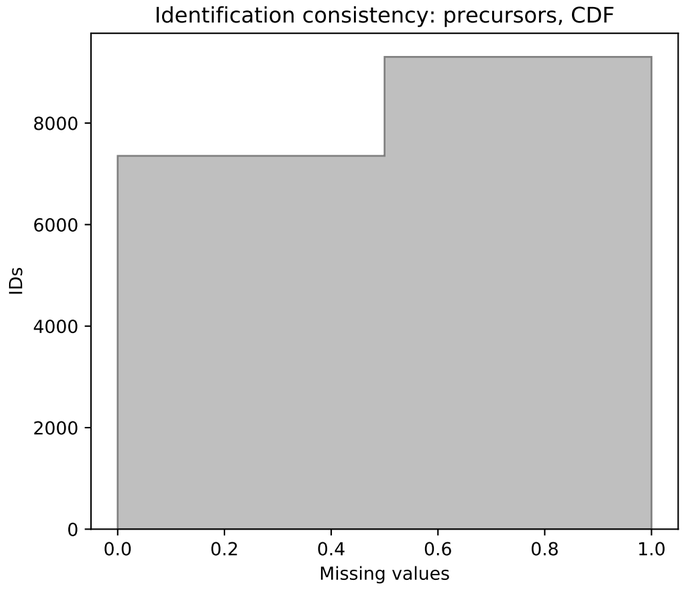
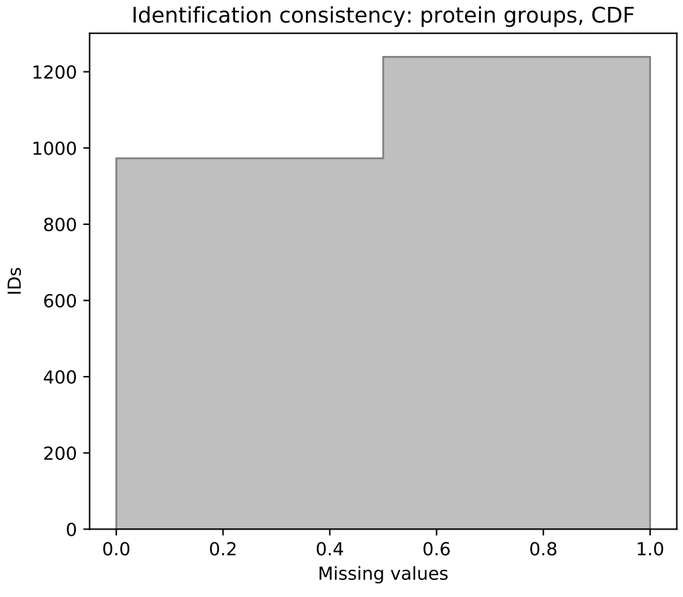
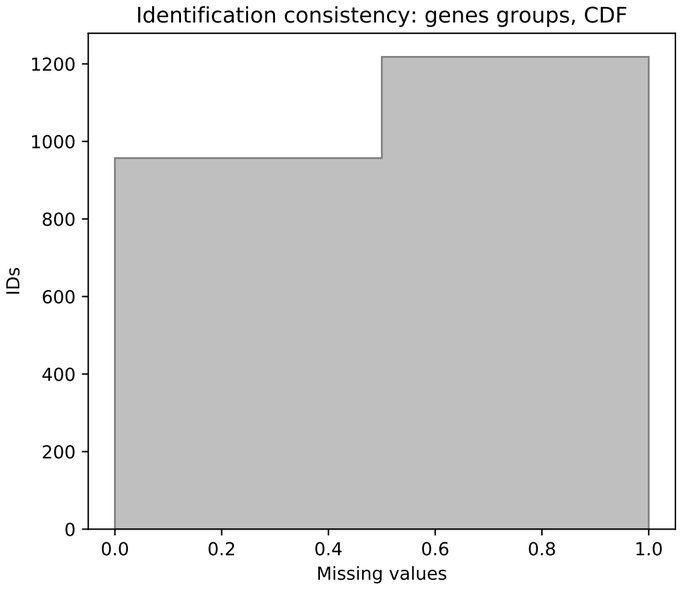
