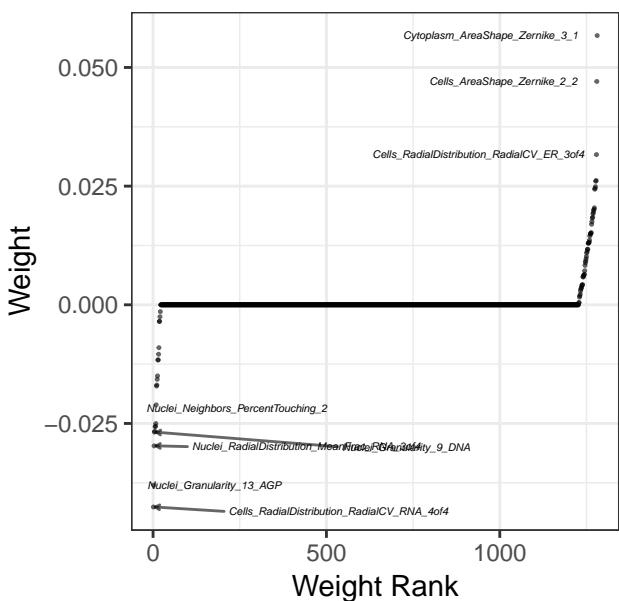


# Performance: cc\_g1\_n\_objects

Transform: raw

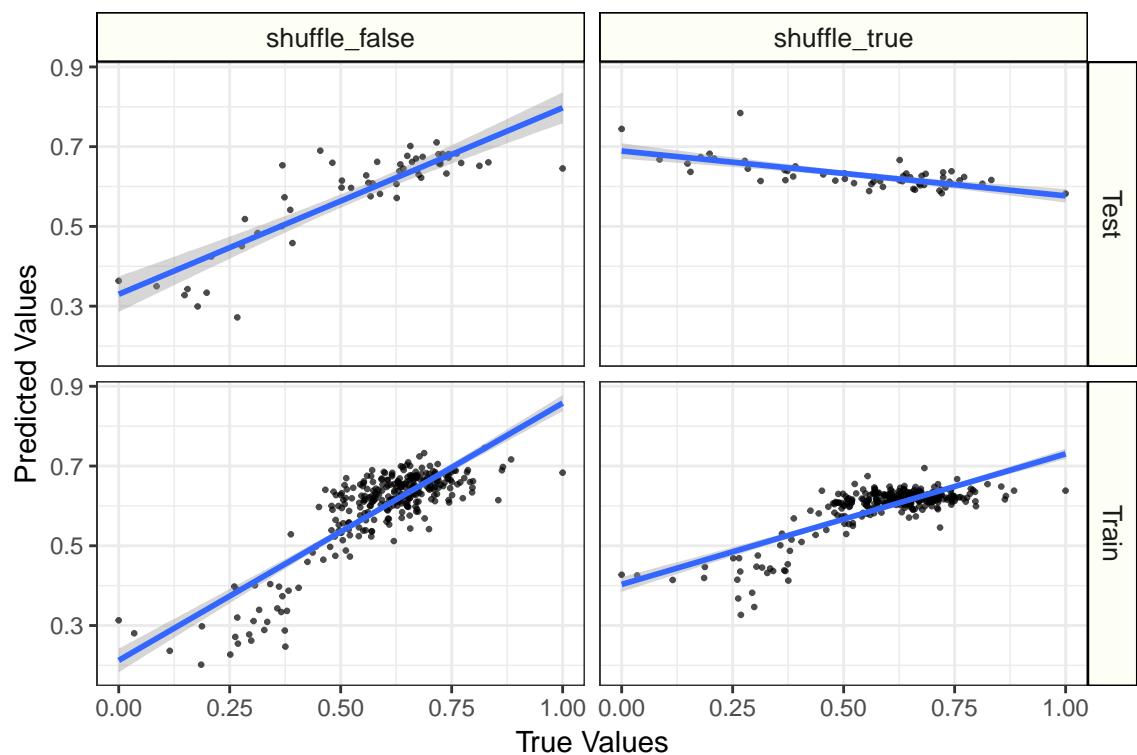


fit	shuffle	transform	r2	mse
Train	Real	raw	0.72	0.19
Test	Real	raw	0.76	0.16
Train	Shuffle	raw	0.09	0.61
Test	Shuffle	raw	0.20	0.55

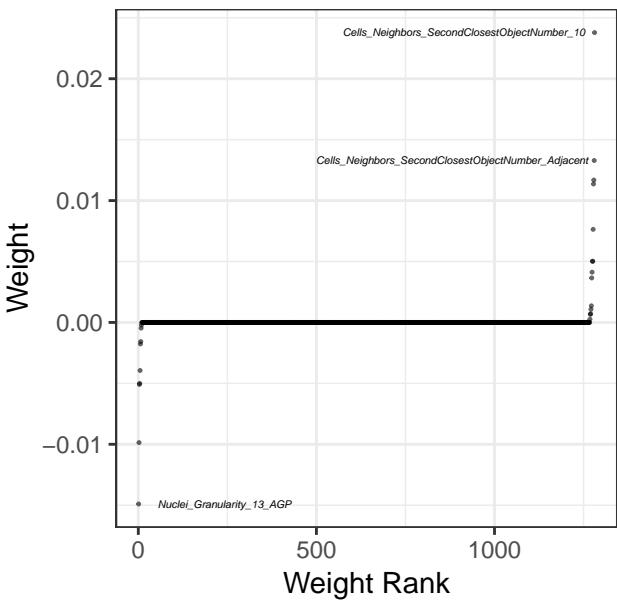


# Performance: cc\_g1\_n\_objects

## Transform: zero-one

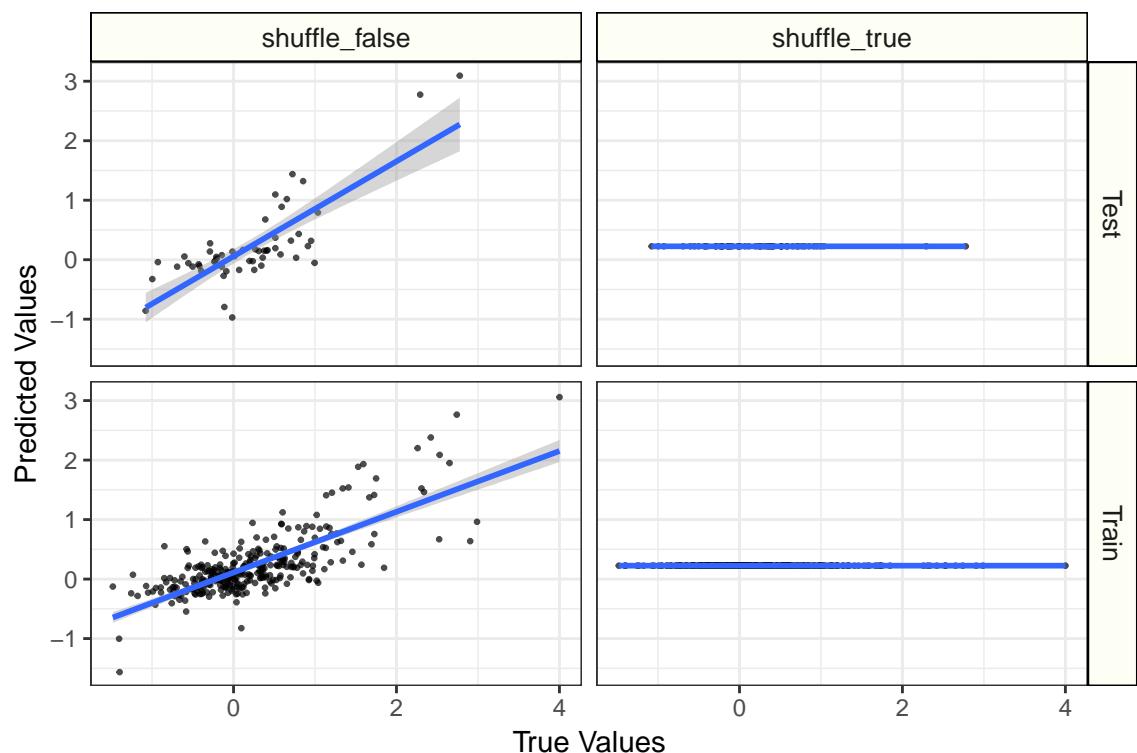


fit	shuffle	transform	r2	mse
Train	Real	zero-one	0.70	0.01
Test	Real	zero-one	0.60	0.02
Train	Shuffle	zero-one	0.48	0.01
Test	Shuffle	zero-one	-0.42	0.07

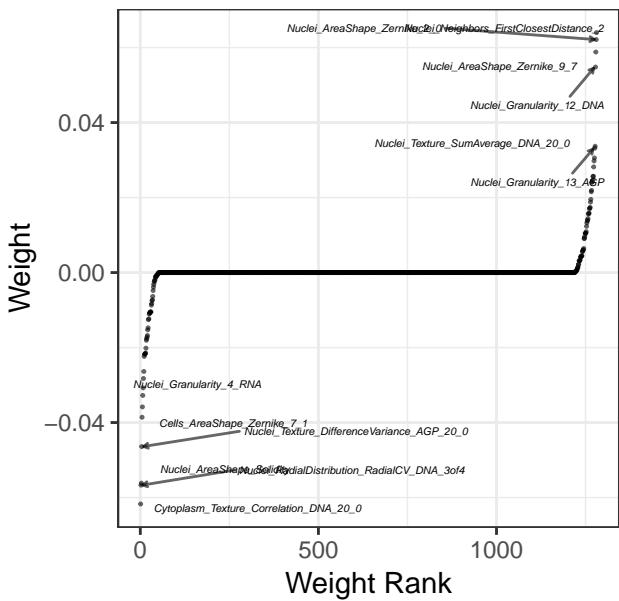


# Performance: cc\_g1\_n\_spots\_mean

Transform: raw

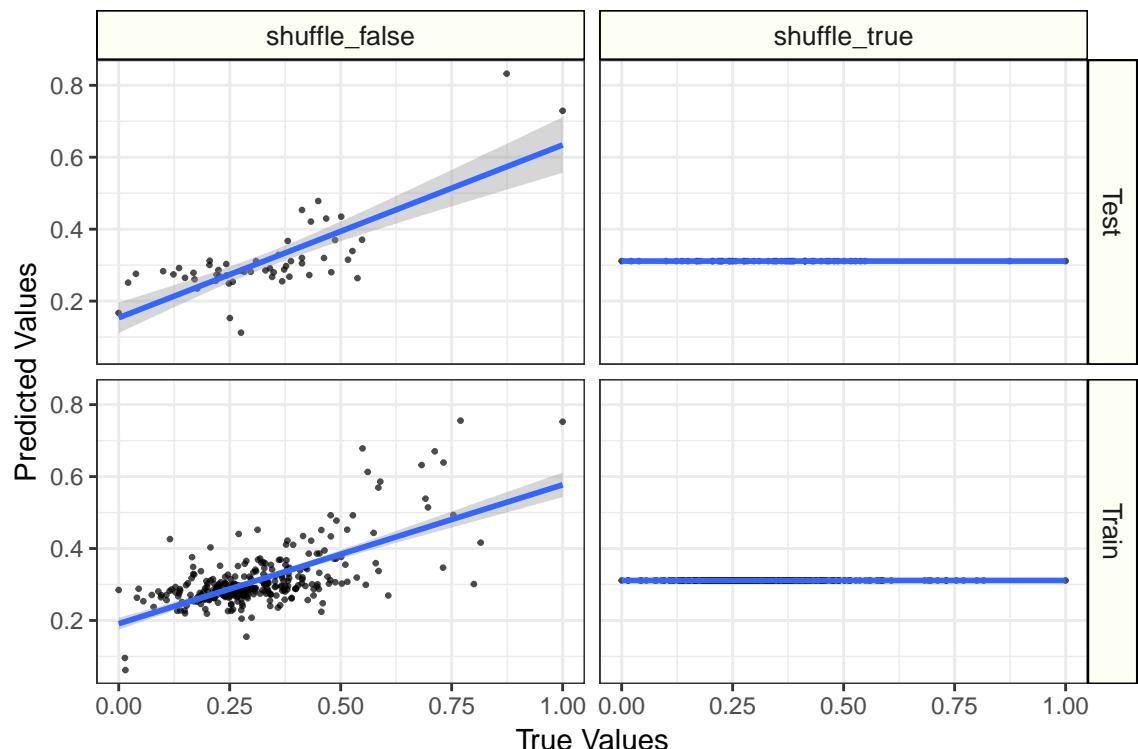


fit	shuffle	transform	r2	mse
Train	Real	raw	0.58	0.26
Test	Real	raw	0.59	0.20
Train	Shuffle	raw	0.00	0.63
Test	Shuffle	raw	0.00	0.48

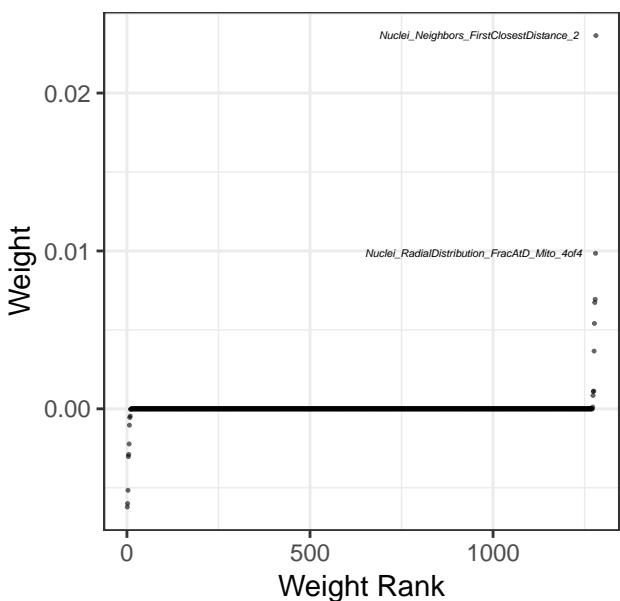


# Performance: cc\_g1\_n\_spots\_mean

Transform: zero-one

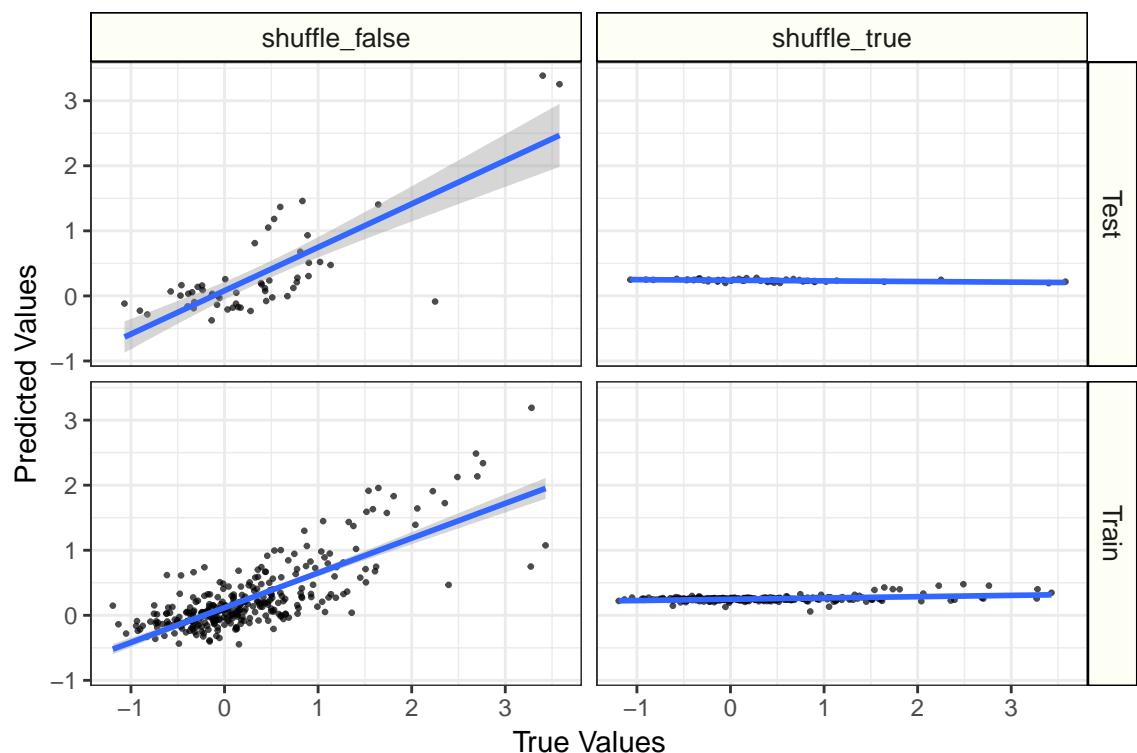


fit	shuffle	transform	r2	mse
Train	Real	zero-one	0.44	0.01
Test	Real	zero-one	0.56	0.01
Train	Shuffle	zero-one	0.00	0.02
Test	Shuffle	zero-one	-0.02	0.03

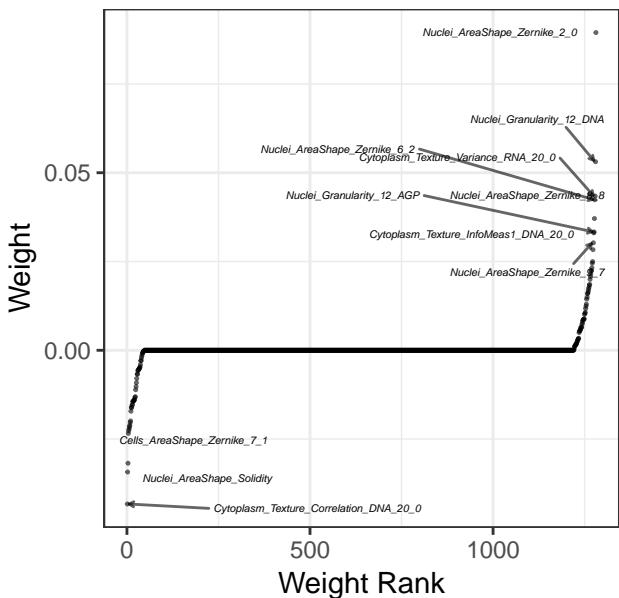


# Performance: cc\_g1\_n\_spots\_per\_nucleus\_area\_mean

Transform: raw

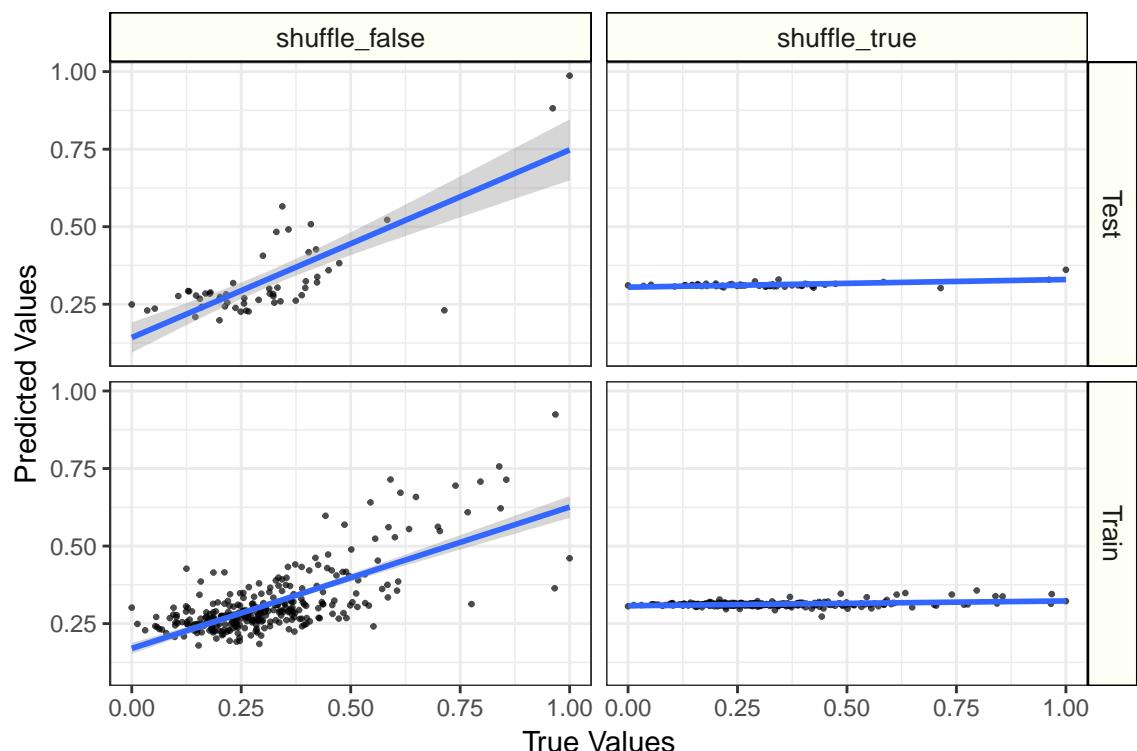


fit	shuffle	transform	r2	mse
Train	Real	raw	0.60	0.24
Test	Real	raw	0.62	0.29
Train	Shuffle	raw	0.04	0.56
Test	Shuffle	raw	-0.04	0.78

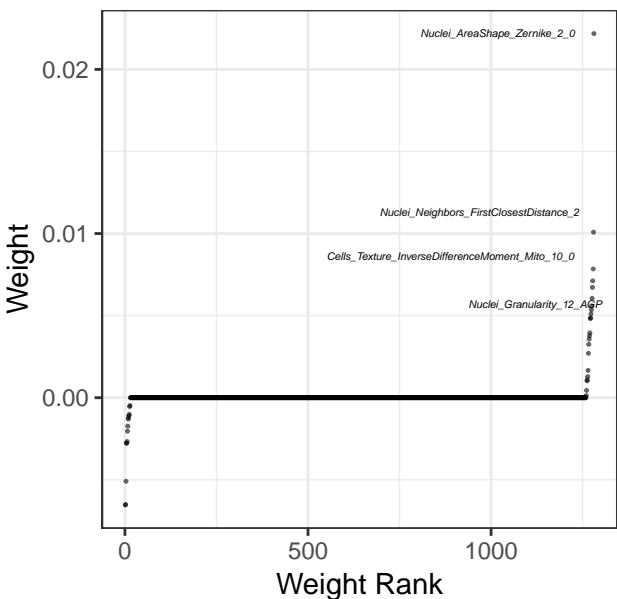


# Performance: cc\_g1\_n\_spots\_per\_nucleus\_area\_mean

Transform: zero-one

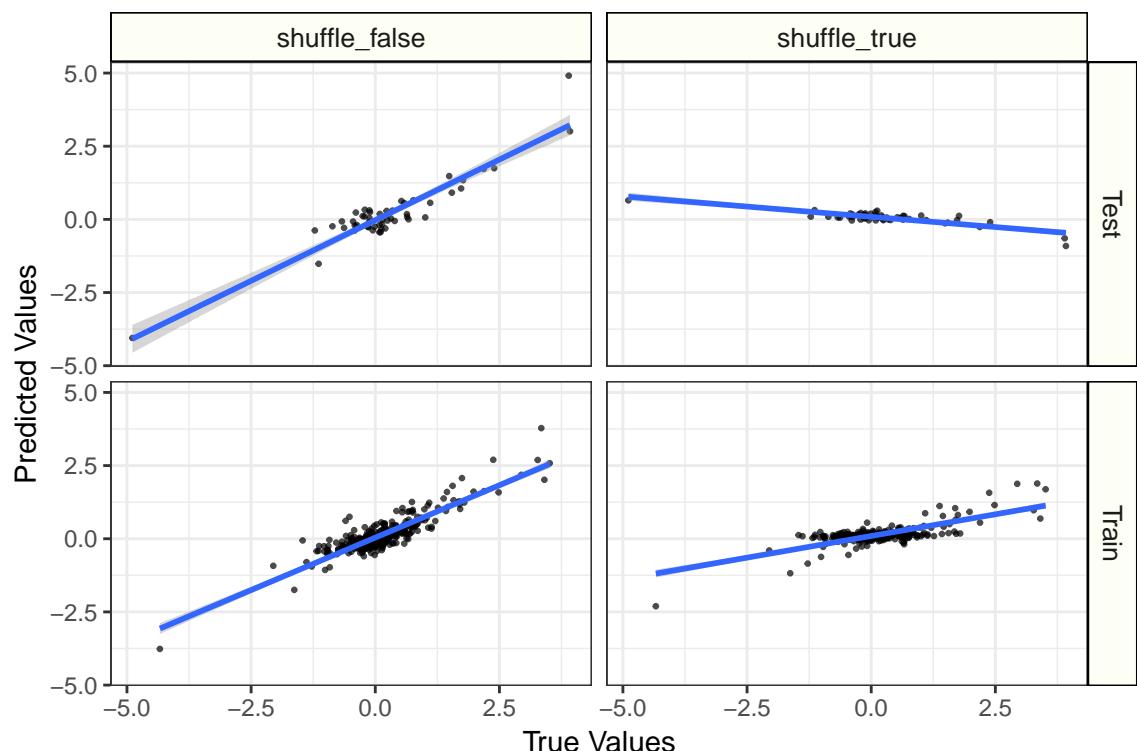


fit	shuffle	transform	r2	mse
Train	Real	zero-one	0.51	0.01
Test	Real	zero-one	0.59	0.01
Train	Shuffle	zero-one	0.03	0.03
Test	Shuffle	zero-one	0.05	0.03

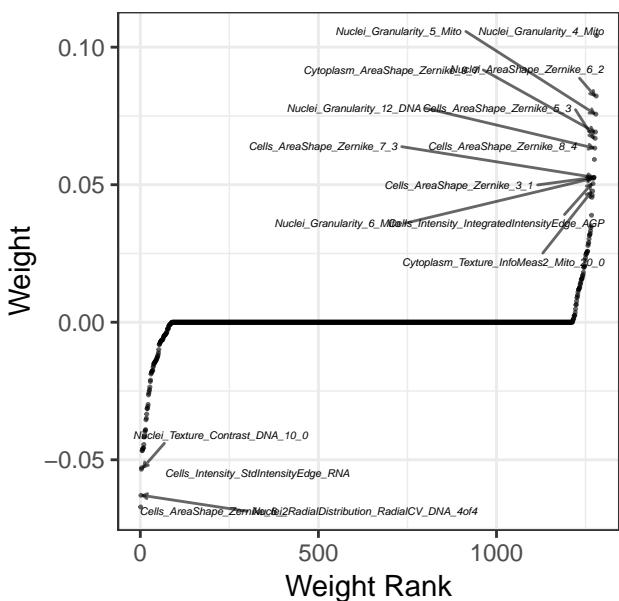


# Performance: cc\_g1\_plus\_g2

Transform: raw

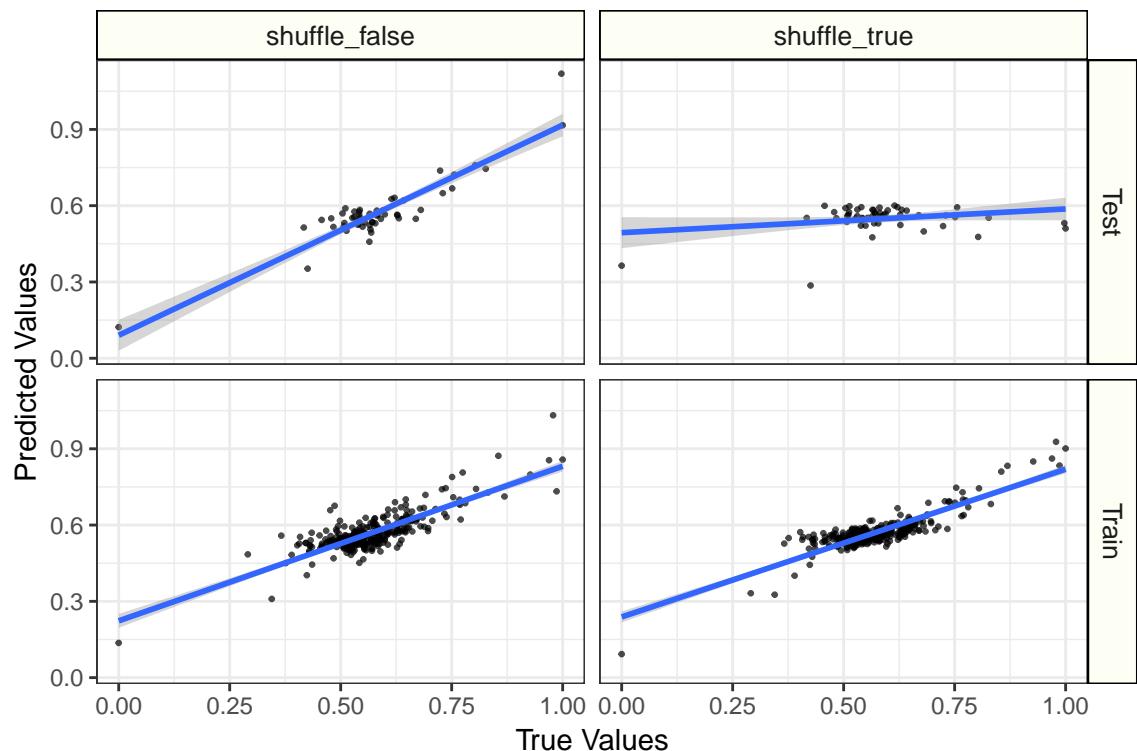


fit	shuffle	transform	r2	mse
Train	Real	raw	0.79	0.14
Test	Real	raw	0.86	0.21
Train	Shuffle	raw	0.44	0.37
Test	Shuffle	raw	-0.34	2.05

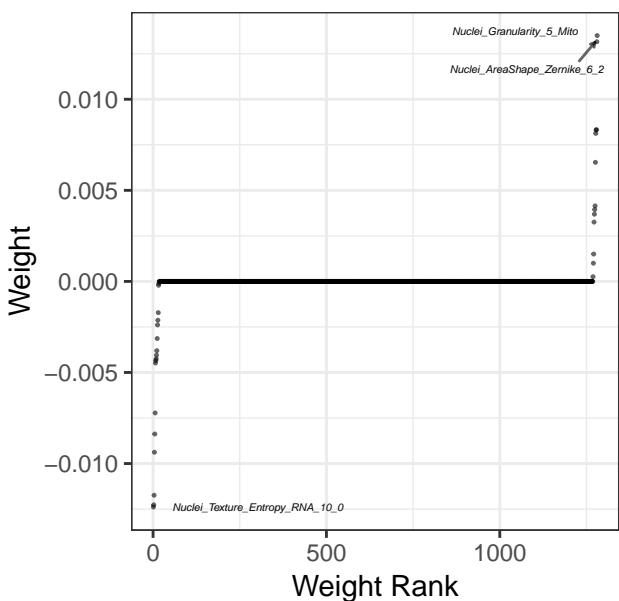


# Performance: cc\_g1\_plus\_g2

Transform: zero-one

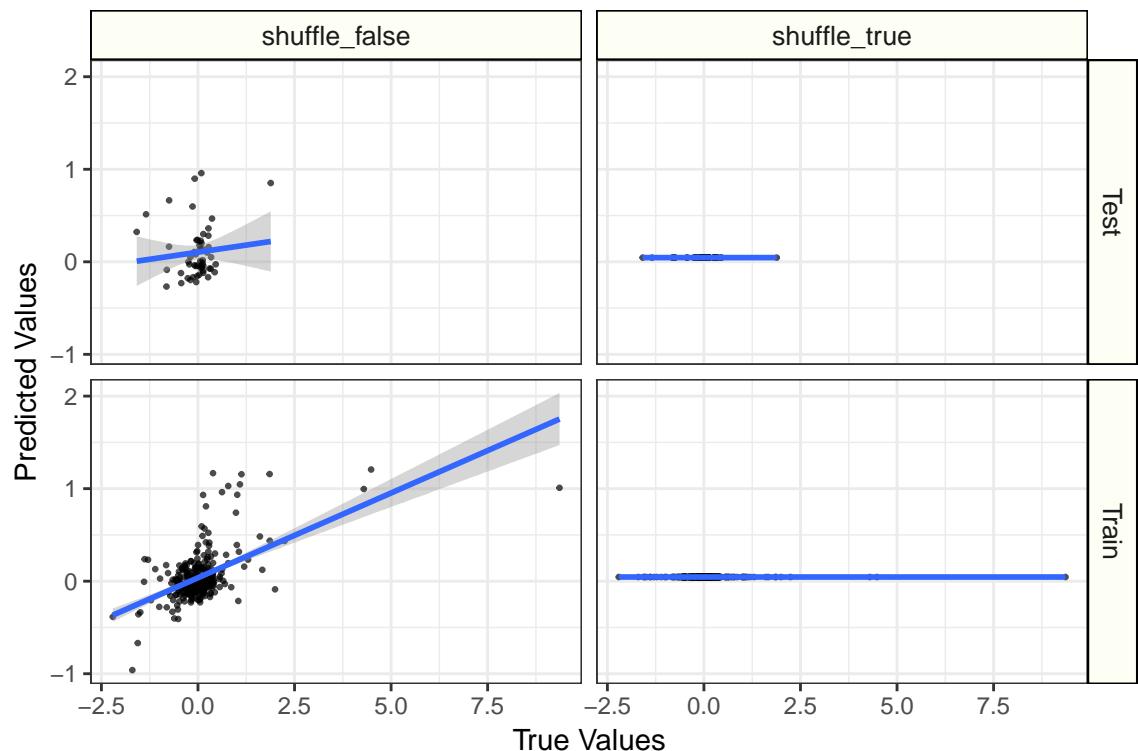


fit	shuffle	transform	r2	mse
Train	Real	zero-one	0.67	0.00
Test	Real	zero-one	0.83	0.00
Train	Shuffle	zero-one	0.71	0.00
Test	Shuffle	zero-one	-0.02	0.02

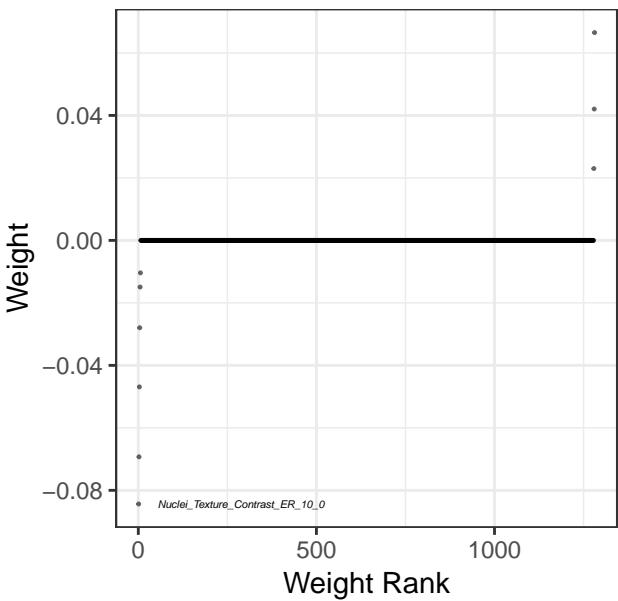


# Performance: cc\_g2\_g1

Transform: raw

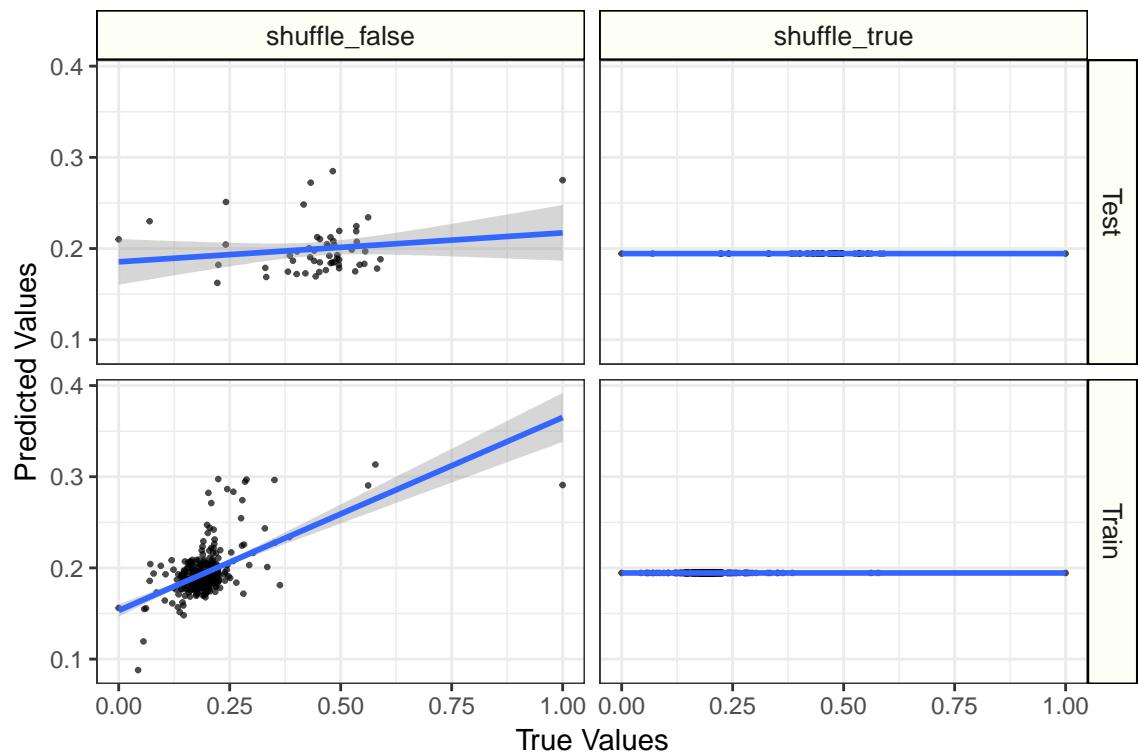


fit	shuffle	transform	r2	mse
Train	Real	raw	0.26	0.51
Test	Real	raw	-0.31	0.30
Train	Shuffle	raw	0.00	0.70
Test	Shuffle	raw	-0.03	0.23

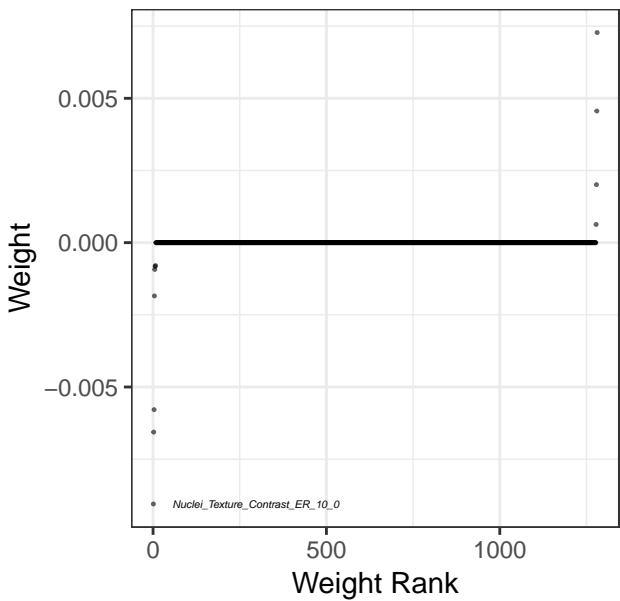


# Performance: cc\_g2\_g1

Transform: zero-one

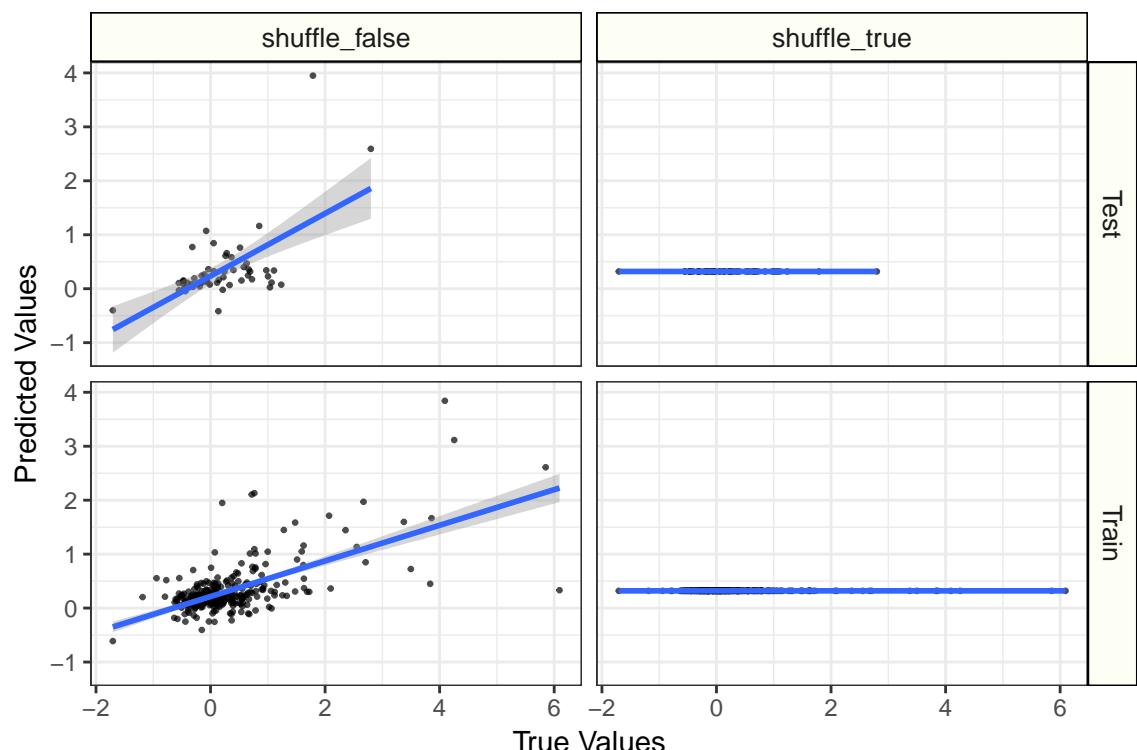


fit	shuffle	transform	r2	mse
Train	Real	zero-one	0.29	0.00
Test	Real	zero-one	-3.21	0.08
Train	Shuffle	zero-one	0.00	0.01
Test	Shuffle	zero-one	-3.38	0.08

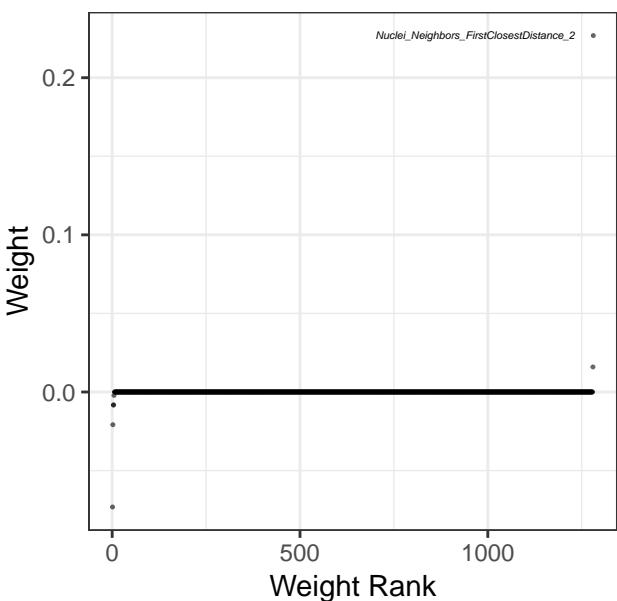


# Performance: cc\_g2\_ph3\_neg\_high\_n\_spots\_h2ax\_mean

Transform: raw

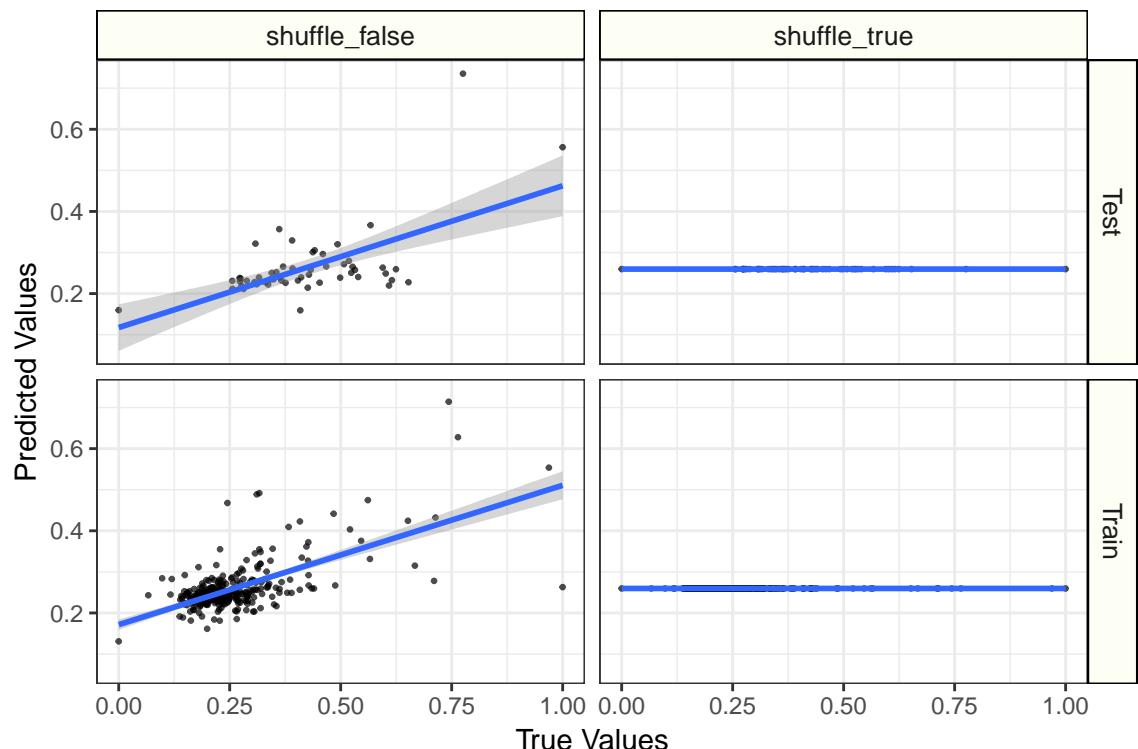


fit	shuffle	transform	r2	mse
Train	Real	raw	0.39	0.50
Test	Real	raw	0.21	0.37
Train	Shuffle	raw	0.00	0.83
Test	Shuffle	raw	-0.02	0.48

