This MICCAI paper is the Open Access version, provided by the MICCAI Society. It is identical to the accepted version, except for the format and this watermark; the final published version is available on SpringerLink.

Supplementary Material

1 Dataset Split Identifiers

This document lists the FIVES training-partition image identifiers used in each of our training, validation, and test subsets, as referenced in the main manuscript.

Training set (440 images)

- FIVES_001
- FIVES_002
- FIVES_003
- FIVES_004
- FIVES_005
- FIVES_006
- FIVES_007
- FIVES_008
- FIVES_009
- FIVES_010
- FIVES_011
- FIVES_013
- FIVES_014
- FIVES_016
- FIVES_017
- FIVES_018
- FIVES_019
- FIVES_020
- FIVES_021
- FIVES_024
- FIVES_025
- FIVES_026
- FIVES_027
- FIVES_032
- FIVES_034
- FIVES_035
- FIVES_036
- FIVES_037
- FIVES_038
- FIVES_039
- FIVES_040
- FIVES_042
- FIVES_043
- FIVES_044
- FIVES_045
- FIVES_046
- FIVES_047
- FIVES_048
- FIVES_049
- FIVES_050
- FIVES_051
- FIVES_052
- FIVES_053
- FIVES_055
- FIVES_057
- FIVES_060
- FIVES_061
- FIVES_062
- FIVES_064
- FIVES_065
- FIVES_066
- FIVES_067
- FIVES_068
- FIVES_069
- FIVES_070
- FIVES_071
- FIVES_072
- FIVES_073
- FIVES_074
- FIVES_075
- FIVES_076
- FIVES_077
- FIVES_078
- FIVES_079
- FIVES_086
- FIVES_087
- FIVES_088
- FIVES_089
- FIVES_092
- FIVES_094
- FIVES_095
- FIVES_096
- FIVES_097
- FIVES_098
- FIVES_099
- FIVES_100
- FIVES_103
- FIVES_104
- FIVES_106
- FIVES_107
- FIVES_112
- FIVES_113
- FIVES_114
- FIVES_115
- FIVES_116
- FIVES_117
- FIVES_118
- FIVES_119
- FIVES_120
- FIVES_121
- FIVES_122
- FIVES_123
- FIVES_124
- FIVES_125
- FIVES_126
- FIVES_127
- FIVES_128
- FIVES_130
- FIVES_131
- FIVES_132
- FIVES_133
- FIVES_134
- FIVES_135
- FIVES_136
- FIVES_137
- FIVES_138
- FIVES_139
- FIVES_140
- FIVES_141
- FIVES_145
- FIVES_146
- FIVES_147
- FIVES_148
- FIVES_149
- FIVES_150
- FIVES_151
- FIVES_152
- FIVES_153
- FIVES_154
- FIVES_156
- FIVES_157
- FIVES_158
- FIVES_159
- FIVES_160
- FIVES_161
- FIVES_162
- FIVES_164
- FIVES_165
- FIVES_166
- FIVES_168
- FIVES_169
- FIVES_170
- FIVES_171
- FIVES_172
- FIVES_173
- FIVES_175
- FIVES_176
- FIVES_178
- FIVES_179
- FIVES_180
- FIVES_181
- FIVES_182
- FIVES_183
- FIVES_184
- FIVES_185
- FIVES_186
- FIVES_187
- FIVES_188
- FIVES_190
- FIVES_191
- FIVES_192
- FIVES_193
- FIVES_194
- FIVES_195
- FIVES_196
- FIVES_197
- FIVES_198
- FIVES_199
- FIVES_200
- FIVES_201
- FIVES_202
- FIVES_203
- FIVES_204
- FIVES_205
- FIVES_206
- FIVES_208
- FIVES_209
- FIVES_211
- FIVES_212
- FIVES_213
- FIVES_214
- FIVES_215
- FIVES_216
- FIVES_217
- FIVES_218
- FIVES_219