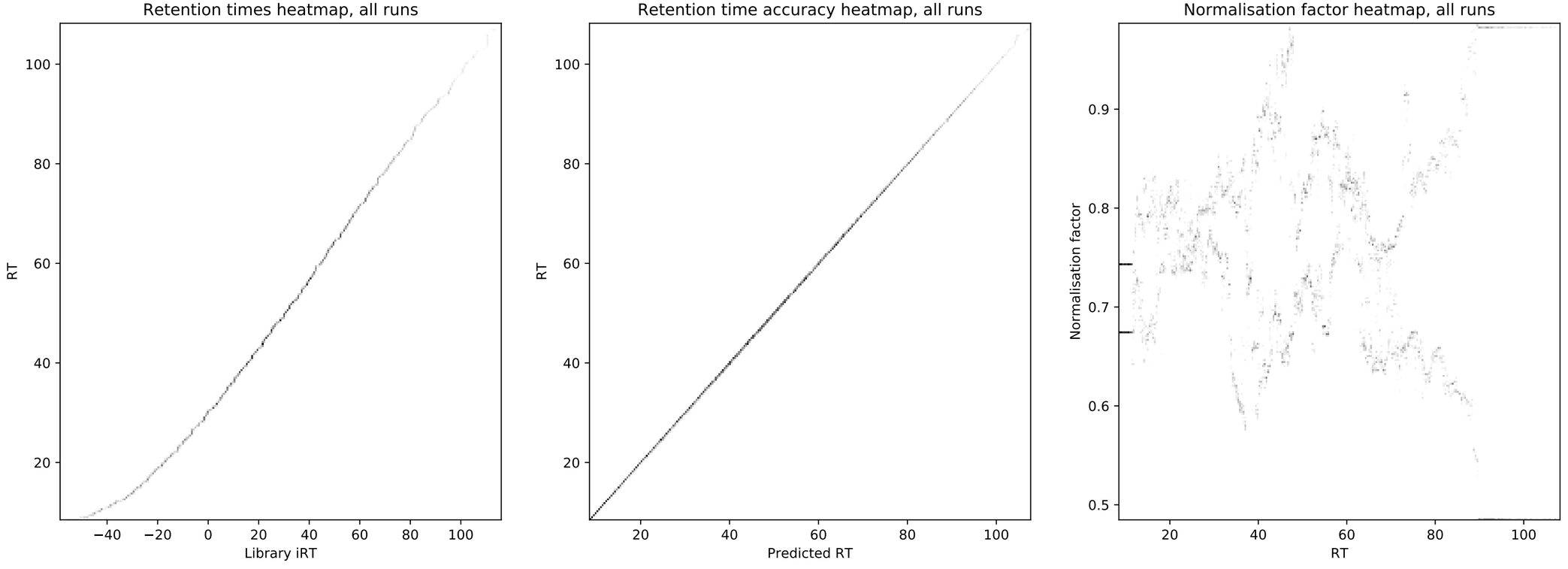
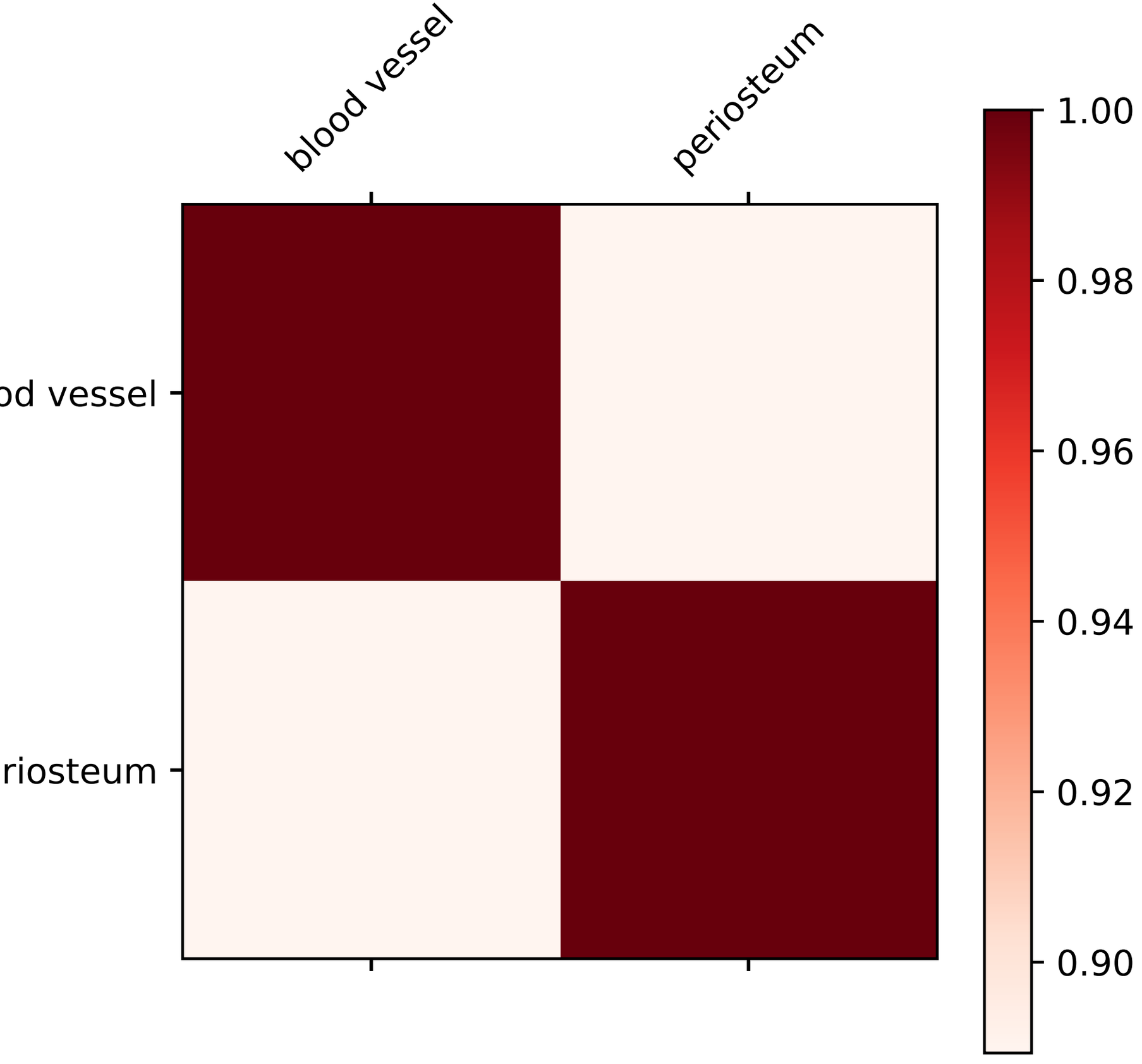
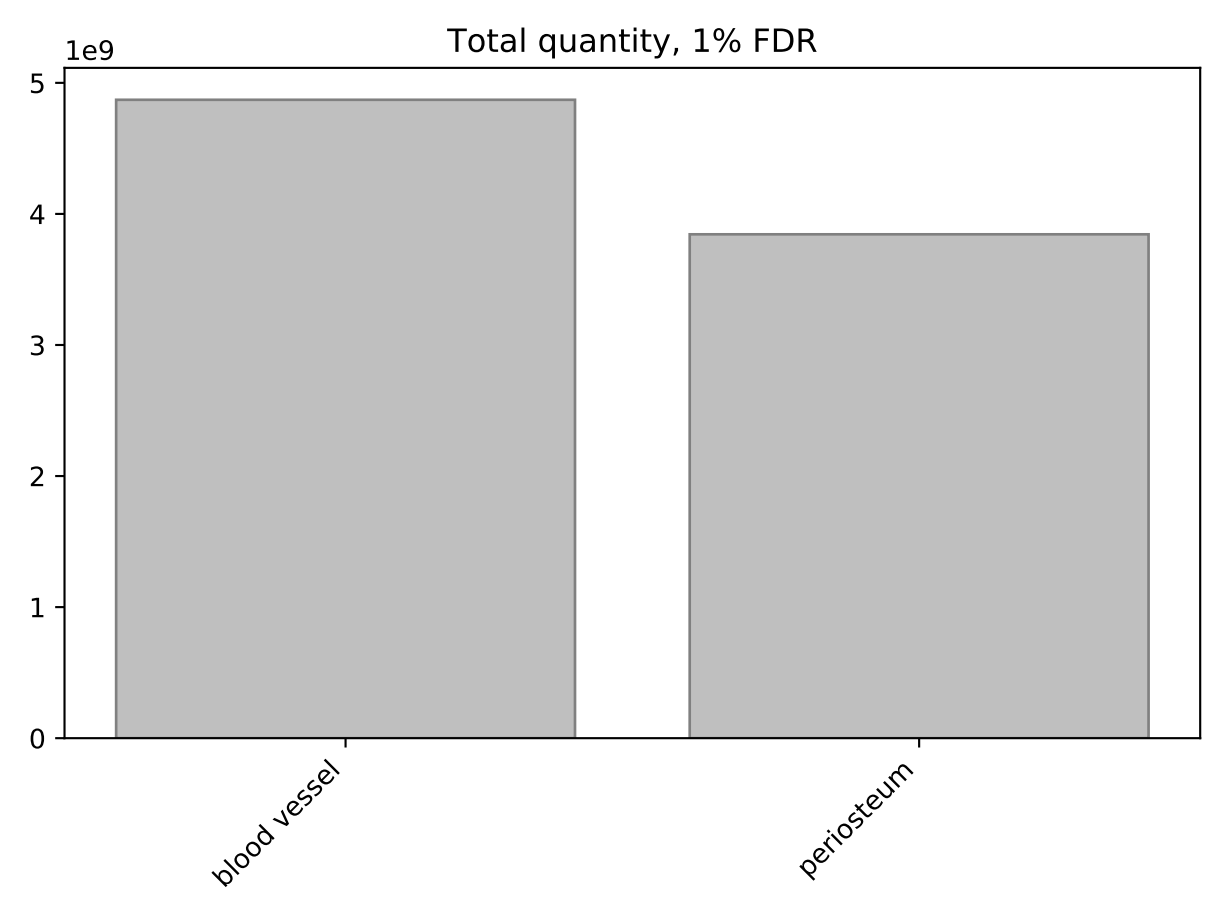