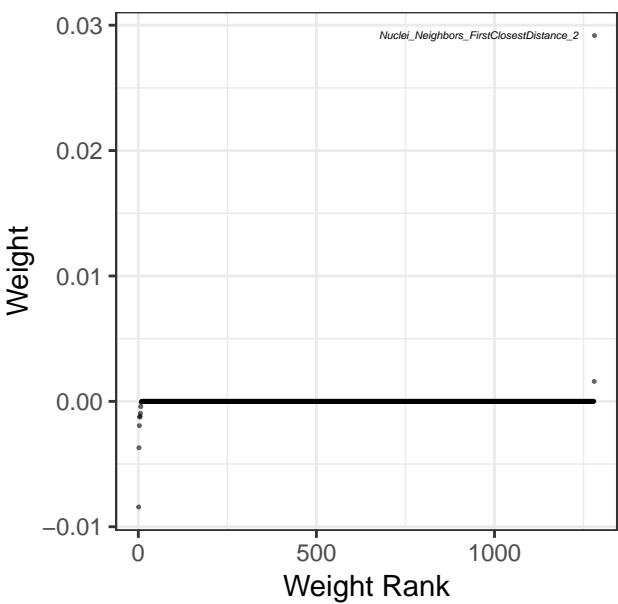


# Performance: cc\_g2\_ph3\_neg\_high\_n\_spots\_h2ax\_mean

Transform: zero-one

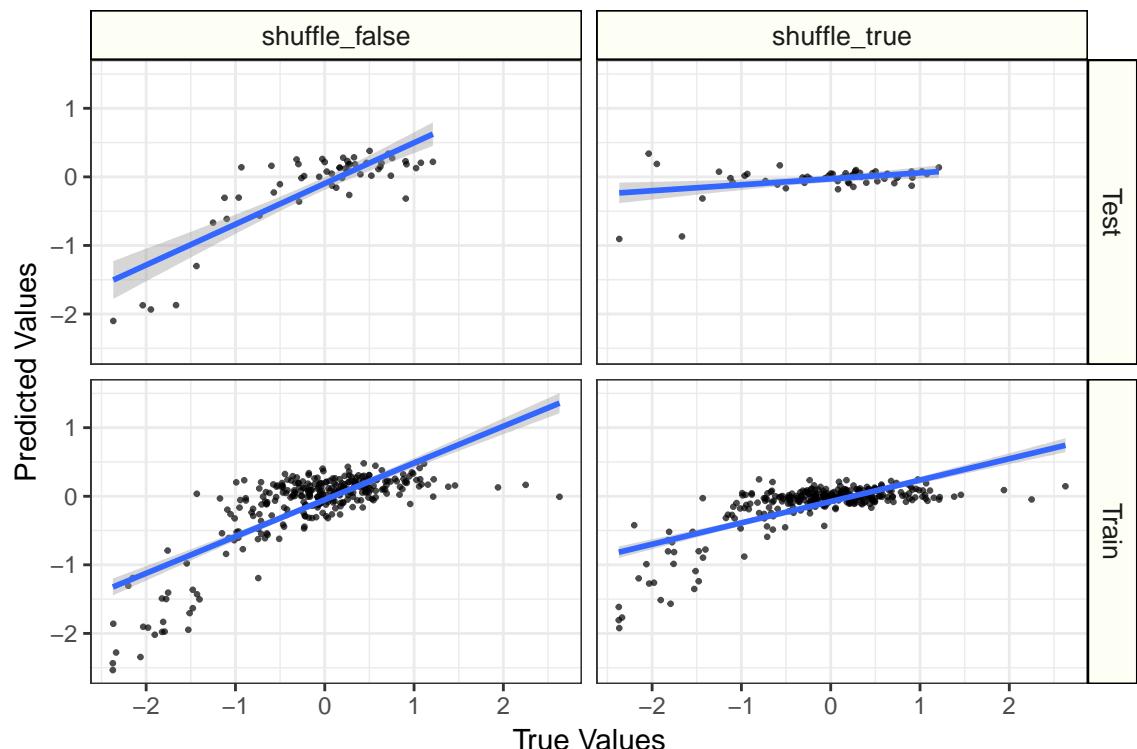


fit	shuffle	transform	r2	mse
Train	Real	zero-one	0.40	0.01
Test	Real	zero-one	-0.76	0.04
Train	Shuffle	zero-one	0.00	0.01
Test	Shuffle	zero-one	-1.21	0.05

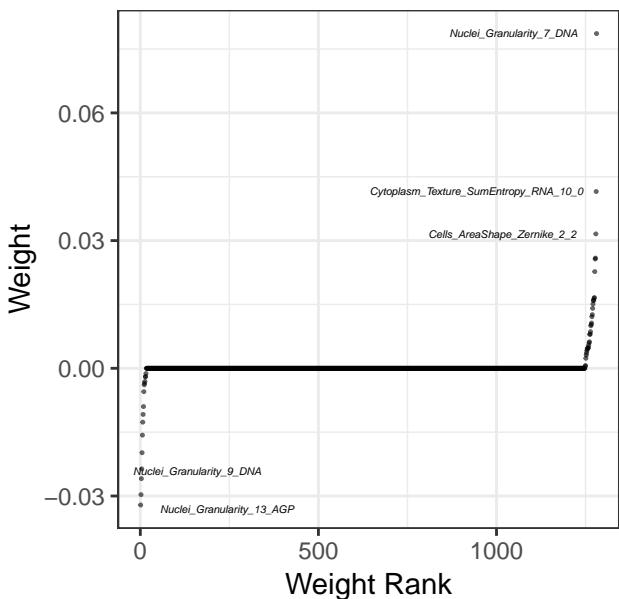


# Performance: cc\_g2\_ph3\_neg\_n\_objects

Transform: raw

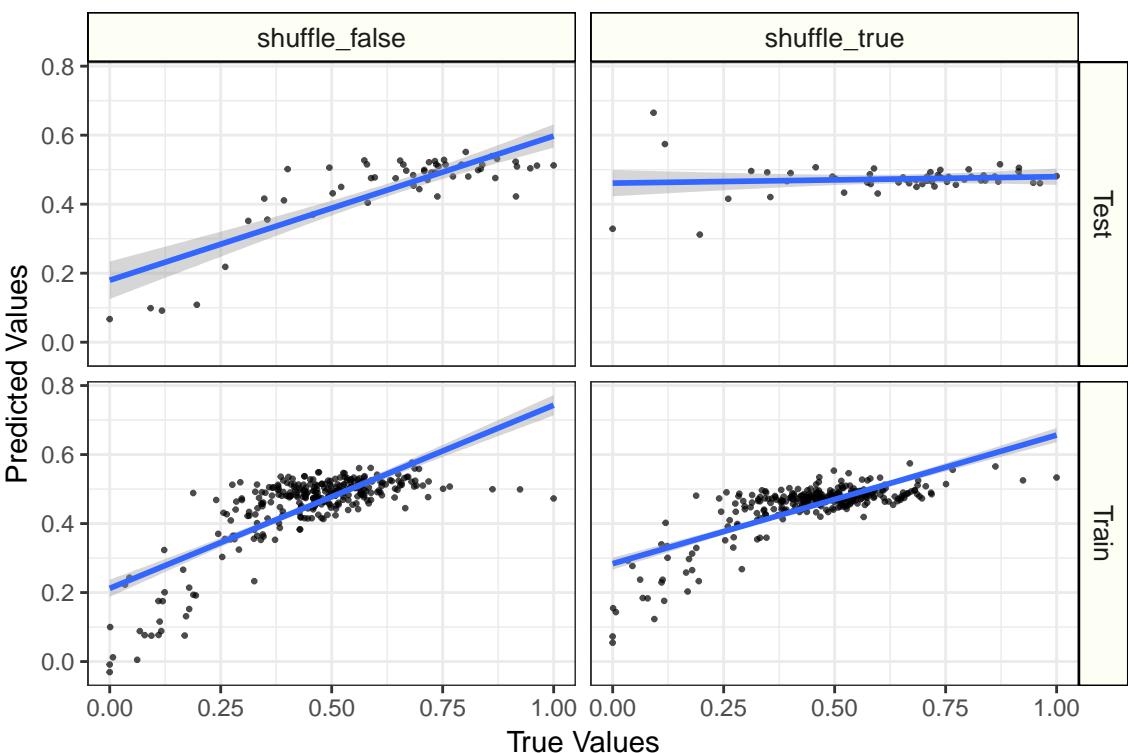


fit	shuffle	transform	r2	mse
Train	Real	raw	0.58	0.25
Test	Real	raw	0.66	0.23
Train	Shuffle	raw	0.43	0.34
Test	Shuffle	raw	0.12	0.60

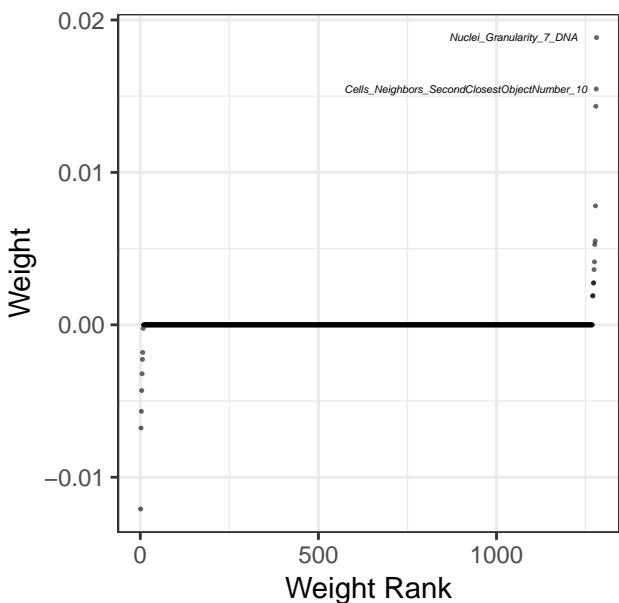


# Performance: cc\_g2\_ph3\_neg\_n\_objects

Transform: zero-one

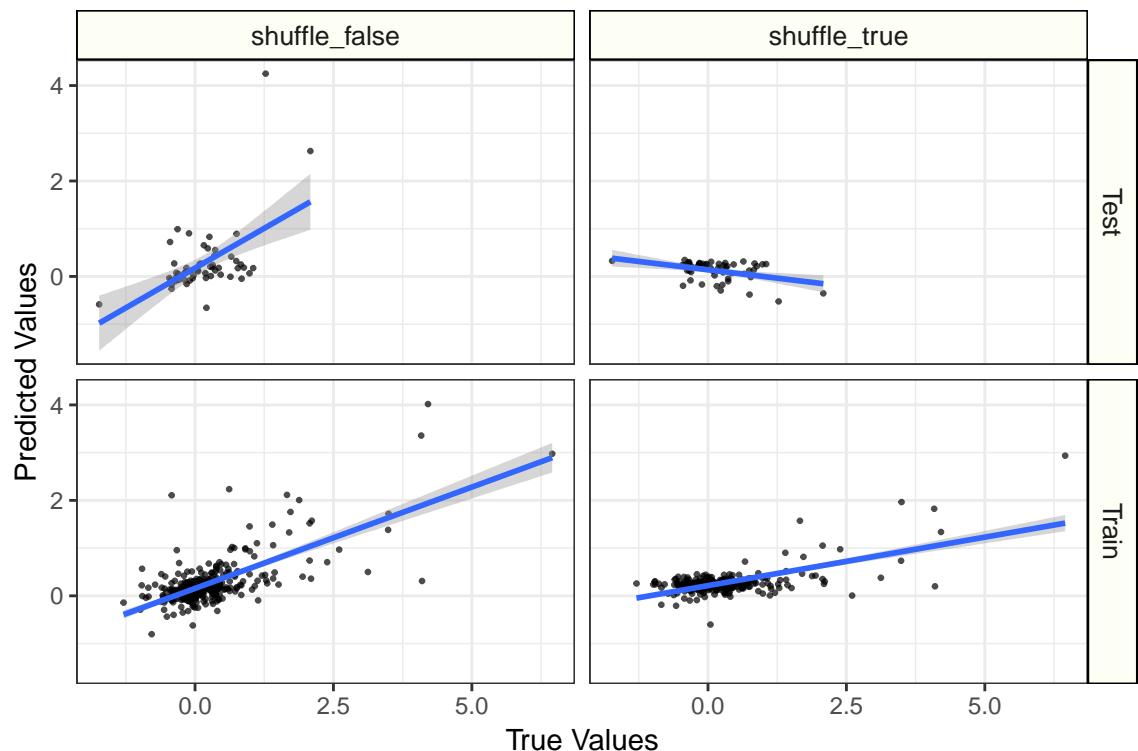


fit	shuffle	transform	r2	mse
Train	Real	zero-one	0.57	0.01
Test	Real	zero-one	-0.14	0.06
Train	Shuffle	zero-one	0.50	0.01
Test	Shuffle	zero-one	-0.56	0.08

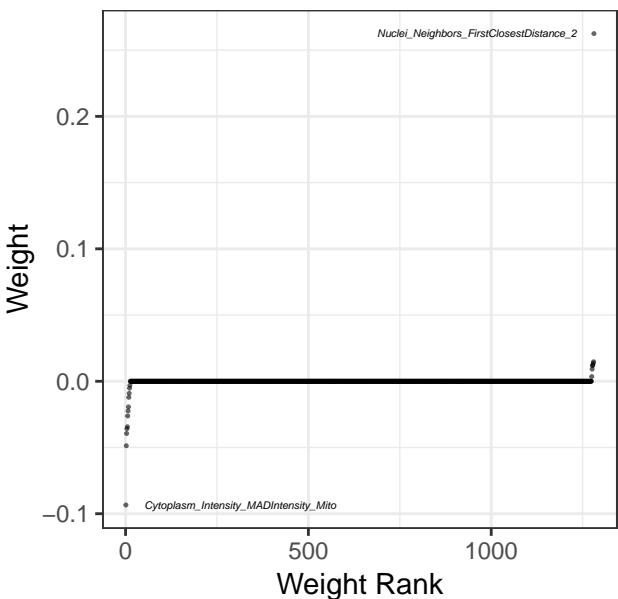


# Performance: cc\_g2\_ph3\_neg\_n\_spots\_mean

Transform: raw

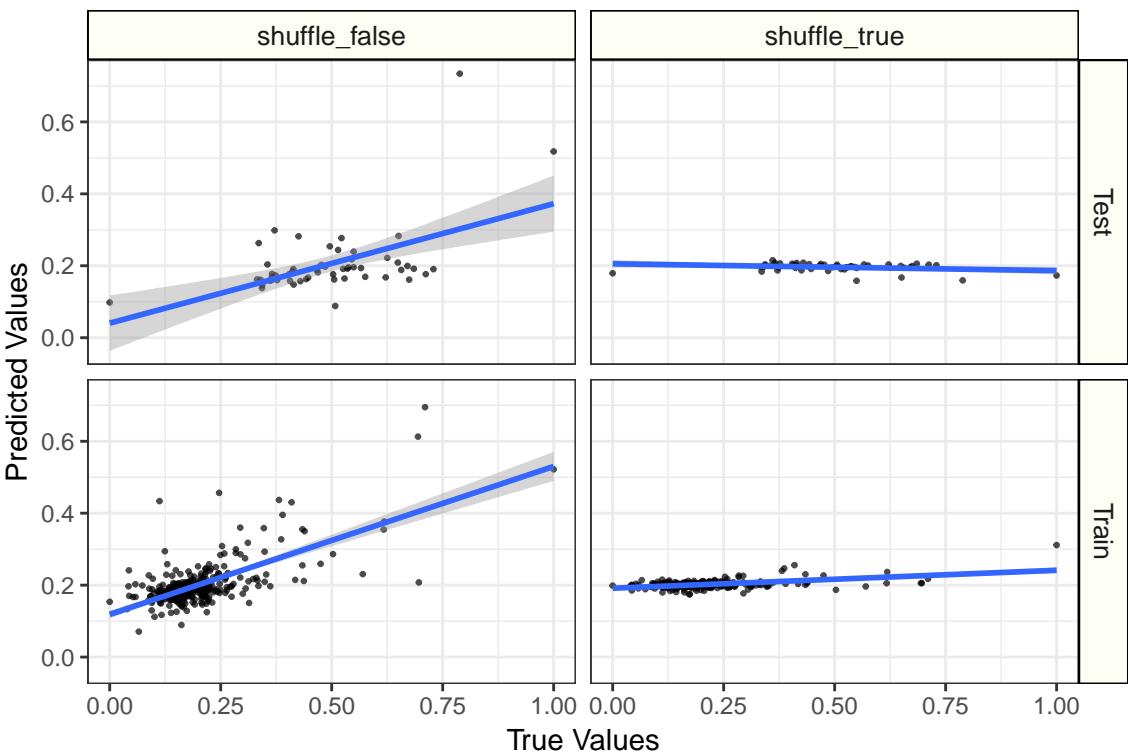


fit	shuffle	transform	r2	mse
Train	Real	raw	0.48	0.38
Test	Real	raw	-0.26	0.42
Train	Shuffle	raw	0.31	0.50
Test	Shuffle	raw	-0.41	0.47

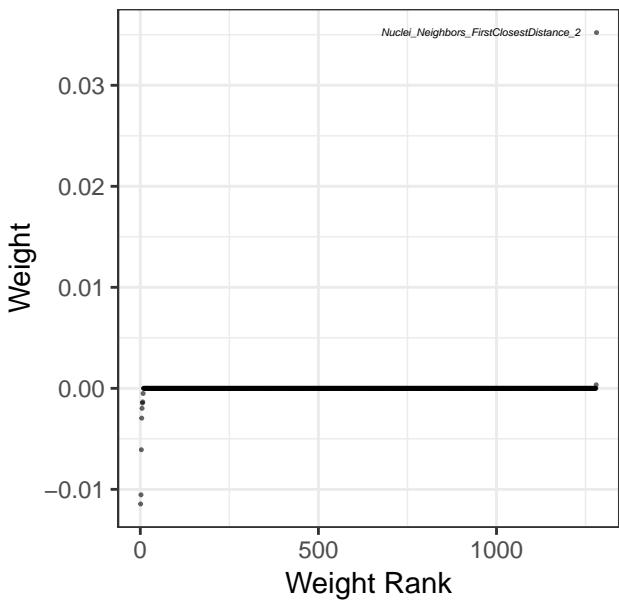


# Performance: cc\_g2\_ph3\_neg\_n\_spots\_mean

Transform: zero-one

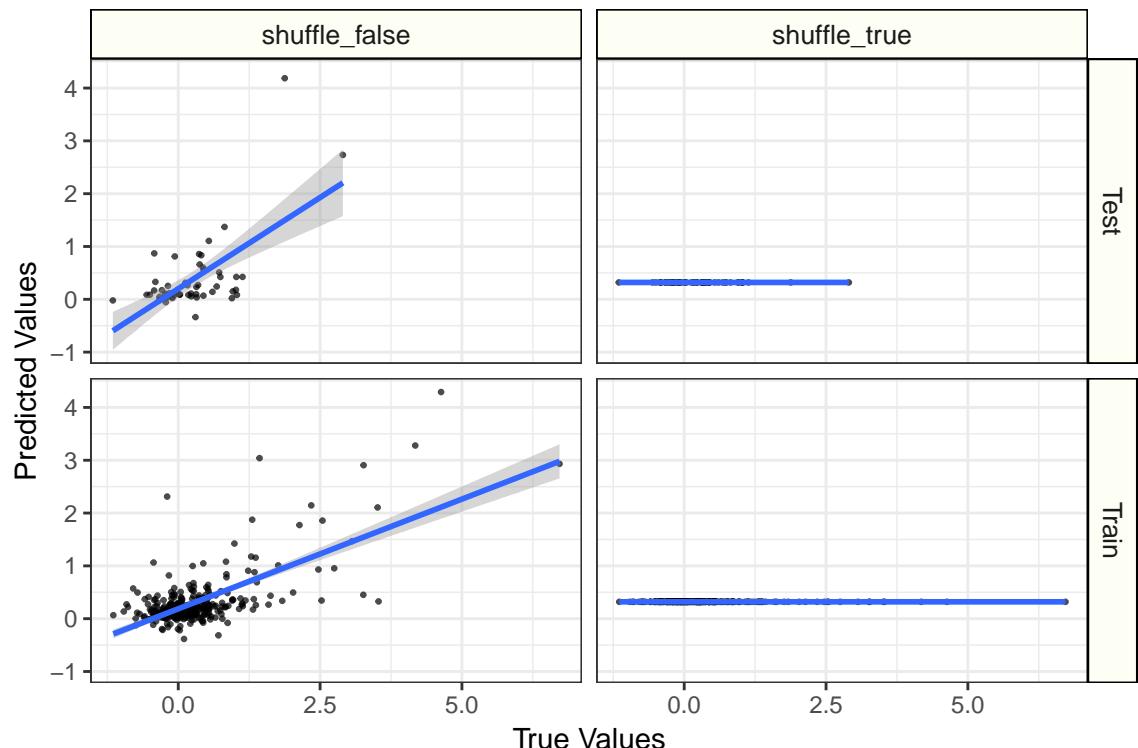


fit	shuffle	transform	r2	mse
Train	Real	zero-one	0.46	0.01
Test	Real	zero-one	-3.44	0.10
Train	Shuffle	zero-one	0.09	0.01
Test	Shuffle	zero-one	-3.98	0.11

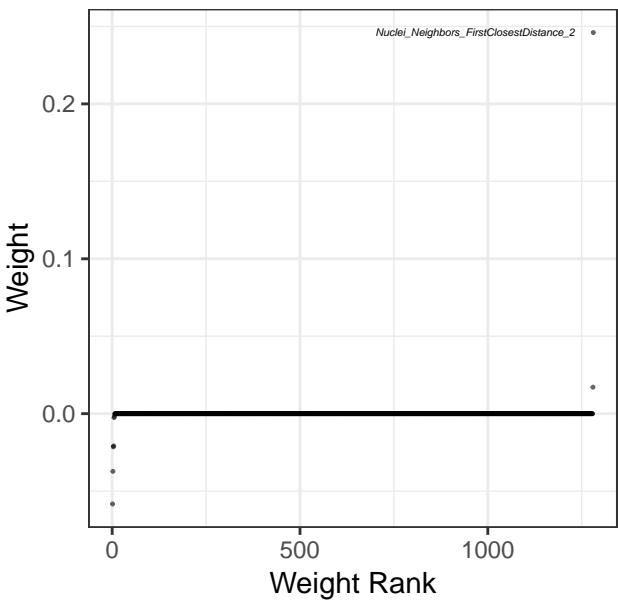


# Performance: cc\_g2\_ph3\_neg\_n\_spots\_per\_nucleus\_area\_mean

Transform: raw

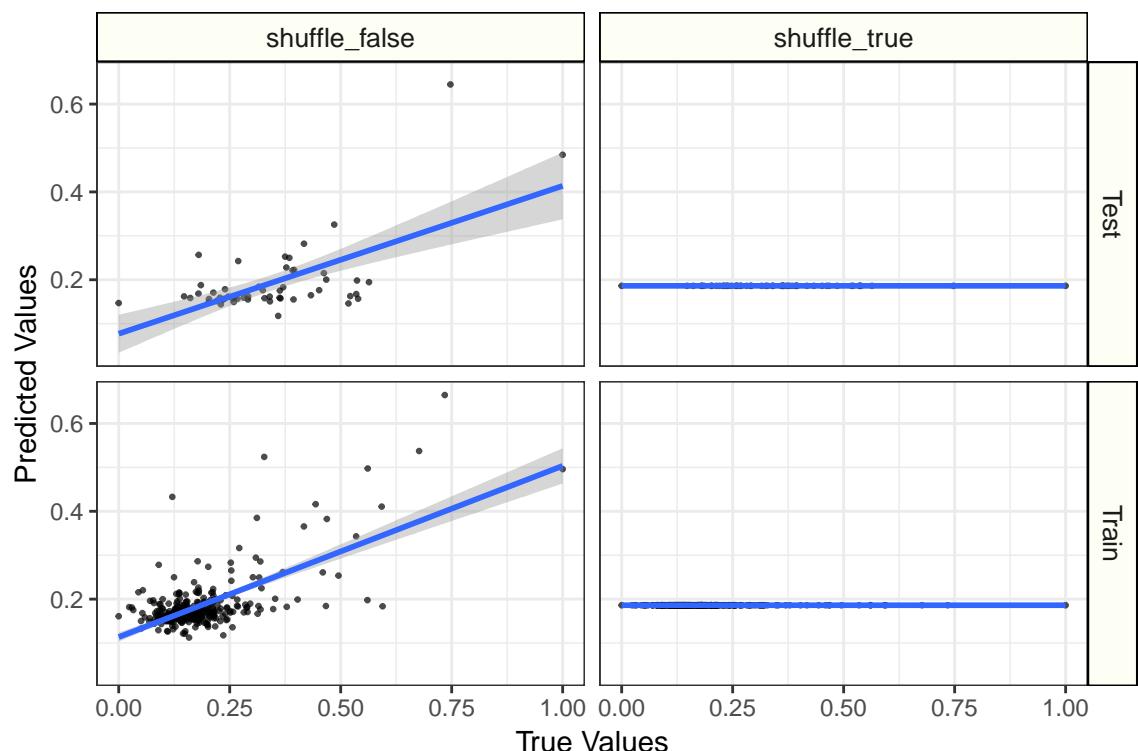


fit	shuffle	transform	r2	mse
Train	Real	raw	0.46	0.41
Test	Real	raw	0.18	0.34
Train	Shuffle	raw	0.00	0.76
Test	Shuffle	raw	-0.01	0.42

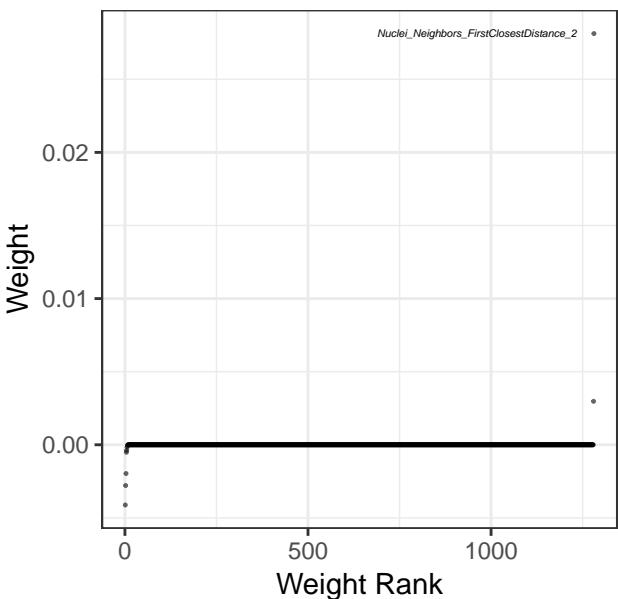


# Performance: cc\_g2\_ph3\_neg\_n\_spots\_per\_nucleus\_area\_mean

Transform: zero-one

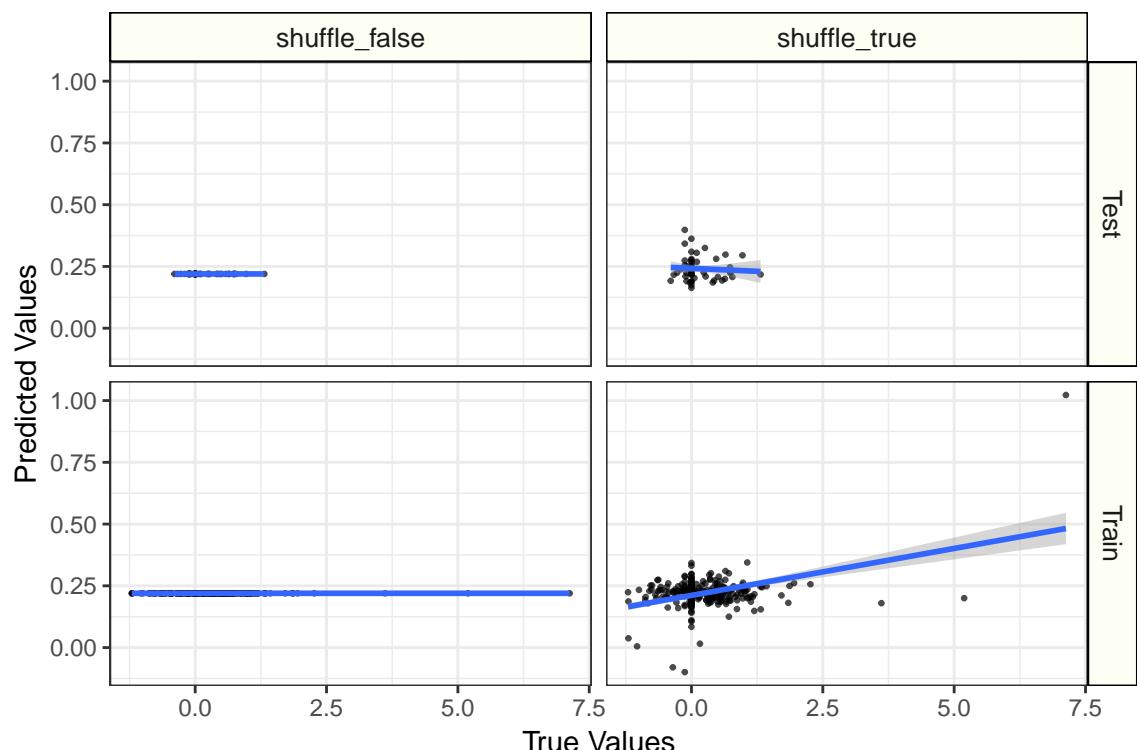


fit	shuffle	transform	r2	mse
Train	Real	zero-one	0.44	0.01
Test	Real	zero-one	-0.54	0.04
Train	Shuffle	zero-one	0.00	0.01
Test	Shuffle	zero-one	-1.03	0.05

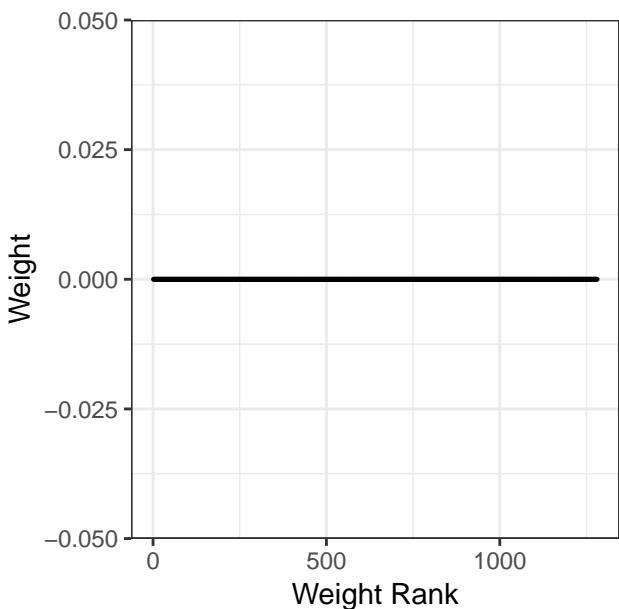


# Performance: cc\_g2\_ph3\_pos\_high\_n\_spots\_h2ax\_mean

Transform: raw

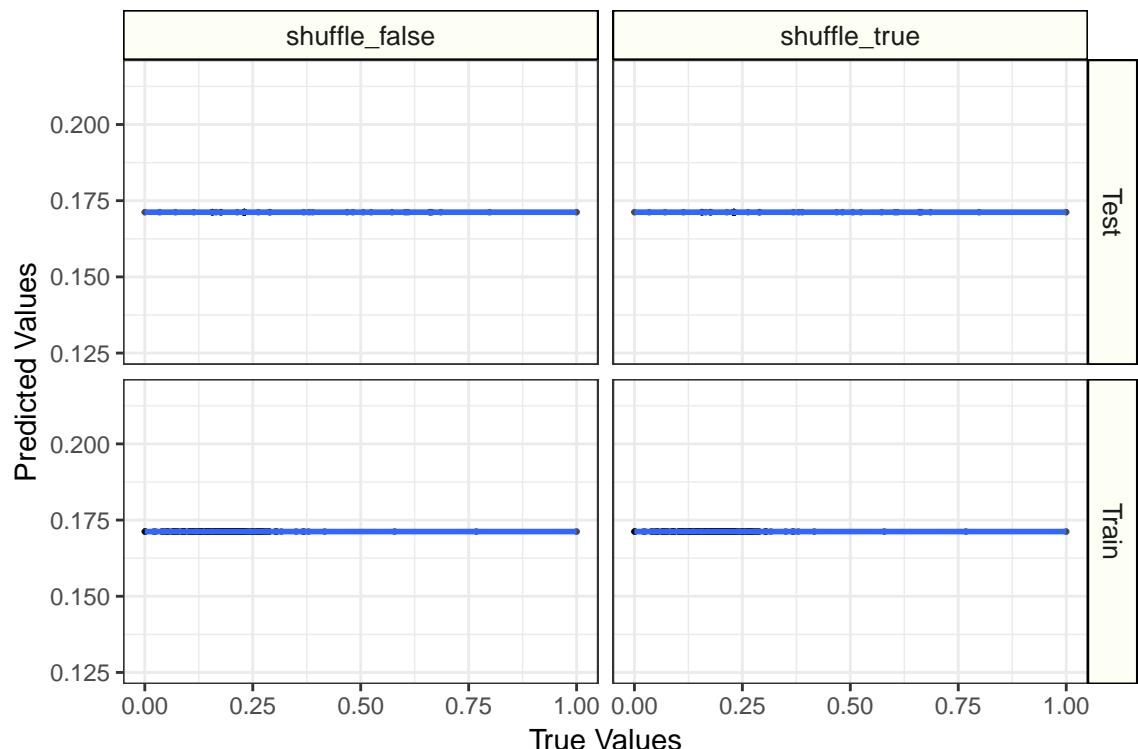


fit	shuffle	transform	r2	mse
Train	Real	raw	0.00	0.54
Test	Real	raw	-0.05	0.13
Train	Shuffle	raw	0.07	0.50
Test	Shuffle	raw	-0.11	0.13

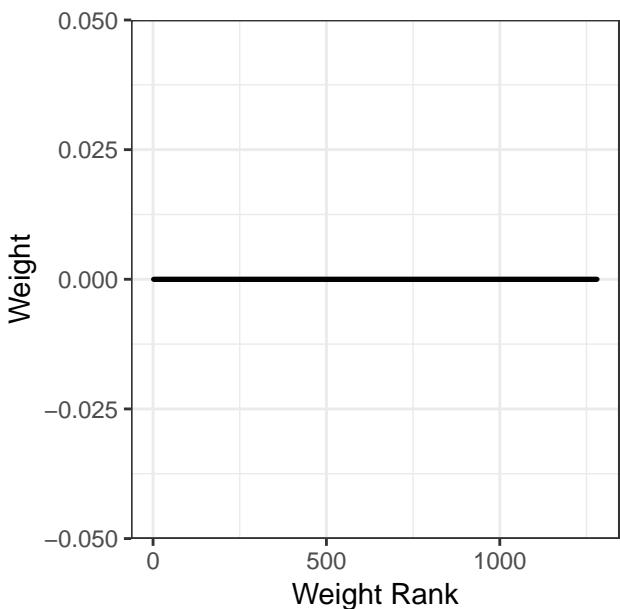


# Performance: cc\_g2\_ph3\_pos\_high\_n\_spots\_h2ax\_mean

Transform: zero-one

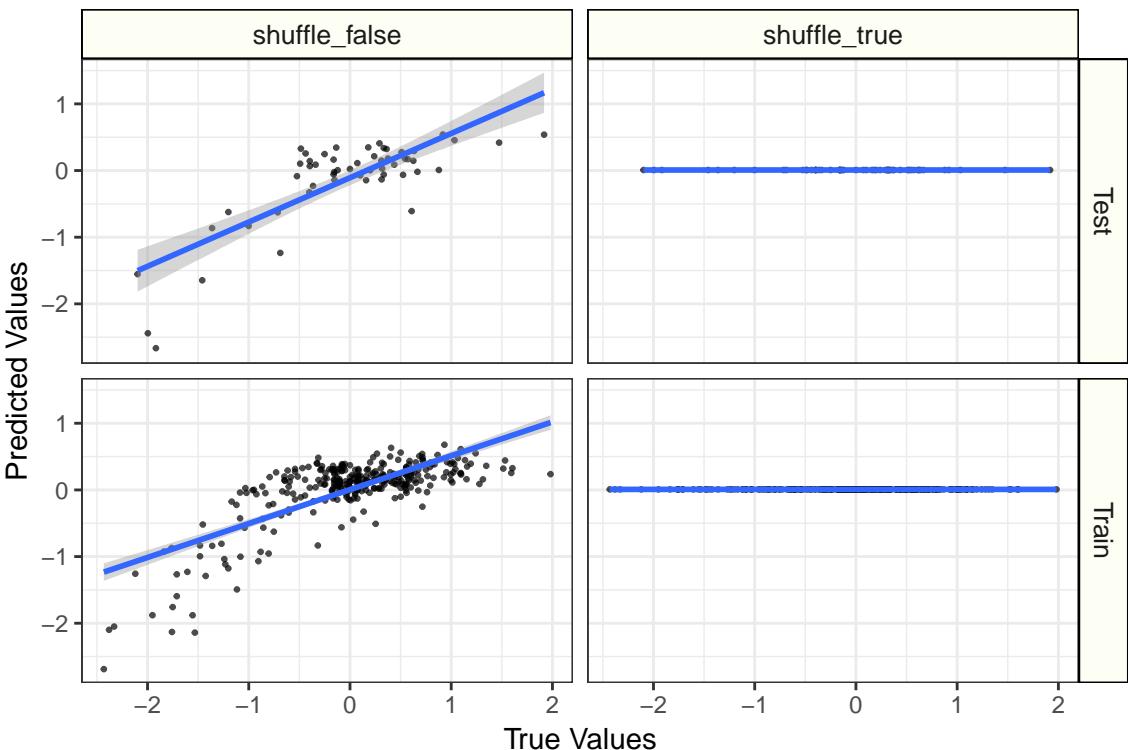


fit	shuffle	transform	r2	mse
Train	Real	zero-one	0.00	0.01
Test	Real	zero-one	-0.51	0.06
Train	Shuffle	zero-one	0.00	0.01
Test	Shuffle	zero-one	-0.51	0.06

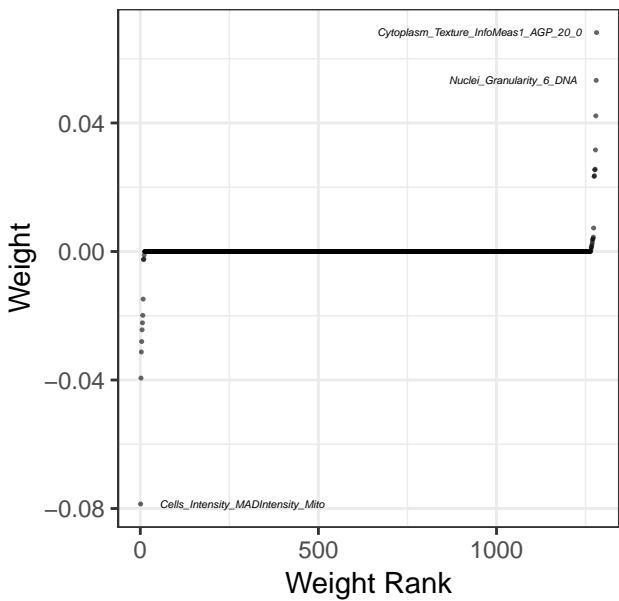


# Performance: cc\_g2\_ph3\_pos\_n\_objects

Transform: raw

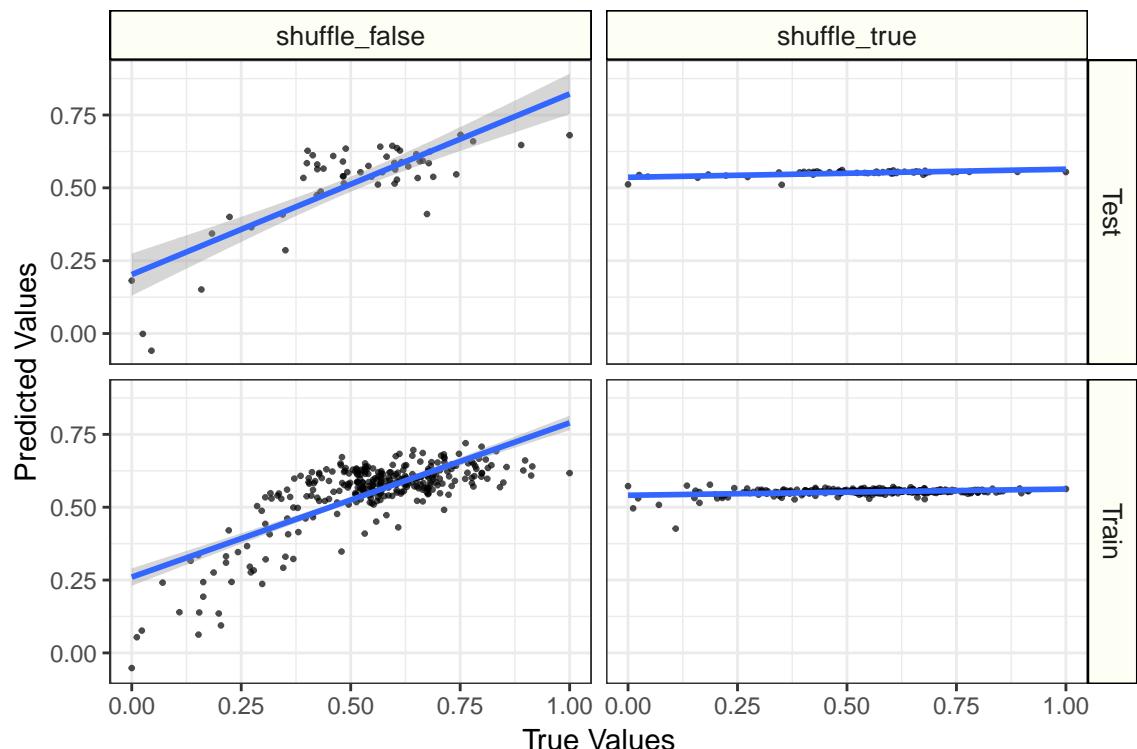


fit	shuffle	transform	r2	mse
Train	Real	raw	0.55	0.25
Test	Real	raw	0.61	0.24
Train	Shuffle	raw	0.00	0.56
Test	Shuffle	raw	0.00	0.63

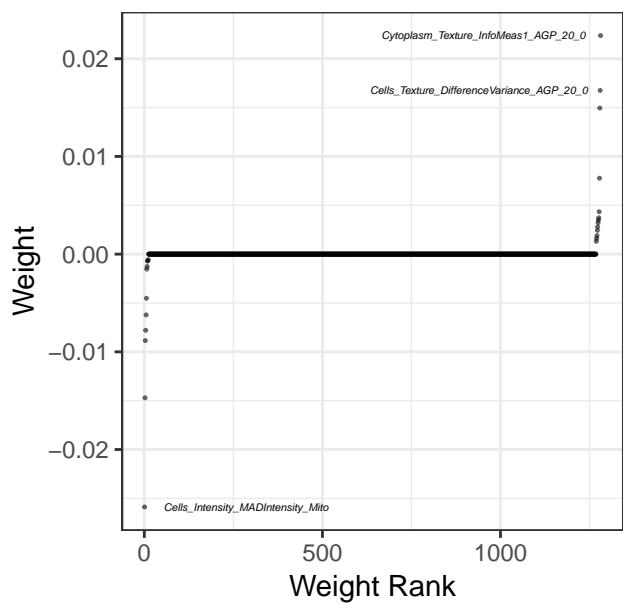


# Performance: cc\_g2\_ph3\_pos\_n\_objects

Transform: zero-one

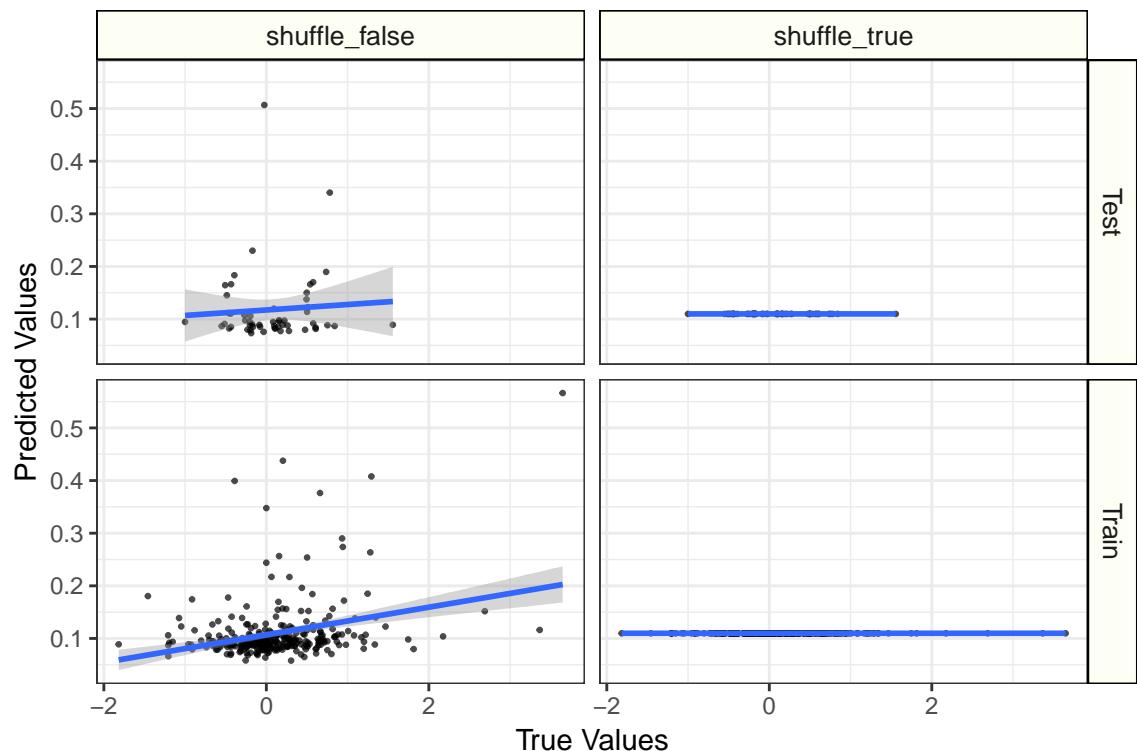


fit	shuffle	transform	r2	mse
Train	Real	zero-one	0.57	0.01
Test	Real	zero-one	0.63	0.01
Train	Shuffle	zero-one	0.04	0.03
Test	Shuffle	zero-one	0.01	0.04

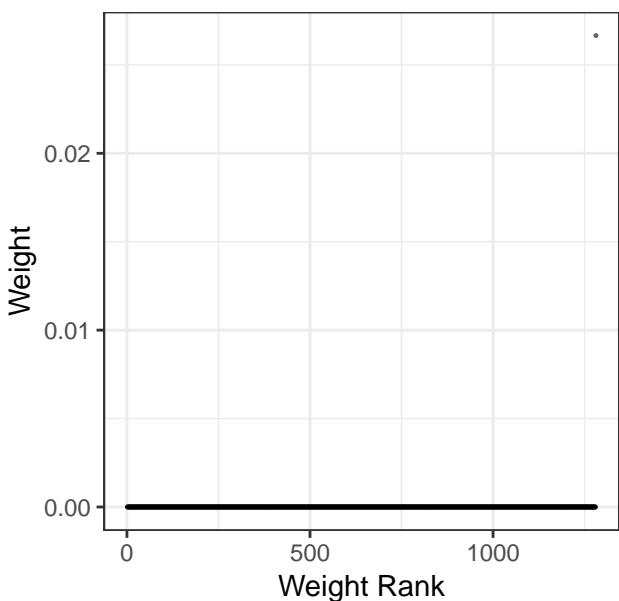


# Performance: cc\_g2\_ph3\_pos\_n\_spots\_mean

Transform: raw

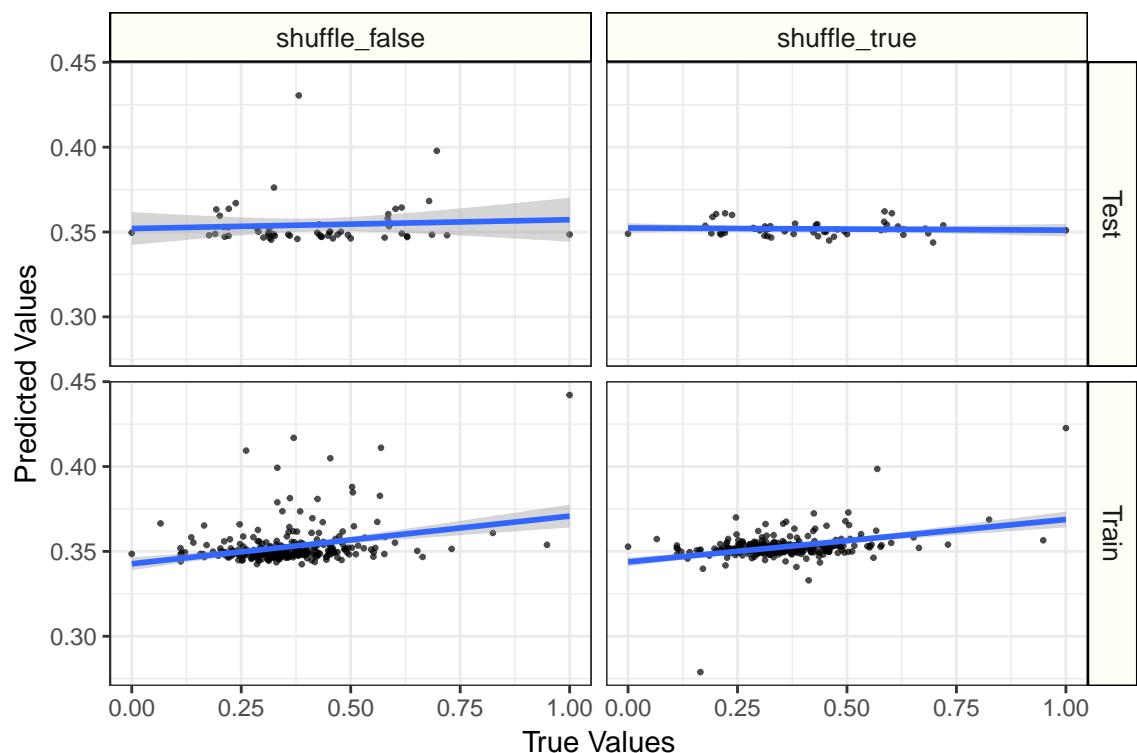


fit	shuffle	transform	r2	mse
Train	Real	raw	0.04	0.39
Test	Real	raw	-0.01	0.22
Train	Shuffle	raw	0.00	0.41
Test	Shuffle	raw	-0.01	0.22

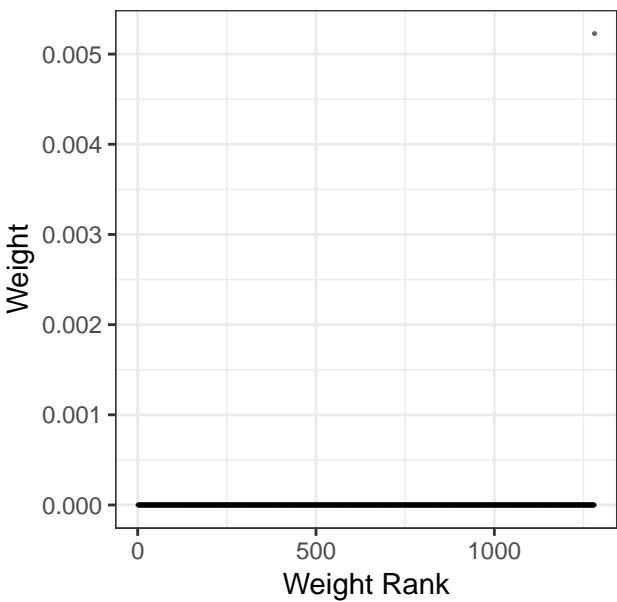


# Performance: cc\_g2\_ph3\_pos\_n\_spots\_mean

Transform: zero-one

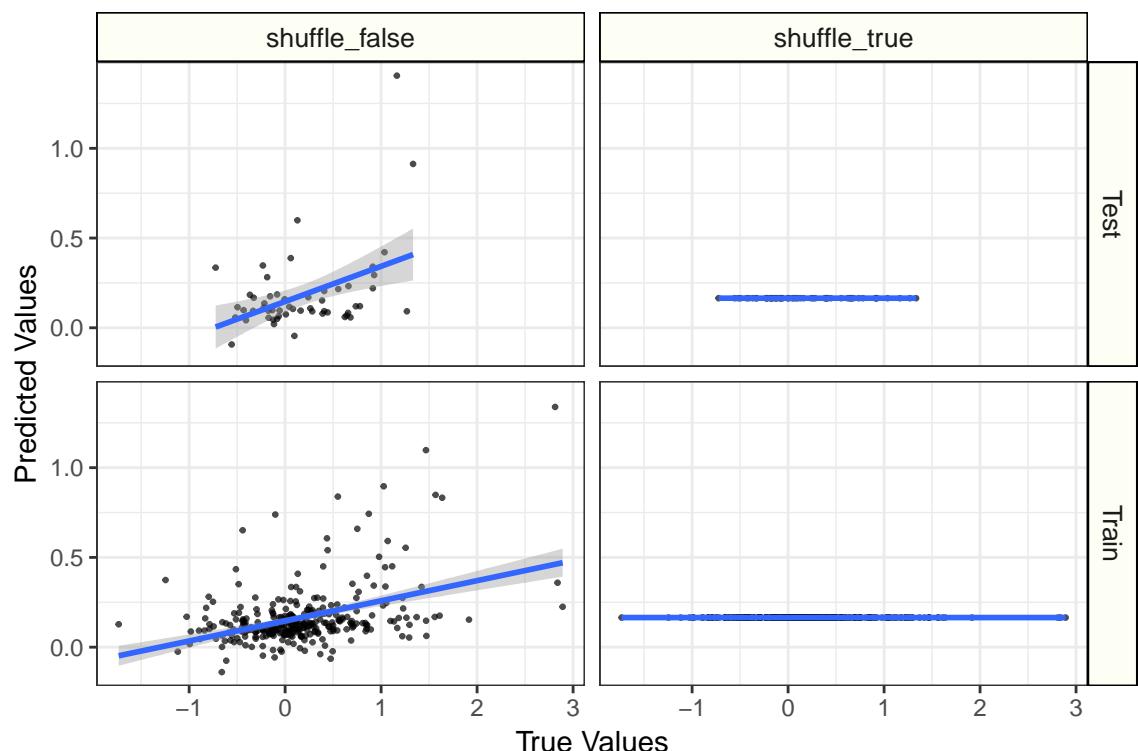


fit	shuffle	transform	r2	mse
Train	Real	zero-one	0.05	0.01
Test	Real	zero-one	-0.13	0.04
Train	Shuffle	zero-one	0.05	0.01
Test	Shuffle	zero-one	-0.15	0.04

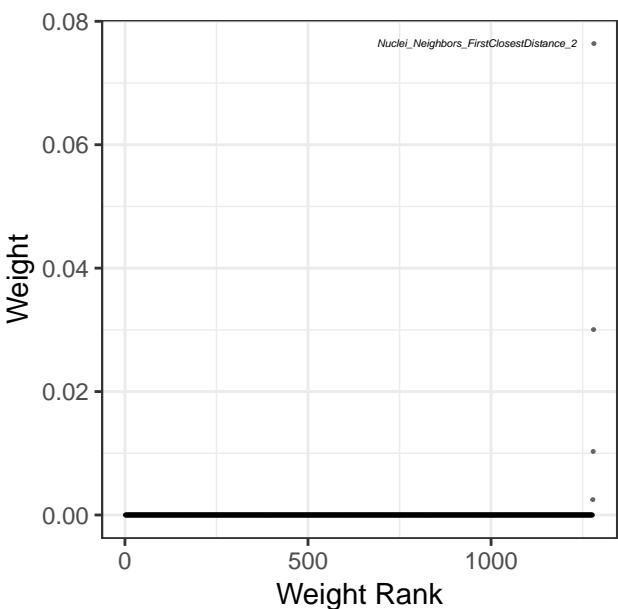


# Performance: cc\_g2\_ph3\_pos\_n\_spots\_per\_nucleus\_area\_mean

Transform: raw

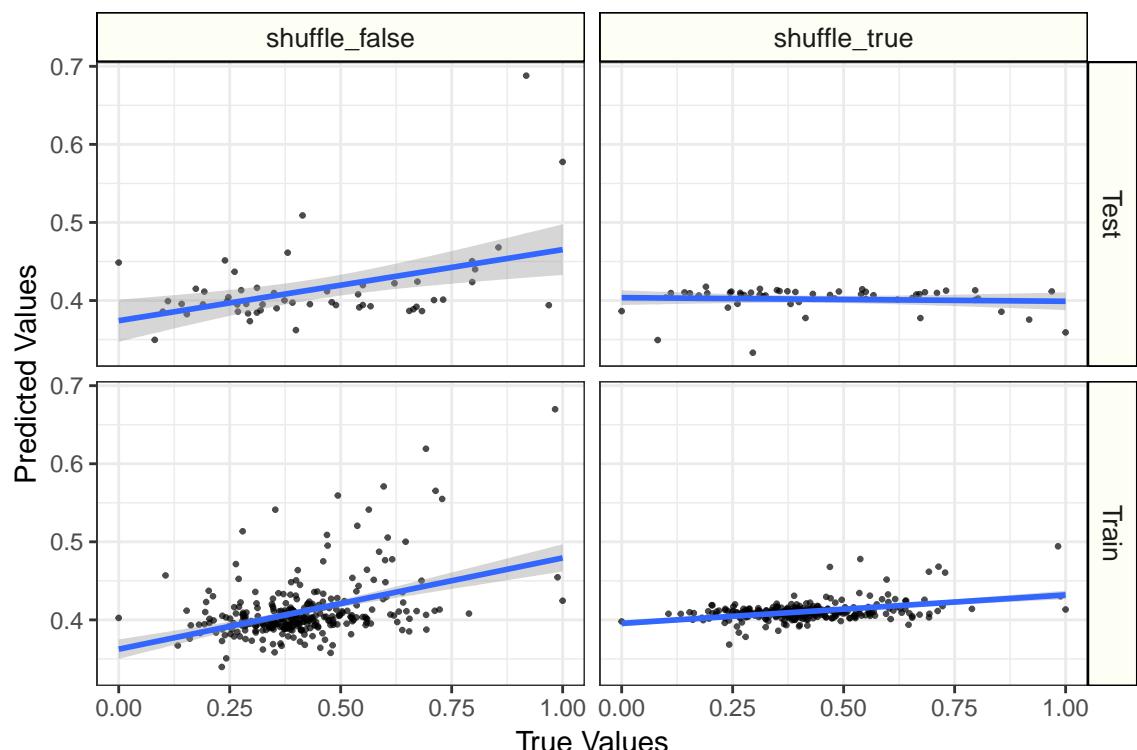


fit	shuffle	transform	r2	mse
Train	Real	raw	0.15	0.34
Test	Real	raw	0.18	0.21
Train	Shuffle	raw	0.00	0.40
Test	Shuffle	raw	0.00	0.25

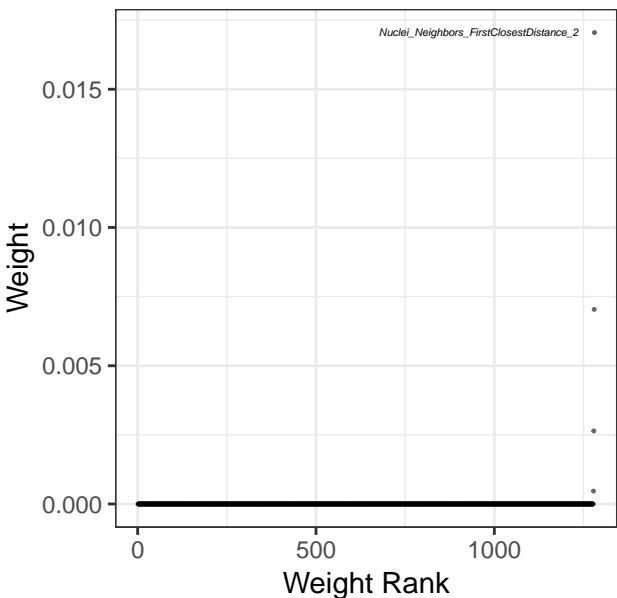


# Performance: cc\_g2\_ph3\_pos\_n\_spots\_per\_nucleus\_area\_mean

Transform: zero-one

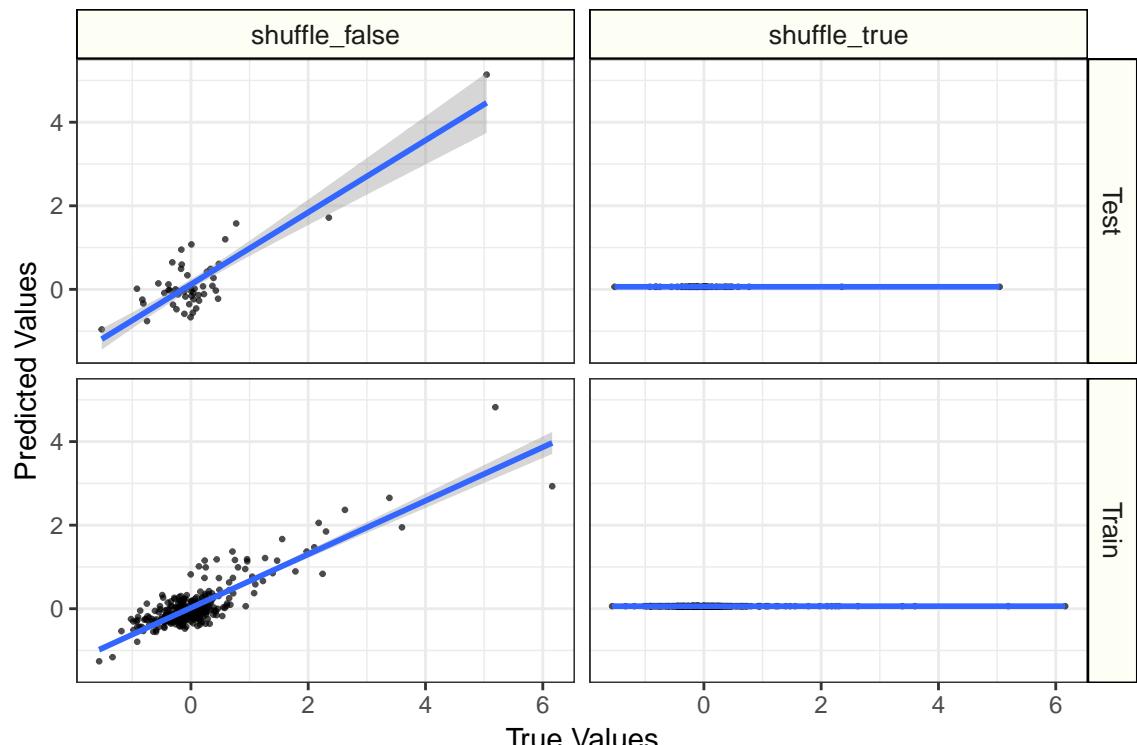


fit	shuffle	transform	r2	mse
Train	Real	zero-one	0.16	0.02
Test	Real	zero-one	0.12	0.05
Train	Shuffle	zero-one	0.07	0.02
Test	Shuffle	zero-one	-0.04	0.06

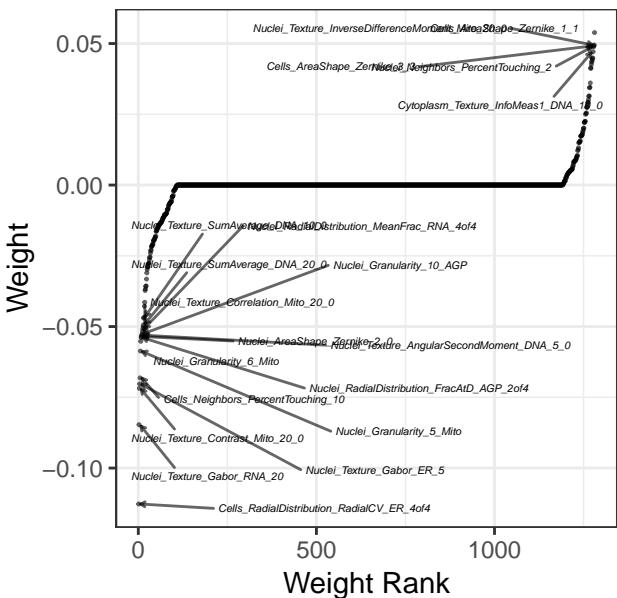


# Performance: cc\_g2\_plus\_all\_m

Transform: raw

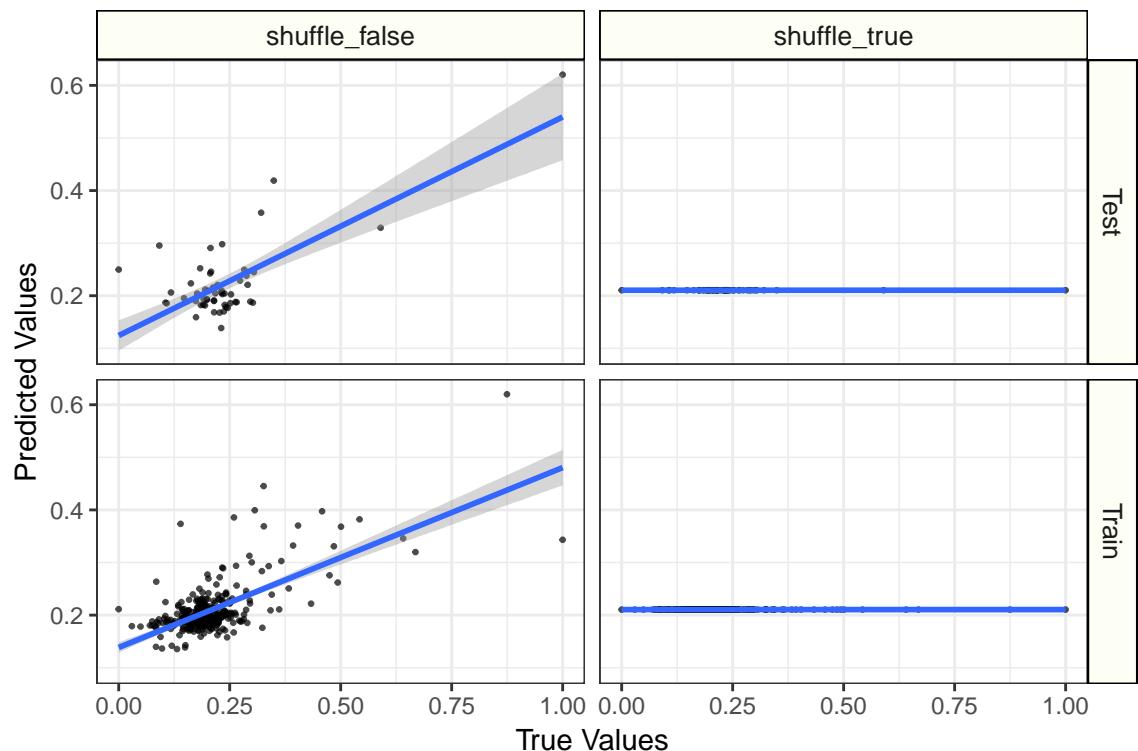


fit	shuffle	transform	r2	mse
Train	Real	raw	0.73	0.16
Test	Real	raw	0.70	0.22
Train	Shuffle	raw	0.00	0.60
Test	Shuffle	raw	0.00	0.74

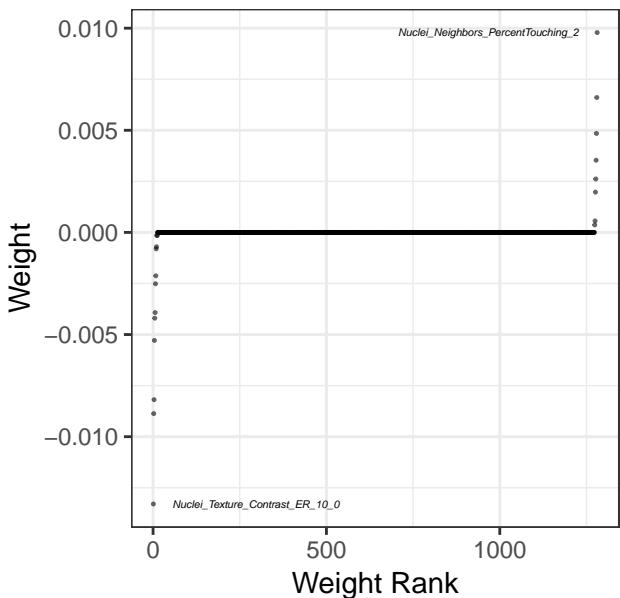


# Performance: cc\_g2\_plus\_all\_m

Transform: zero-one

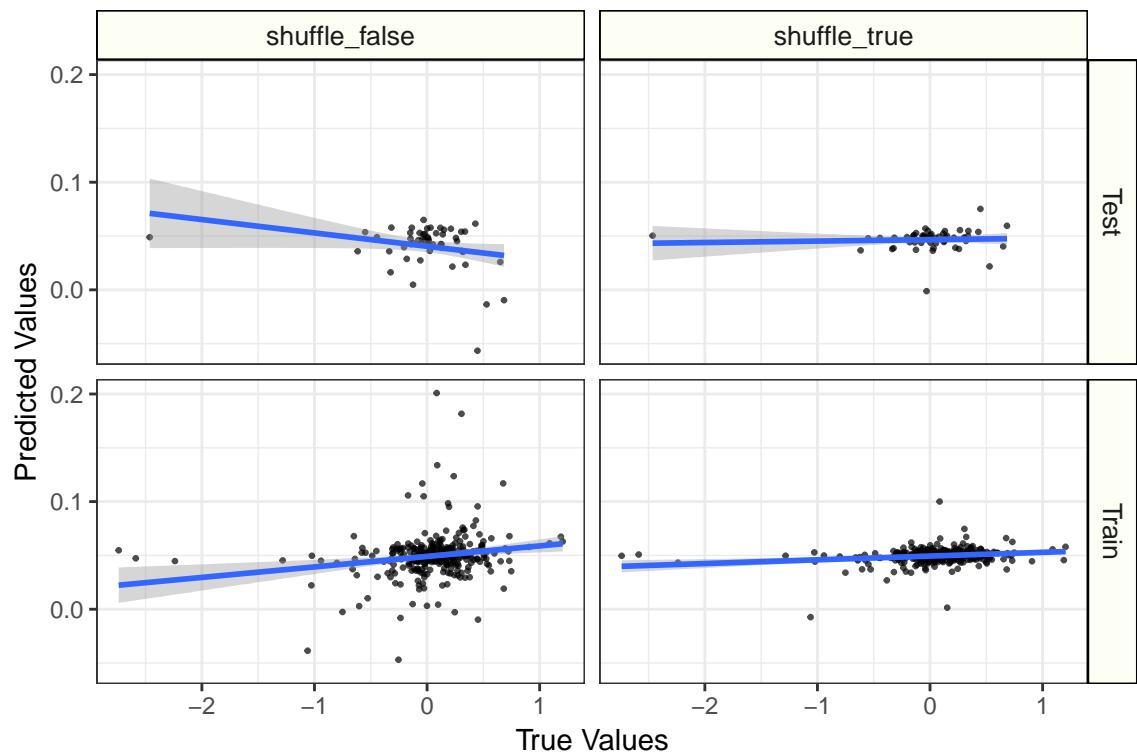


fit	shuffle	transform	r2	mse
Train	Real	zero-one	0.43	0.01
Test	Real	zero-one	0.50	0.01
Train	Shuffle	zero-one	0.00	0.01
Test	Shuffle	zero-one	-0.04	0.02

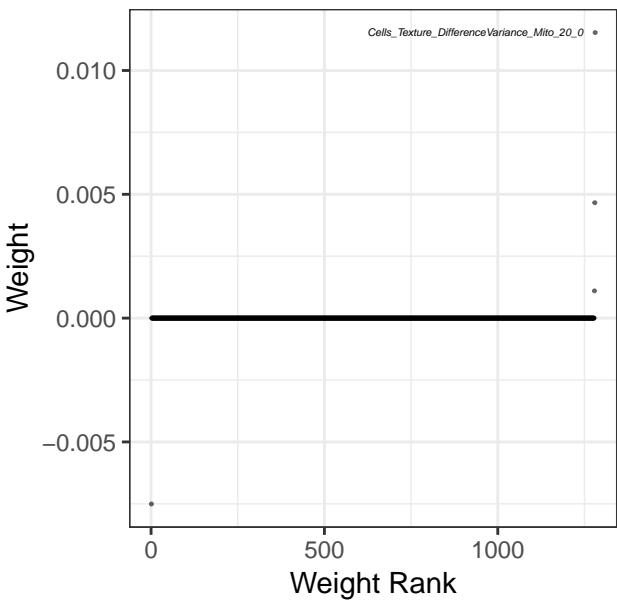


# Performance: cc\_infection\_percentage

Transform: raw

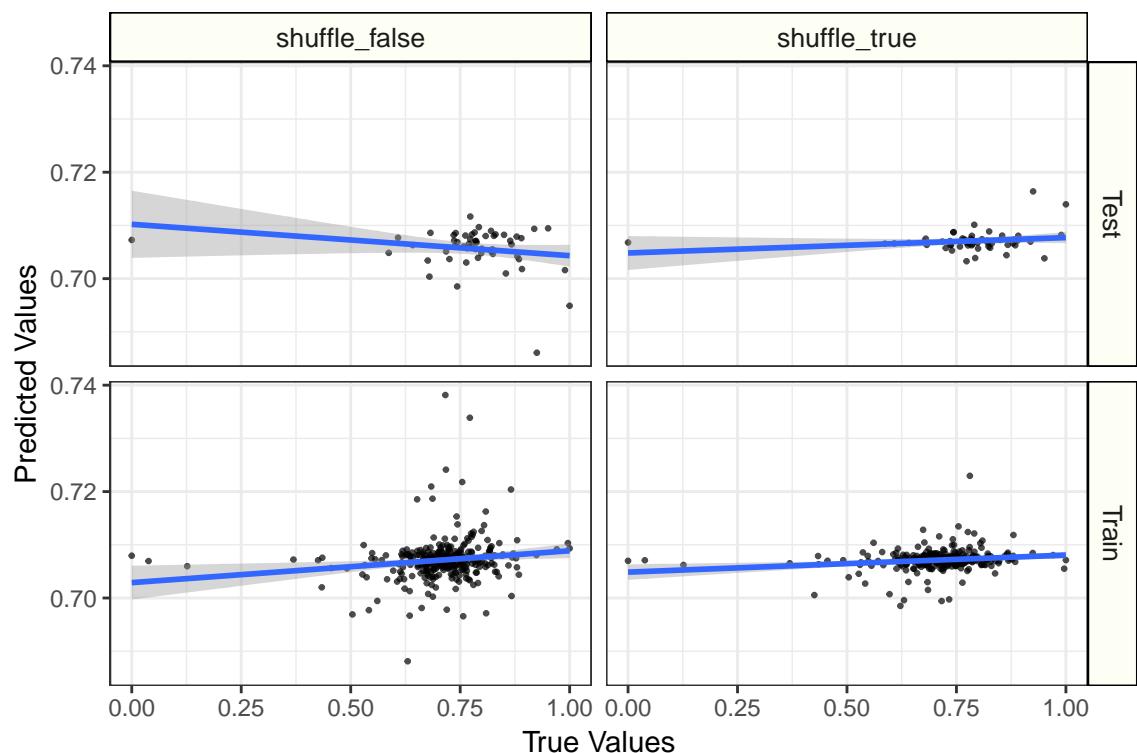


fit	shuffle	transform	r2	mse
Train	Real	raw	0.02	0.17
Test	Real	raw	-0.04	0.19
Train	Shuffle	raw	0.01	0.18
Test	Shuffle	raw	-0.01	0.19

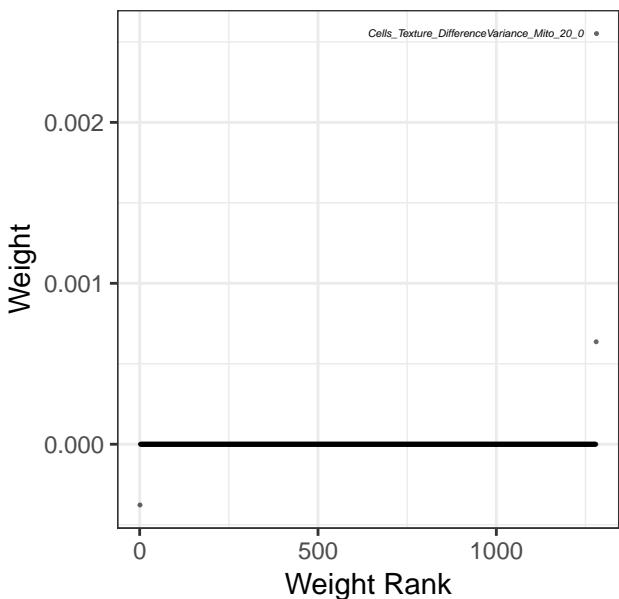


# Performance: cc\_infection\_percentage

Transform: zero-one

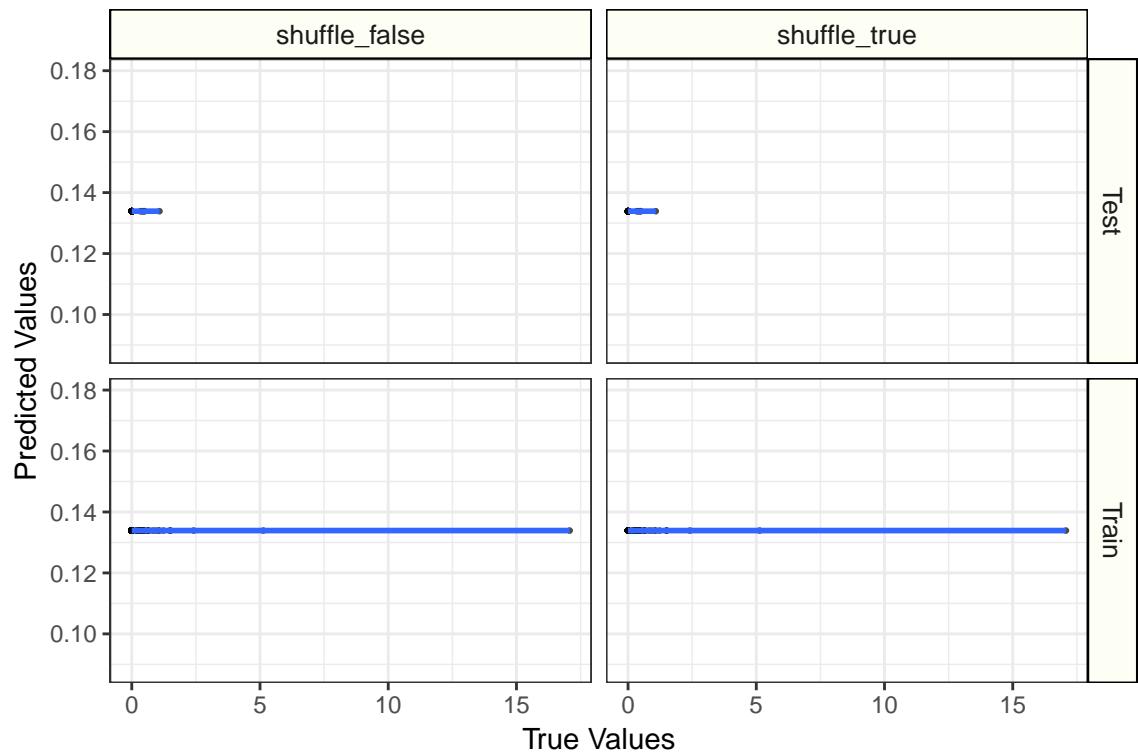


fit	shuffle	transform	r2	mse
Train	Real	zero-one	0.01	0.01
Test	Real	zero-one	-0.32	0.02
Train	Shuffle	zero-one	0.01	0.01
Test	Shuffle	zero-one	-0.29	0.02

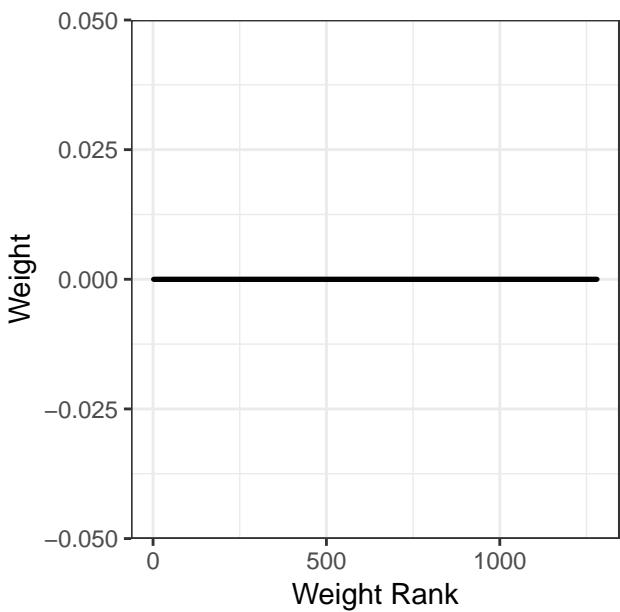


# Performance: cc\_mitosis\_ph3\_neg\_high\_n\_spots\_h2ax\_mean

Transform: raw

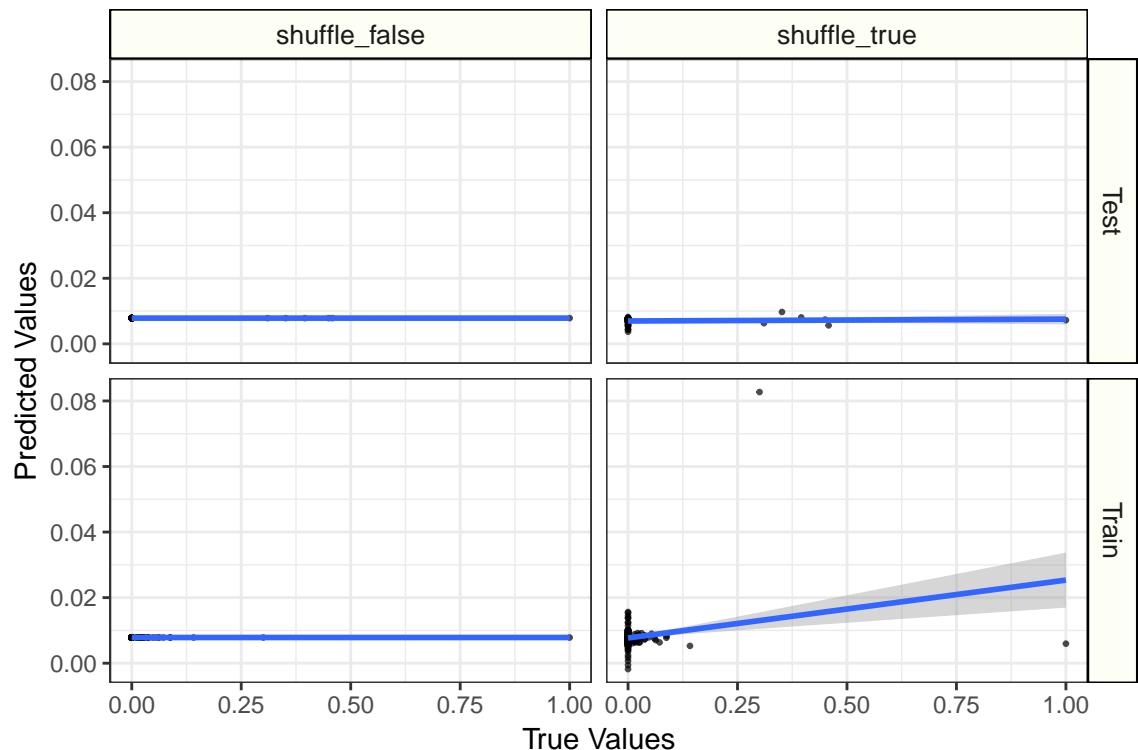


fit	shuffle	transform	r2	mse
Train	Real	raw	0.00	1.11
Test	Real	raw	-0.14	0.04
Train	Shuffle	raw	0.00	1.11
Test	Shuffle	raw	-0.14	0.04

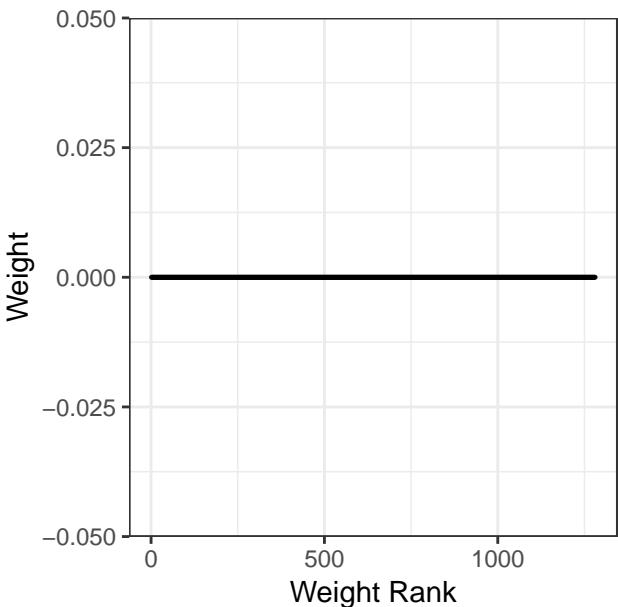


# Performance: cc\_mitosis\_ph3\_neg\_high\_n\_spots\_h2ax\_mean

Transform: zero-one

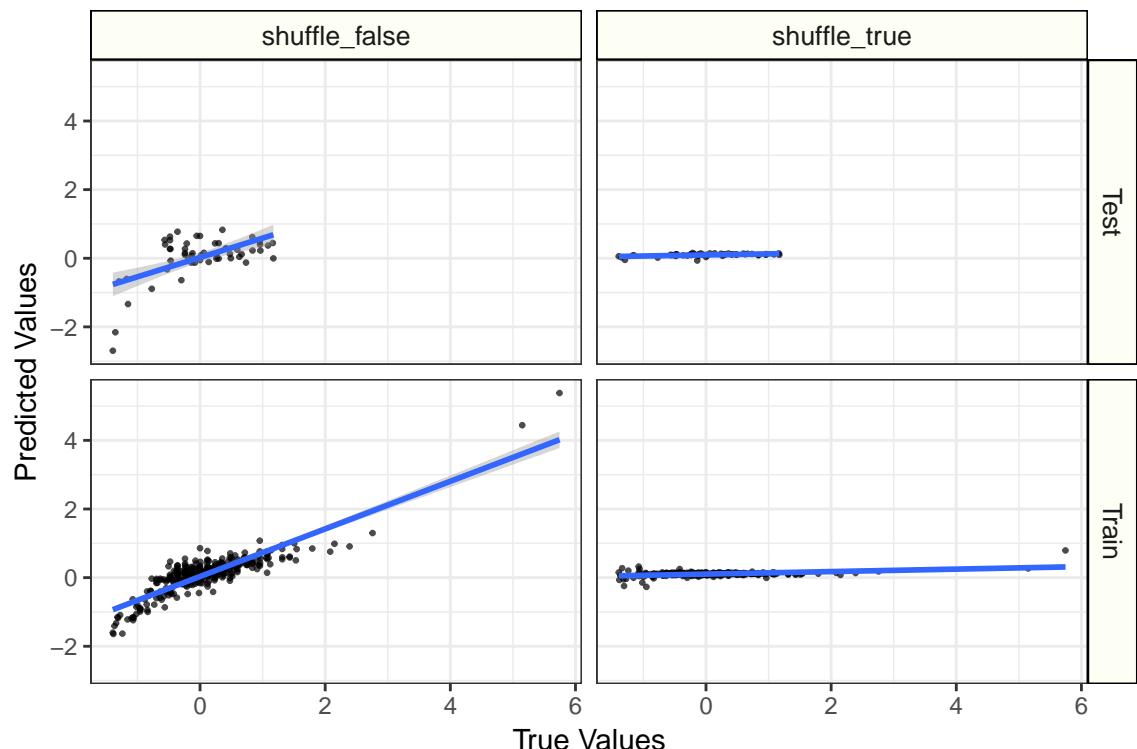


fit	shuffle	transform	r2	mse
Train	Real	zero-one	0.00	0.00
Test	Real	zero-one	-0.08	0.03
Train	Shuffle	zero-one	0.03	0.00
Test	Shuffle	zero-one	-0.08	0.03

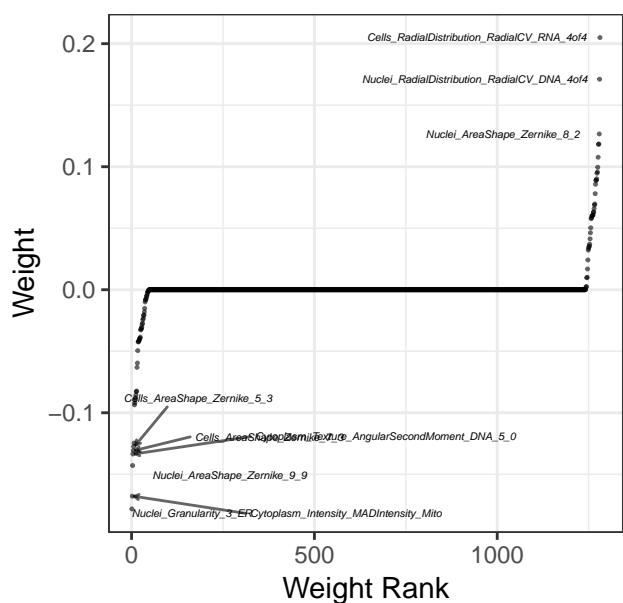


# Performance: cc\_mitosis\_ph3\_neg\_n\_objects

Transform: raw

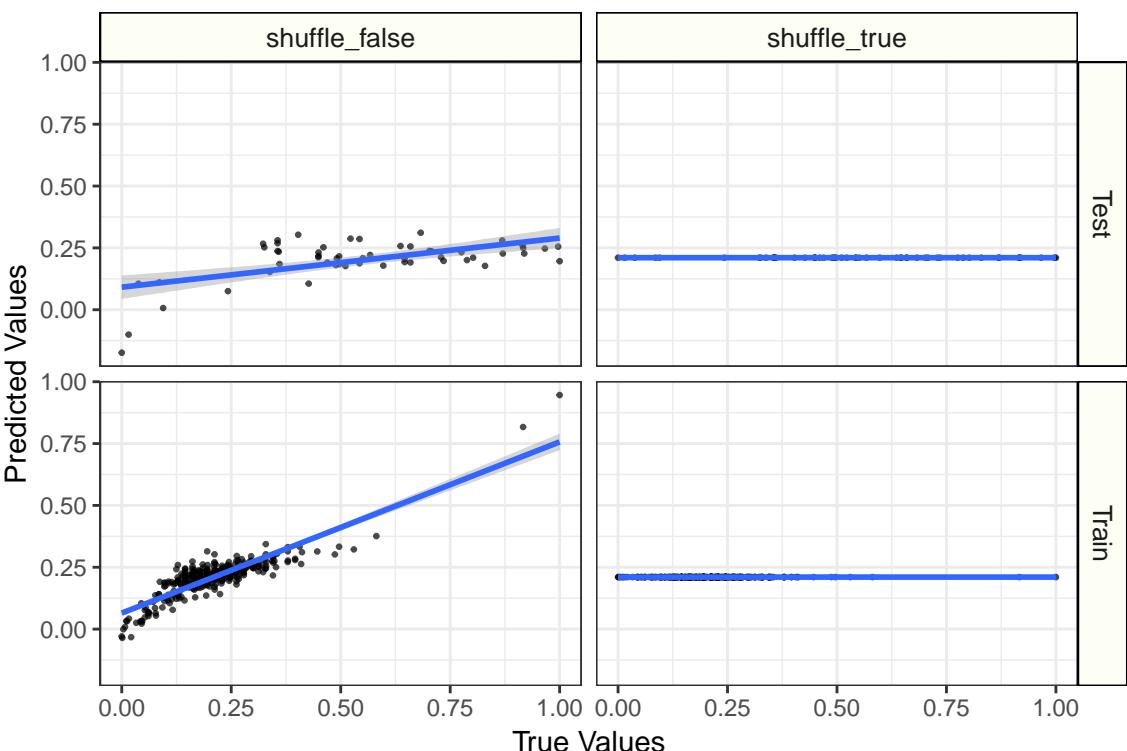


fit	shuffle	transform	r2	mse
Train	Real	raw	0.77	0.15
Test	Real	raw	0.17	0.34
Train	Shuffle	raw	0.07	0.59
Test	Shuffle	raw	0.04	0.40