Identification consistency: precursors, CDF
IDs
Missing values
0
2000
4000
6000
8000
0.0
0.2
0.4
0.6
0.8
1.0

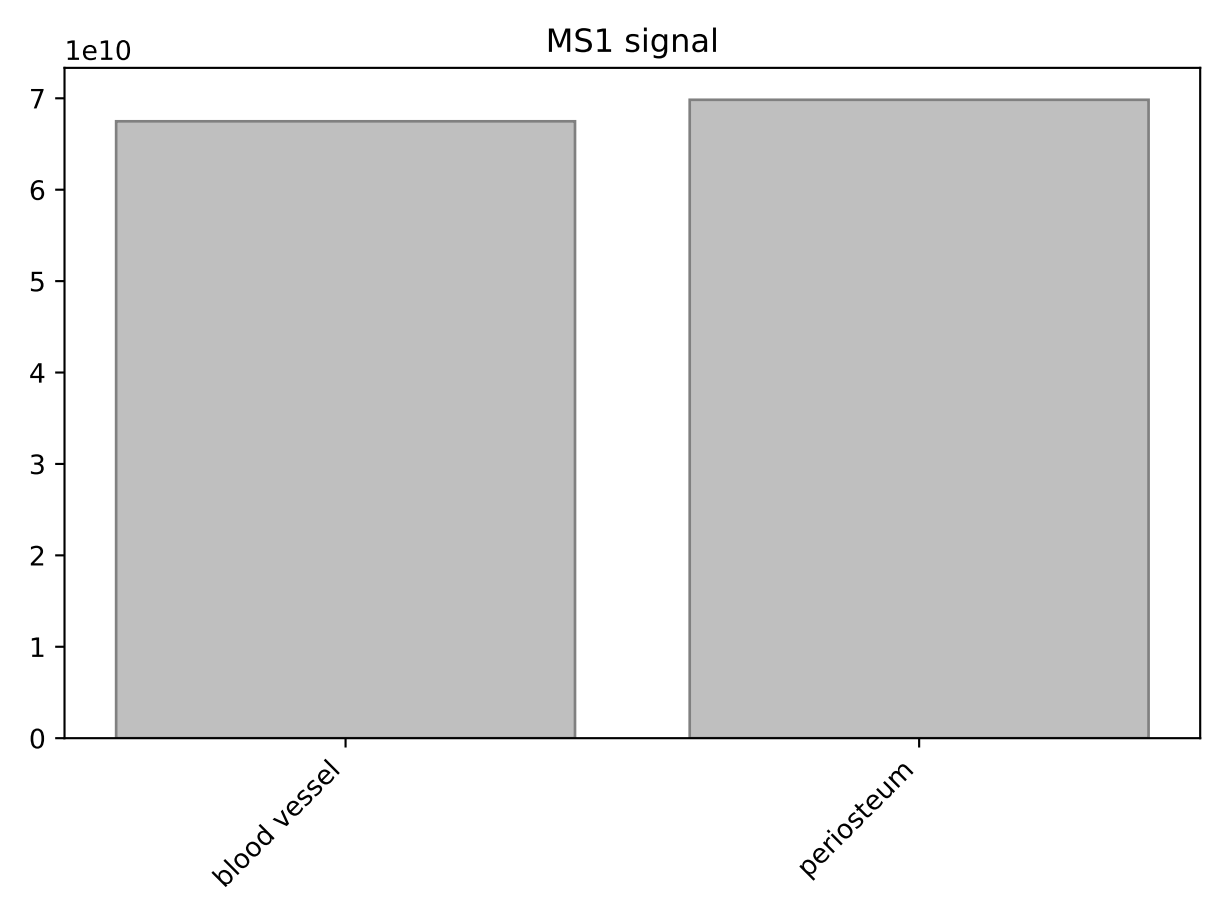

Identification consistency: protein groups, CDF
IDs
Missing values
0
200
400
600
800
1000
1200
0.0
0.2
0.4
0.6
0.8
1.0

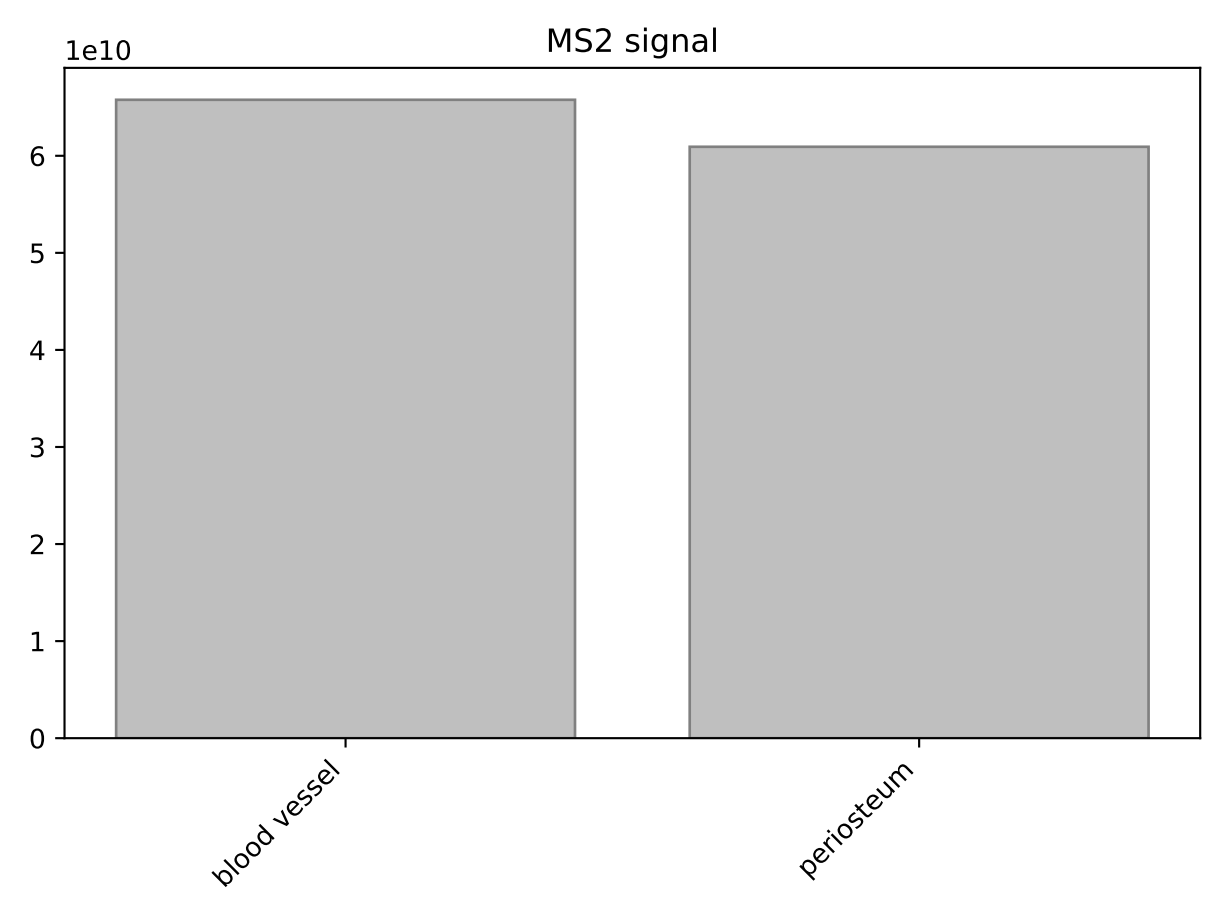

Identification consistency: genes groups, CDF
IDs
Missing values
0
200
400
600
800
1000
1200
0.0
0.2
0.4
0.6
0.8
1.0

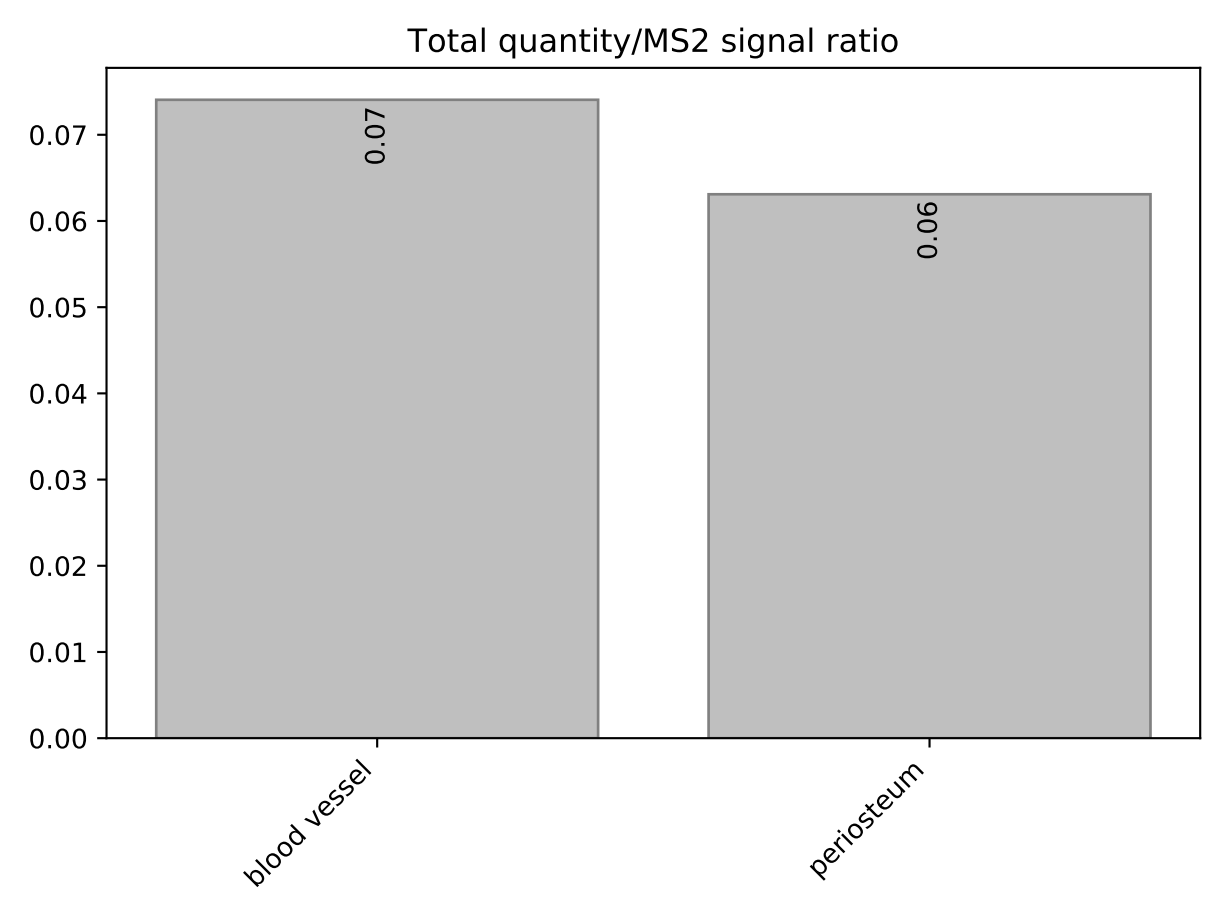

Retention times heatmap, all runs
RT
Library iRT
Retention time accuracy heatmap, all runs
RT
Predicted RT
Normalisation factor heatmap, all runs
Normalisation factor
RT