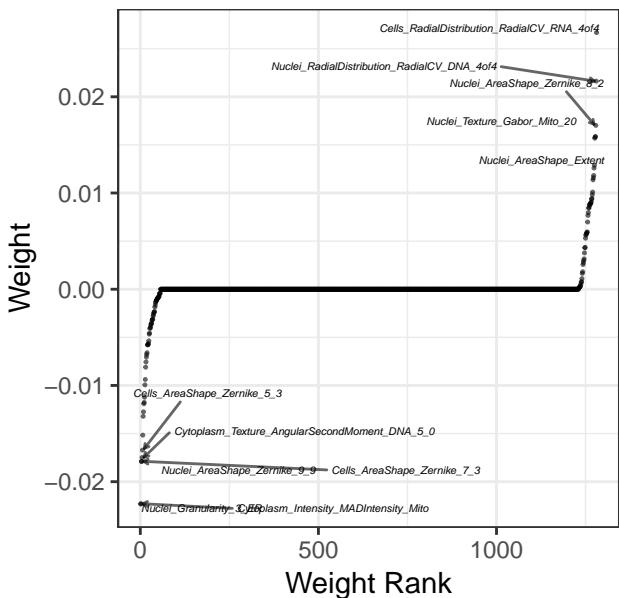


# Performance: cc\_mitosis\_ph3\_neg\_n\_objects

Transform: zero-one

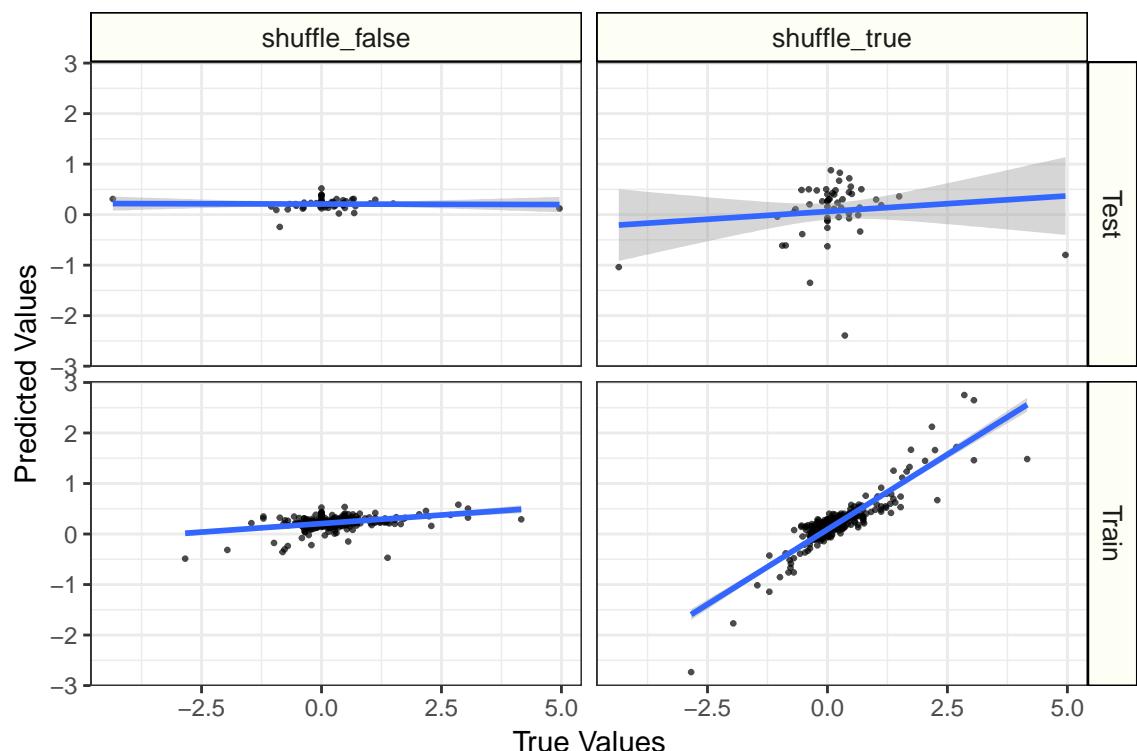


fit	shuffle	transform	r2	mse
Train	Real	zero-one	0.77	0.00
Test	Real	zero-one	-1.64	0.17
Train	Shuffle	zero-one	0.00	0.01
Test	Shuffle	zero-one	-1.81	0.18

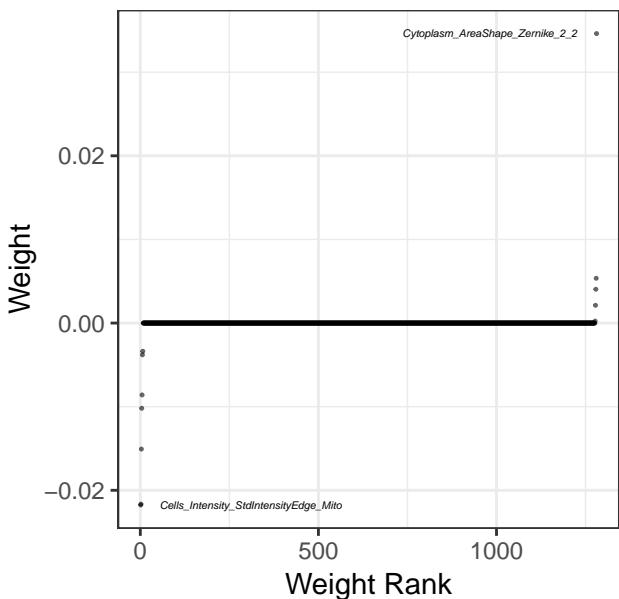


# Performance: cc\_mitosis\_ph3\_neg\_n\_spots\_mean

## Transform: raw

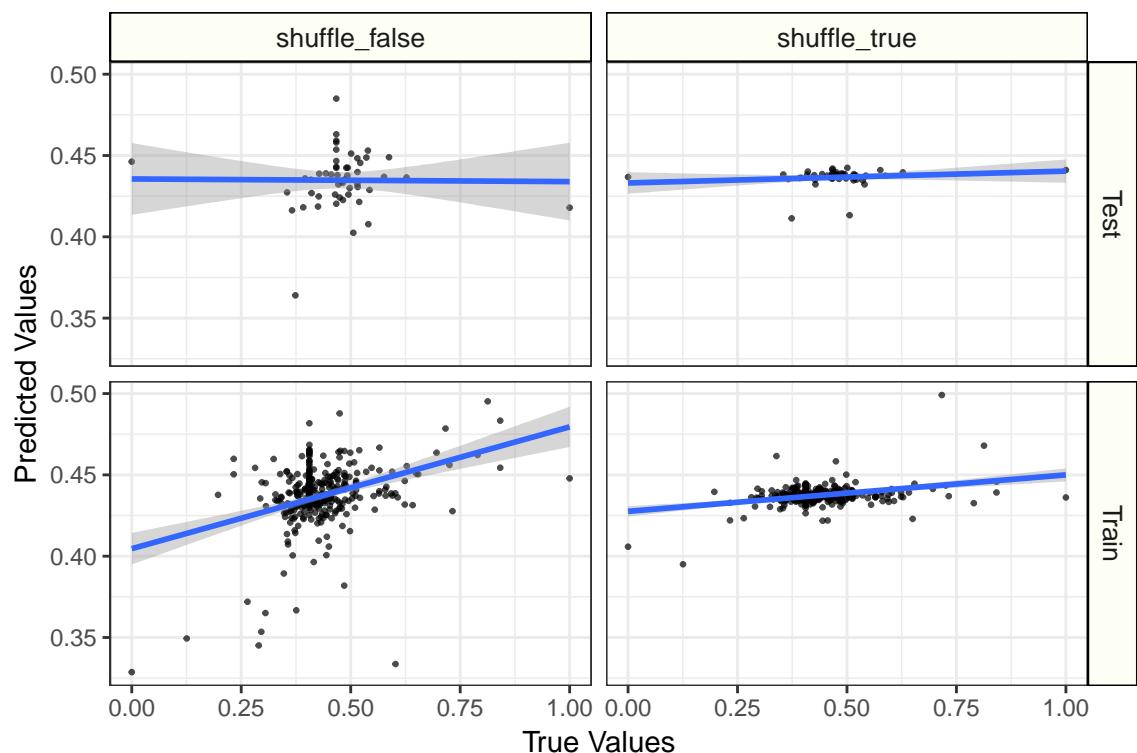


fit	shuffle	transform	r2	mse
Train	Real	raw	0.10	0.44
Test	Real	raw	-0.02	1.12
Train	Shuffle	raw	0.74	0.13
Test	Shuffle	raw	-0.17	1.29

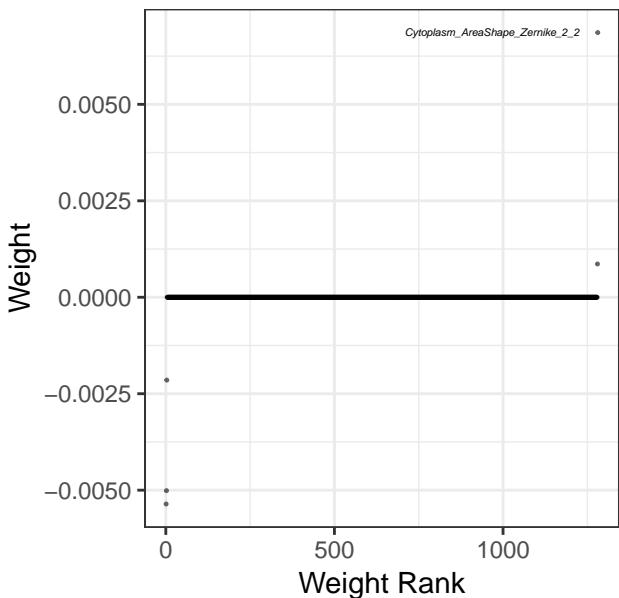


# Performance: cc\_mitosis\_ph3\_neg\_n\_spots\_mean

## Transform: zero-one

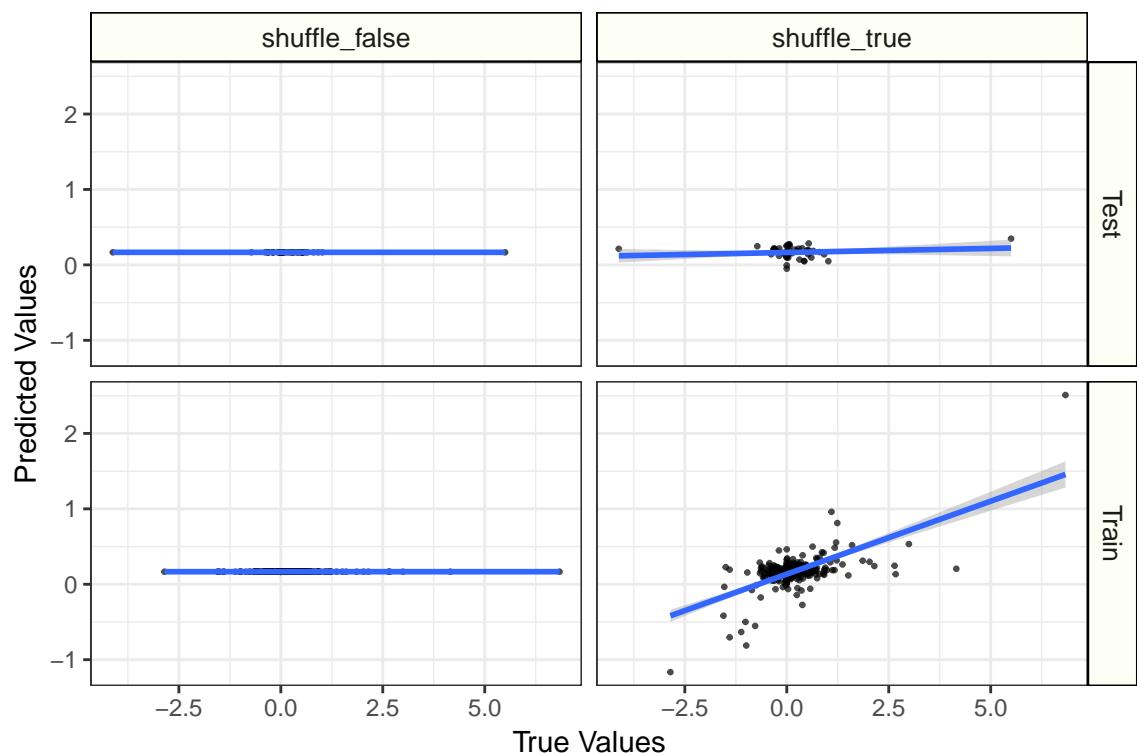


fit	shuffle	transform	r2	mse
Train	Real	zero-one	0.11	0.01
Test	Real	zero-one	-0.18	0.01
Train	Shuffle	zero-one	0.04	0.01
Test	Shuffle	zero-one	-0.13	0.01

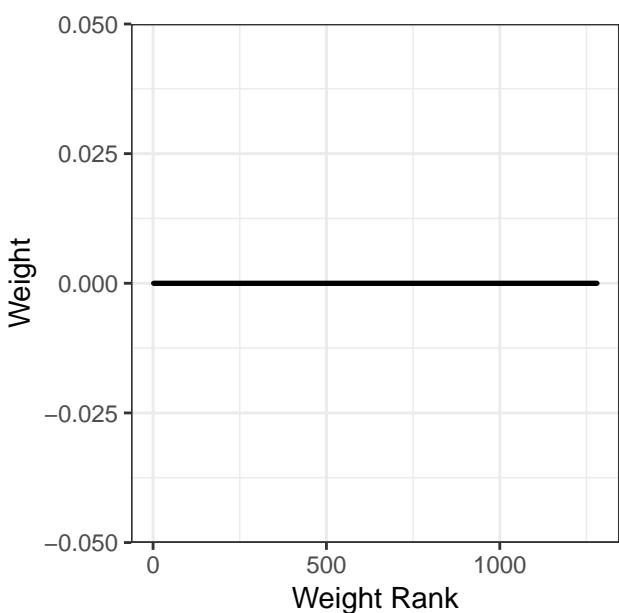


# Performance: cc\_mitosis\_ph3\_neg\_n\_spots\_per\_nucleus\_area

## Transform: raw

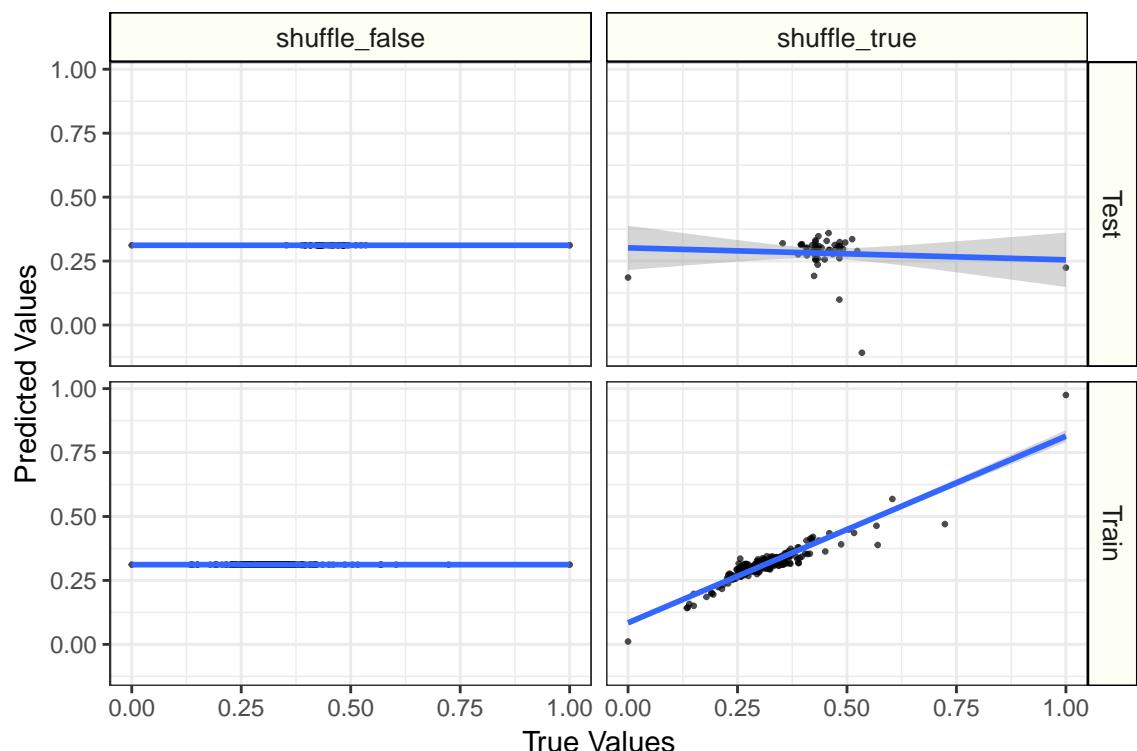


fit	shuffle	transform	r2	mse
Train	Real	raw	0.00	0.56
Test	Real	raw	0.00	1.03
Train	Shuffle	raw	0.30	0.40
Test	Shuffle	raw	0.02	1.02

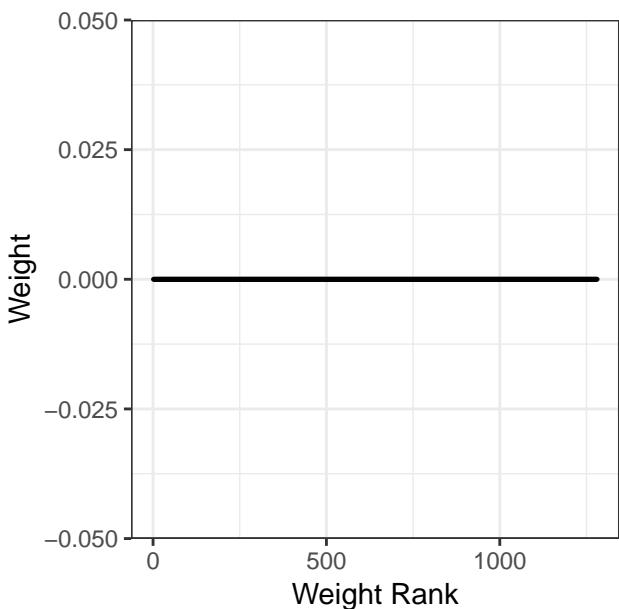


# Performance: cc\_mitosis\_ph3\_neg\_n\_spots\_per\_nucleus\_area

Transform: zero-one

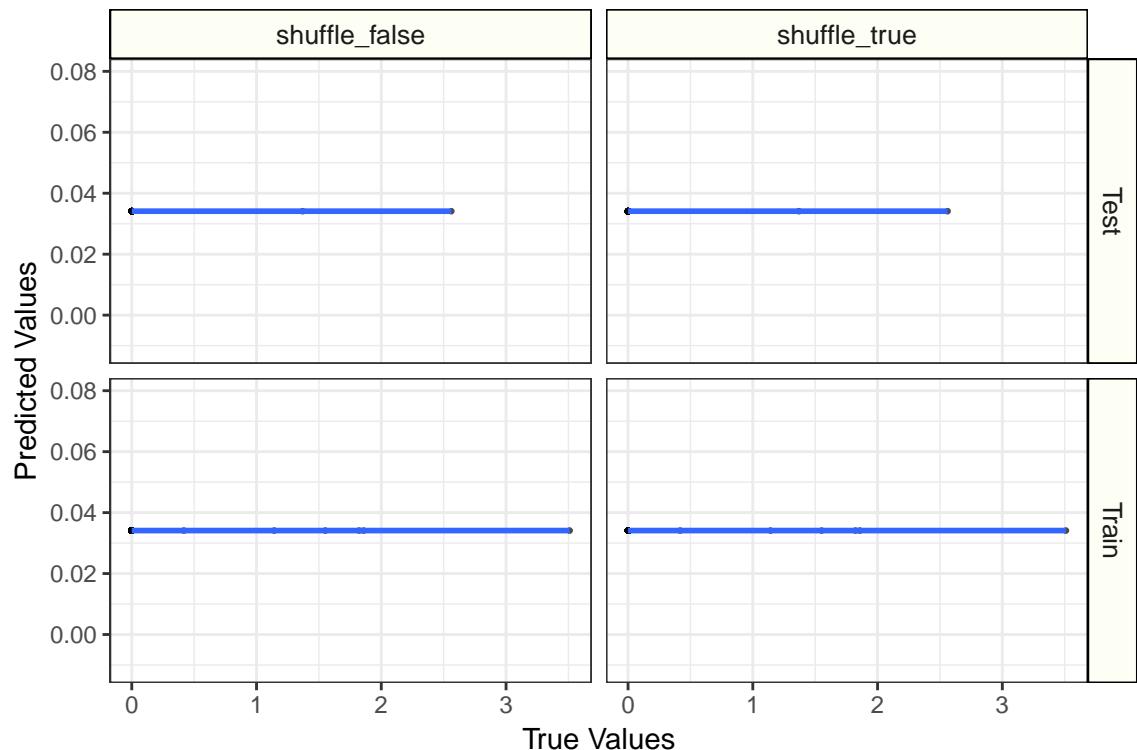


fit	shuffle	transform	r2	mse
Train	Real	zero-one	0.00	0.01
Test	Real	zero-one	-1.64	0.03
Train	Shuffle	zero-one	0.84	0.00
Test	Shuffle	zero-one	-3.01	0.04

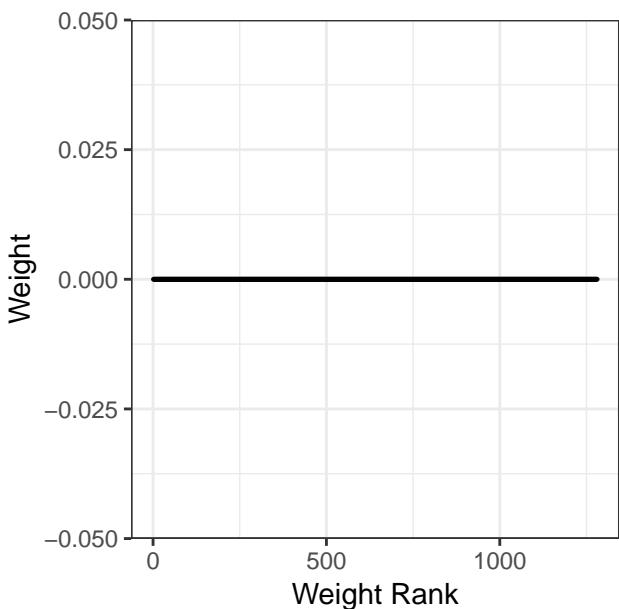


# Performance: cc\_mitosis\_ph3\_pos\_high\_n\_spots\_h2ax\_mean

Transform: raw

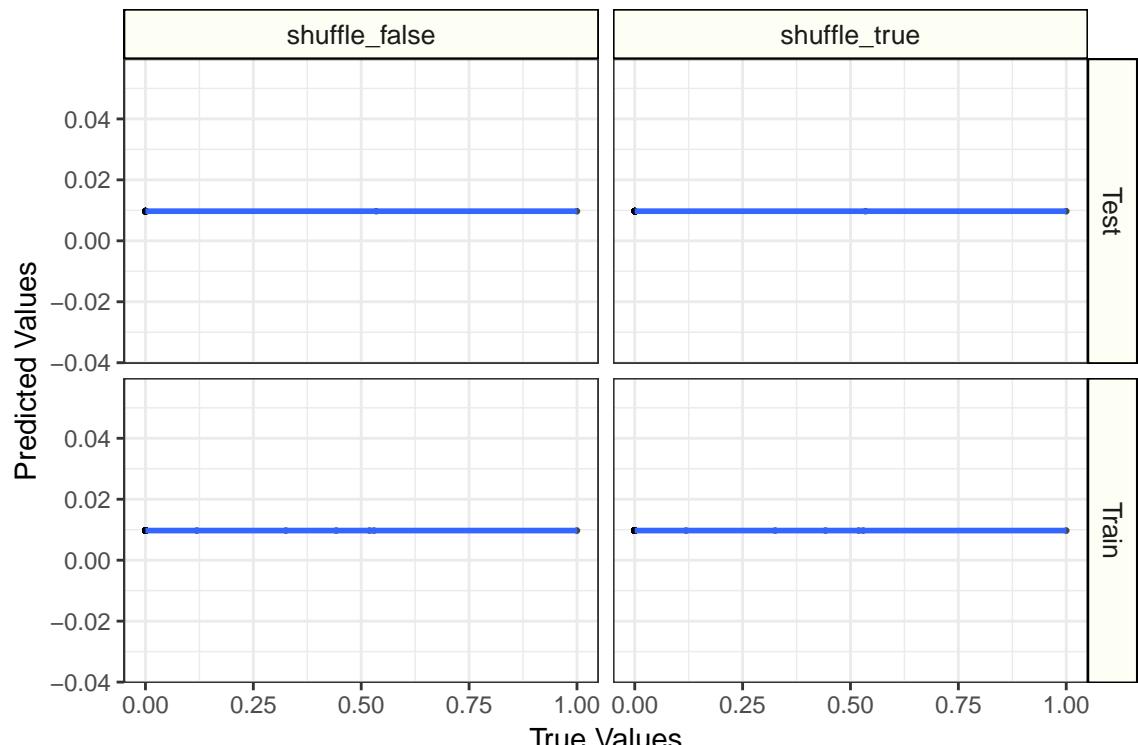


fit	shuffle	transform	r2	mse
Train	Real	raw	0.00	0.07
Test	Real	raw	-0.01	0.15
Train	Shuffle	raw	0.00	0.07
Test	Shuffle	raw	-0.01	0.15

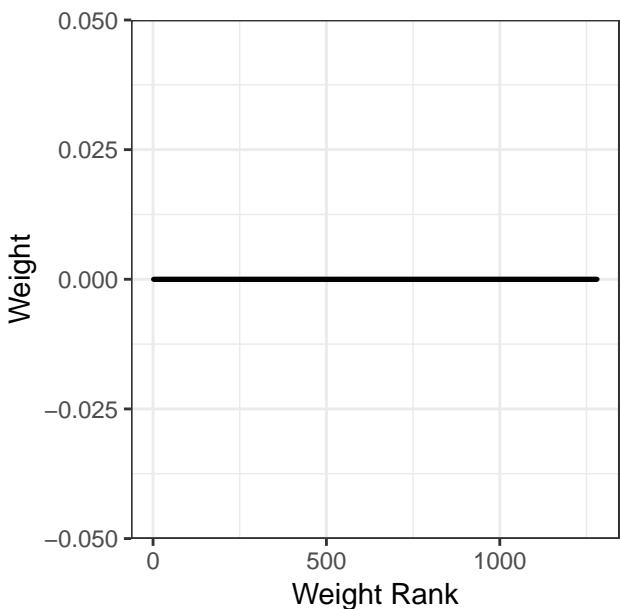


# Performance: cc\_mitosis\_ph3\_pos\_high\_n\_spots\_h2ax\_mean

Transform: zero-one

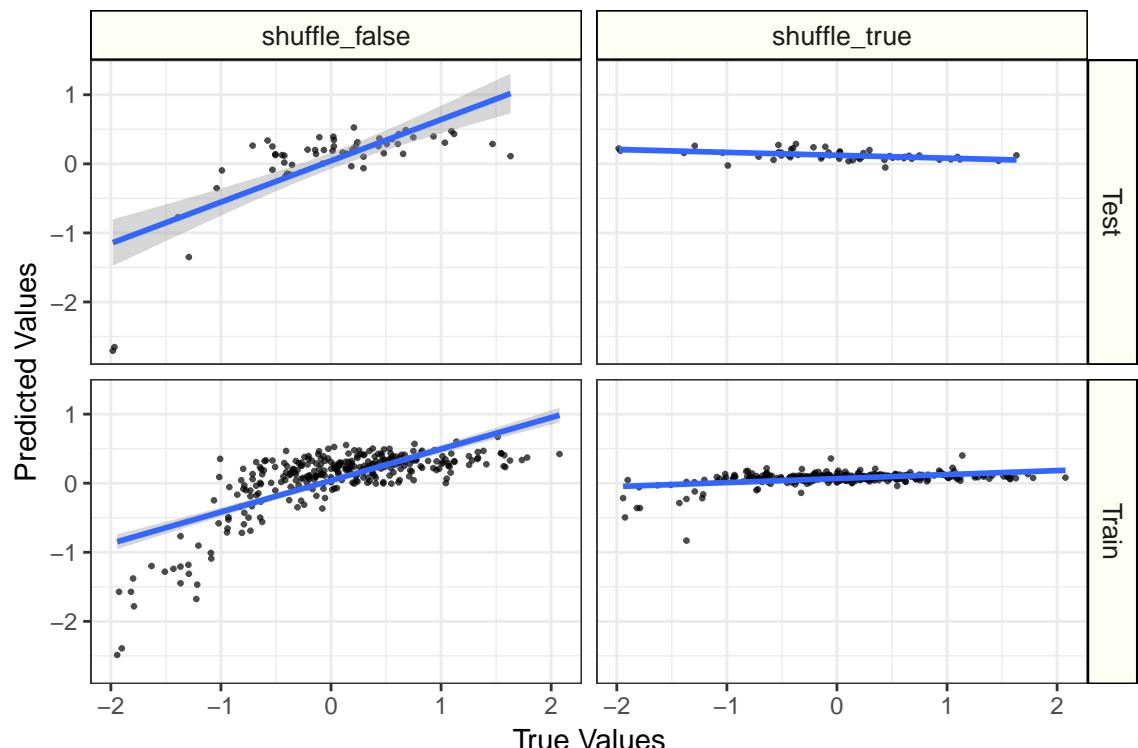


fit	shuffle	transform	r2	mse
Train	Real	zero-one	0.00	0.01
Test	Real	zero-one	-0.02	0.02
Train	Shuffle	zero-one	0.00	0.01
Test	Shuffle	zero-one	-0.02	0.02

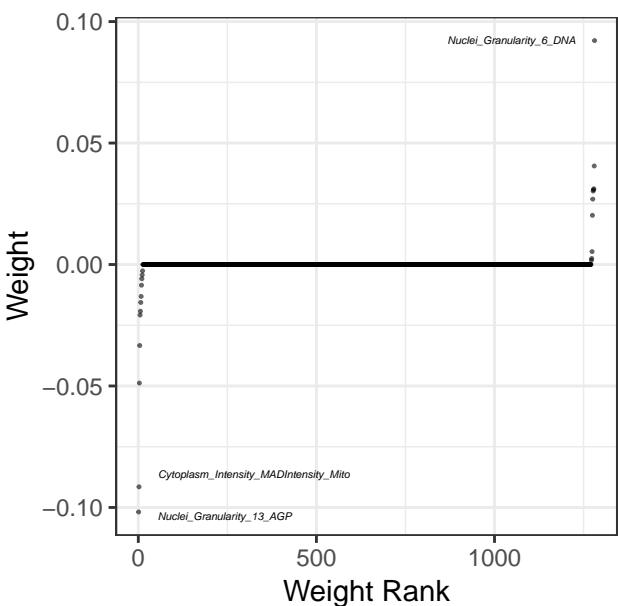


# Performance: cc\_mitosis\_ph3\_pos\_n\_objects

Transform: raw

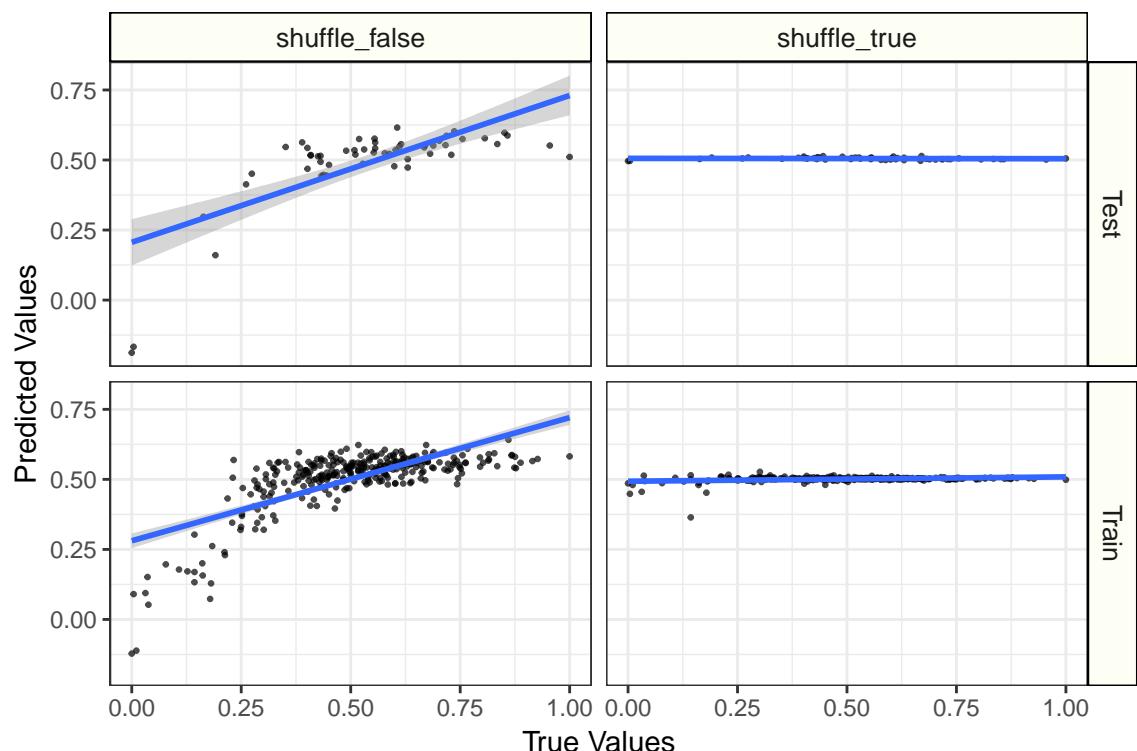


fit	shuffle	transform	r2	mse
Train	Real	raw	0.51	0.26
Test	Real	raw	0.50	0.27
Train	Shuffle	raw	0.10	0.48
Test	Shuffle	raw	-0.13	0.62

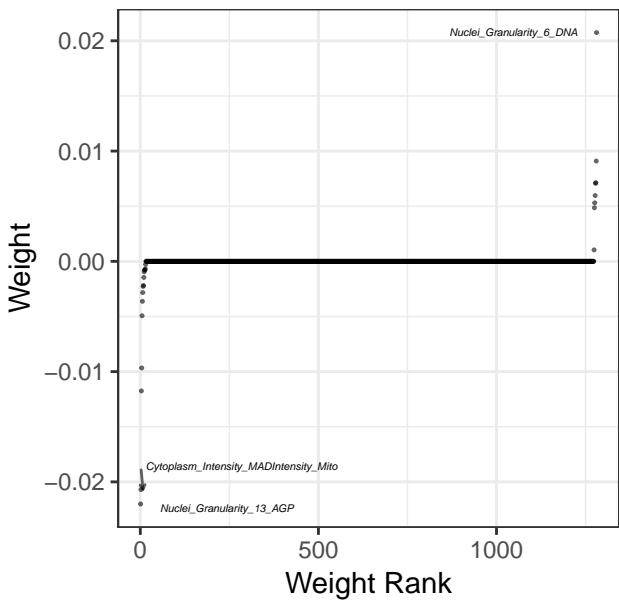


# Performance: cc\_mitosis\_ph3\_pos\_n\_objects

Transform: zero-one

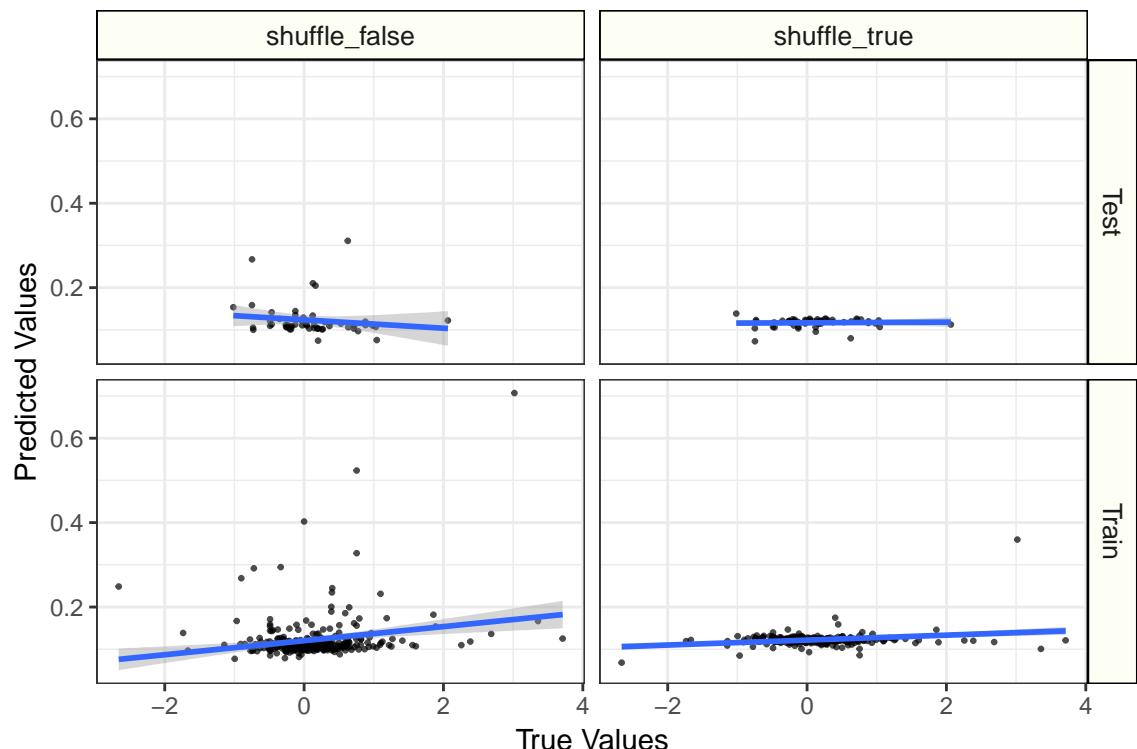


fit	shuffle	transform	r2	mse
Train	Real	zero-one	0.50	0.02
Test	Real	zero-one	0.45	0.02
Train	Shuffle	zero-one	0.03	0.03
Test	Shuffle	zero-one	-0.04	0.04

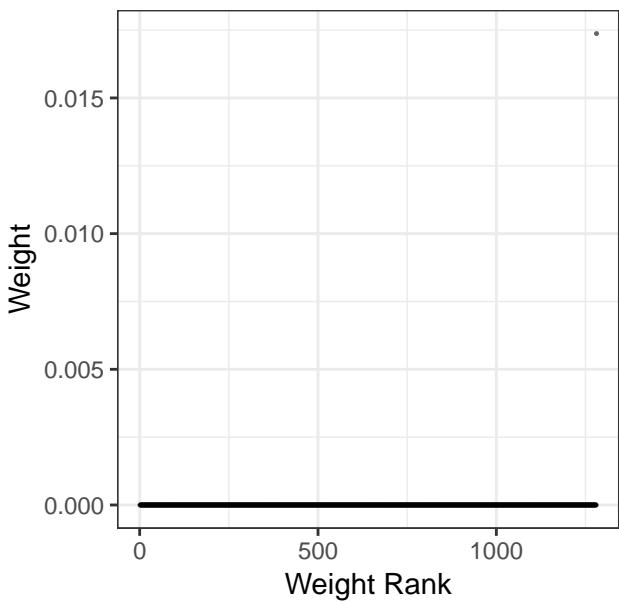


# Performance: cc\_mitosis\_ph3\_pos\_n\_spots\_mean

Transform: raw

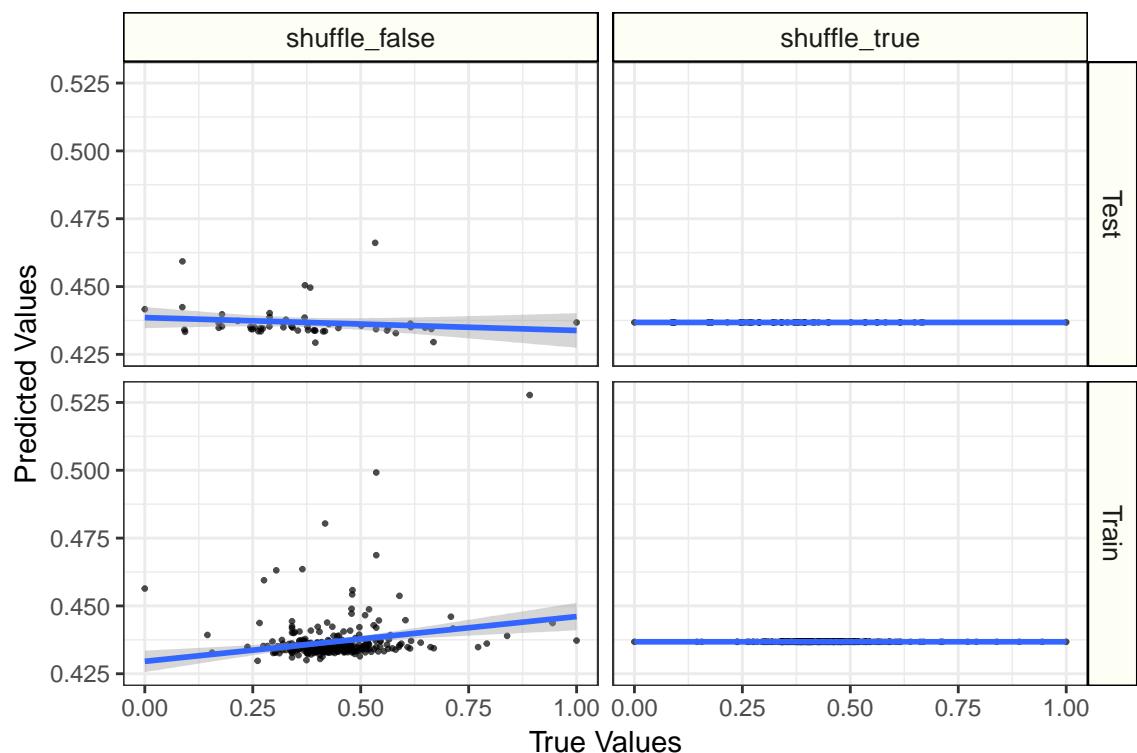


fit	shuffle	transform	r2	mse
Train	Real	raw	0.03	0.45
Test	Real	raw	-0.03	0.31
Train	Shuffle	raw	0.01	0.45
Test	Shuffle	raw	0.00	0.31

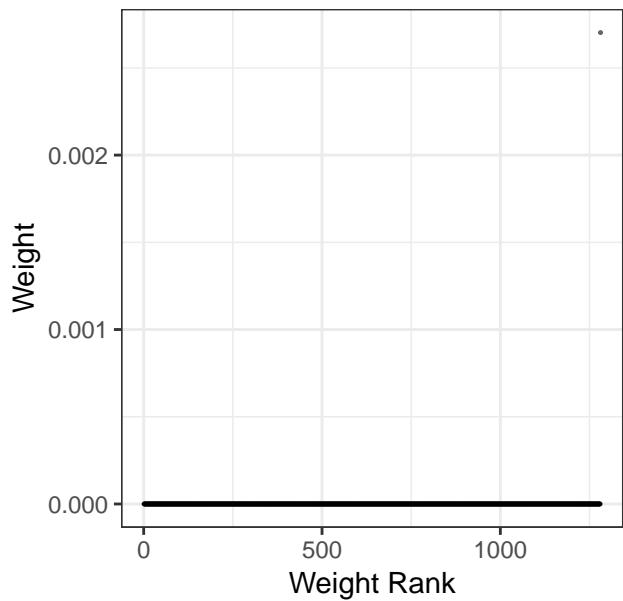


# Performance: cc\_mitosis\_ph3\_pos\_n\_spots\_mean

## Transform: zero-one

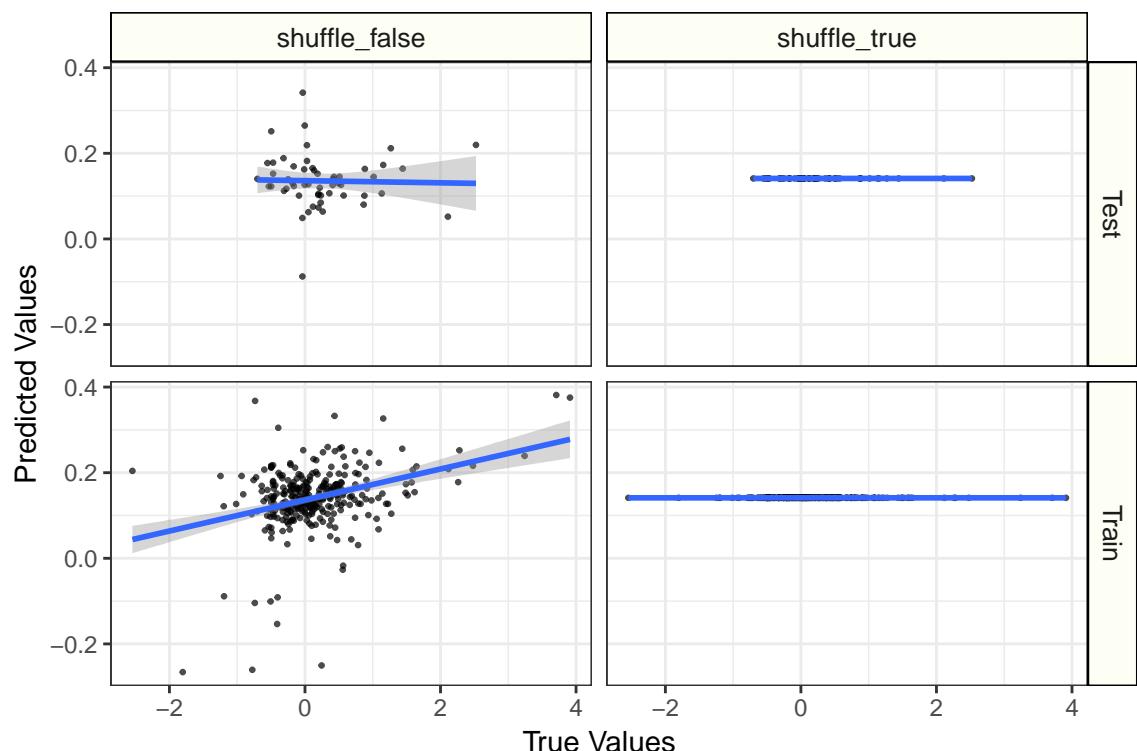


fit	shuffle	transform	r2	mse
Train	Real	zero-one	0.03	0.01
Test	Real	zero-one	-0.18	0.04
Train	Shuffle	zero-one	0.00	0.01
Test	Shuffle	zero-one	-0.16	0.04