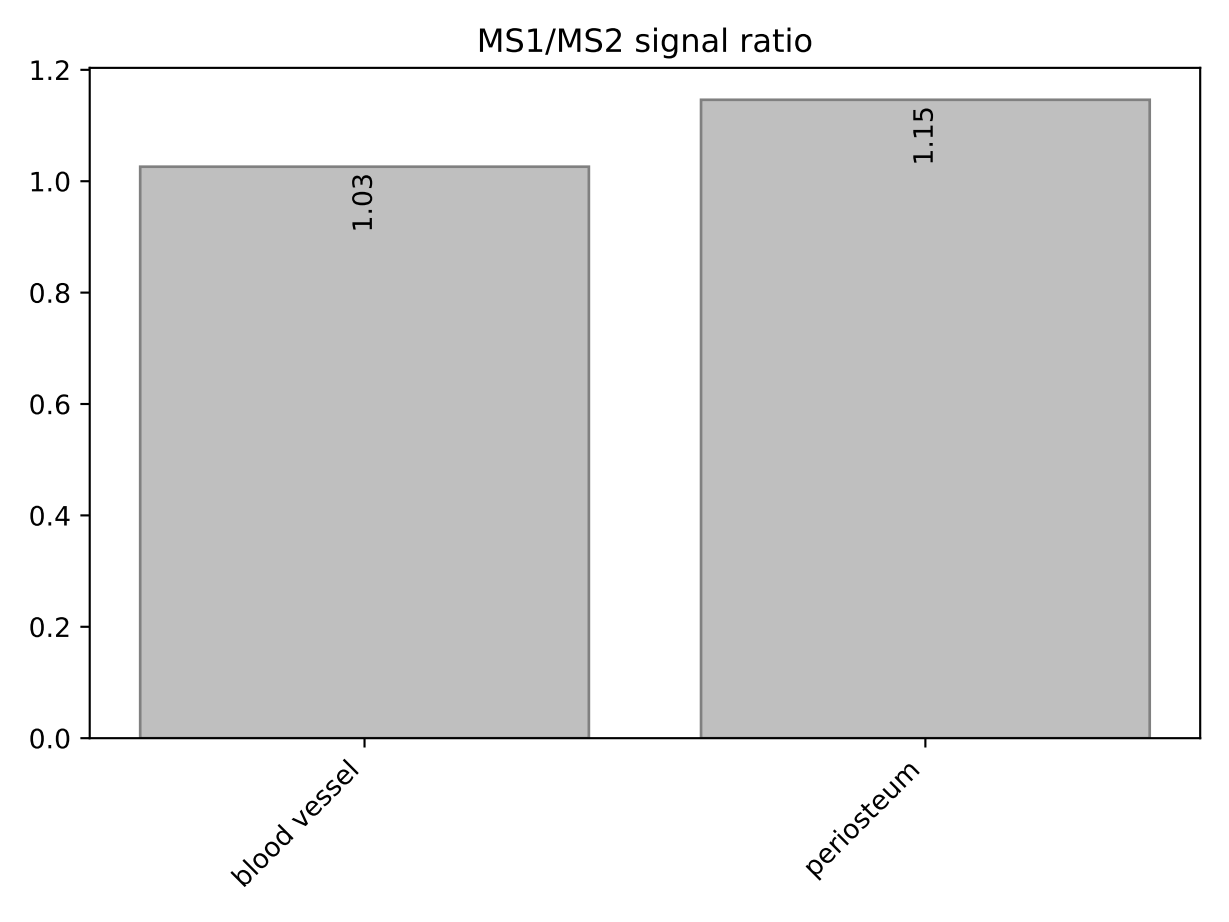

blood vessel
periosteum
od vessel
riosteum
1.00
0.98
0.96
0.94
0.92
0.90

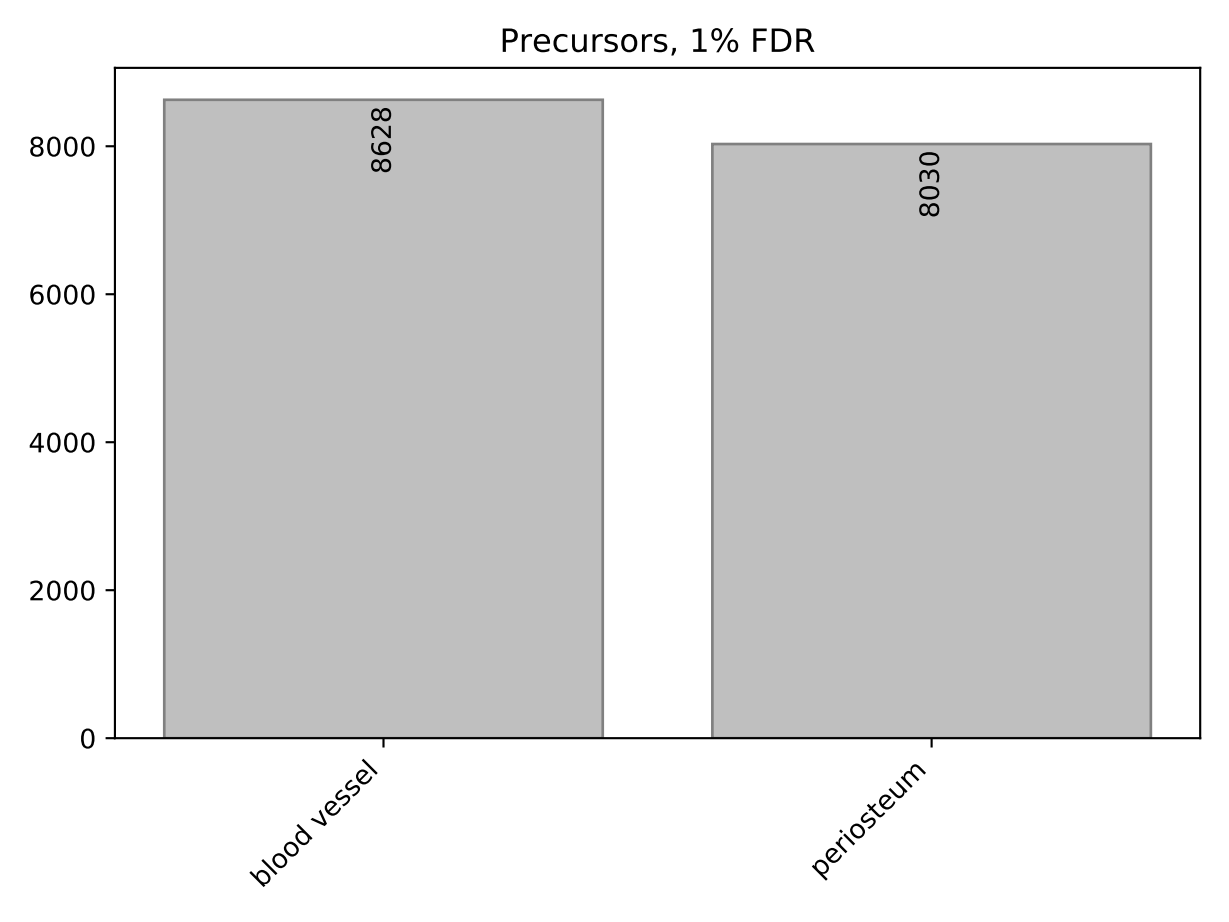

Total quantity, 1% FDR
1e9
5
4
3
2
1
0
blood vessel
periosteum

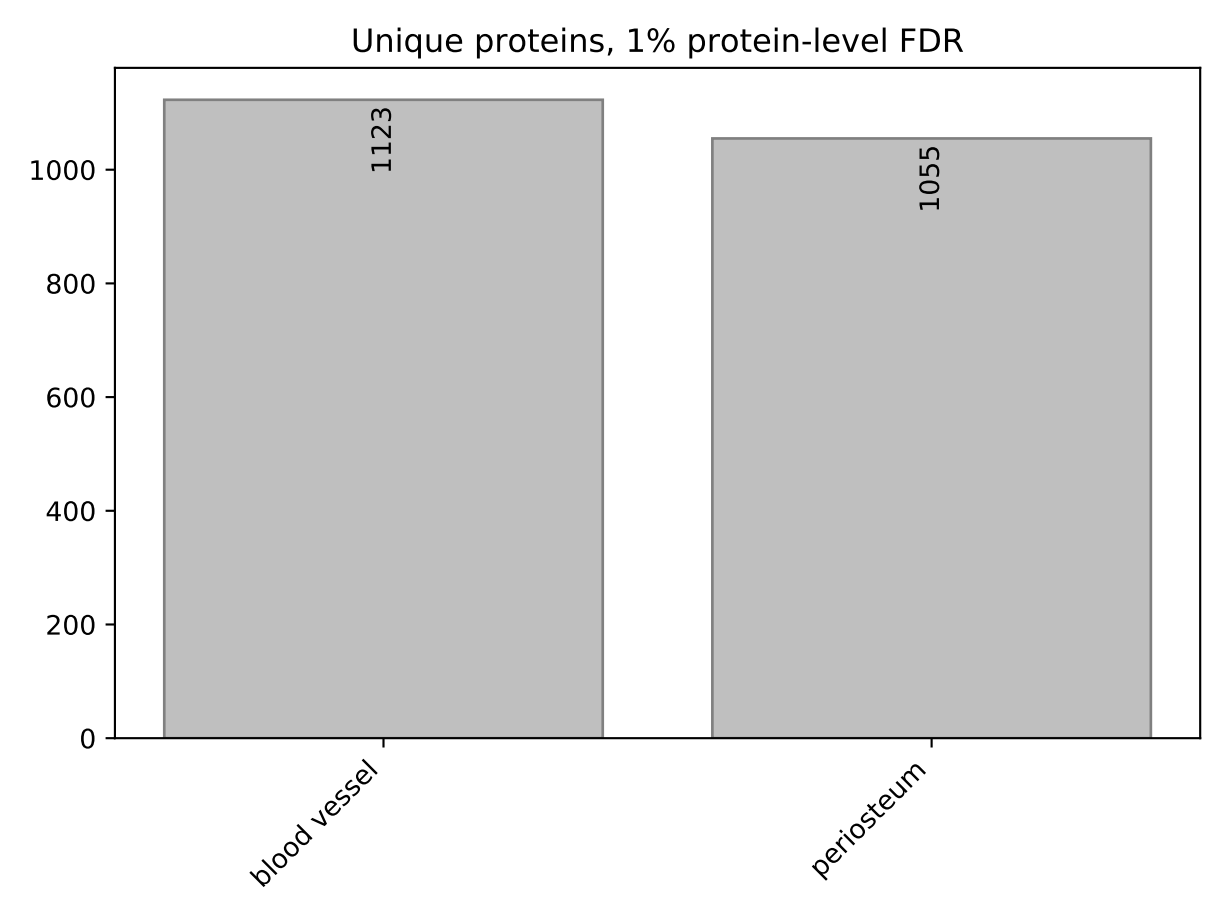

MS1 signal
1e10
7
6
5
4
3
2
1
0
blood vessel
periosteum

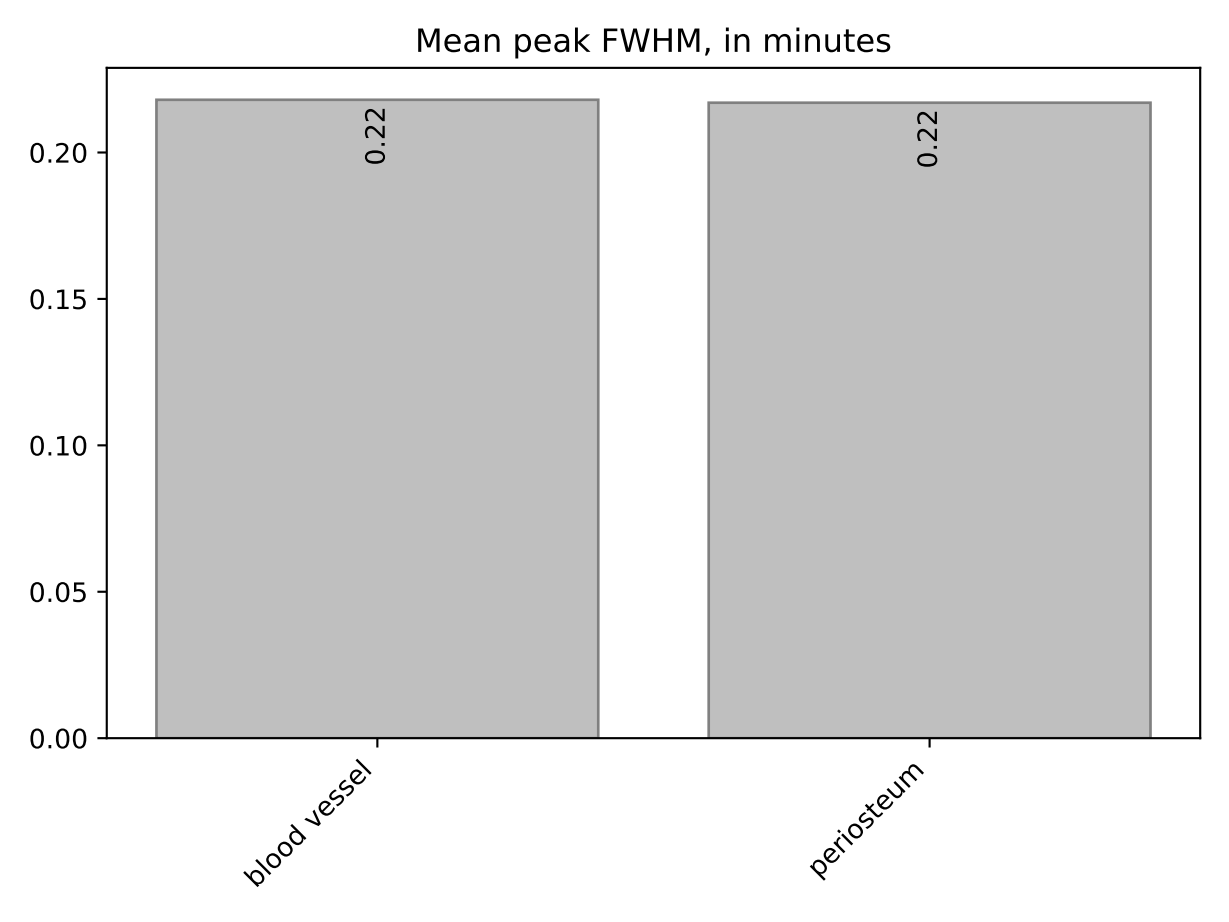

MS2 signal
1e10
6
5
4
3
2
1
0
blood vessel
periosteum

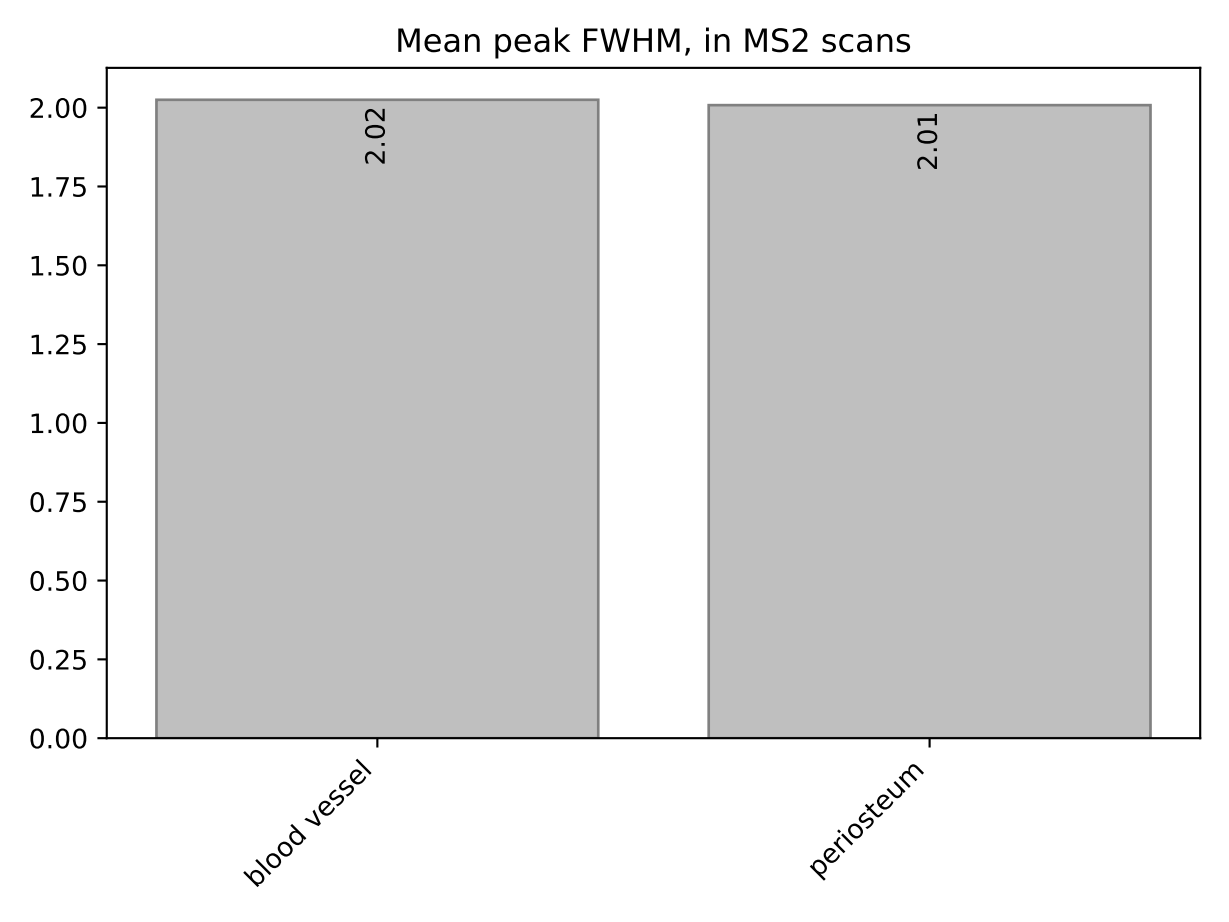

Total quantity/MS2 signal ratio
0.07
0.06
0.00
0.01
0.02
0.03
0.04
0.05
0.06
0.07
blood vessel
periosteum

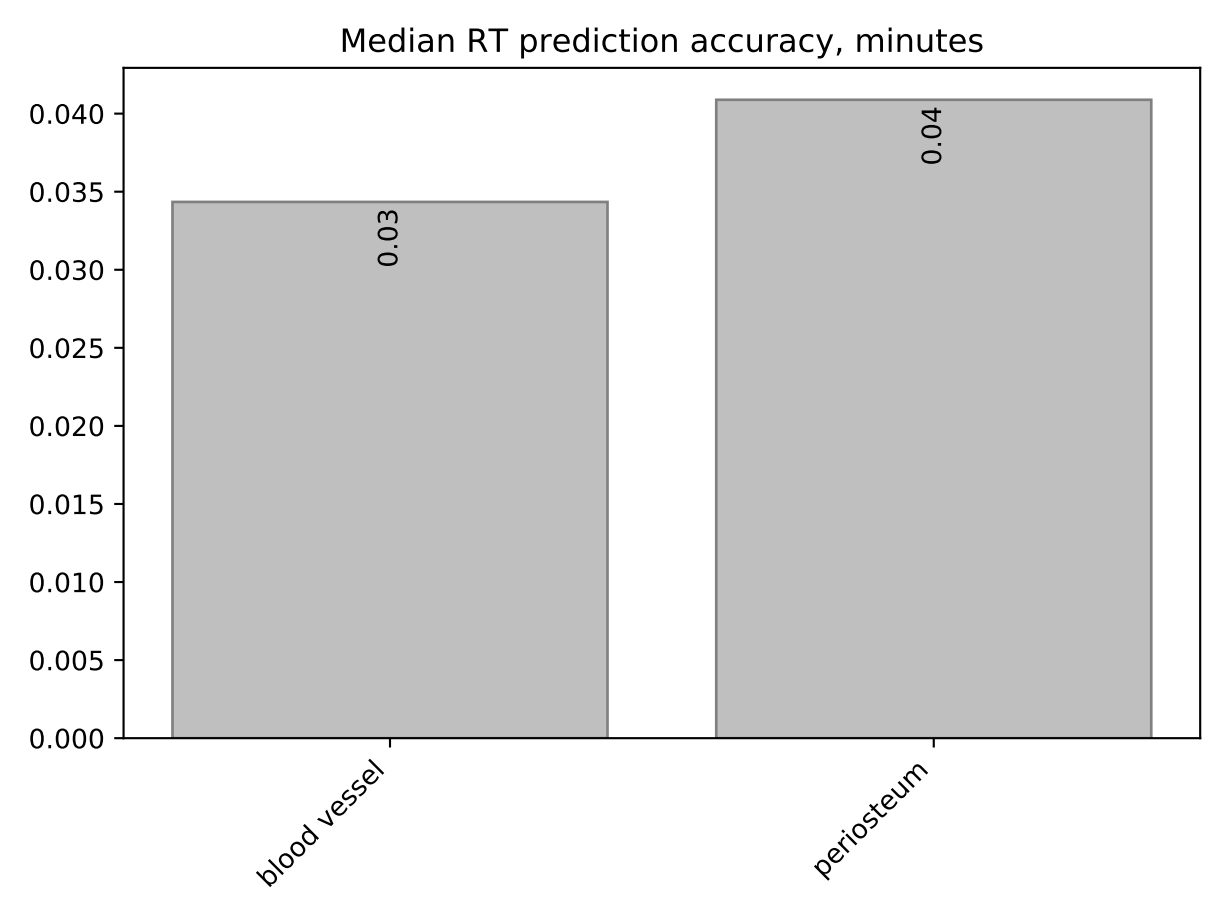

MS1/MS2 signal ratio
1.2
1.0
0.8
0.6
0.4
0.2
0.0
1.03
1.15
blood vessel
periosteum