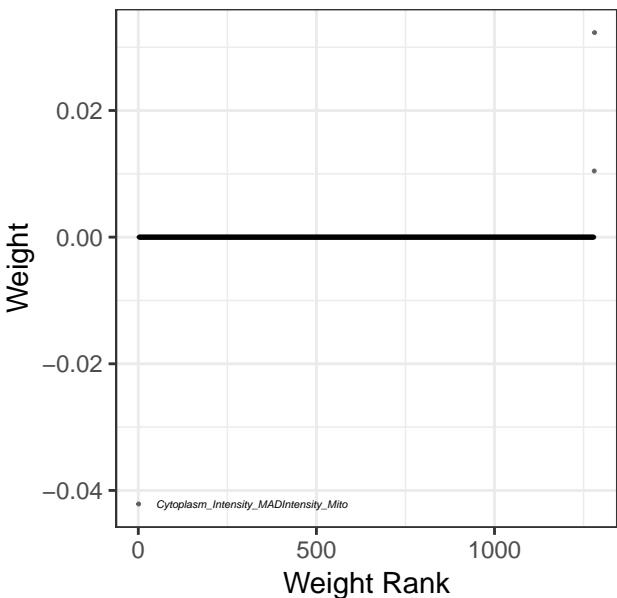


# Performance: cc\_mitosis\_ph3\_pos\_n\_spots\_per\_nucleus\_area

Transform: raw

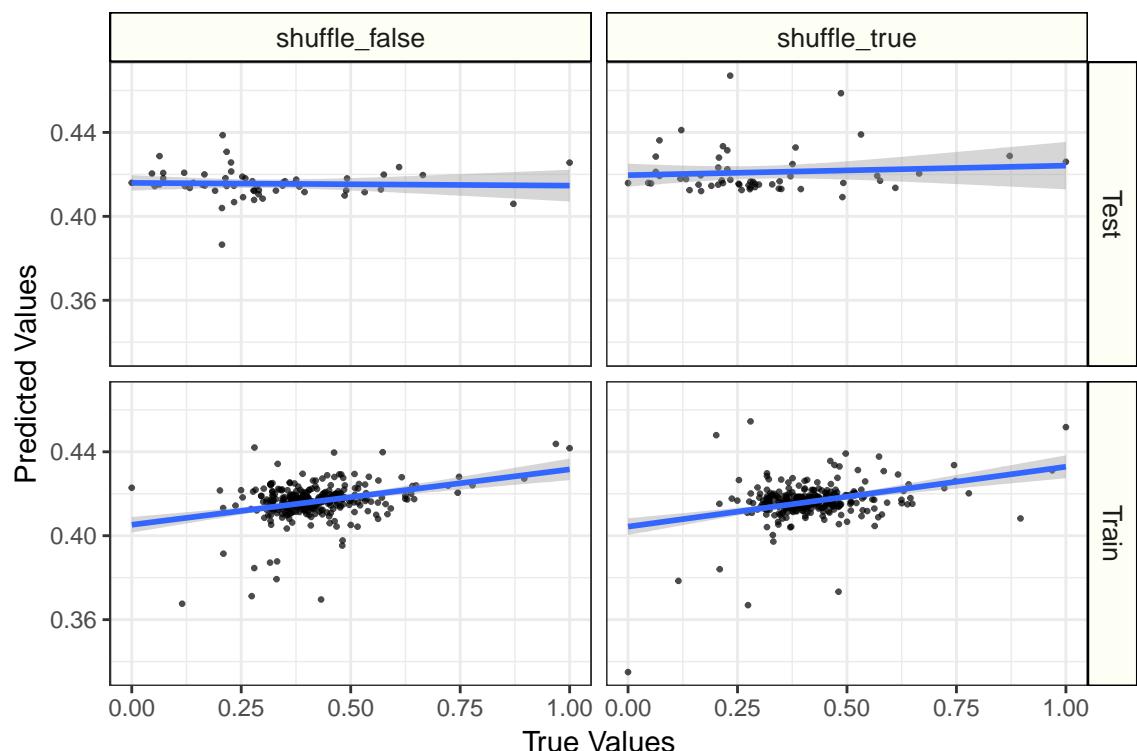


fit	shuffle	transform	r2	mse
Train	Real	raw	0.06	0.46
Test	Real	raw	-0.05	0.42
Train	Shuffle	raw	0.00	0.49
Test	Shuffle	raw	-0.03	0.41

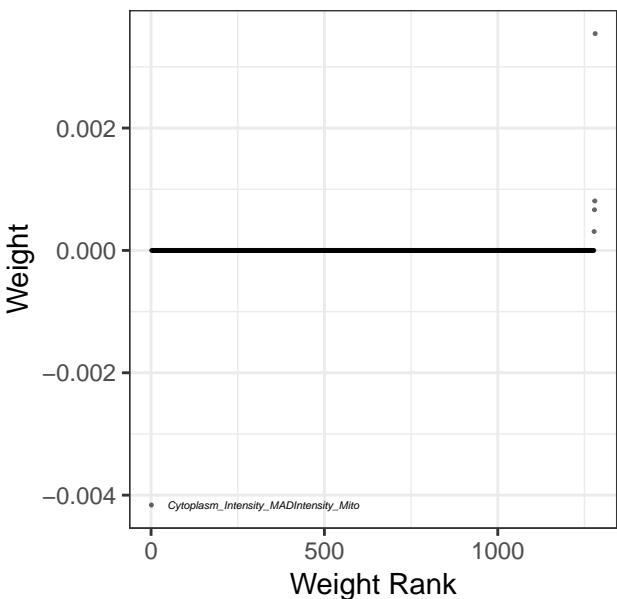


# Performance: cc\_mitosis\_ph3\_pos\_n\_spots\_per\_nucleus\_area

Transform: zero-one

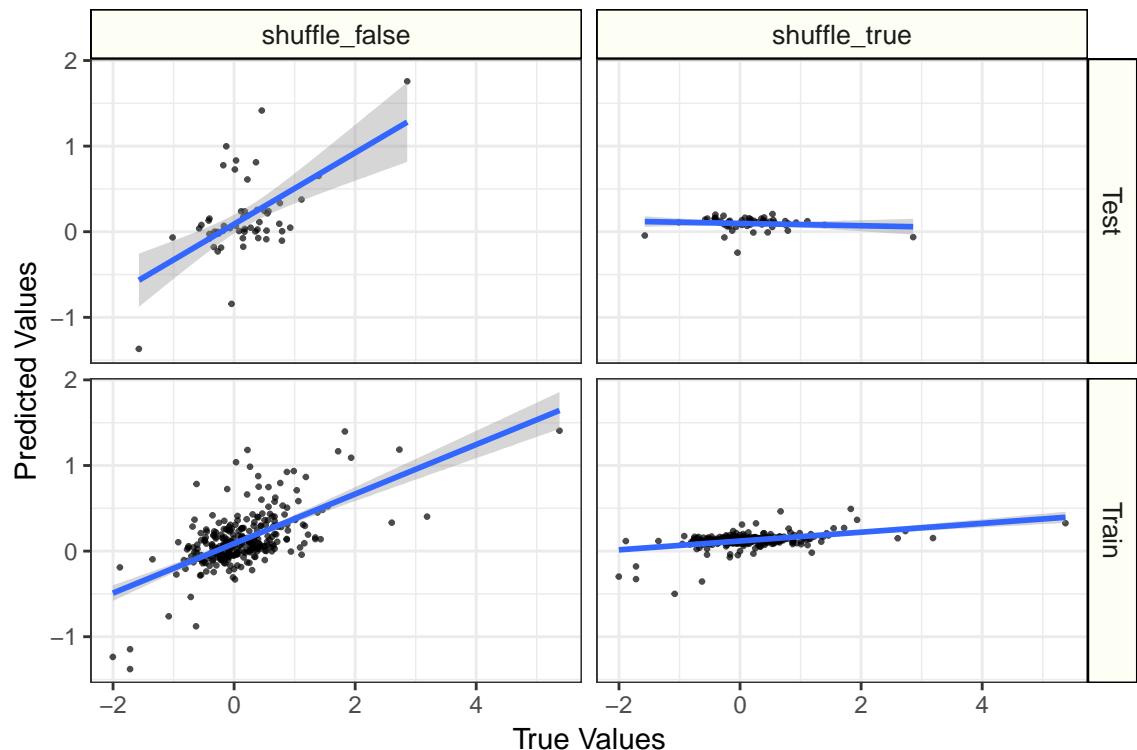


fit	shuffle	transform	r2	mse
Train	Real	zero-one	0.05	0.01
Test	Real	zero-one	-0.37	0.05
Train	Shuffle	zero-one	0.05	0.01
Test	Shuffle	zero-one	-0.40	0.05

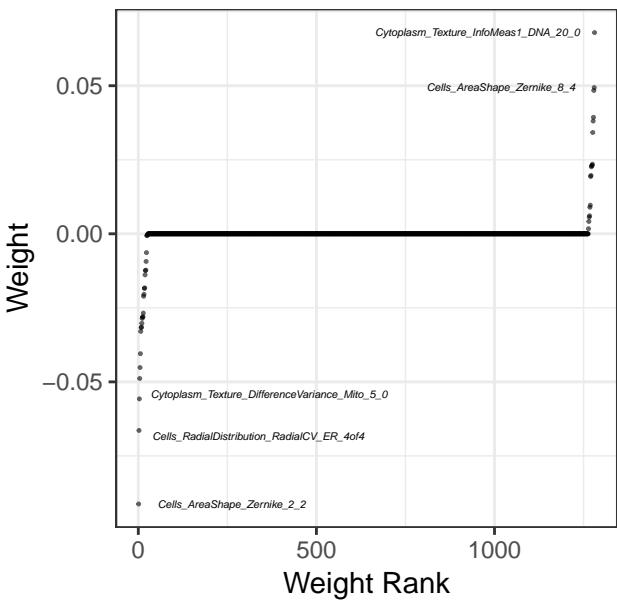


# Performance: cc\_polynuclear\_high\_n\_spots\_h2ax\_mean

Transform: raw

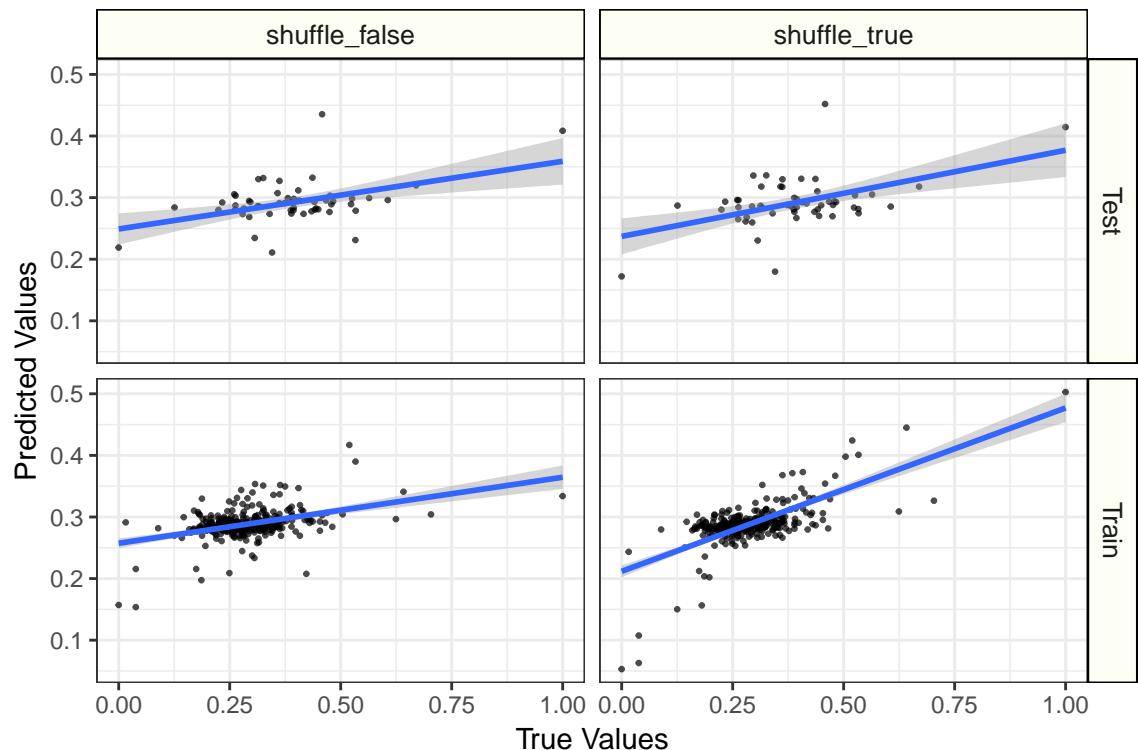


fit	shuffle	transform	r2	mse
Train	Real	raw	0.37	0.31
Test	Real	raw	0.29	0.28
Train	Shuffle	raw	0.09	0.45
Test	Shuffle	raw	-0.05	0.42

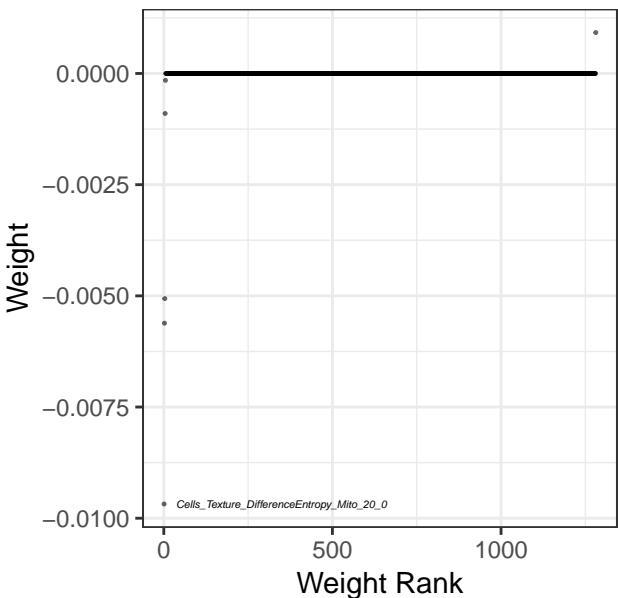


# Performance: cc\_polynuclear\_high\_n\_spots\_h2ax\_mean

Transform: zero-one

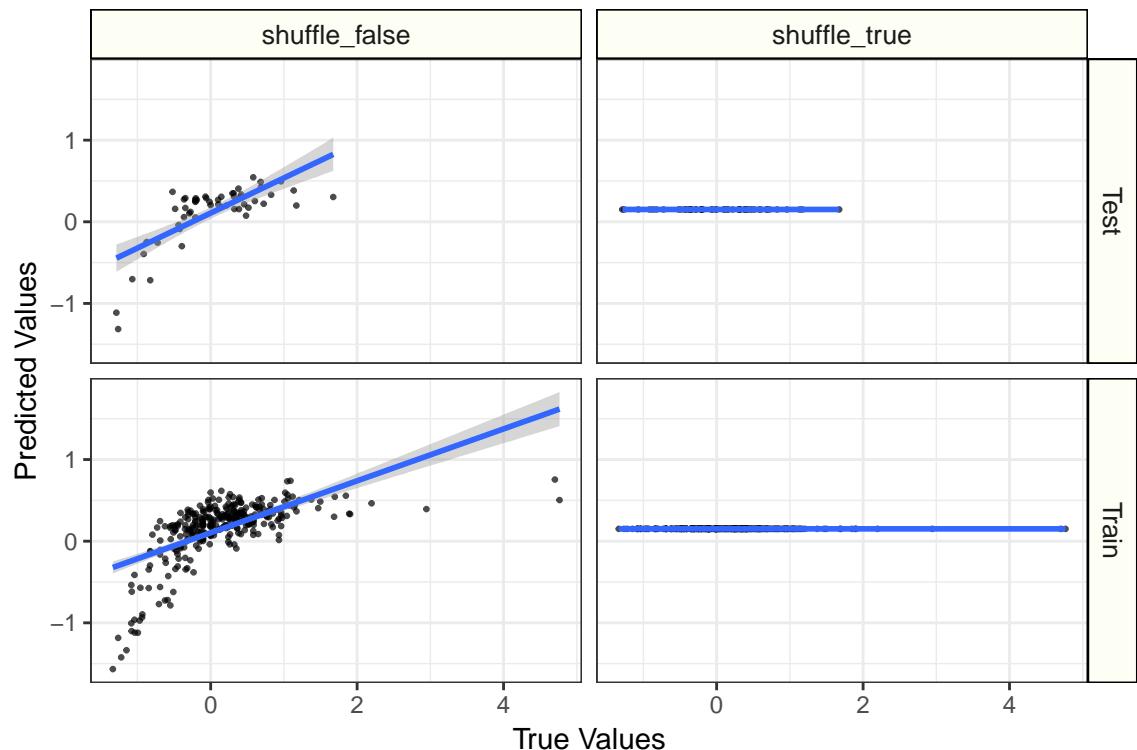


fit	shuffle	transform	r2	mse
Train	Real	zero-one	0.15	0.01
Test	Real	zero-one	-0.34	0.03
Train	Shuffle	zero-one	0.38	0.01
Test	Shuffle	zero-one	-0.30	0.03

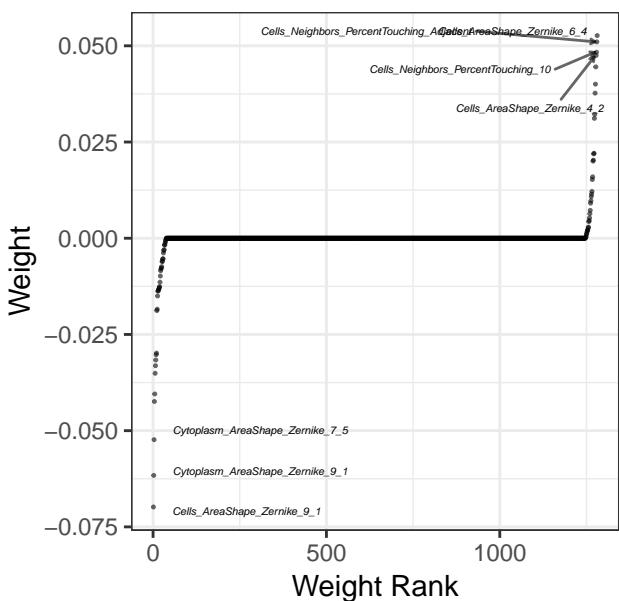


# Performance: cc\_polymer\_n\_objects

Transform: raw

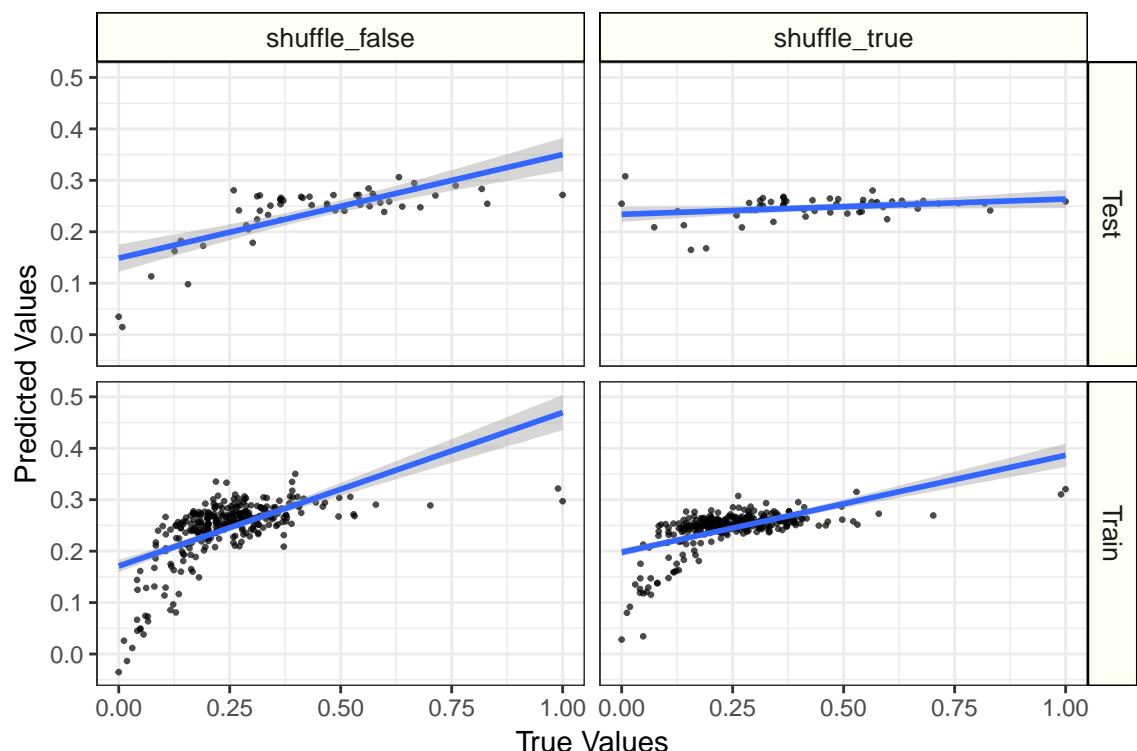


fit	shuffle	transform	r2	mse
Train	Real	raw	0.38	0.33
Test	Real	raw	0.48	0.19
Train	Shuffle	raw	0.00	0.53
Test	Shuffle	raw	-0.04	0.39

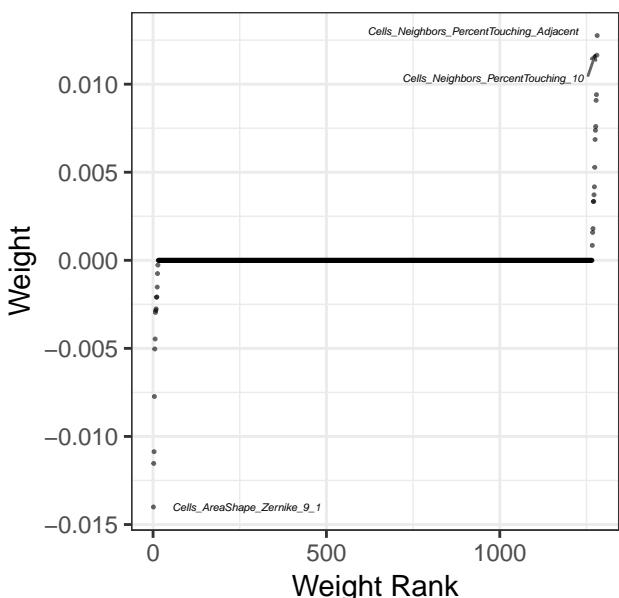


# Performance: cc\_polynuclear\_n\_objects

Transform: zero-one

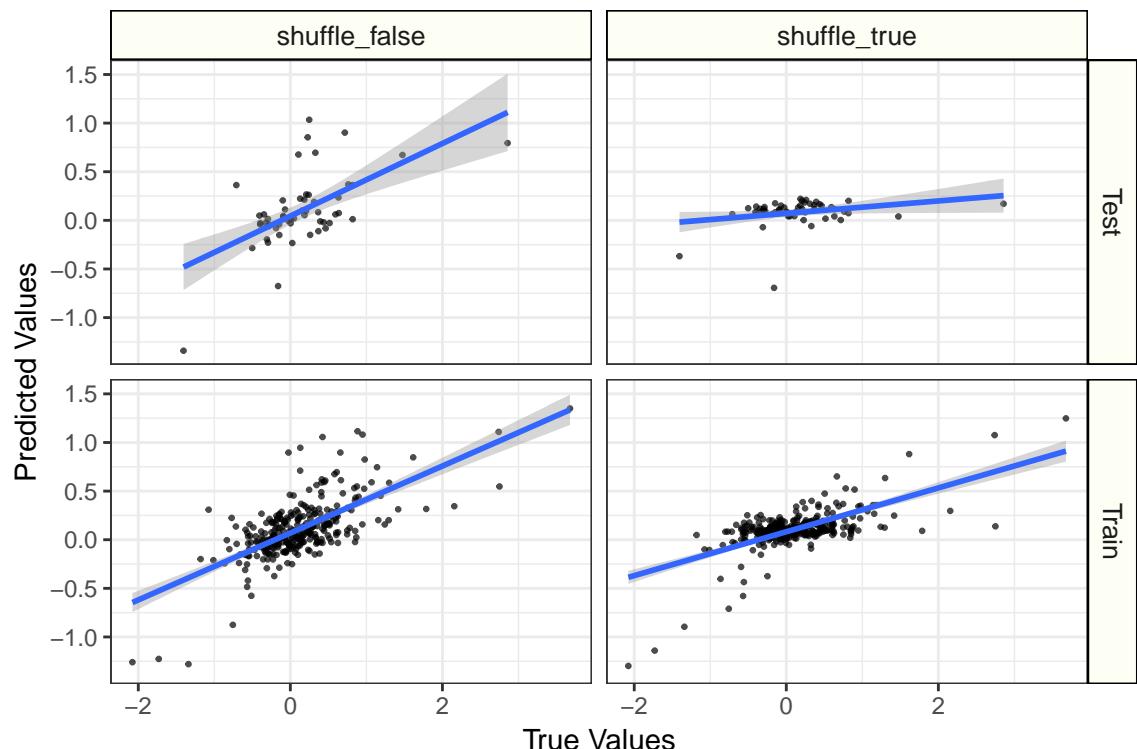


fit	shuffle	transform	r2	mse
Train	Real	zero-one	0.35	0.01
Test	Real	zero-one	-0.67	0.07
Train	Shuffle	zero-one	0.27	0.01
Test	Shuffle	zero-one	-0.86	0.08

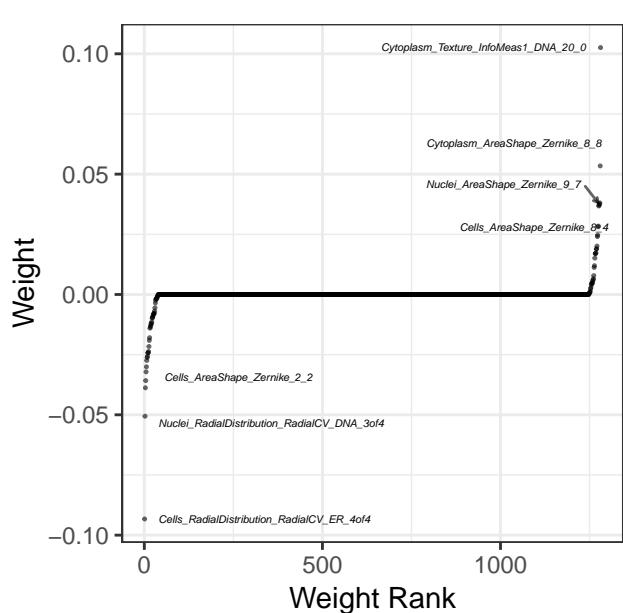


# Performance: cc\_polynuclear\_n\_spots\_mean

Transform: raw

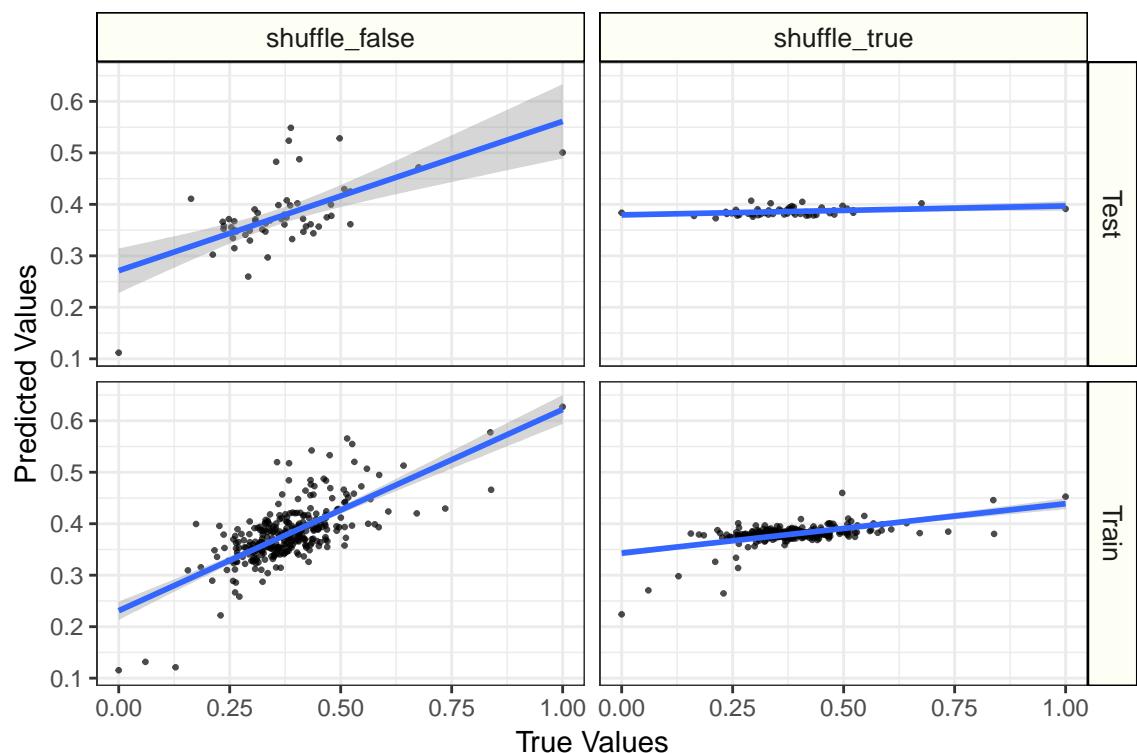


fit	shuffle	transform	r2	mse
Train	Real	raw	0.43	0.20
Test	Real	raw	0.34	0.23
Train	Shuffle	raw	0.33	0.24
Test	Shuffle	raw	0.06	0.32

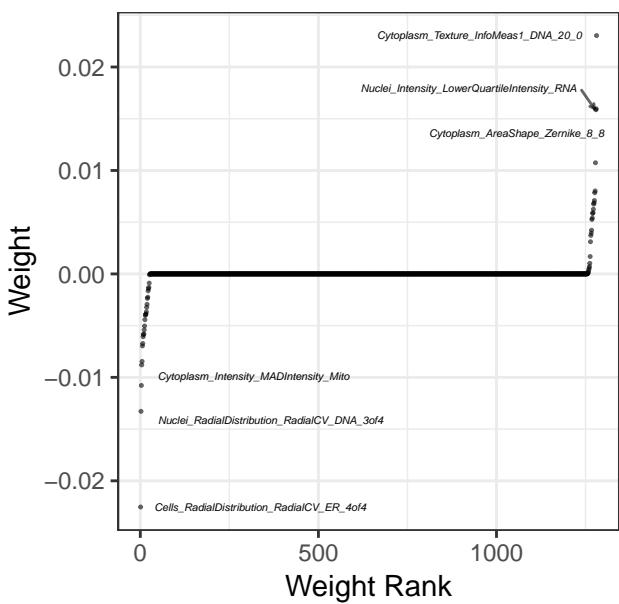


# Performance: cc\_polynuclear\_n\_spots\_mean

Transform: zero-one

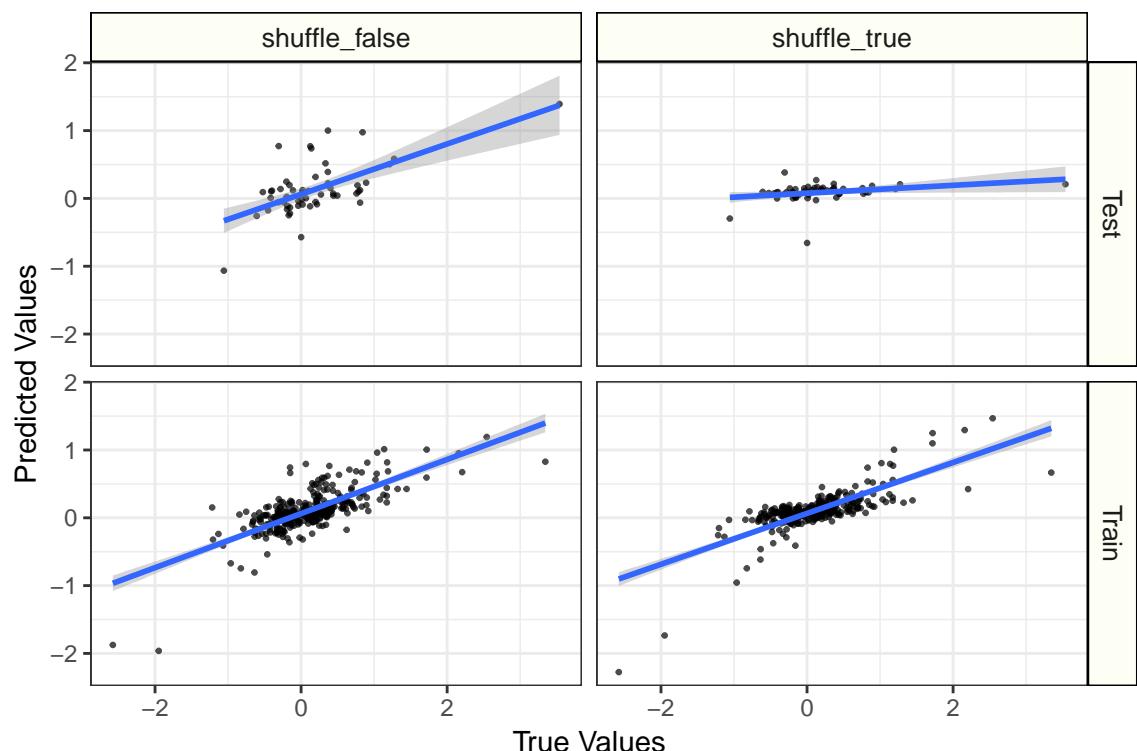


fit	shuffle	transform	r2	mse
Train	Real	zero-one	0.47	0.01
Test	Real	zero-one	0.33	0.01
Train	Shuffle	zero-one	0.16	0.01
Test	Shuffle	zero-one	0.01	0.02

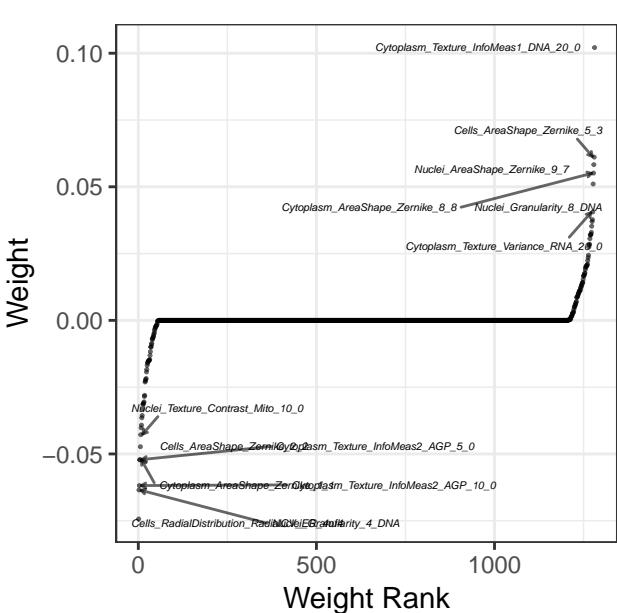


# Performance: cc\_polynuclear\_n\_spots\_per\_nucleus\_area\_mean

Transform: raw

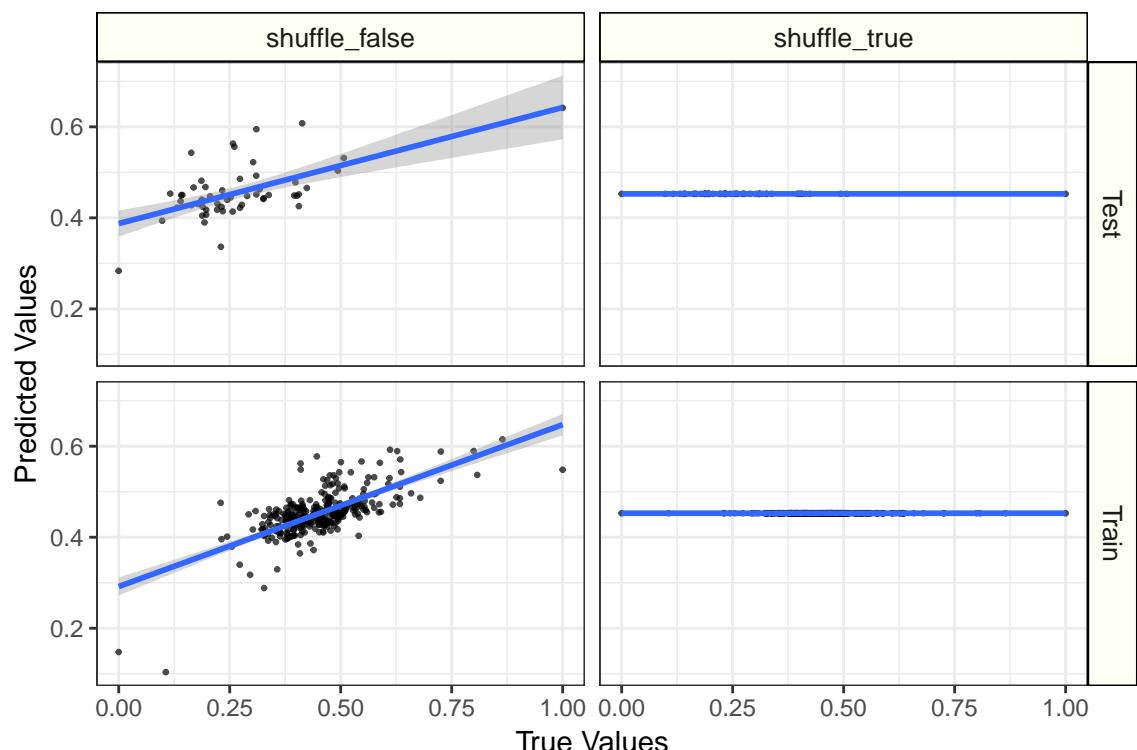


fit	shuffle	transform	r2	mse
Train	Real	raw	0.50	0.17
Test	Real	raw	0.39	0.26
Train	Shuffle	raw	0.51	0.17
Test	Shuffle	raw	0.05	0.40

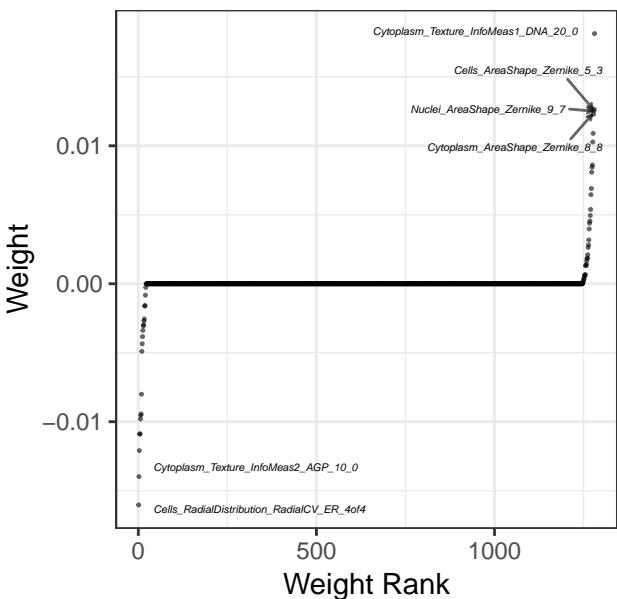


# Performance: cc\_polynuclear\_n\_spots\_per\_nucleus\_area\_mean

Transform: zero-one

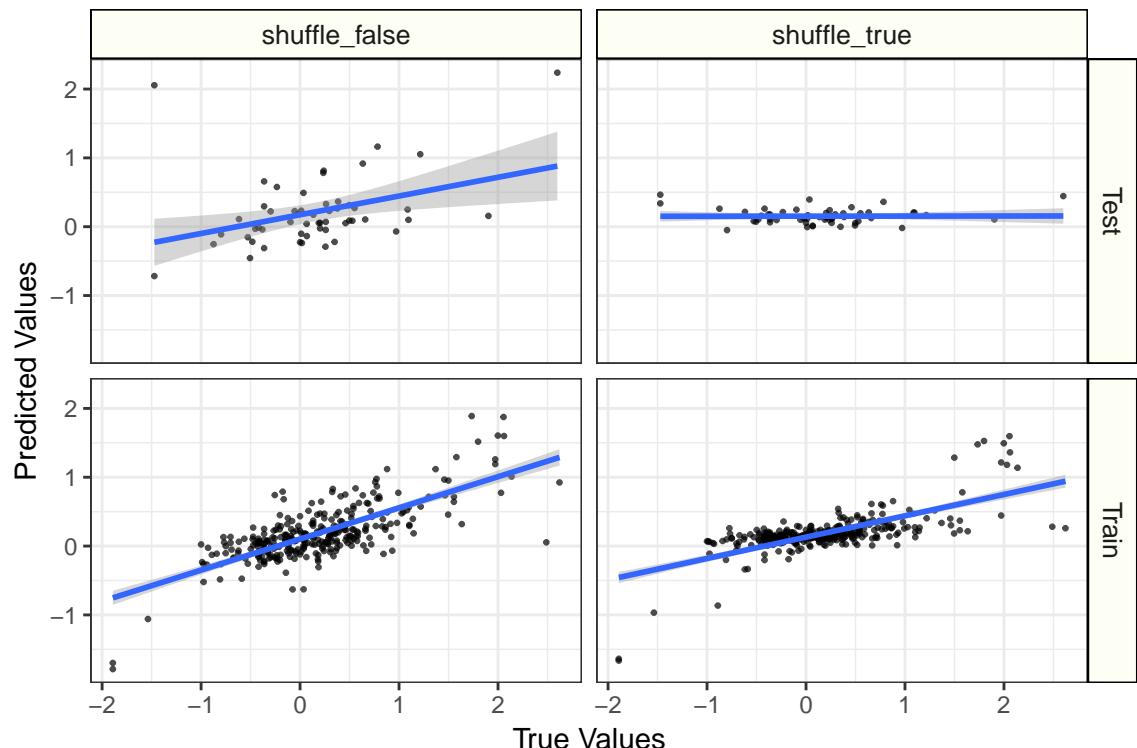


fit	shuffle	transform	r2	mse
Train	Real	zero-one	0.45	0.01
Test	Real	zero-one	-1.39	0.05
Train	Shuffle	zero-one	0.00	0.01
Test	Shuffle	zero-one	-1.66	0.05

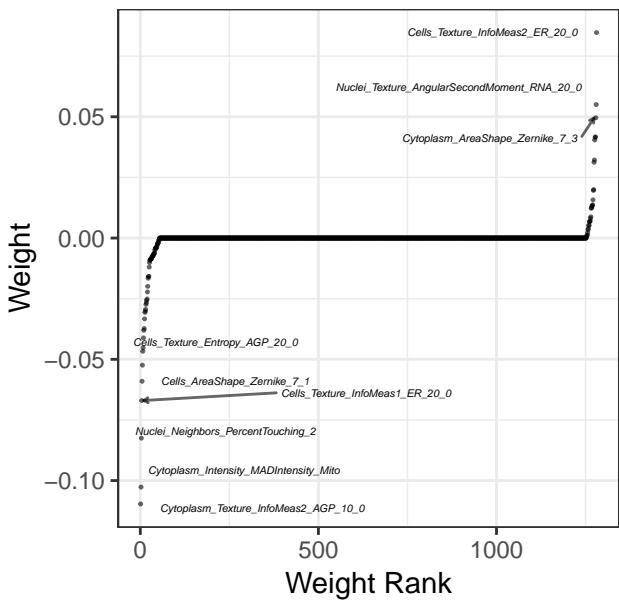


# Performance: cc\_polyplloid\_high\_n\_spots\_h2ax\_mean

Transform: raw

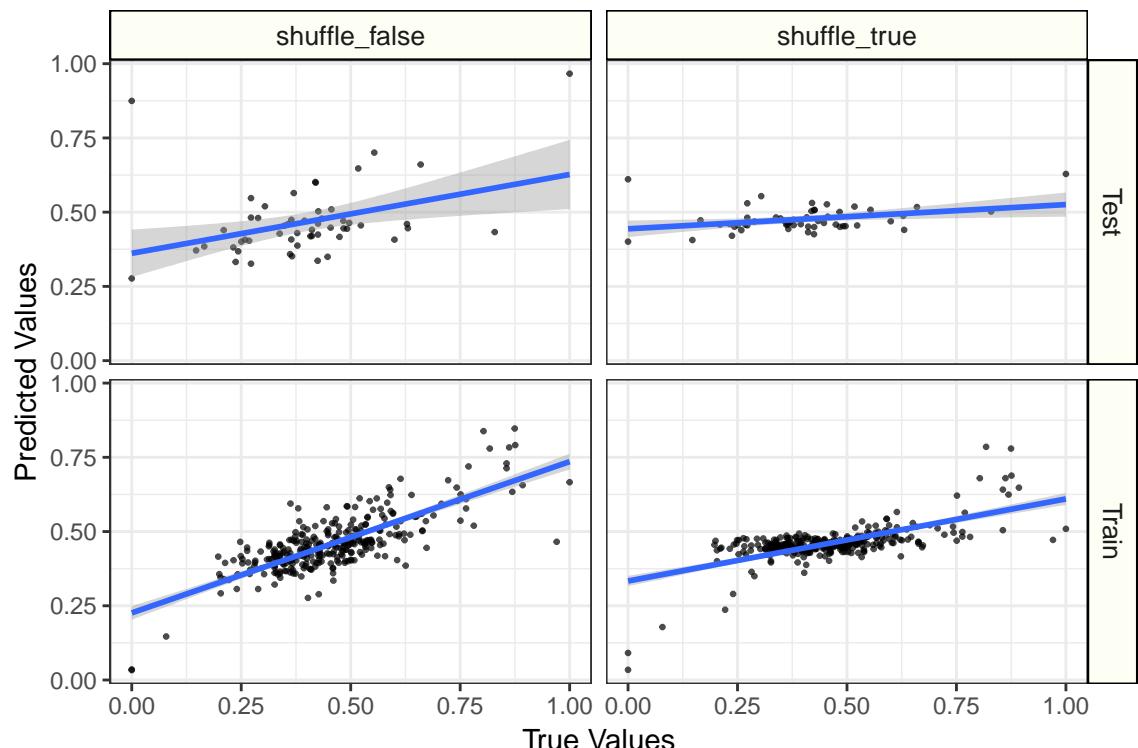


fit	shuffle	transform	r2	mse
Train	Real	raw	0.53	0.21
Test	Real	raw	-0.03	0.49
Train	Shuffle	raw	0.42	0.26
Test	Shuffle	raw	-0.02	0.49

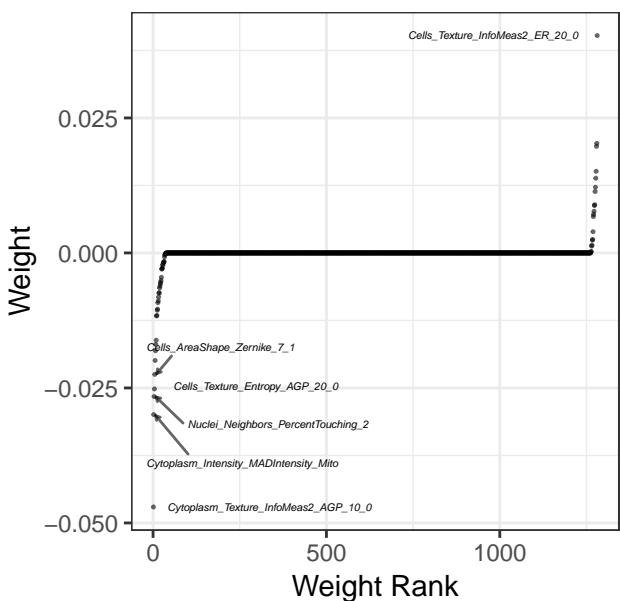


# Performance: cc\_polyplloid\_high\_n\_spots\_h2ax\_mean

Transform: zero-one

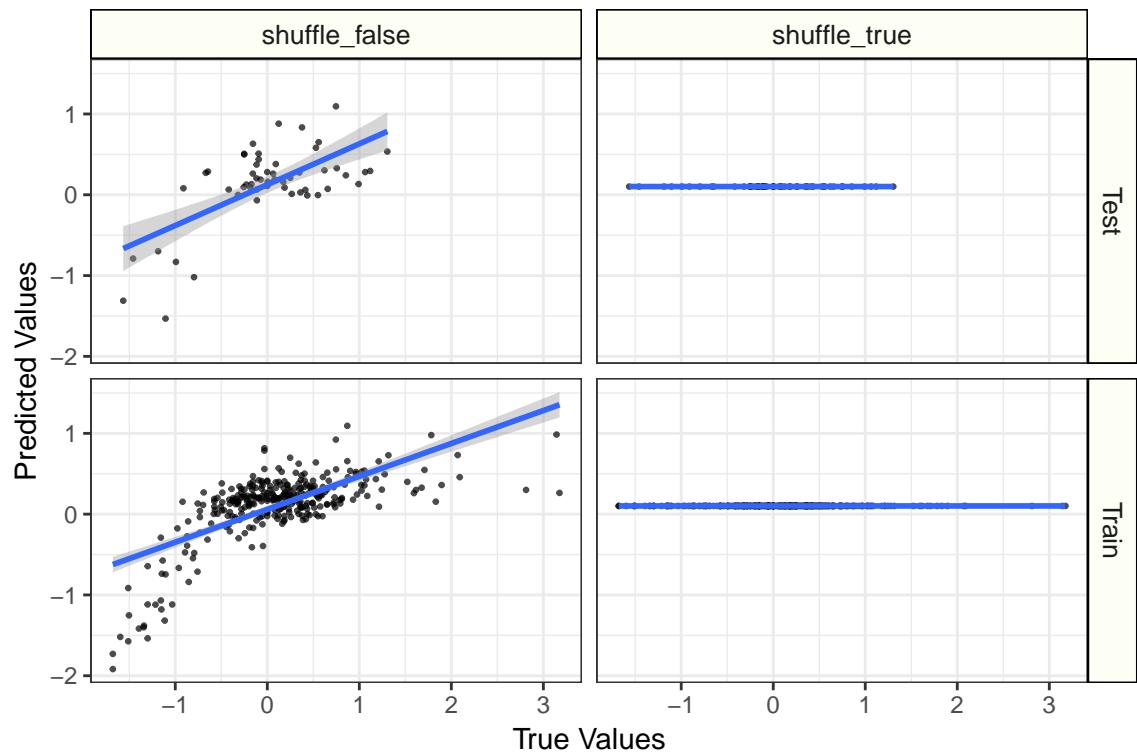


fit	shuffle	transform	r2	mse
Train	Real	zero-one	0.59	0.01
Test	Real	zero-one	-0.16	0.03
Train	Shuffle	zero-one	0.38	0.01
Test	Shuffle	zero-one	-0.12	0.03