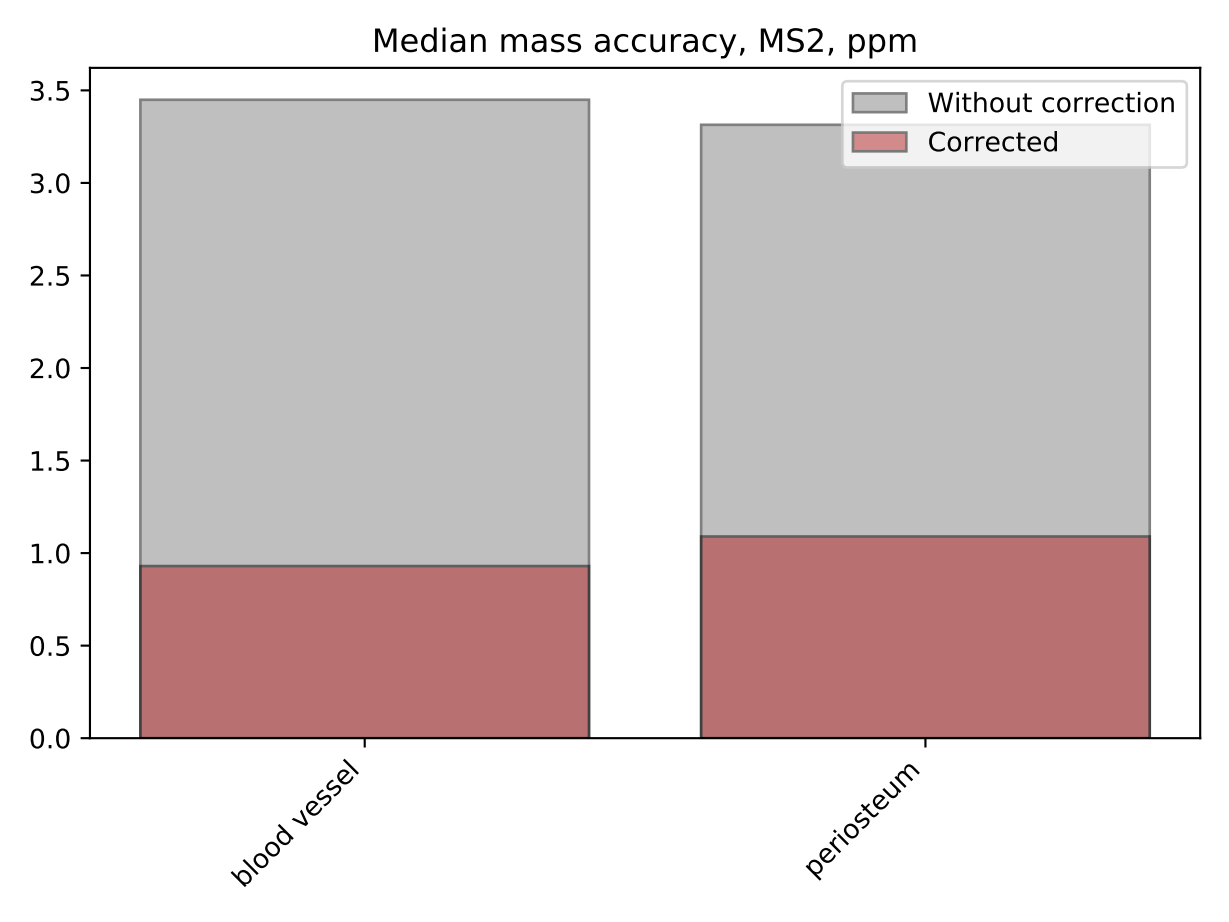

Precursors, 1% FDR
8628
8030
8000
6000
4000
2000
0
blood vessel
periosteum

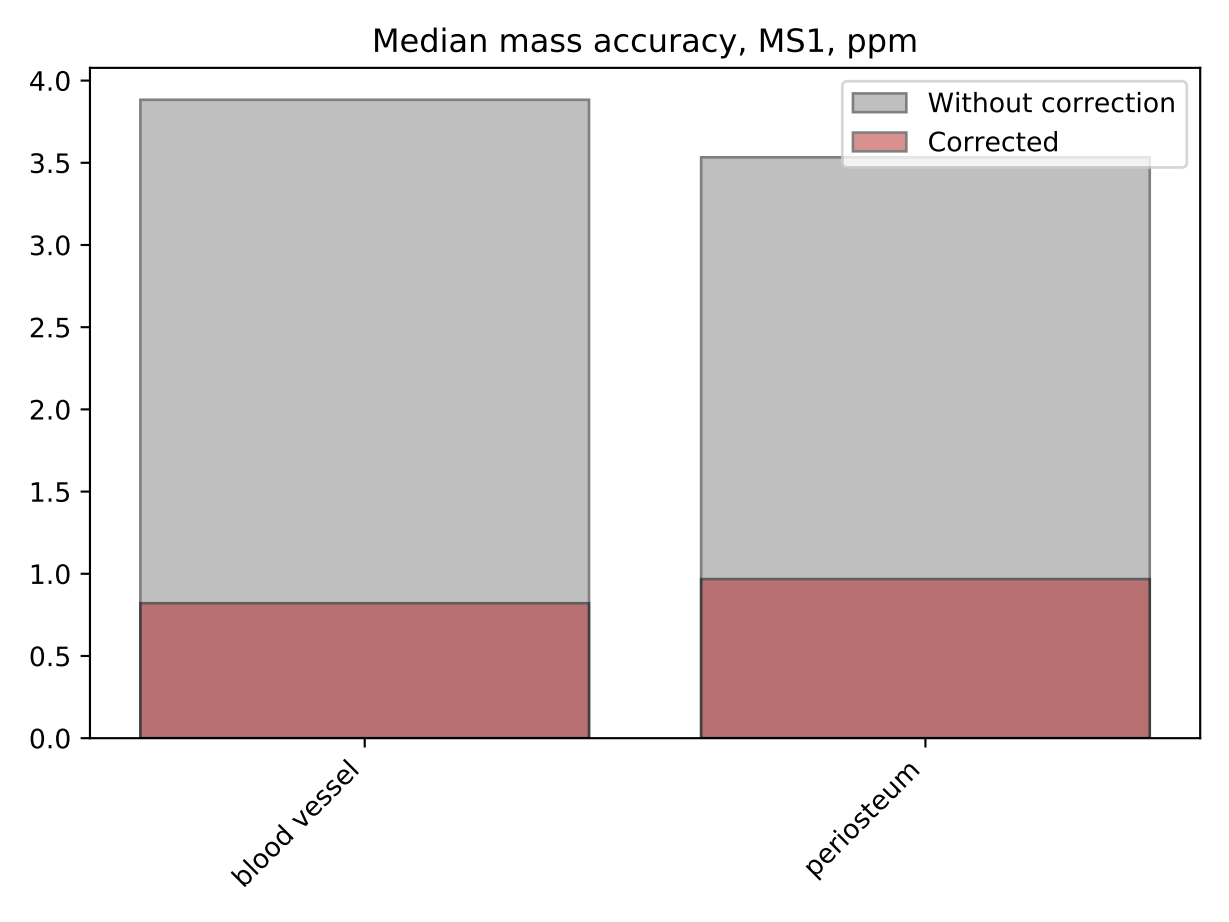

Unique proteins, 1% protein-level FDR
1123
1055
0
200
400
600
800
1000
blood vessel
periosteum

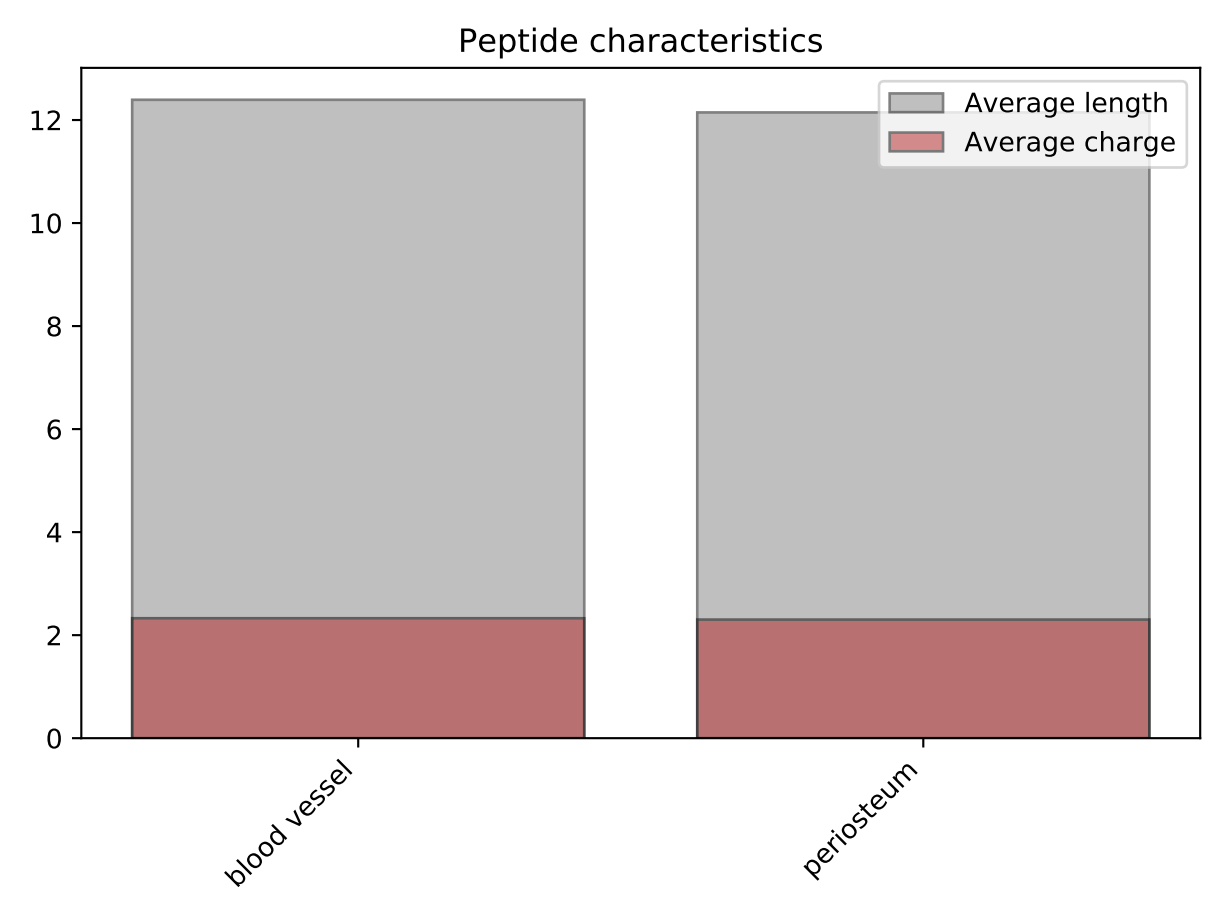

Mean peak FWHM, in minutes
0.22
0.22
0.20
0.15
0.10
0.05
0.00
blood vessel
periosteum

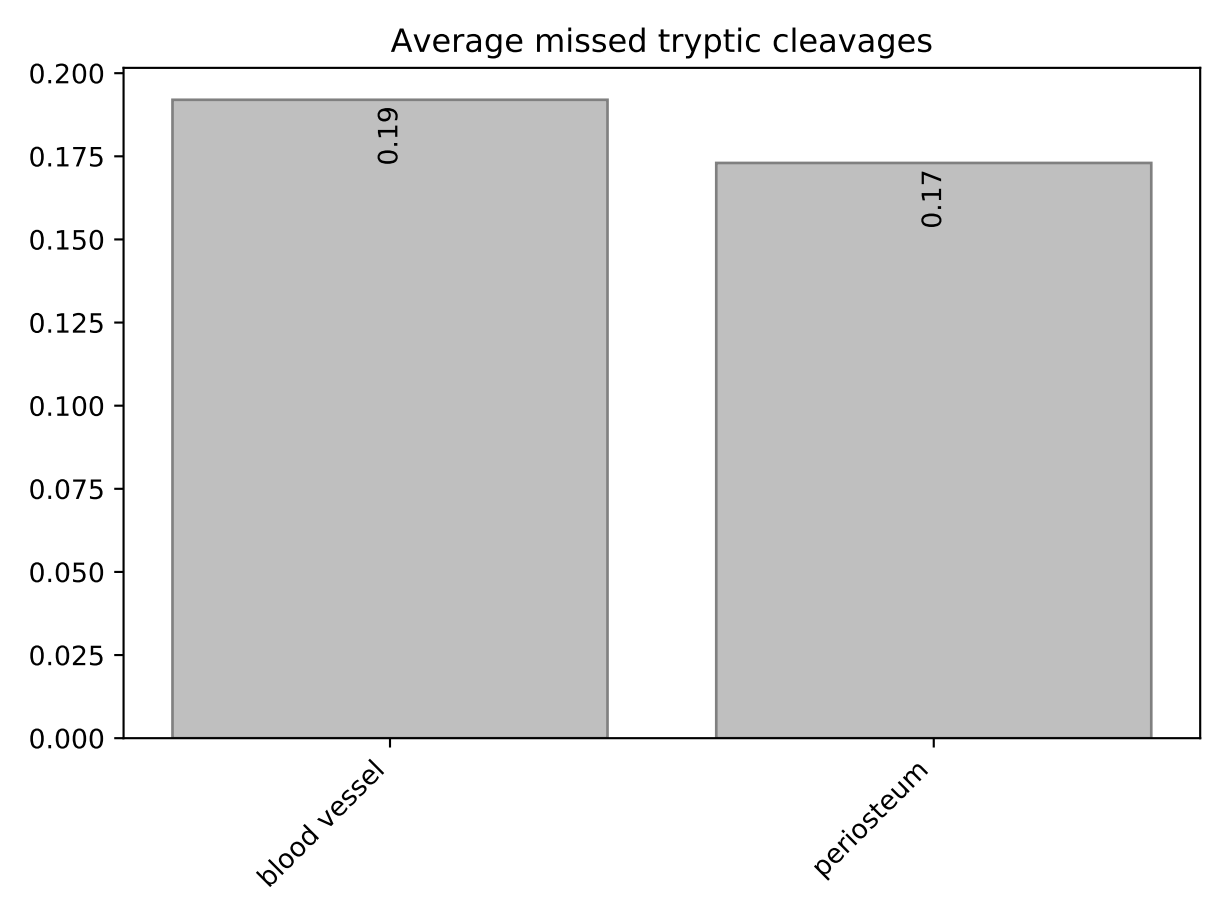

Mean peak FWHM, in MS2 scans
2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00
2.02
2.01
blood vessel
periosteum


Median RT prediction accuracy, minutes
0.040
0.035
0.030
0.025
0.020
0.015
0.010
0.005
0.000
0.03
0.04
blood vessel
periosteum


Median mass accuracy, MS2, ppm
Without correction
Corrected
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
blood vessel
periosteum


Median mass accuracy, MS1, ppm
Without correction
Corrected
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
blood vessel
periosteum


Peptide characteristics
Average length
Average charge
0
2
4
6
8
10
12
blood vessel
periosteum


Average missed tryptic cleavages
0.200
0.175
0.150
0.125
0.100
0.075
0.050
0.025
0.000
0.19
0.17
blood vessel
periosteum