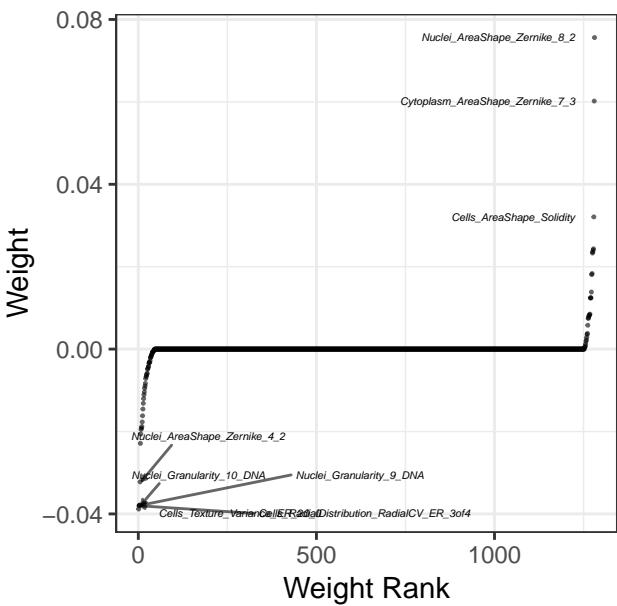


# Performance: cc\_polyplloid\_n\_objects

Transform: raw

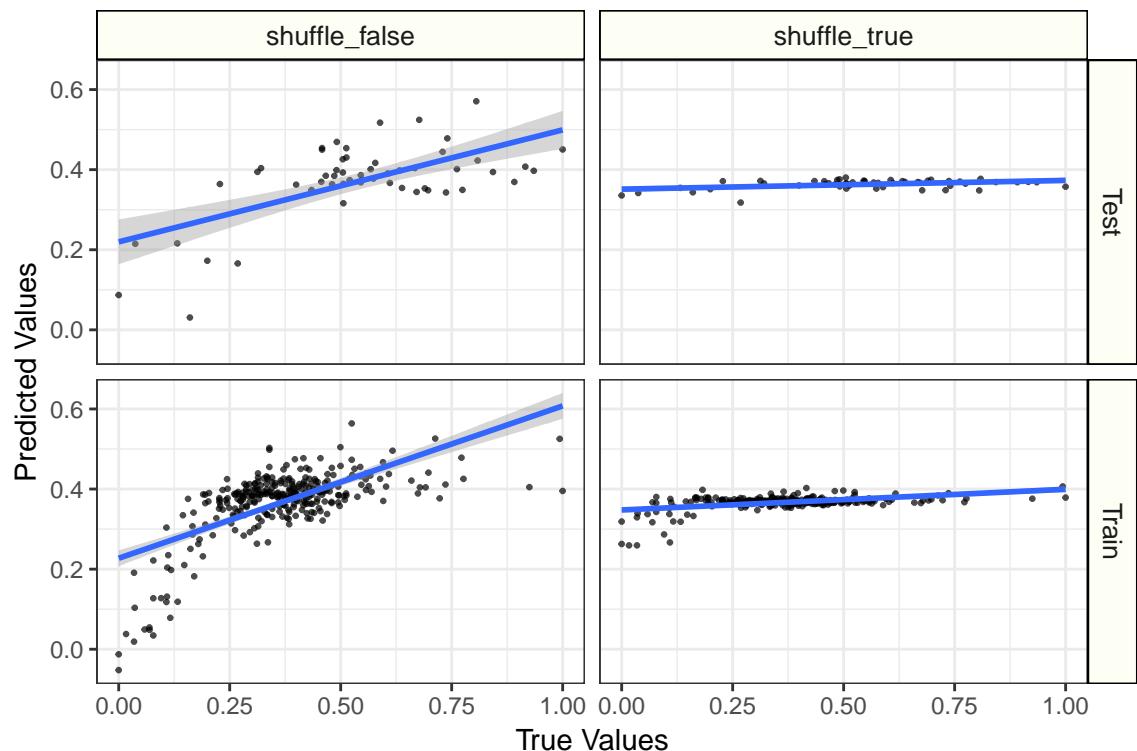


fit	shuffle	transform	r2	mse
Train	Real	raw	0.46	0.29
Test	Real	raw	0.37	0.24
Train	Shuffle	raw	0.00	0.53
Test	Shuffle	raw	-0.02	0.39

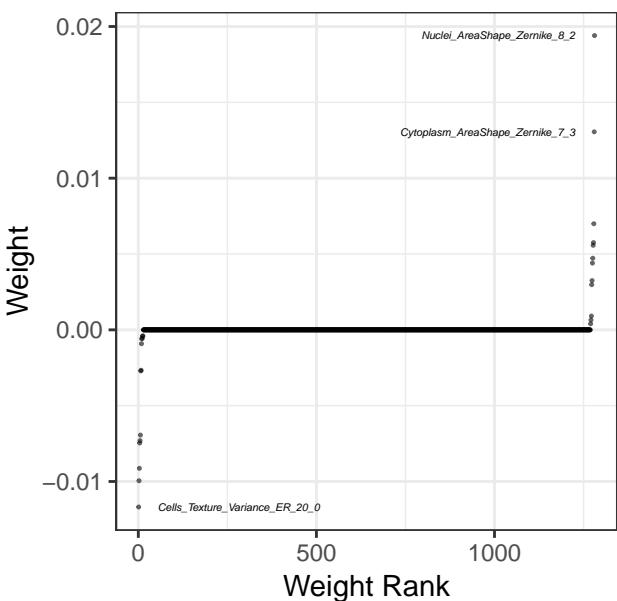


# Performance: cc\_polyplloid\_n\_objects

Transform: zero-one

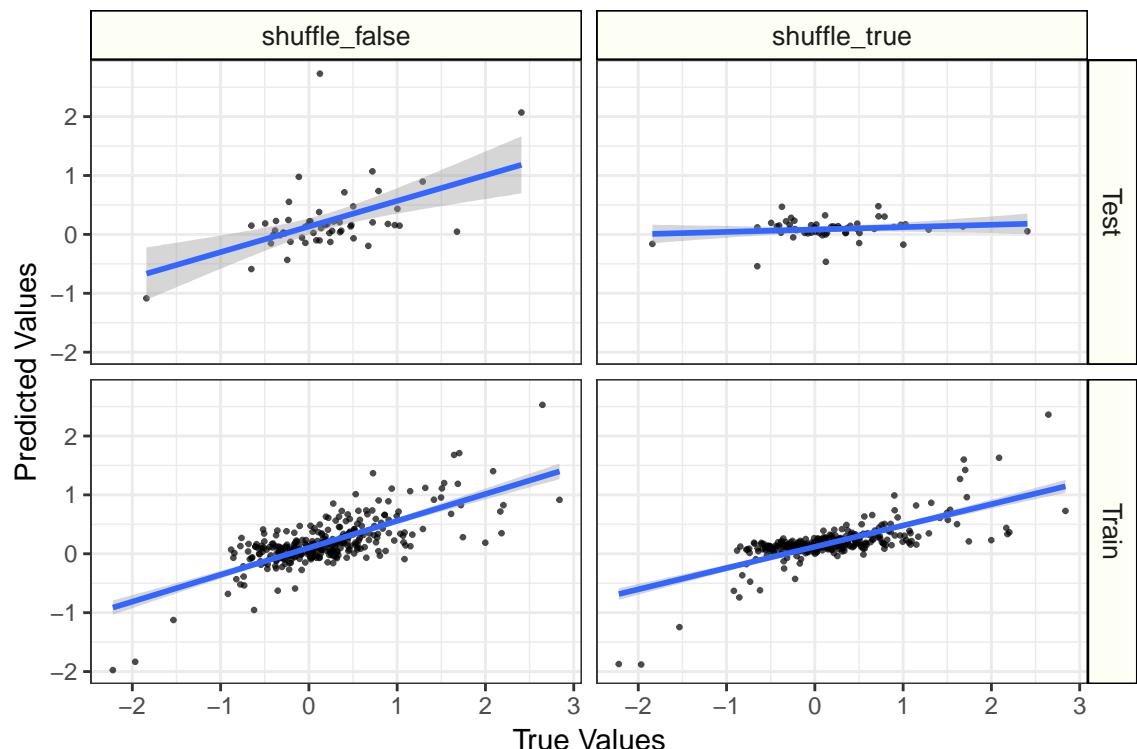


fit	shuffle	transform	r2	mse
Train	Real	zero-one	0.43	0.01
Test	Real	zero-one	-0.29	0.06
Train	Shuffle	zero-one	0.09	0.02
Test	Shuffle	zero-one	-0.69	0.08

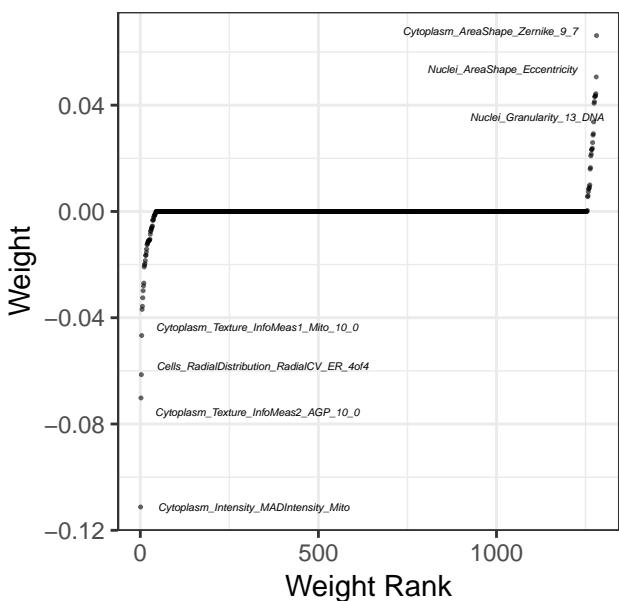


# Performance: cc\_polyplloid\_n\_spots\_mean

Transform: raw

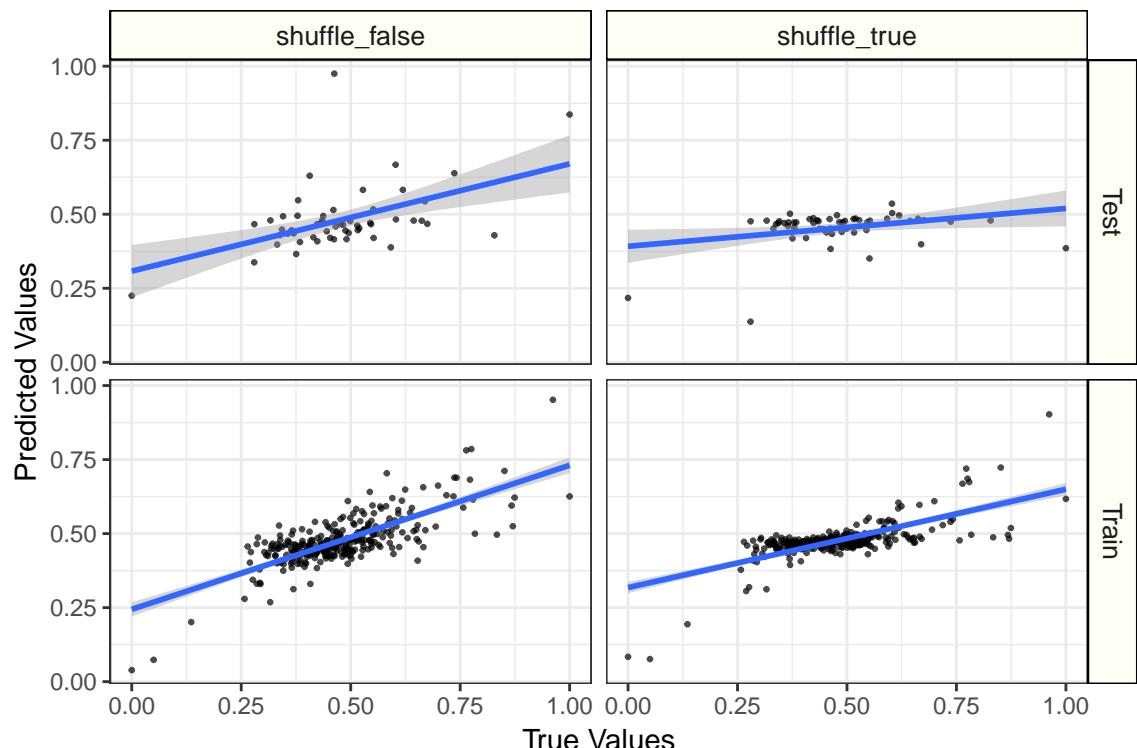


fit	shuffle	transform	r2	mse
Train	Real	raw	0.52	0.21
Test	Real	raw	0.11	0.36
Train	Shuffle	raw	0.47	0.23
Test	Shuffle	raw	-0.01	0.41

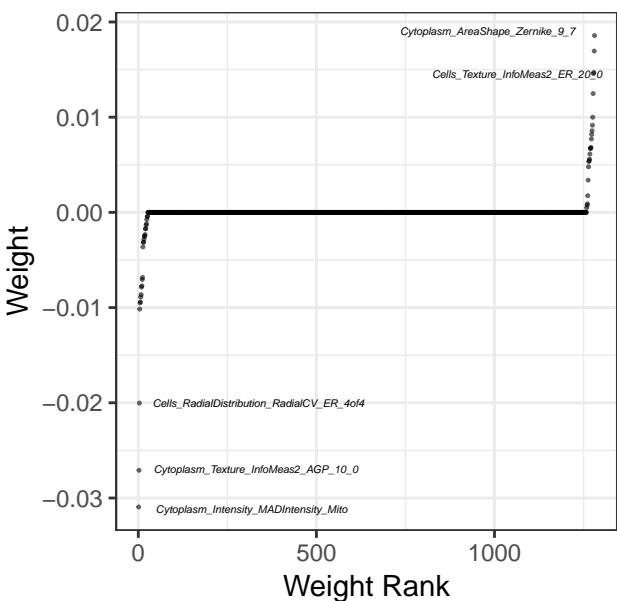


# Performance: cc\_polyplloid\_n\_spots\_mean

Transform: zero-one

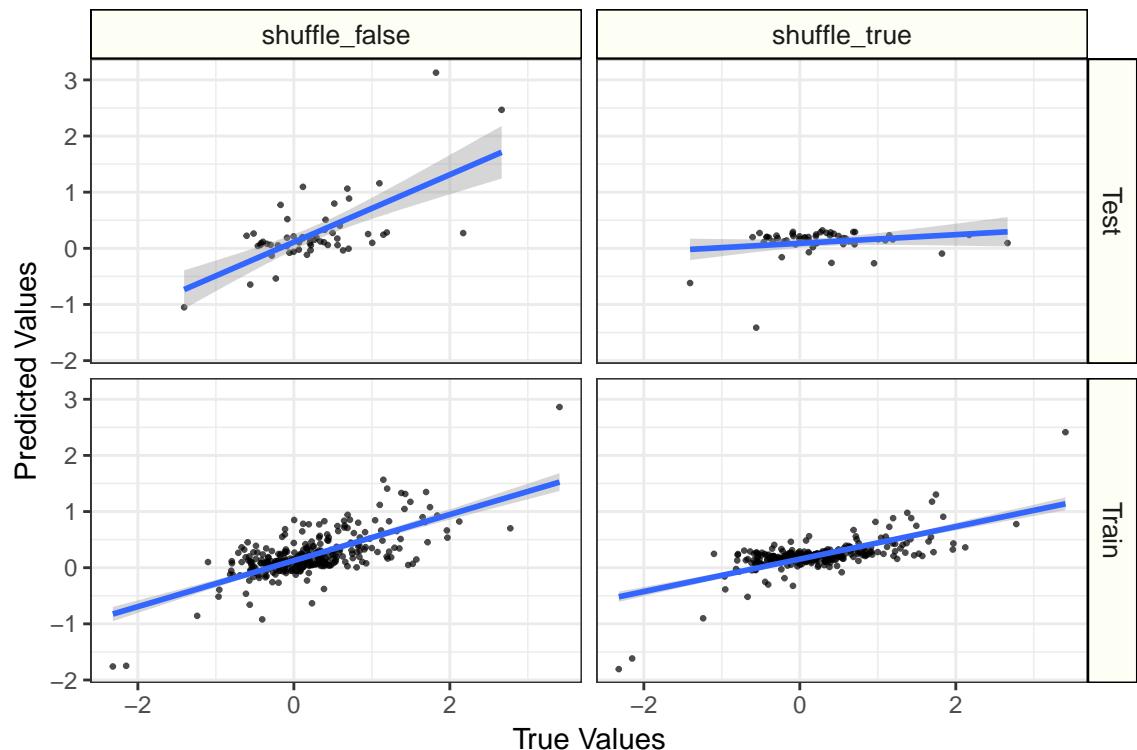


fit	shuffle	transform	r2	mse
Train	Real	zero-one	0.55	0.01
Test	Real	zero-one	0.19	0.02
Train	Shuffle	zero-one	0.44	0.01
Test	Shuffle	zero-one	0.05	0.02

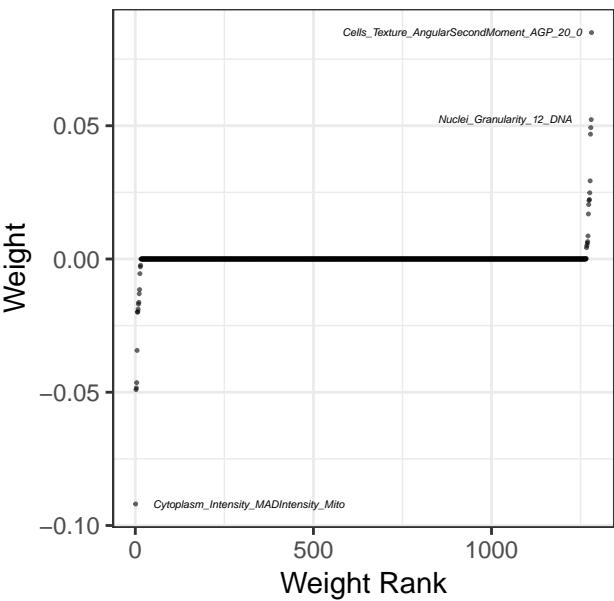


# Performance: cc\_polyplloid\_n\_spots\_per\_nucleus\_area\_mean

Transform: raw

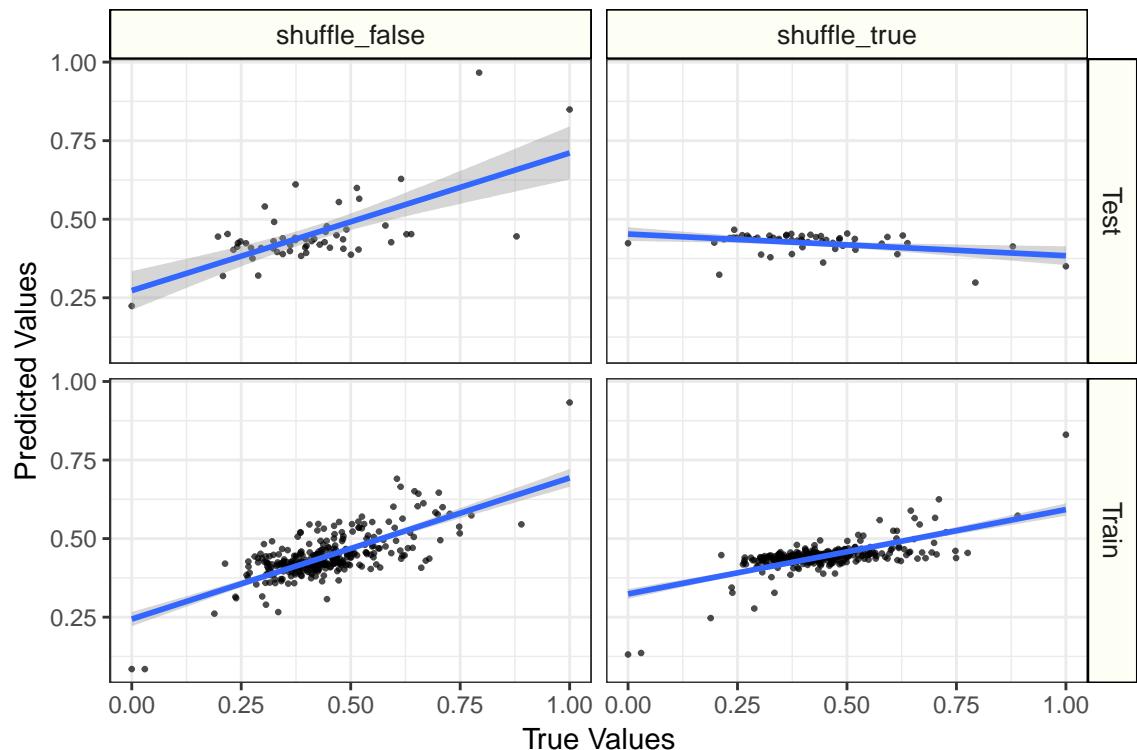


fit	shuffle	transform	r2	mse
Train	Real	raw	0.47	0.24
Test	Real	raw	0.38	0.29
Train	Shuffle	raw	0.40	0.27
Test	Shuffle	raw	-0.05	0.50

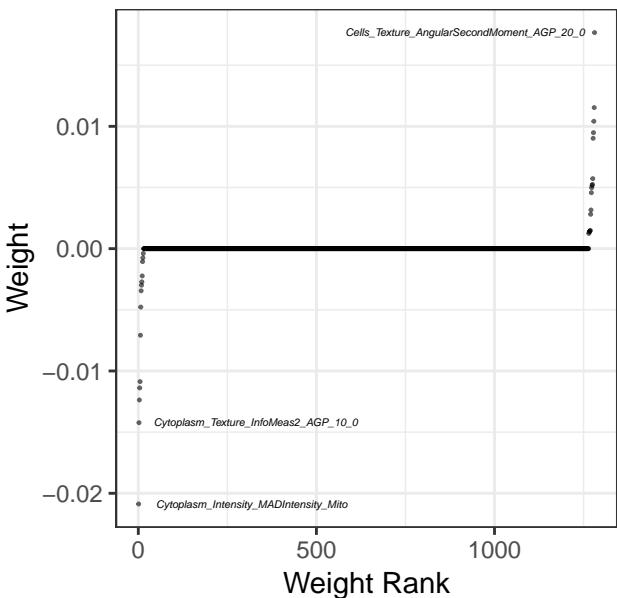


# Performance: cc\_polyplloid\_n\_spots\_per\_nucleus\_area\_mean

Transform: zero-one

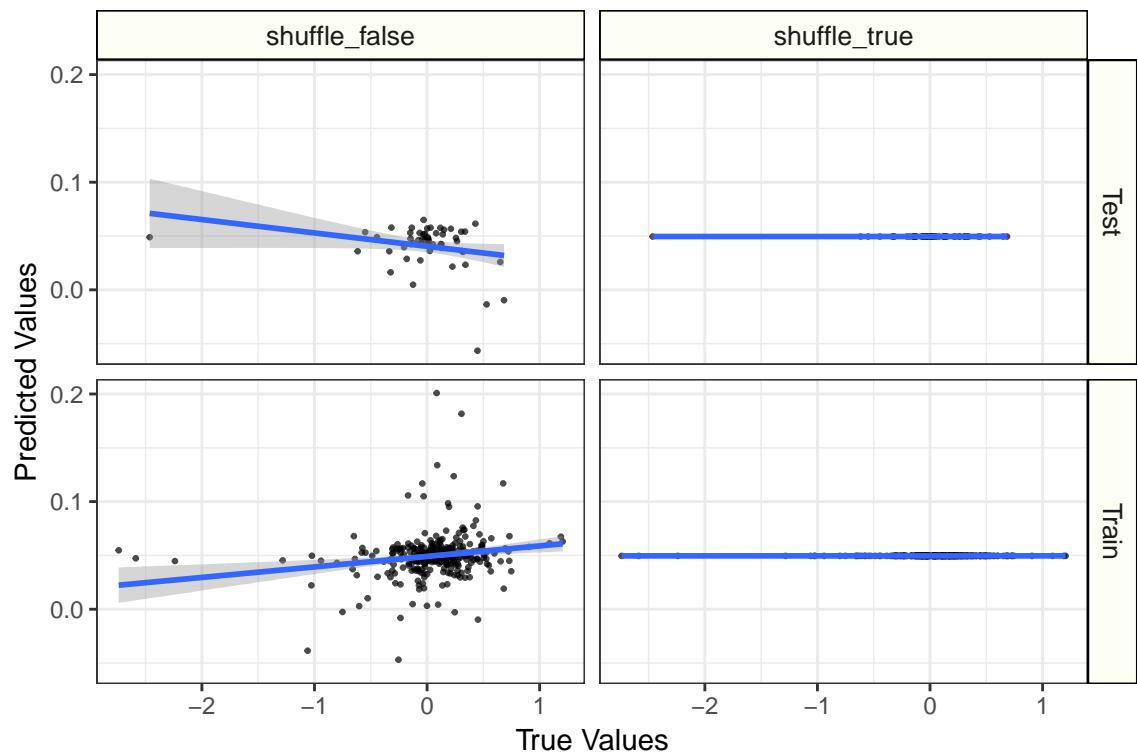


fit	shuffle	transform	r2	mse
Train	Real	zero-one	0.51	0.01
Test	Real	zero-one	0.38	0.02
Train	Shuffle	zero-one	0.37	0.01
Test	Shuffle	zero-one	-0.18	0.03

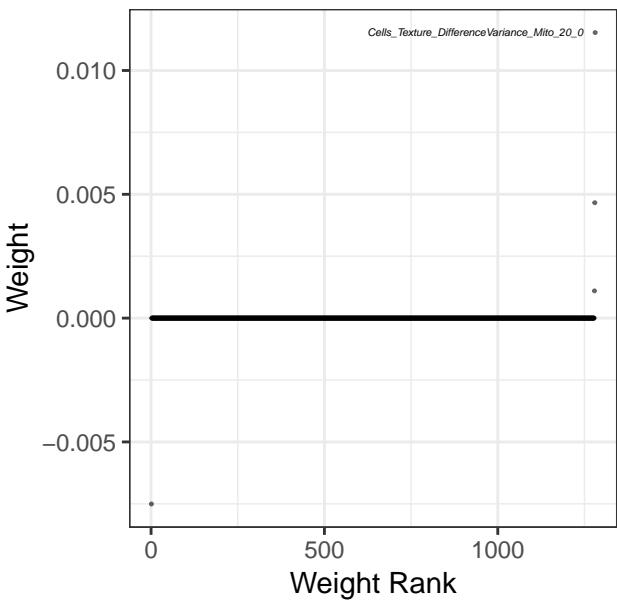


# Performance: vb\_infection\_percentage

Transform: raw

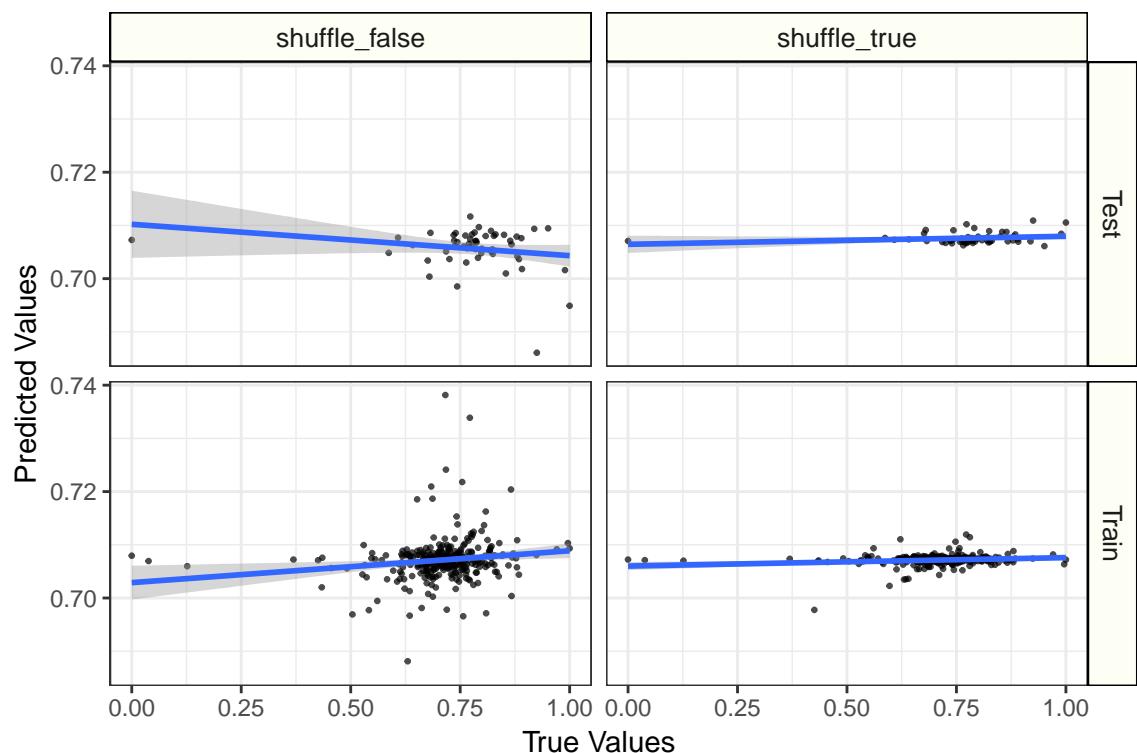


fit	shuffle	transform	r2	mse
Train	Real	raw	0.02	0.17
Test	Real	raw	-0.04	0.19
Train	Shuffle	raw	0.00	0.18
Test	Shuffle	raw	-0.02	0.19

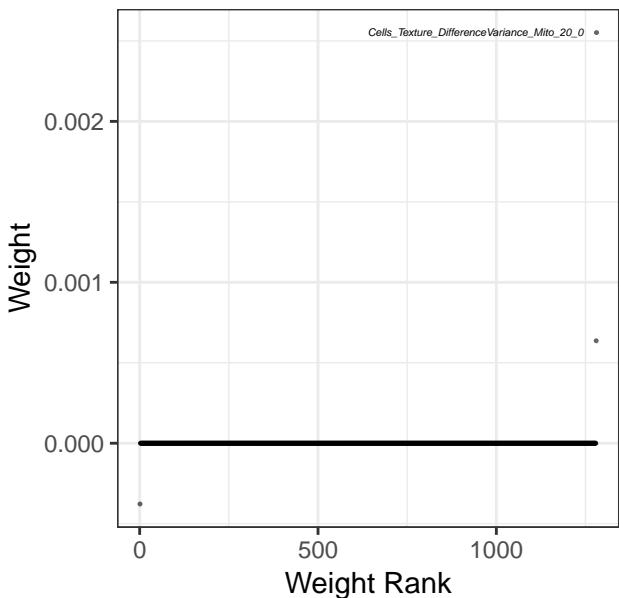


# Performance: vb\_infection\_percentage

Transform: zero-one

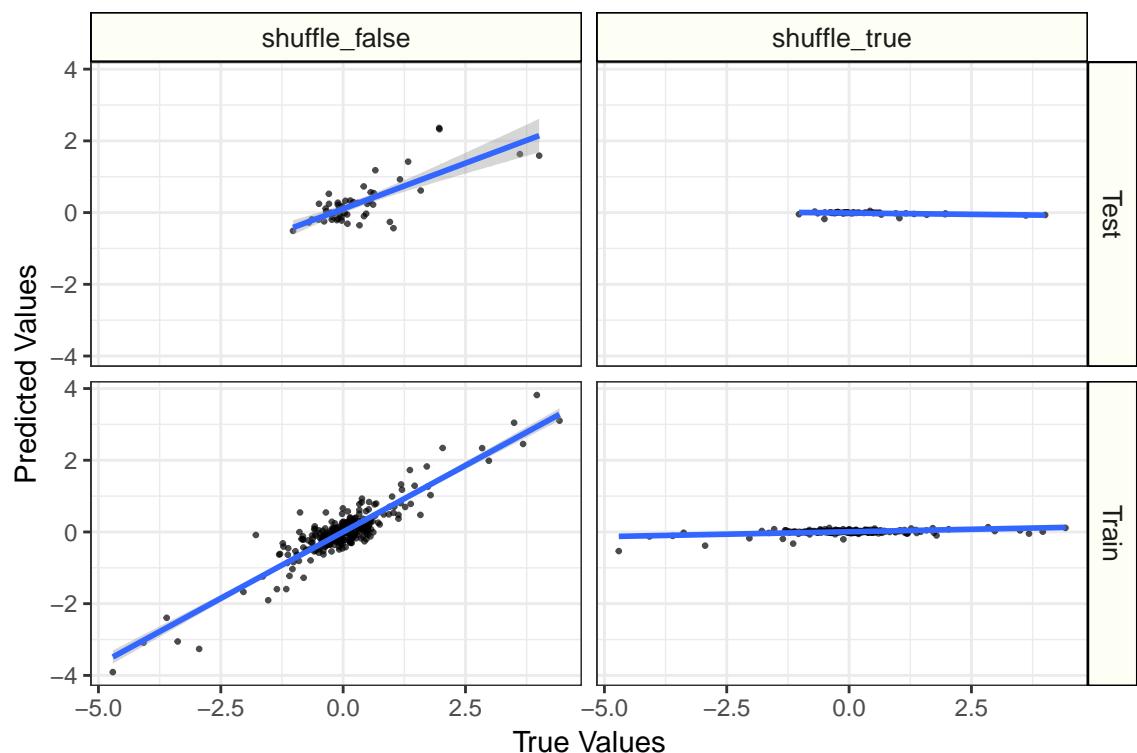


fit	shuffle	transform	r2	mse
Train	Real	zero-one	0.01	0.01
Test	Real	zero-one	-0.32	0.02
Train	Shuffle	zero-one	0.00	0.01
Test	Shuffle	zero-one	-0.29	0.02

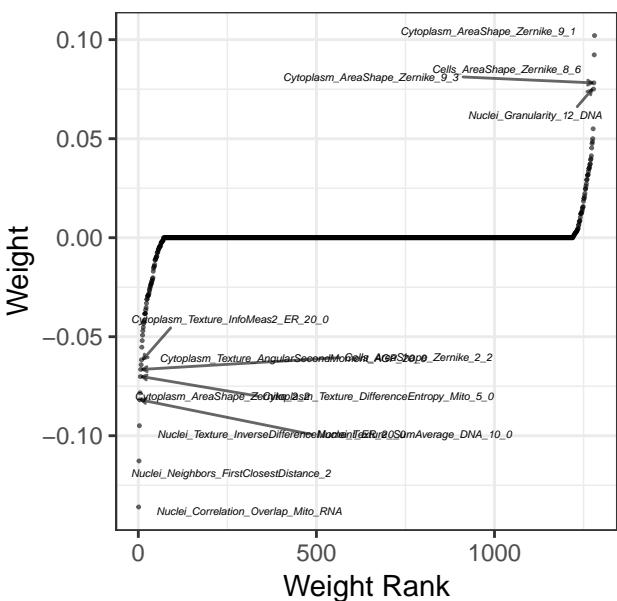


# Performance: vb\_live\_cell\_area

Transform: raw

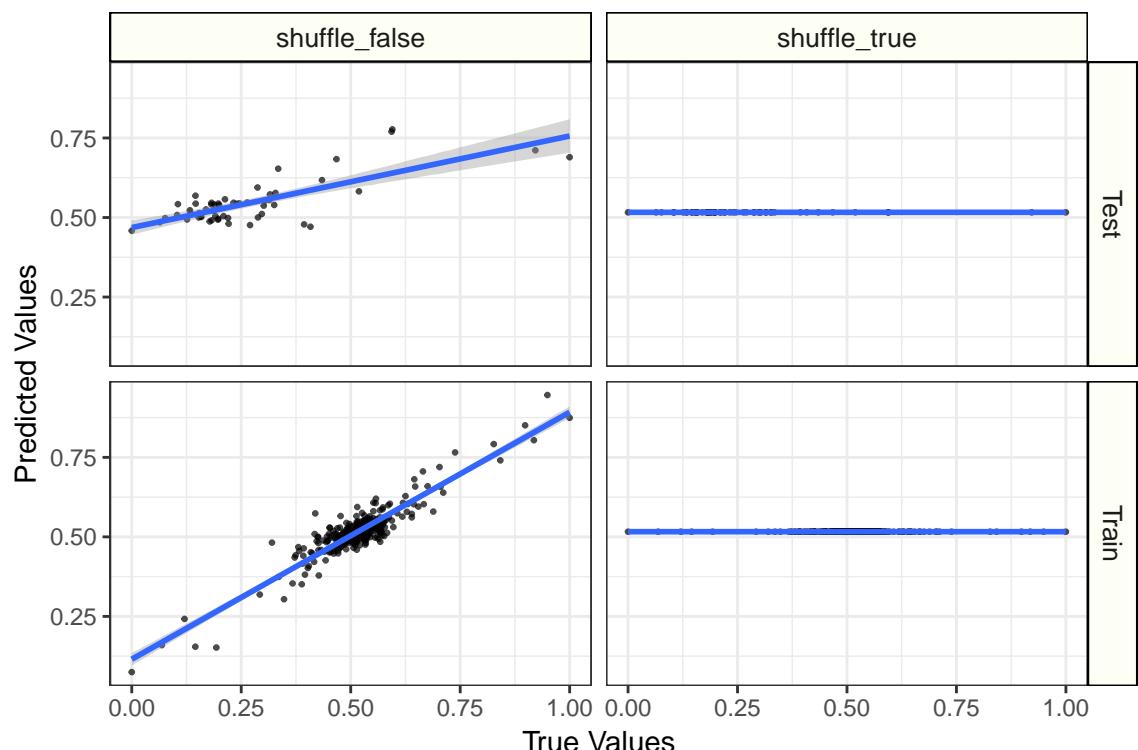


fit	shuffle	transform	r2	mse
Train	Real	raw	0.82	0.15
Test	Real	raw	0.56	0.37
Train	Shuffle	raw	0.05	0.78
Test	Shuffle	raw	-0.17	0.98

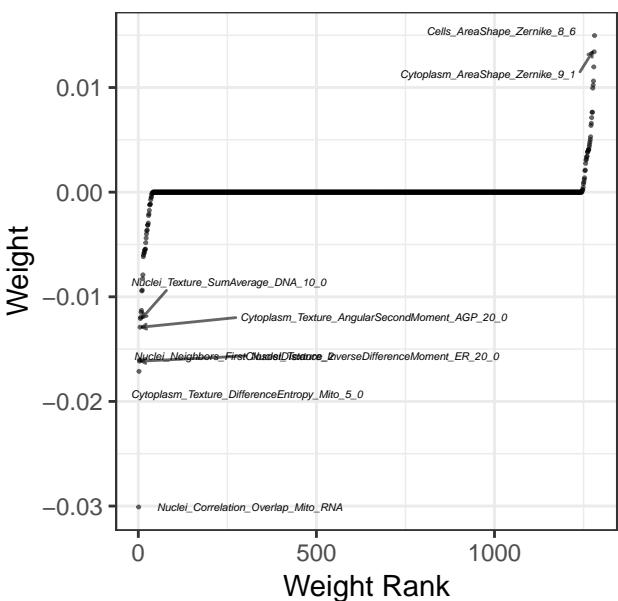


# Performance: vb\_live\_cell\_area

Transform: zero-one

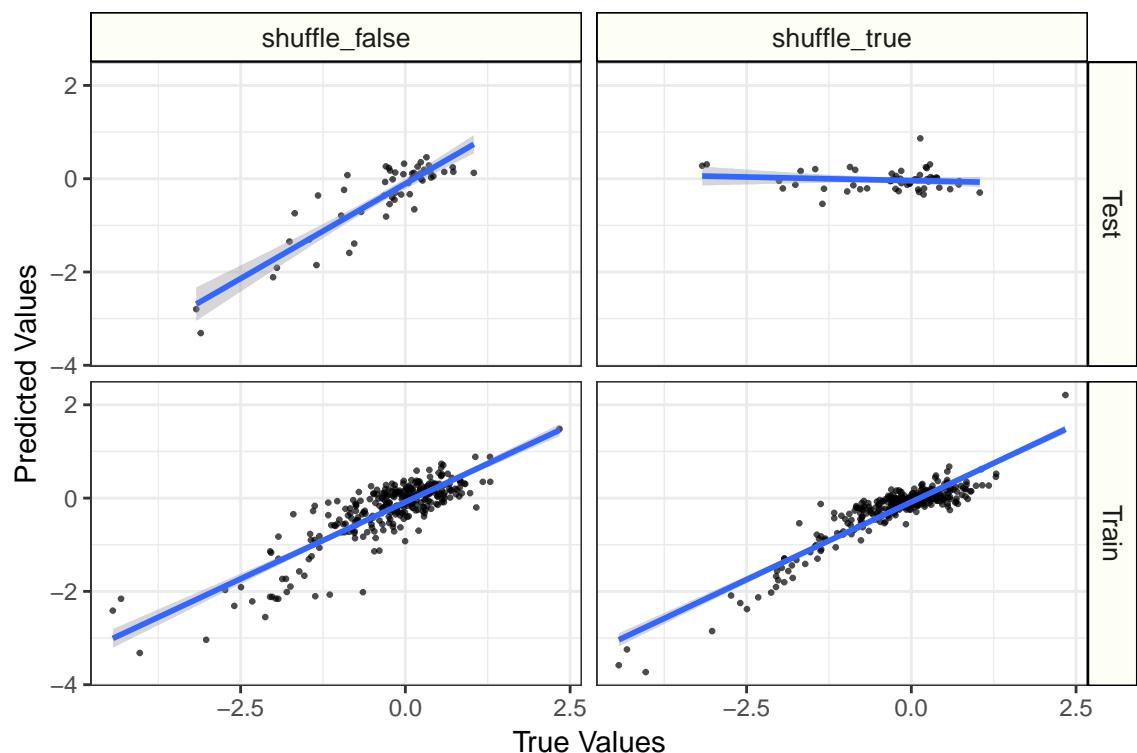


fit	shuffle	transform	r2	mse
Train	Real	zero-one	0.84	0.00
Test	Real	zero-one	-1.89	0.10
Train	Shuffle	zero-one	0.00	0.01
Test	Shuffle	zero-one	-1.86	0.09

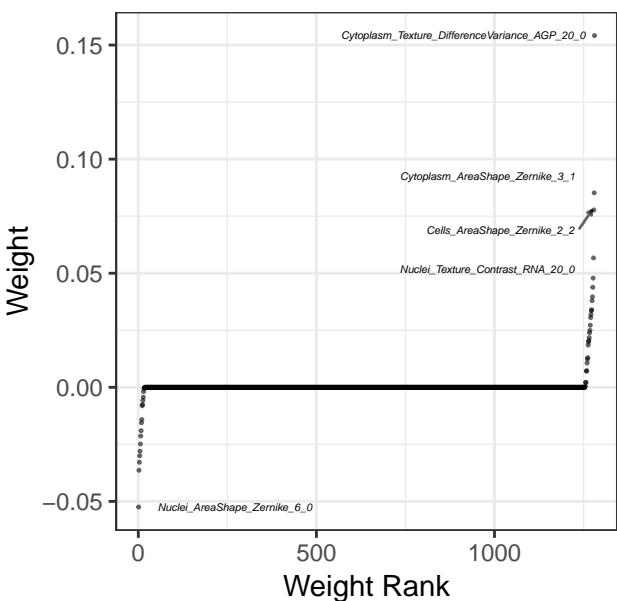


# Performance: vb\_live\_cell\_roundness

Transform: raw

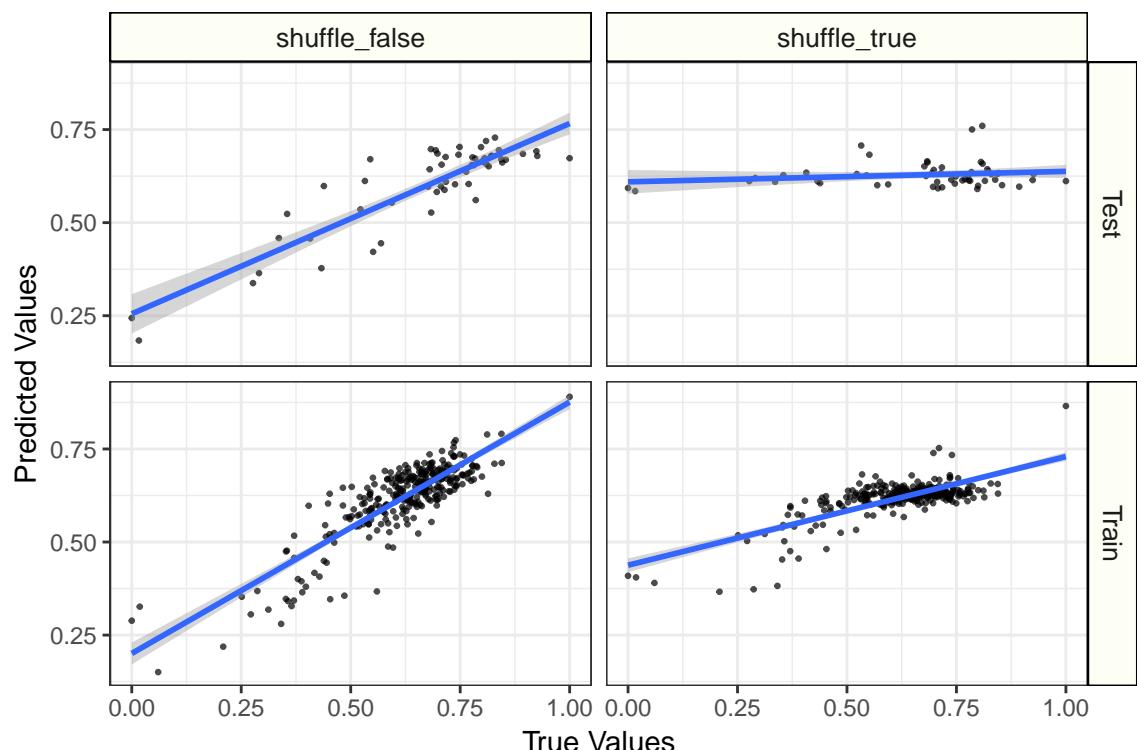


fit	shuffle	transform	r2	mse
Train	Real	raw	0.71	0.21
Test	Real	raw	0.77	0.17
Train	Shuffle	raw	0.80	0.15
Test	Shuffle	raw	-0.25	0.96

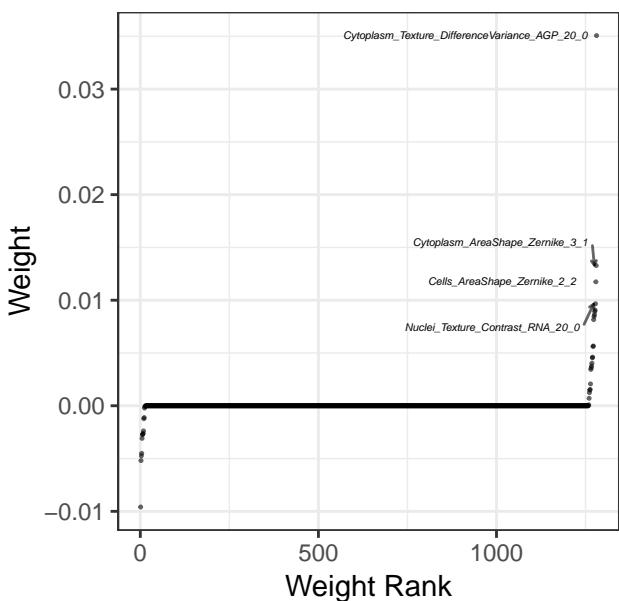


# Performance: vb\_live\_cell\_roundness

Transform: zero-one

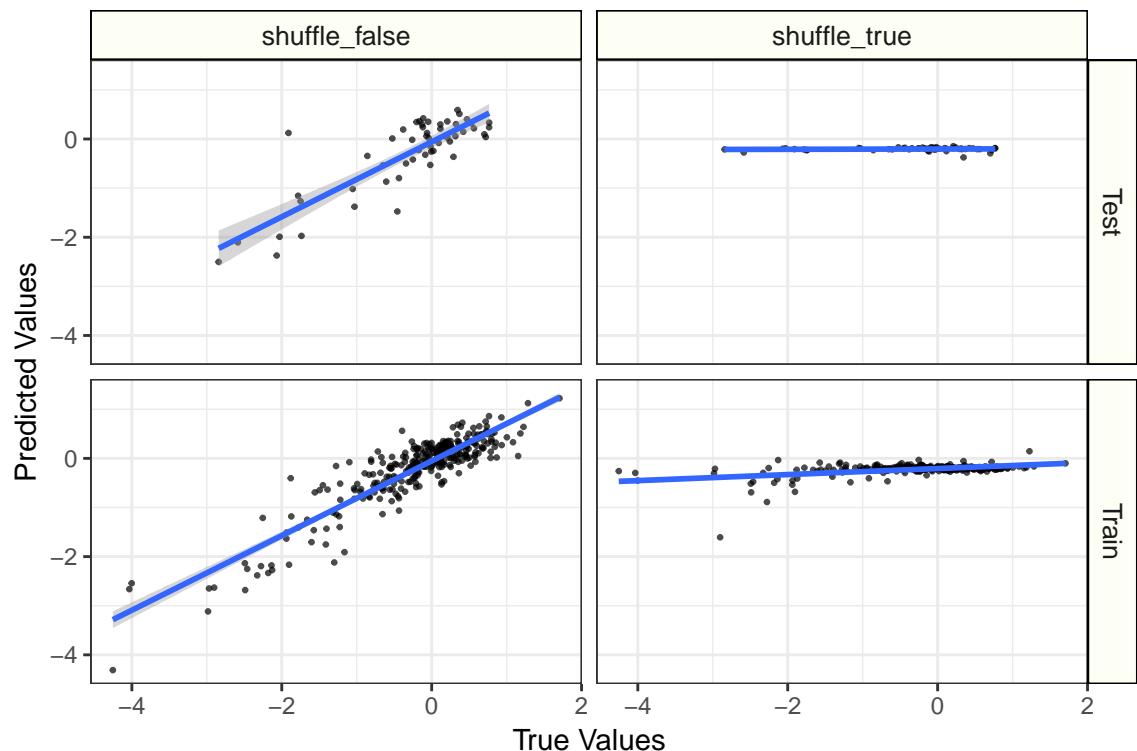


fit	shuffle	transform	r2	mse
Train	Real	zero-one	0.73	0.00
Test	Real	zero-one	0.56	0.02
Train	Shuffle	zero-one	0.43	0.01
Test	Shuffle	zero-one	-0.02	0.04

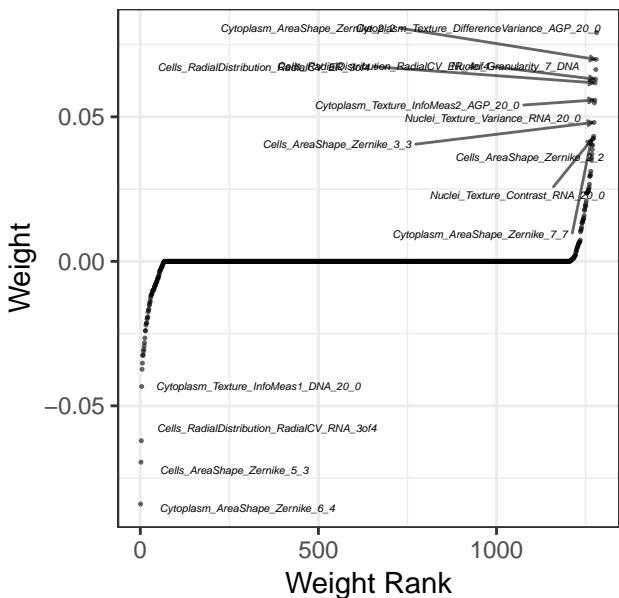


# Performance: vb\_live\_cell\_width\_length

Transform: raw

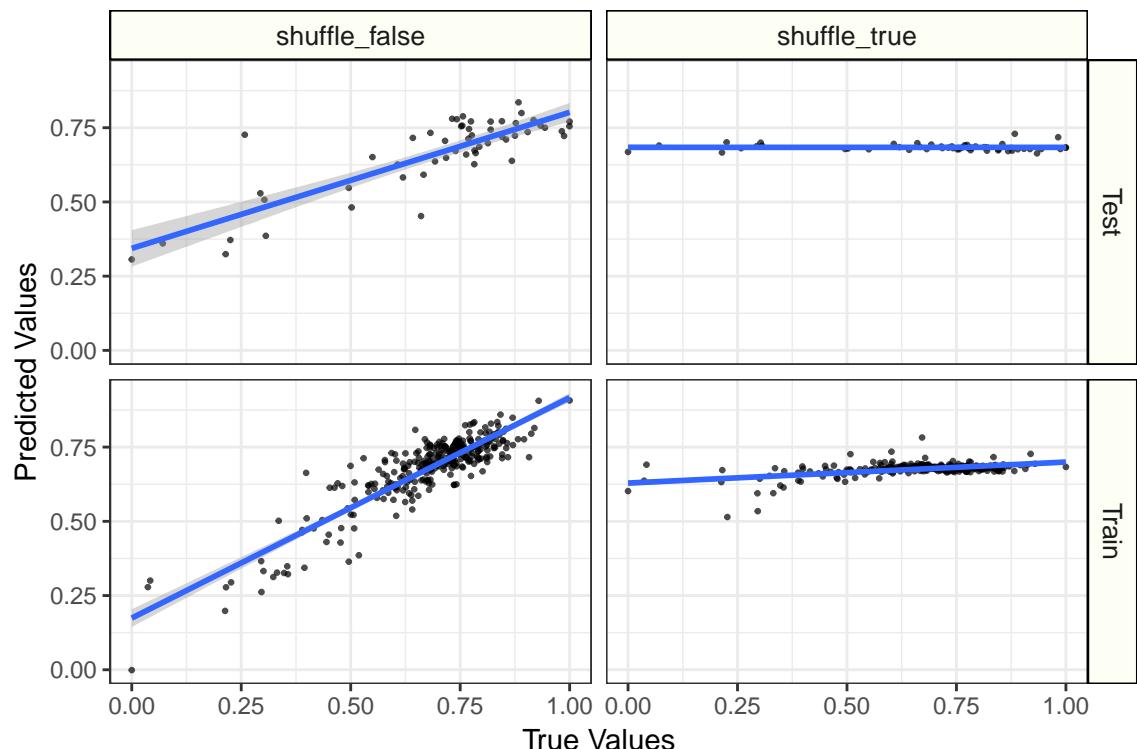


fit	shuffle	transform	r2	mse
Train	Real	raw	0.81	0.15
Test	Real	raw	0.70	0.22
Train	Shuffle	raw	0.10	0.69
Test	Shuffle	raw	-0.01	0.74

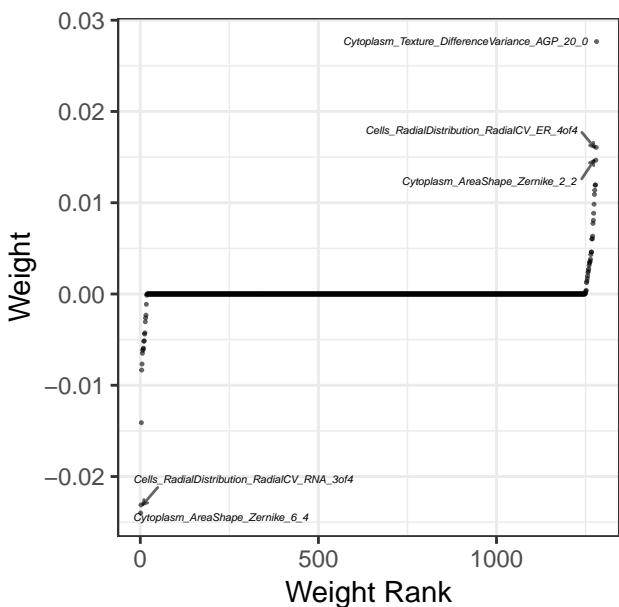


# Performance: vb\_live\_cell\_width\_length

Transform: zero-one

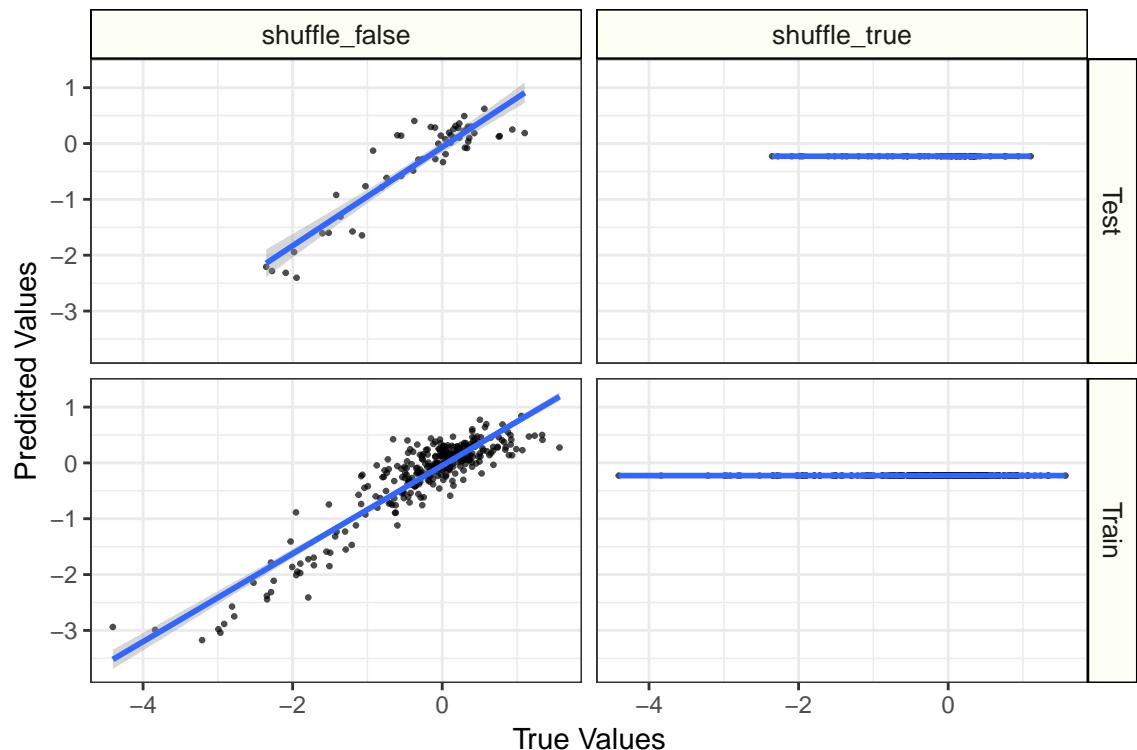


fit	shuffle	transform	r2	mse
Train	Real	zero-one	0.79	0.00
Test	Real	zero-one	0.60	0.02
Train	Shuffle	zero-one	0.12	0.02
Test	Shuffle	zero-one	-0.01	0.06

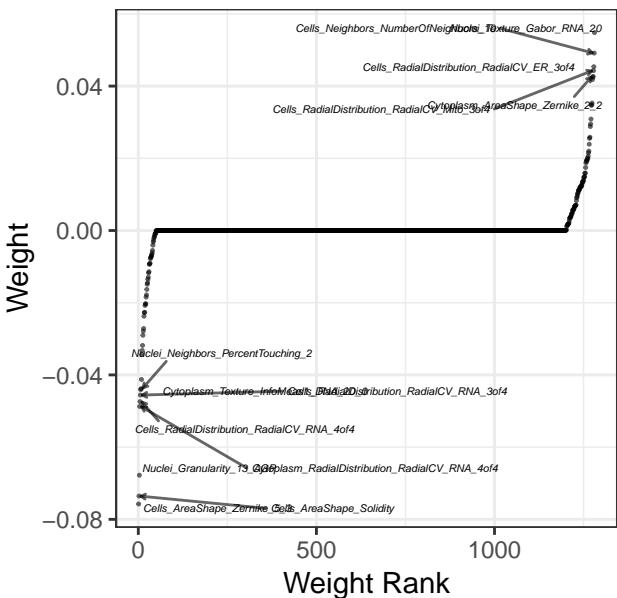


# Performance: vb\_num\_live\_cells

Transform: raw

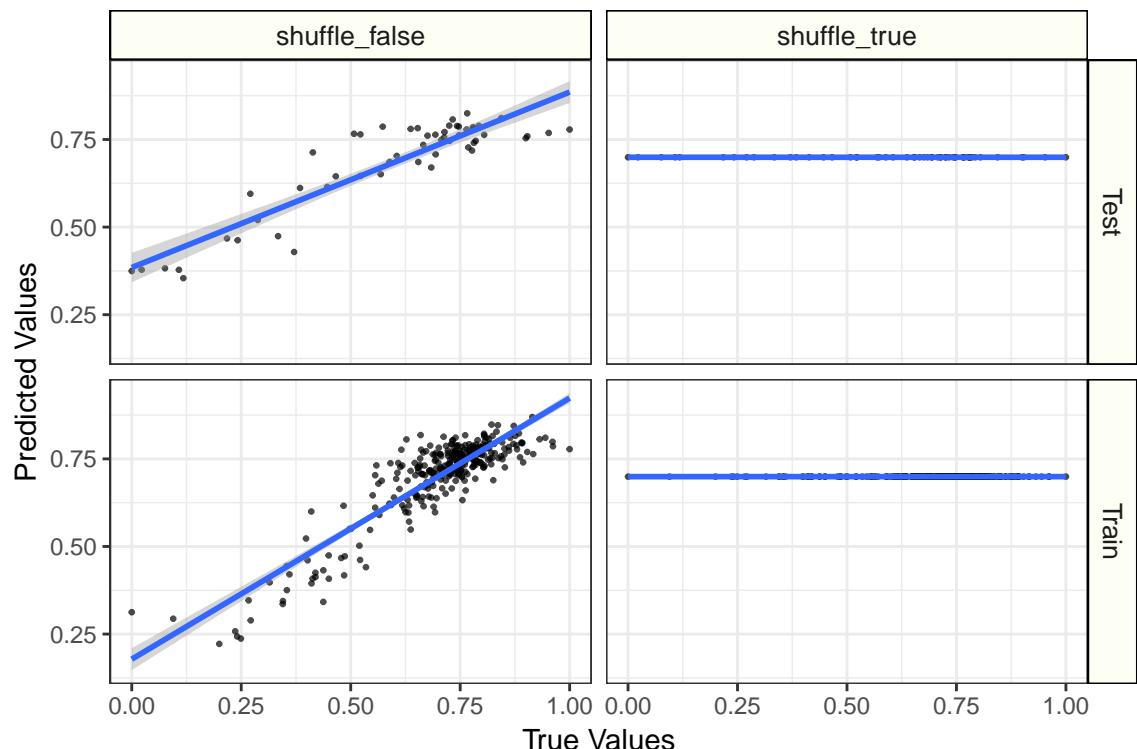


fit	shuffle	transform	r2	mse
Train	Real	raw	0.83	0.13
Test	Real	raw	0.82	0.13
Train	Shuffle	raw	0.00	0.74
Test	Shuffle	raw	-0.01	0.72

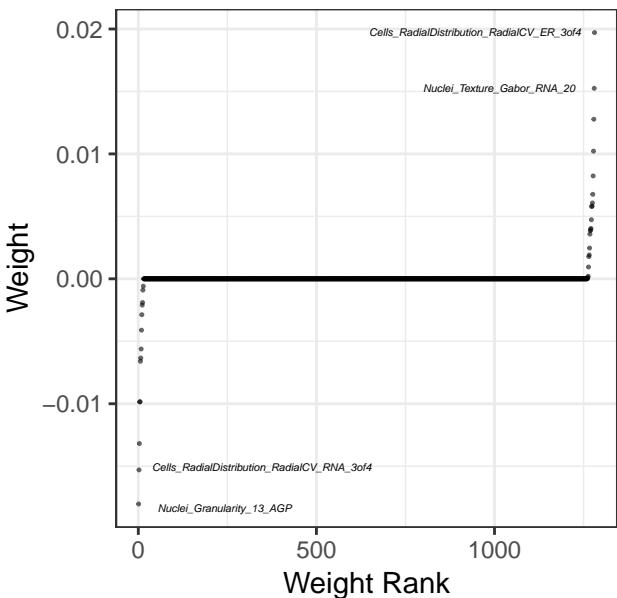


# Performance: vb\_num\_live\_cells

Transform: zero-one

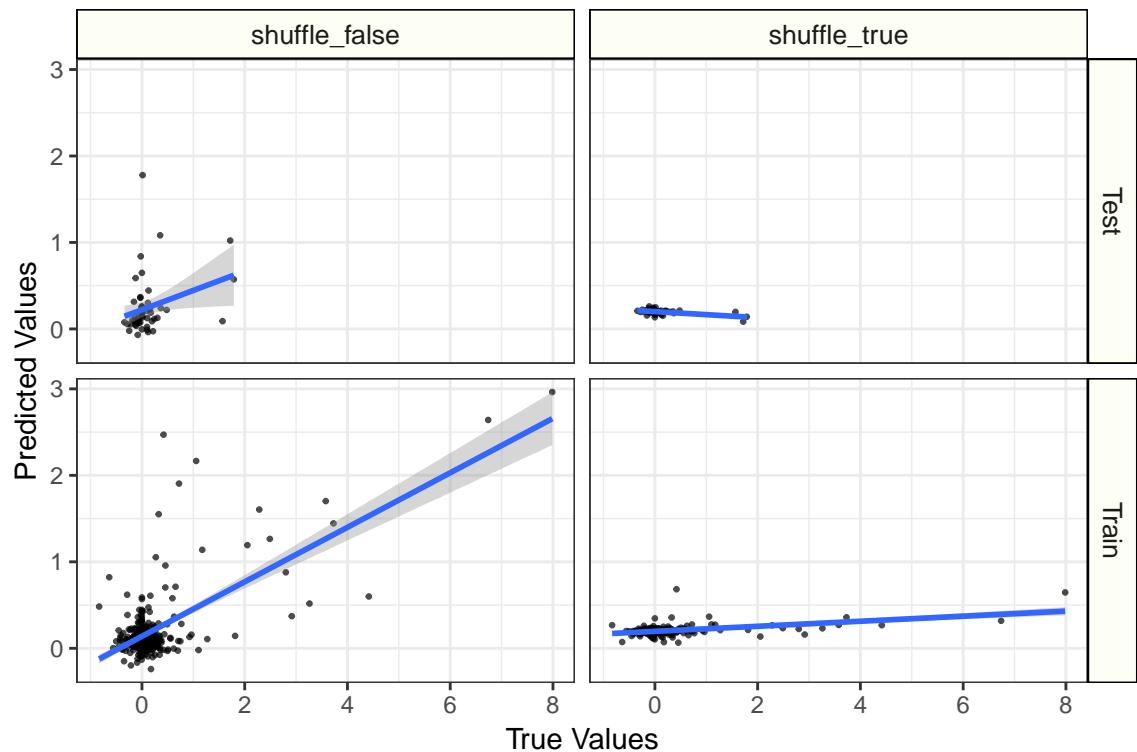


fit	shuffle	transform	r2	mse
Train	Real	zero-one	0.79	0.00
Test	Real	zero-one	0.56	0.03
Train	Shuffle	zero-one	0.00	0.02
Test	Shuffle	zero-one	-0.19	0.07

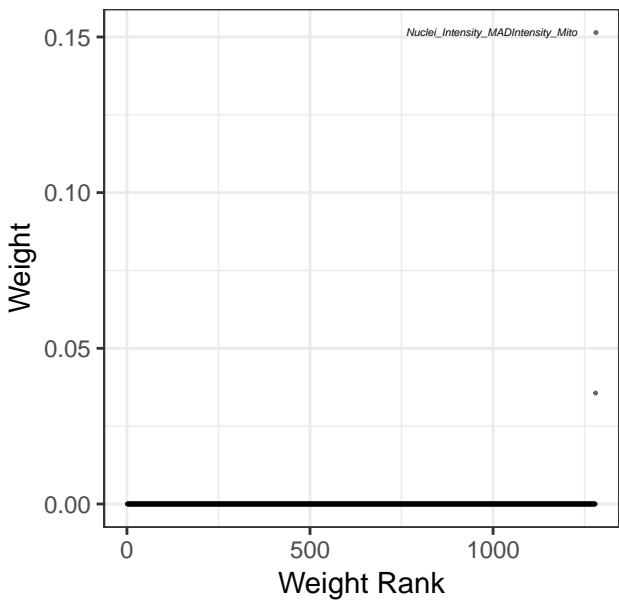


# Performance: vb\_percent\_all\_apoptosis

Transform: raw

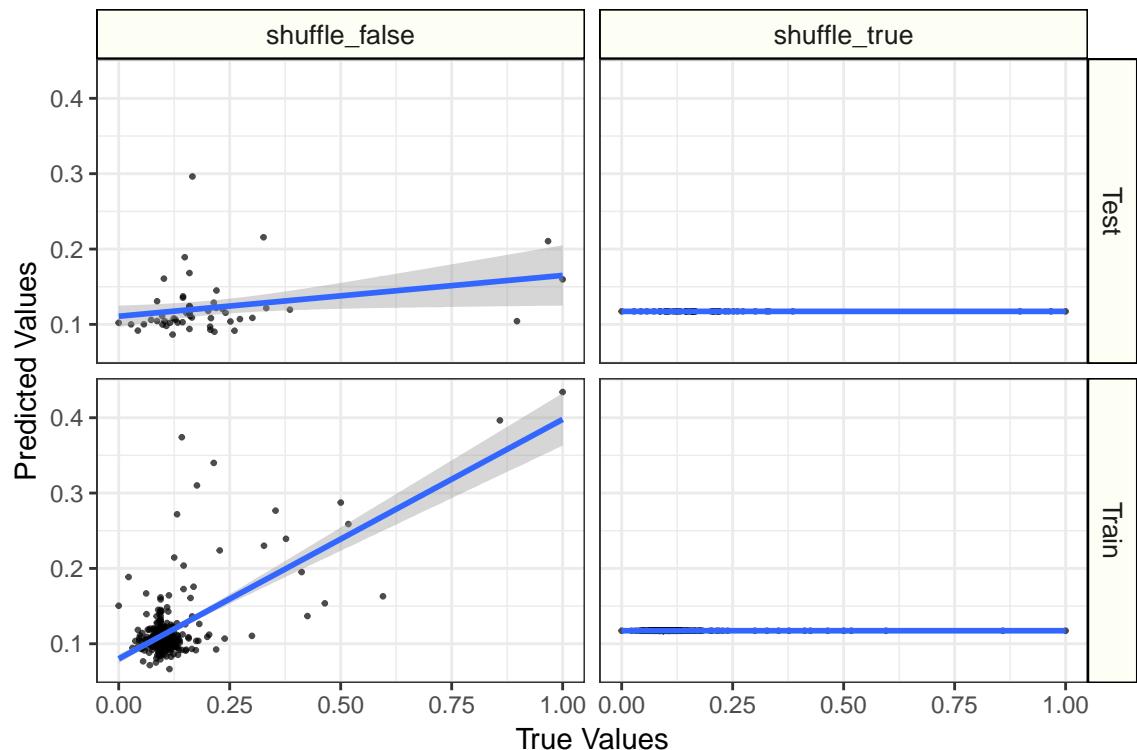


fit	shuffle	transform	r2	mse
Train	Real	raw	0.41	0.41
Test	Real	raw	-0.25	0.22
Train	Shuffle	raw	0.05	0.66
Test	Shuffle	raw	-0.12	0.19

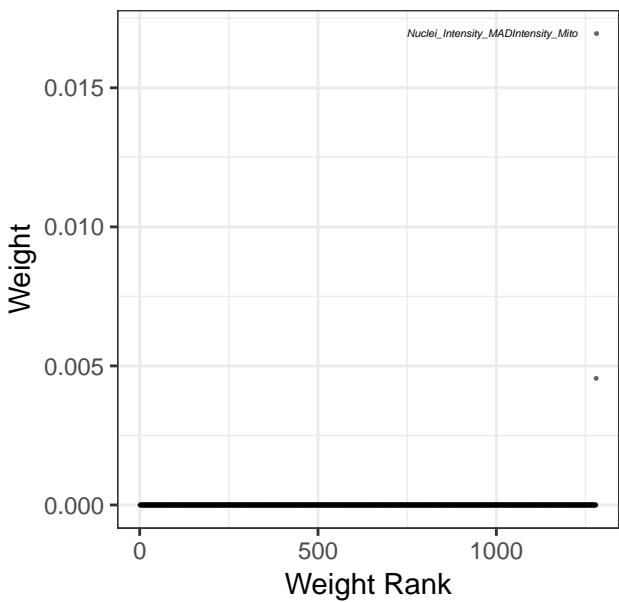


# Performance: vb\_percent\_all\_apoptosis

Transform: zero-one

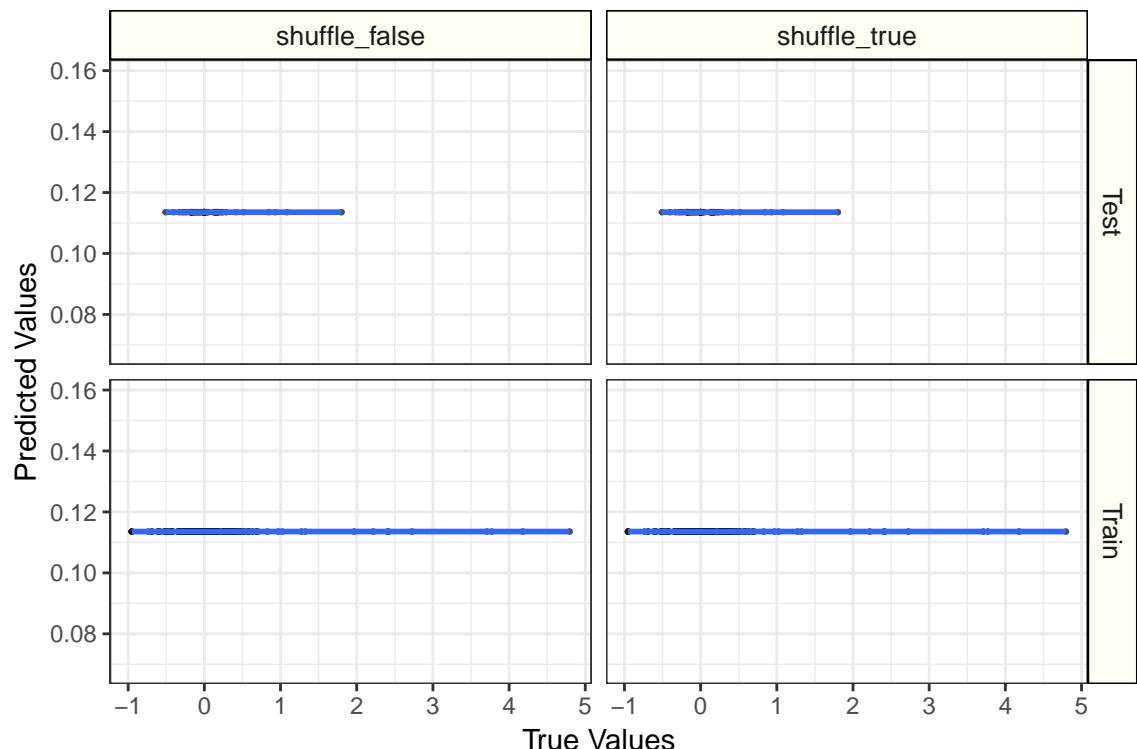


fit	shuffle	transform	r2	mse
Train	Real	zero-one	0.42	0.01
Test	Real	zero-one	-0.13	0.04
Train	Shuffle	zero-one	0.00	0.01
Test	Shuffle	zero-one	-0.22	0.05

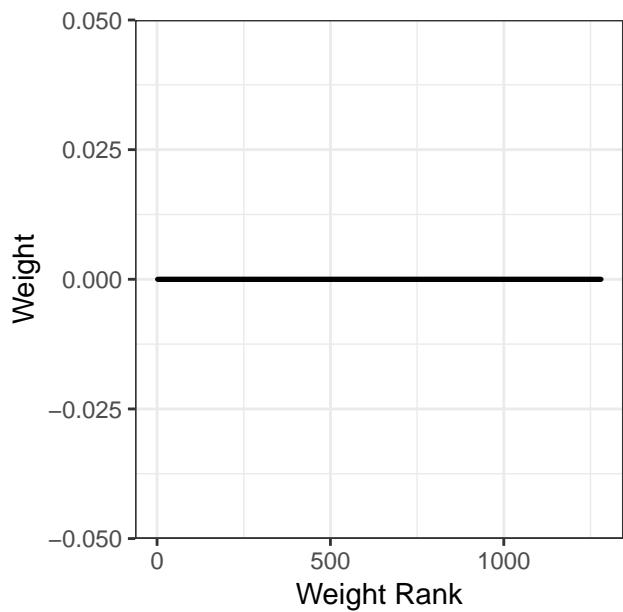


# Performance: vb\_percent\_all\_early\_apoptosis

Transform: raw

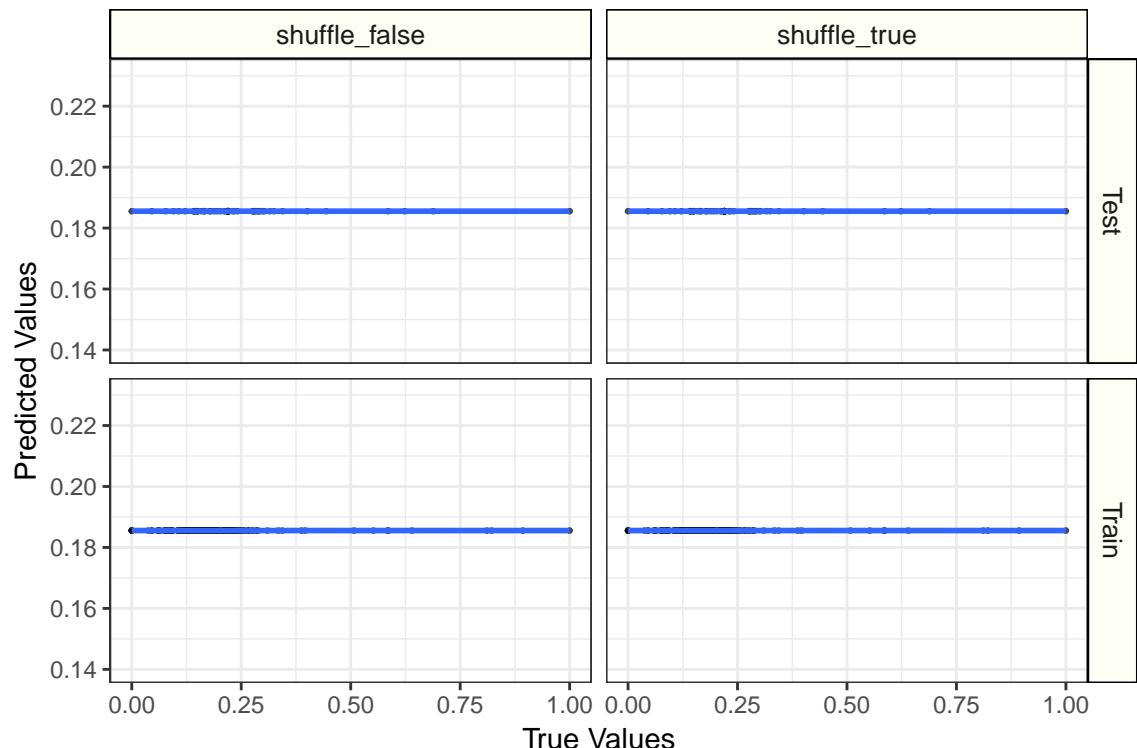


fit	shuffle	transform	r2	mse
Train	Real	raw	0.00	0.39
Test	Real	raw	-0.01	0.14
Train	Shuffle	raw	0.00	0.39
Test	Shuffle	raw	-0.01	0.14

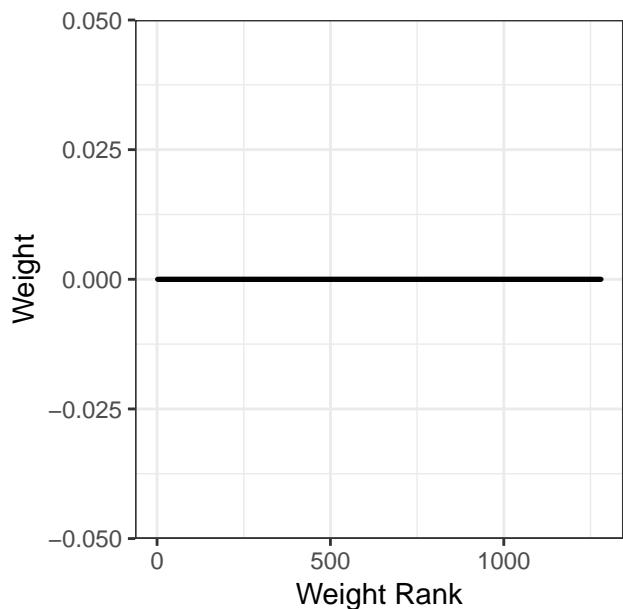


# Performance: vb\_percent\_all\_early\_apoptosis

Transform: zero-one

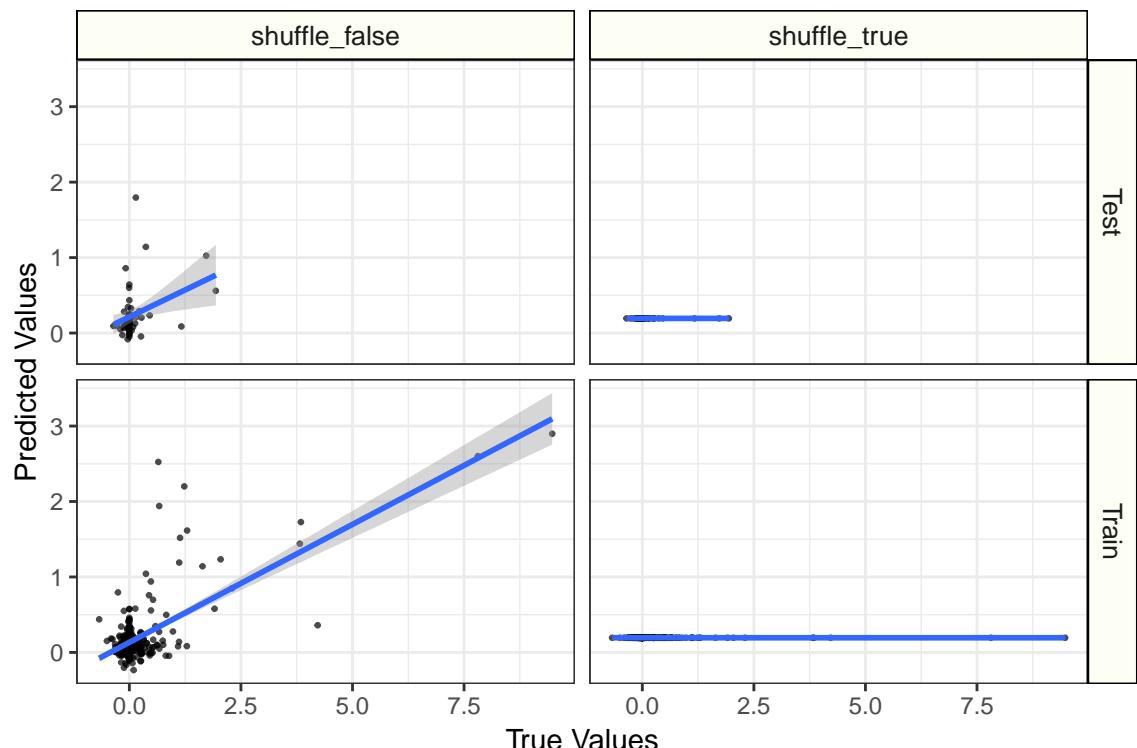


fit	shuffle	transform	r2	mse
Train	Real	zero-one	0.00	0.01
Test	Real	zero-one	-0.17	0.03
Train	Shuffle	zero-one	0.00	0.01
Test	Shuffle	zero-one	-0.17	0.03

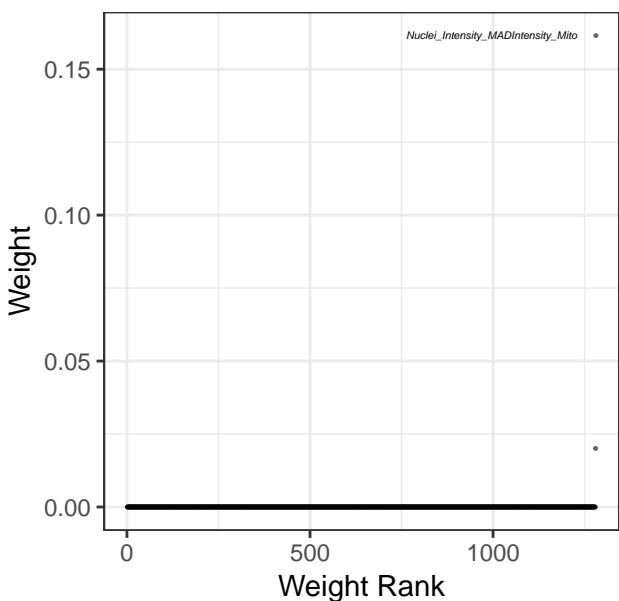


# Performance: vb\_percent\_all\_late\_apoptosis

Transform: raw

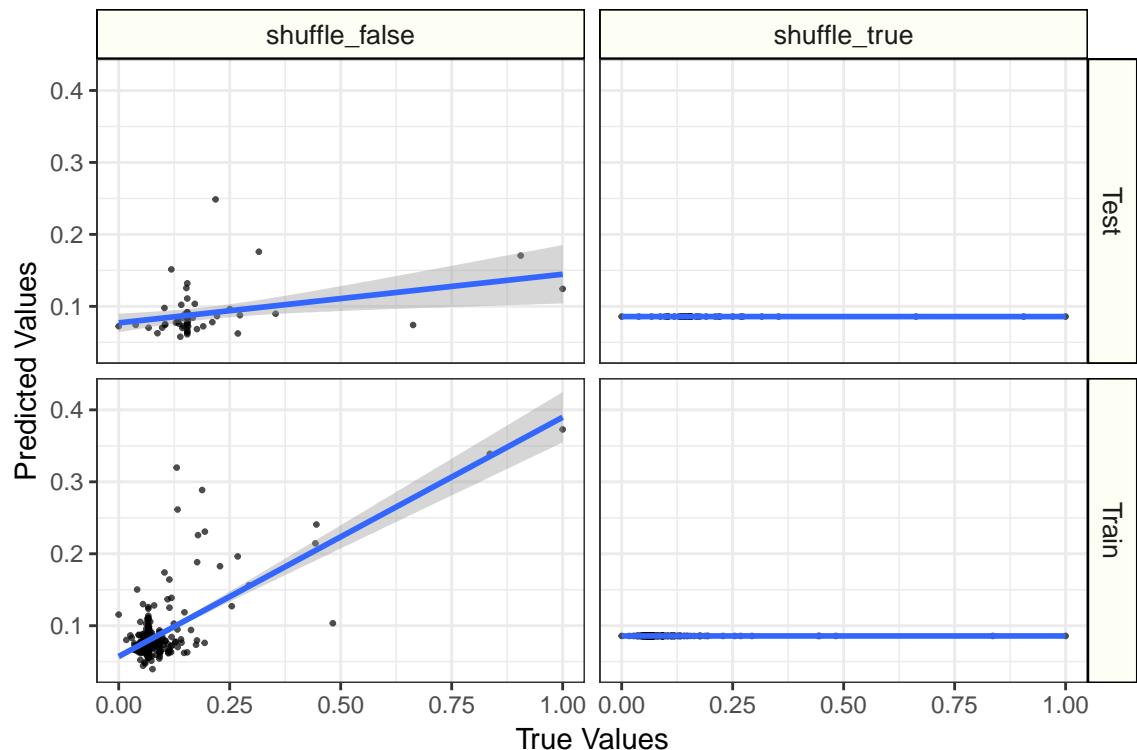


fit	shuffle	transform	r2	mse
Train	Real	raw	0.42	0.43
Test	Real	raw	-0.23	0.19
Train	Shuffle	raw	0.00	0.75
Test	Shuffle	raw	-0.06	0.17

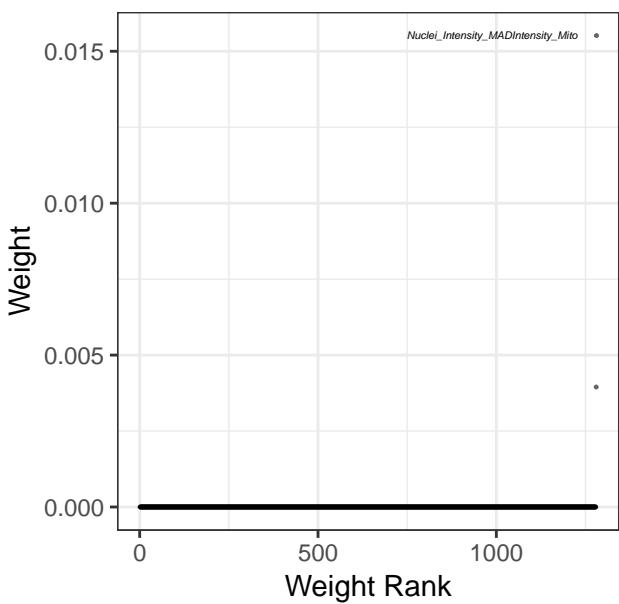


# Performance: vb\_percent\_all\_late\_apoptosis

Transform: zero-one

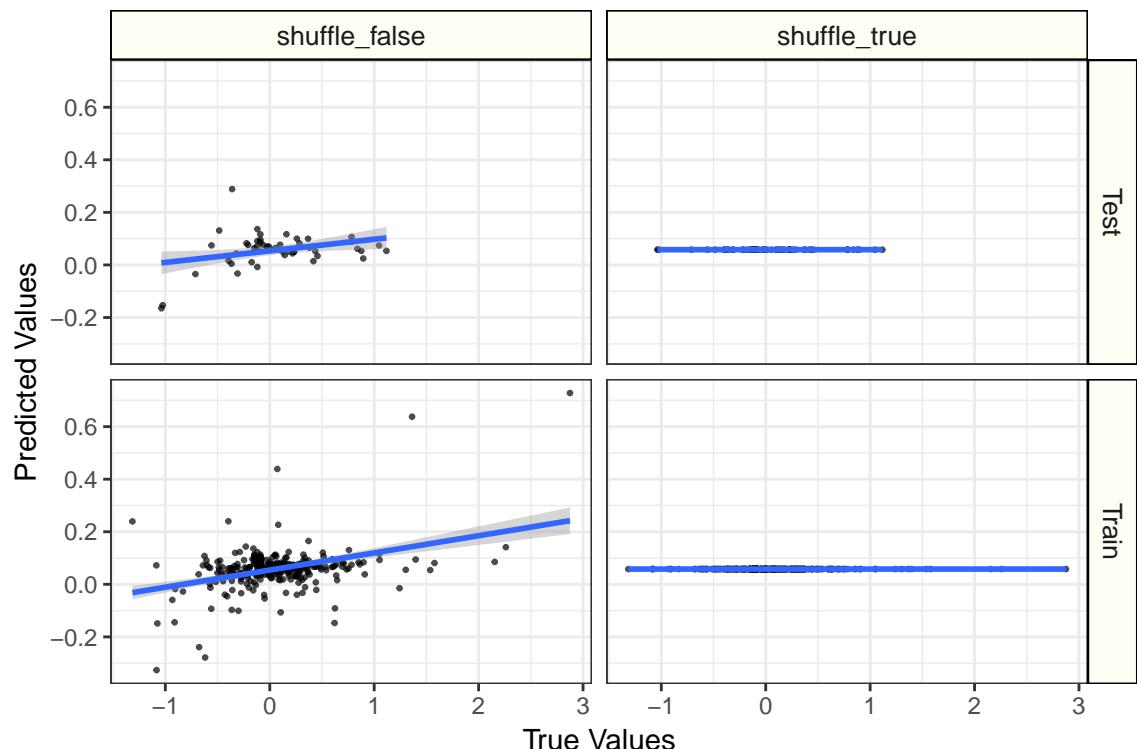


fit	shuffle	transform	r2	mse
Train	Real	zero-one	0.44	0.00
Test	Real	zero-one	-0.27	0.04
Train	Shuffle	zero-one	0.00	0.01
Test	Shuffle	zero-one	-0.40	0.04

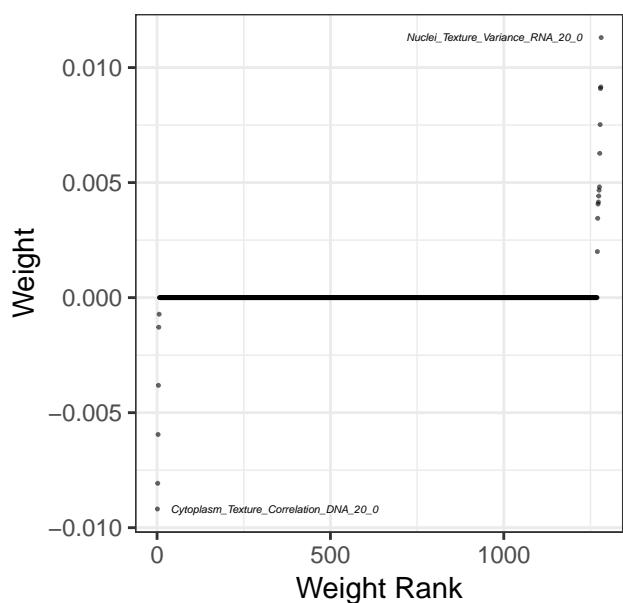


# Performance: vb\_percent\_caspase\_dead\_only

Transform: raw

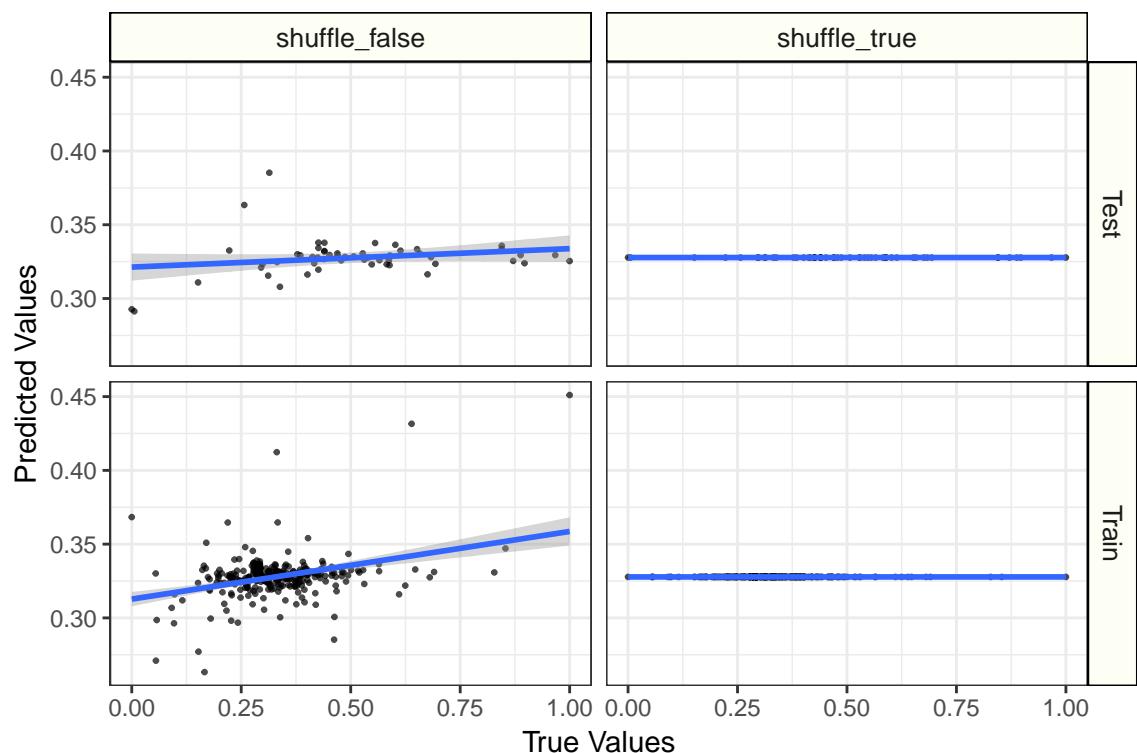


fit	shuffle	transform	r2	mse
Train	Real	raw	0.10	0.21
Test	Real	raw	0.07	0.19
Train	Shuffle	raw	0.00	0.23
Test	Shuffle	raw	0.00	0.21

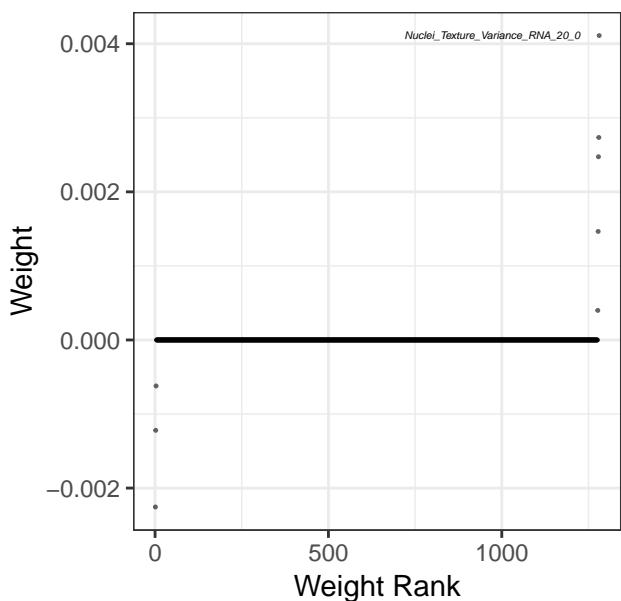


# Performance: vb\_percent\_caspase\_dead\_only

## Transform: zero-one

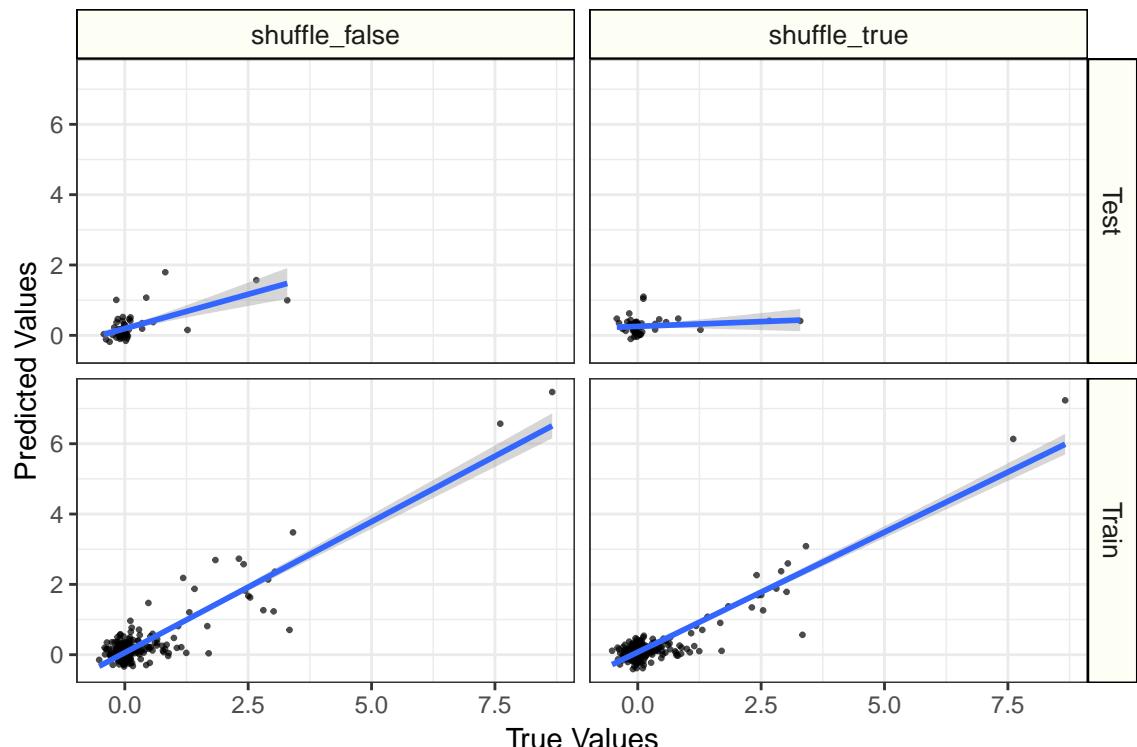


fit	shuffle	transform	r2	mse
Train	Real	zero-one	0.07	0.01
Test	Real	zero-one	-0.69	0.08
Train	Shuffle	zero-one	0.00	0.01
Test	Shuffle	zero-one	-0.71	0.08

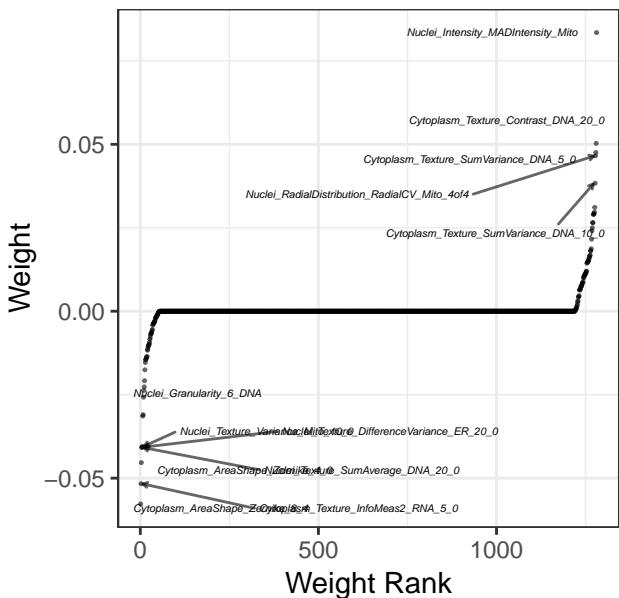


# Performance: vb\_percent\_dead

Transform: raw

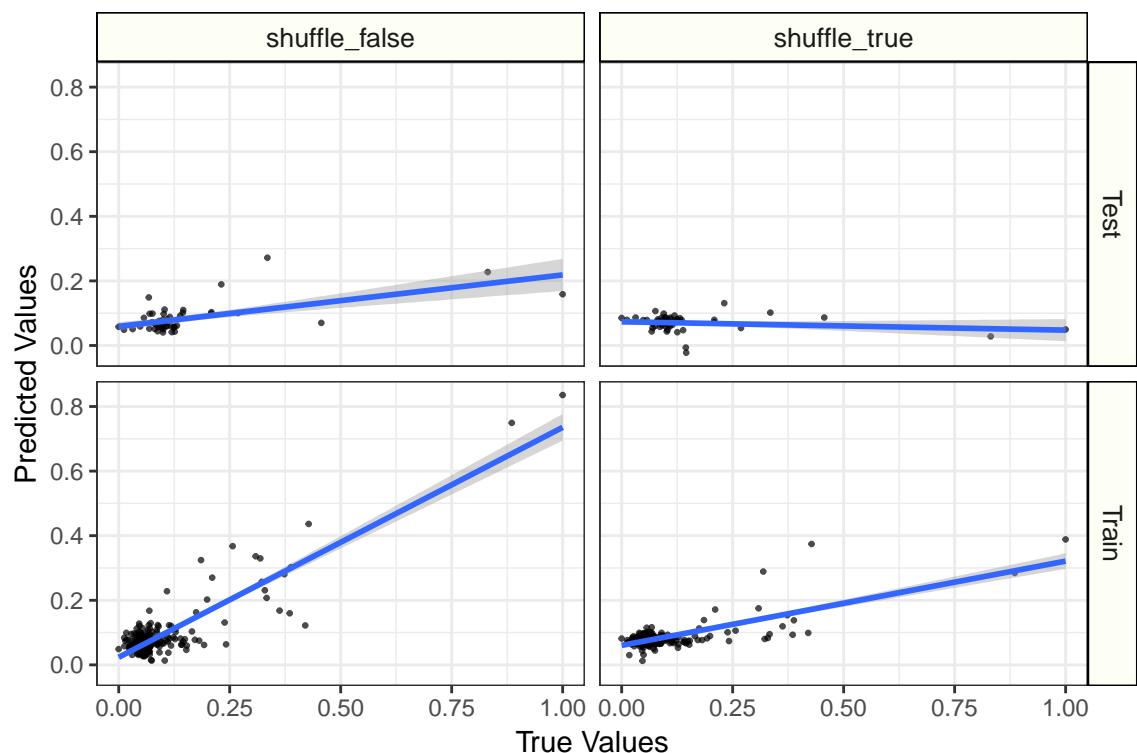


fit	shuffle	transform	r2	mse
Train	Real	raw	0.80	0.16
Test	Real	raw	0.35	0.25
Train	Shuffle	raw	0.81	0.15
Test	Shuffle	raw	-0.07	0.42

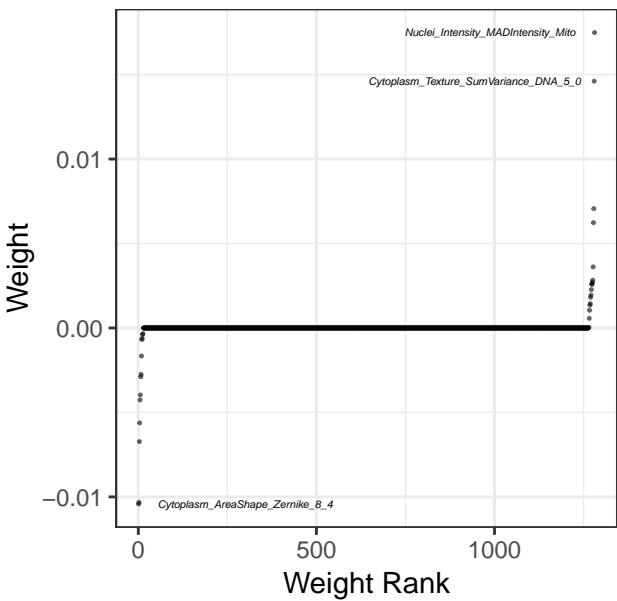


# Performance: vb\_percent\_dead

Transform: zero-one

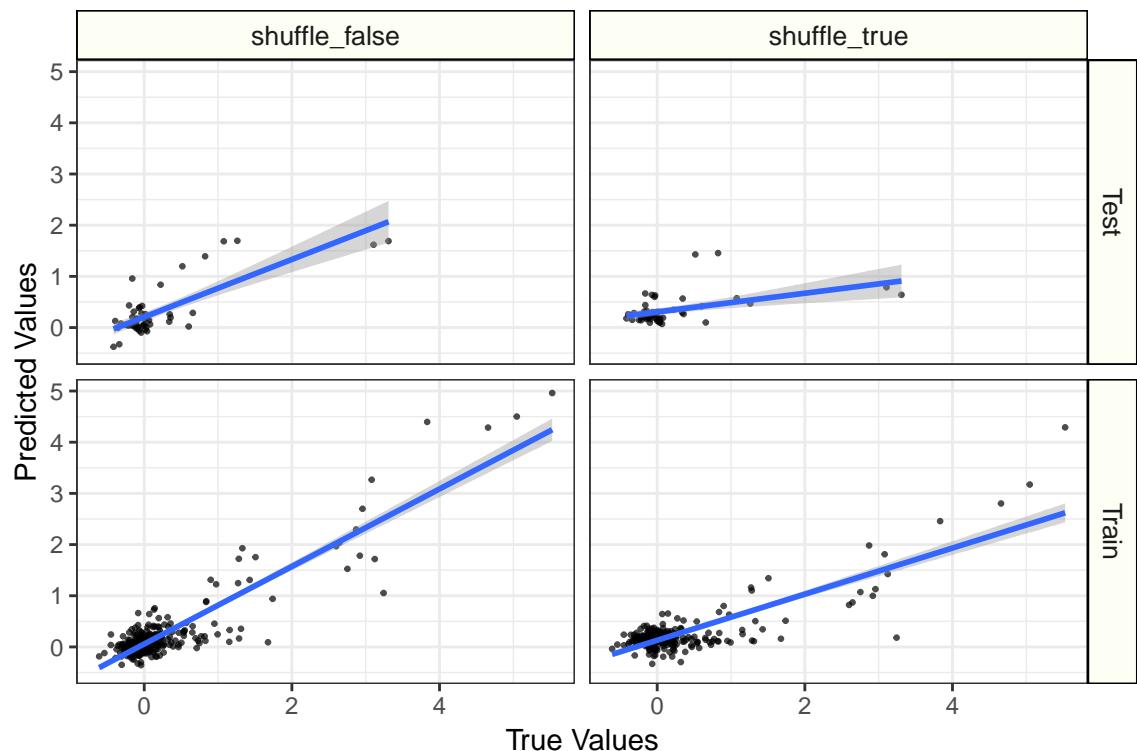


fit	shuffle	transform	r2	mse
Train	Real	zero-one	0.76	0.00
Test	Real	zero-one	0.11	0.03
Train	Shuffle	zero-one	0.40	0.01
Test	Shuffle	zero-one	-0.28	0.04

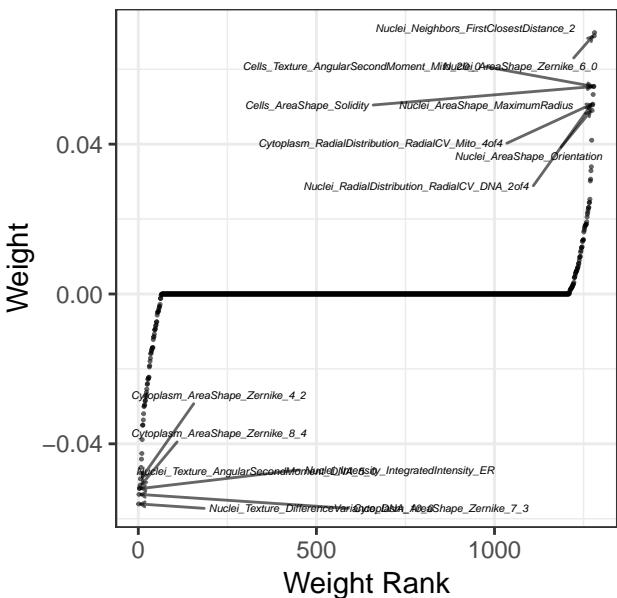


# Performance: vb\_percent\_dead\_only

Transform: raw

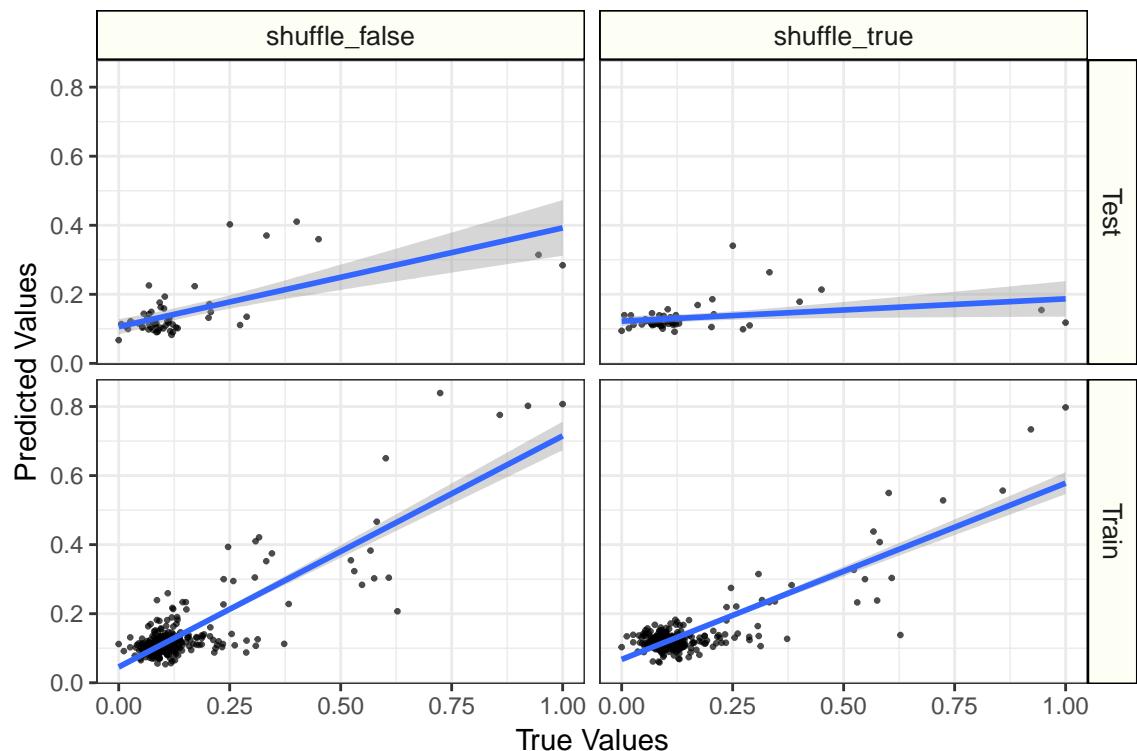


fit	shuffle	transform	r2	mse
Train	Real	raw	0.81	0.12
Test	Real	raw	0.56	0.21
Train	Shuffle	raw	0.61	0.25
Test	Shuffle	raw	0.13	0.41

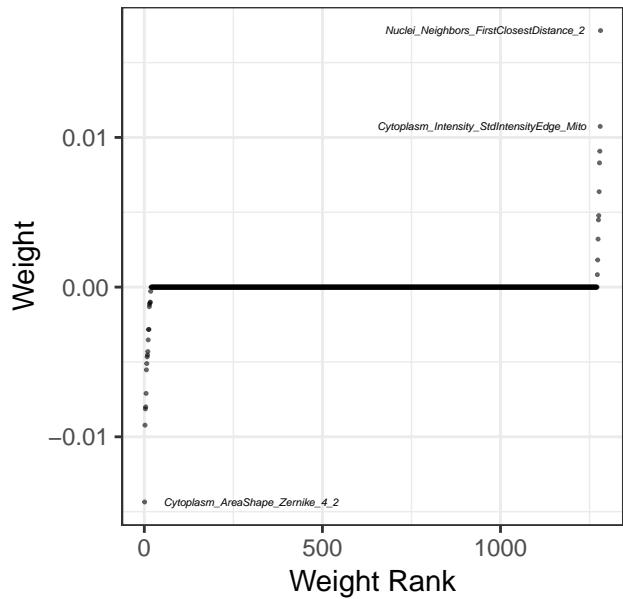


# Performance: vb\_percent\_dead\_only

Transform: zero-one

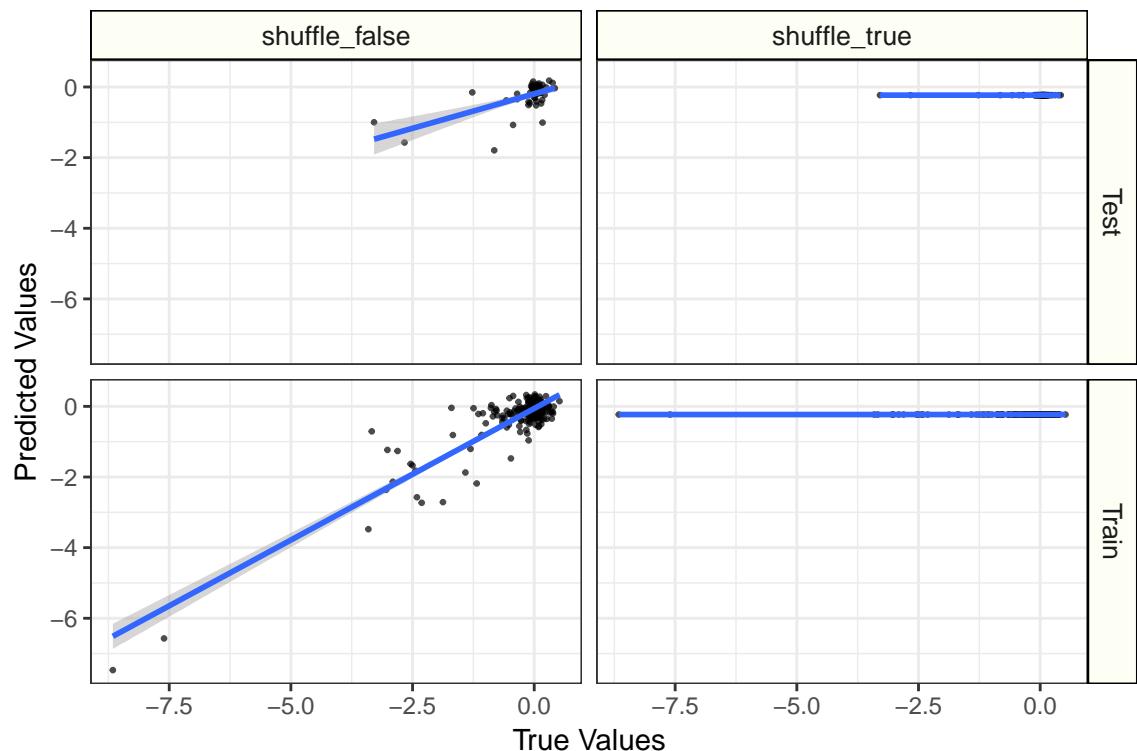


fit	shuffle	transform	r2	mse
Train	Real	zero-one	0.71	0.00
Test	Real	zero-one	0.38	0.02
Train	Shuffle	zero-one	0.66	0.01
Test	Shuffle	zero-one	0.07	0.03

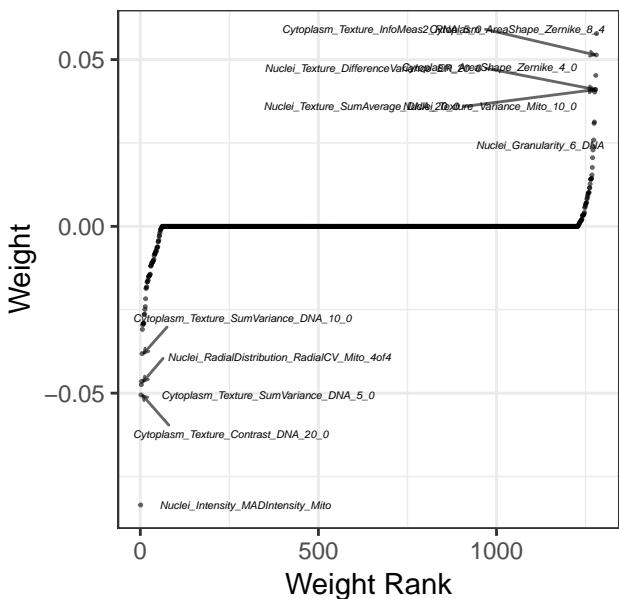


# Performance: vb\_percent\_live

Transform: raw

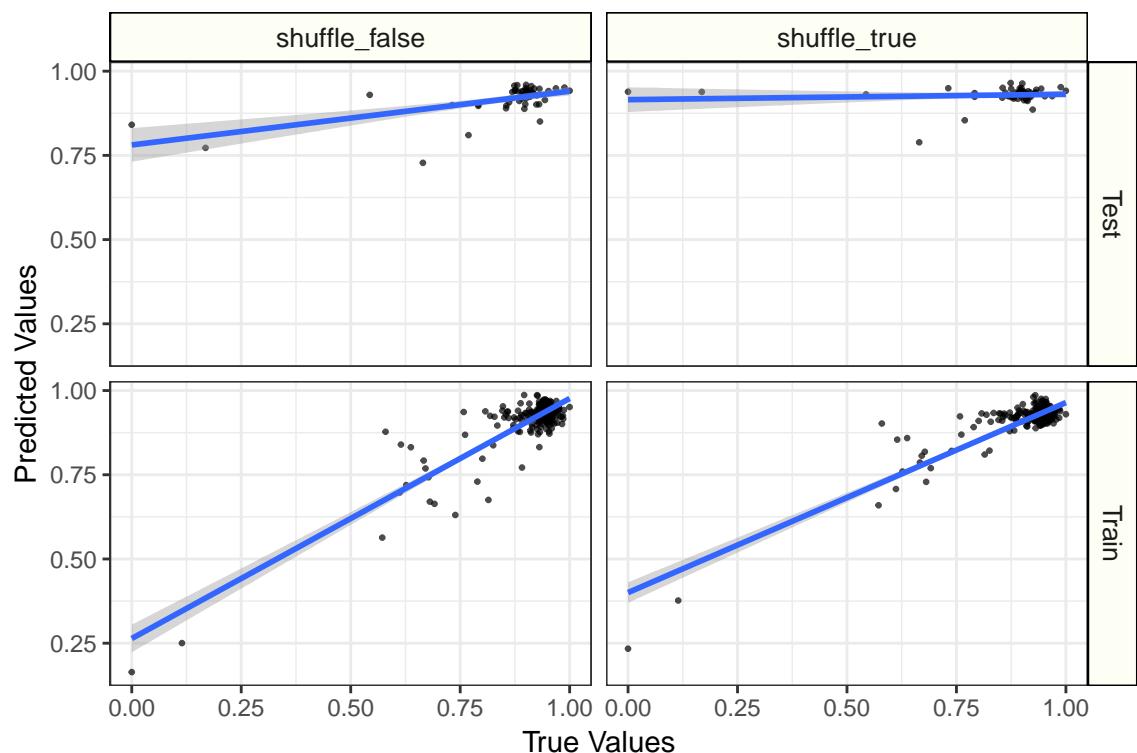


fit	shuffle	transform	r2	mse
Train	Real	raw	0.80	0.16
Test	Real	raw	0.35	0.25
Train	Shuffle	raw	0.00	0.79
Test	Shuffle	raw	-0.03	0.40

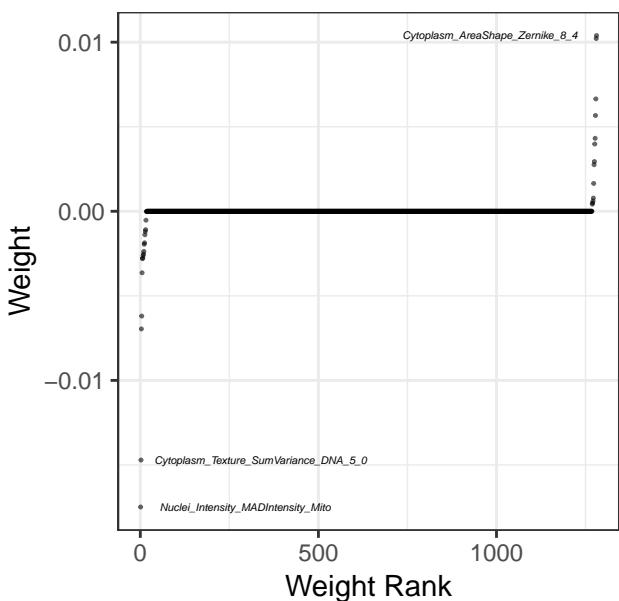


# Performance: vb\_percent\_live

Transform: zero-one

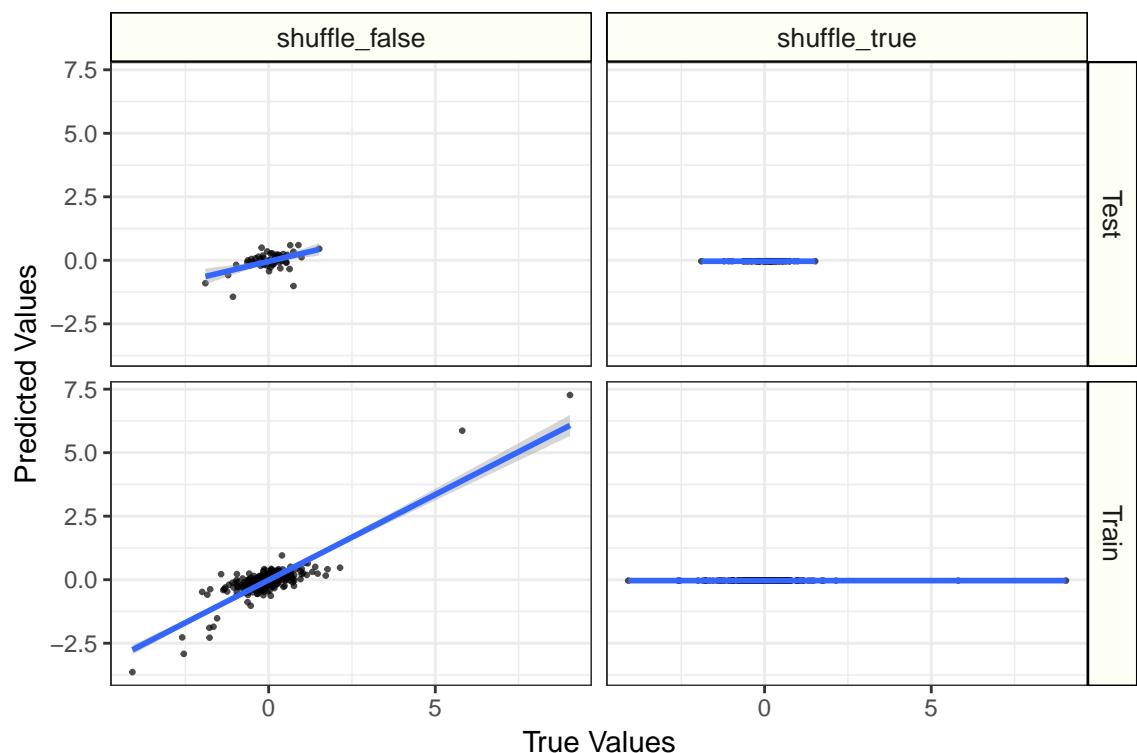


fit	shuffle	transform	r2	mse
Train	Real	zero-one	0.76	0.00
Test	Real	zero-one	0.11	0.03
Train	Shuffle	zero-one	0.72	0.00
Test	Shuffle	zero-one	-0.19	0.03

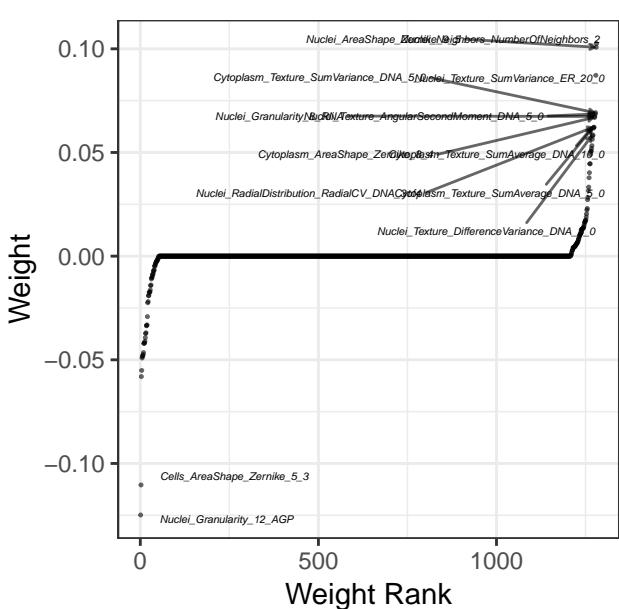


# Performance: vb\_ros\_back\_mean

Transform: raw

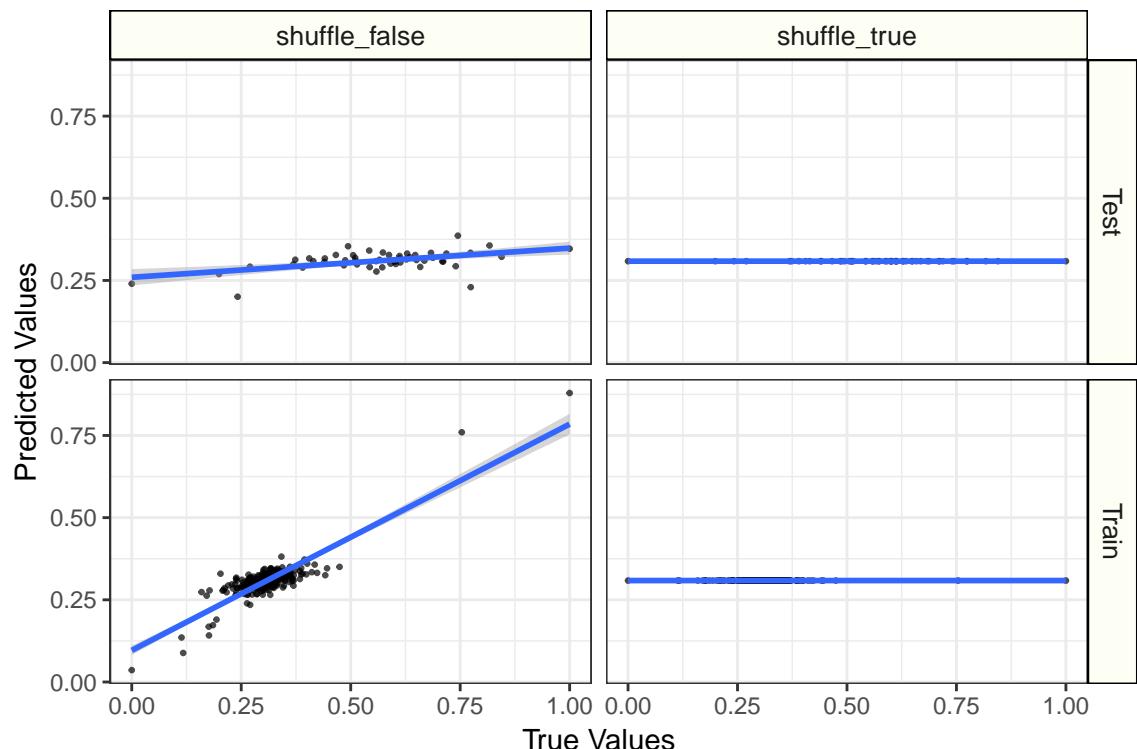


fit	shuffle	transform	r2	mse
Train	Real	raw	0.74	0.22
Test	Real	raw	0.22	0.26
Train	Shuffle	raw	0.00	0.85
Test	Shuffle	raw	-0.01	0.34

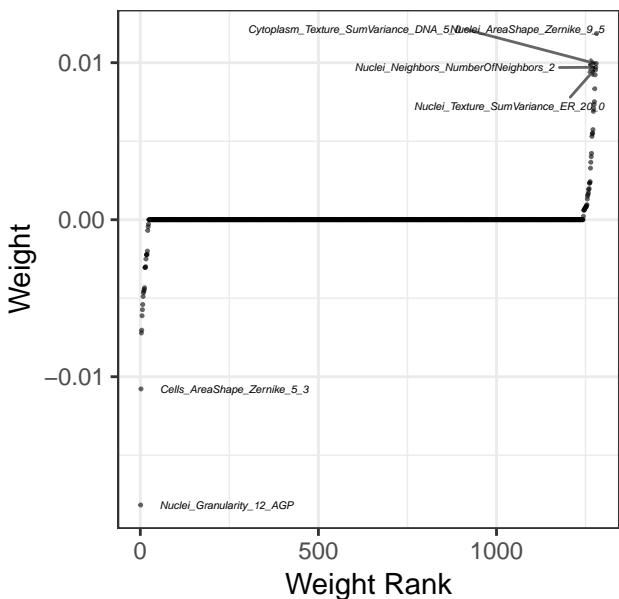


# Performance: vb\_ros\_back\_mean

Transform: zero-one

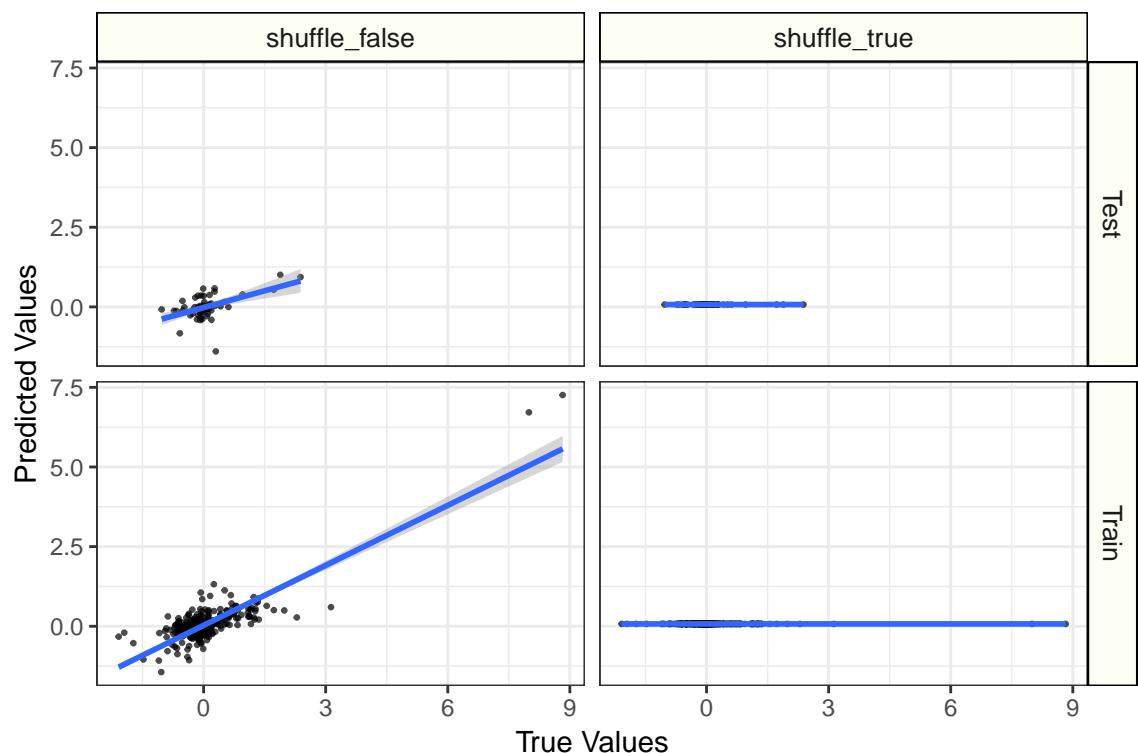


fit	shuffle	transform	r2	mse
Train	Real	zero-one	0.75	0.00
Test	Real	zero-one	-2.16	0.09
Train	Shuffle	zero-one	0.00	0.00
Test	Shuffle	zero-one	-2.33	0.09

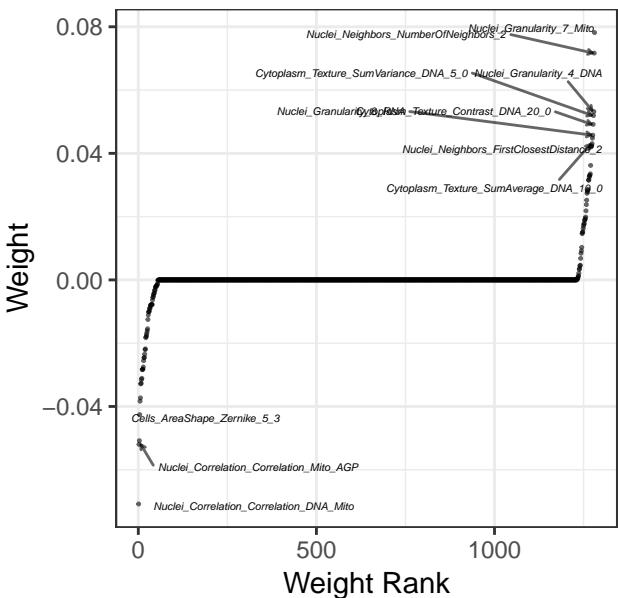


# Performance: vb\_ros\_mean

Transform: raw

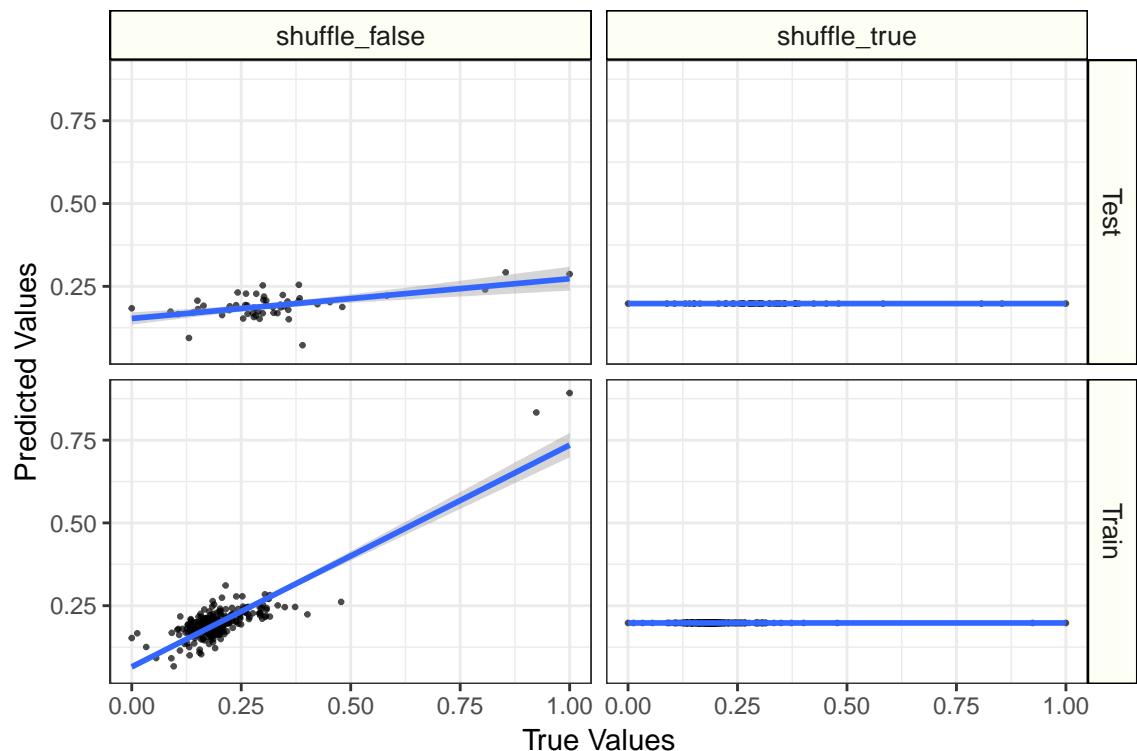


fit	shuffle	transform	r2	mse
Train	Real	raw	0.70	0.25
Test	Real	raw	0.26	0.25
Train	Shuffle	raw	0.00	0.85
Test	Shuffle	raw	0.00	0.34



# Performance: vb\_ros\_mean

Transform: zero-one



fit	shuffle	transform	r2	mse
Train	Real	zero-one	0.74	0.00
Test	Real	zero-one	-0.38	0.04
Train	Shuffle	zero-one	0.00	0.01
Test	Shuffle	zero-one	-0.51	0.04