- FIVES_220
- FIVES_223
- FIVES_224
- FIVES_225
- FIVES_226
- FIVES_227
- FIVES_230
- FIVES_232
- FIVES_235
- FIVES_236
- FIVES_241
- FIVES_242
- FIVES_243
- FIVES_244
- FIVES_245
- FIVES_246
- FIVES_248
- FIVES_249
- FIVES_251
- FIVES_252
- FIVES_254
- FIVES_257
- FIVES_259
- FIVES_263
- FIVES_264
- FIVES_265
- FIVES_266
- FIVES_269
- FIVES_272
- FIVES_274
- FIVES_275
- FIVES_276
- FIVES_278
- FIVES_280
- FIVES_281
- FIVES_282
- FIVES_283
- FIVES_286
- FIVES_288
- FIVES_290
- FIVES_292
- FIVES_293
- FIVES_294
- FIVES_295
- FIVES_298
- FIVES_301
- FIVES_302
- FIVES_303
- FIVES_304
- FIVES_306
- FIVES_307
- FIVES_308
- FIVES_310
- FIVES_312
- FIVES_315
- FIVES_317
- FIVES_320
- FIVES_321
- FIVES_322
- FIVES_324
- FIVES_327
- FIVES_328
- FIVES_329
- FIVES_330
- FIVES_332
- FIVES_333
- FIVES_336
- FIVES_337
- FIVES_338
- FIVES_339
- FIVES_340
- FIVES_342
- FIVES_343
- FIVES_344
- FIVES_345
- FIVES_347
- FIVES_348
- FIVES_349
- FIVES_350
- FIVES_351
- FIVES_352
- FIVES_354
- FIVES_357
- FIVES_358
- FIVES_362
- FIVES_365
- FIVES_368
- FIVES_369
- FIVES_370
- FIVES_371
- FIVES_372
- FIVES_374
- FIVES_375
- FIVES_377
- FIVES_378
- FIVES_379
- FIVES_383
- FIVES_386
- FIVES_387
- FIVES_388
- FIVES_389
- FIVES_390
- FIVES_391
- FIVES_393
- FIVES_395
- FIVES_396
- FIVES_397
- FIVES_398
- FIVES_399
- FIVES_402
- FIVES_403
- FIVES_405
- FIVES_407
- FIVES_408
- FIVES_409
- FIVES_410
- FIVES_411
- FIVES_412
- FIVES_413
- FIVES_414
- FIVES_415
- FIVES_416
- FIVES_417
- FIVES_418
- FIVES_421
- FIVES_422
- FIVES_423
- FIVES_424
- FIVES_425
- FIVES_426
- FIVES_428
- FIVES_429
- FIVES_430
- FIVES_431
- FIVES_433
- FIVES_434
- FIVES_437
- FIVES_438
- FIVES_439
- FIVES_440
- FIVES_441
- FIVES_445
- FIVES_449
- FIVES_450
- FIVES_451
- FIVES_452
- FIVES_453
- FIVES_454
- FIVES_455
- FIVES_456
- FIVES_457
- FIVES_458
- FIVES_459
- FIVES_460
- FIVES_461
- FIVES_462
- FIVES_463
- FIVES_464
- FIVES_465
- FIVES_467
- FIVES_468
- FIVES_469
- FIVES_470
- FIVES_472
- FIVES_473
- FIVES_476
- FIVES_477
- FIVES_478
- FIVES_479
- FIVES_480
- FIVES_482
- FIVES_484
- FIVES_486
- FIVES_488
- FIVES_490
- FIVES_492
- FIVES_493
- FIVES_496
- FIVES_497
- FIVES_500
- FIVES_501
- FIVES_502
- FIVES_503
- FIVES_506
- FIVES_507
- FIVES_508
- FIVES_509
- FIVES_510
- FIVES_512
- FIVES_513
- FIVES_514
- FIVES_515
- FIVES_517
- FIVES_518
- FIVES_519
- FIVES_521
- FIVES_522
- FIVES_523
- FIVES_524
- FIVES_525
- FIVES_526
- FIVES_527
- FIVES_528
- FIVES_529
- FIVES_530
- FIVES_531
- FIVES_532
- FIVES_533
- FIVES_534
- FIVES_536
- FIVES_537
- FIVES_538
- FIVES_539
- FIVES_540
- FIVES_541
- FIVES_542
- FIVES_543
- FIVES_544
- FIVES_545
- FIVES_547
- FIVES_548
- FIVES_549
- FIVES_550
- FIVES_551
- FIVES_552
- FIVES_554
- FIVES_555
- FIVES_556
- FIVES_557
- FIVES_558
- FIVES_559
- FIVES_561
- FIVES_562
- FIVES_564
- FIVES_565
- FIVES_566
- FIVES_568
- FIVES_569
- FIVES_570
- FIVES_571
- FIVES_572
- FIVES_573
- FIVES_574
- FIVES_575

- FIVES_576
- FIVES_577
- FIVES_578
- FIVES_579
- FIVES_580
- FIVES_584
- FIVES_585
- FIVES_588
- FIVES_589
- FIVES_590
- FIVES_591
- FIVES_592
- FIVES_593
- FIVES_594
- FIVES_595
- FIVES_596
- FIVES_597
- FIVES_598
- FIVES_599
- FIVES_600

Validation set (109 images)

- FIVES_012
- FIVES_015
- FIVES_022
- FIVES_023
- FIVES_028
- FIVES_030
- FIVES_031
- FIVES_033
- FIVES_041
- FIVES_054
- FIVES_056
- FIVES_058
- FIVES_063
- FIVES_080
- FIVES_081
- FIVES_090
- FIVES_091
- FIVES_093
- FIVES_101
- FIVES_102
- FIVES_105
- FIVES_108
- FIVES_111
- FIVES_129
- FIVES_142
- FIVES_167
- FIVES_174
- FIVES_177
- FIVES_189
- FIVES_207
- FIVES_221
- FIVES_228
- FIVES_229
- FIVES_234
- FIVES_238
- FIVES_239
- FIVES_240
- FIVES_247
- FIVES_250
- FIVES_255
- FIVES_260
- FIVES_261
- FIVES_262
- FIVES_271
- FIVES_273
- FIVES_279
- FIVES_289
- FIVES_291
- FIVES_296
- FIVES_300
- FIVES_305
- FIVES_309
- FIVES_311
- FIVES_313
- FIVES_314
- FIVES_318
- FIVES_334
- FIVES_335
- FIVES_346
- FIVES_355
- FIVES_356
- FIVES_359
- FIVES_364
- FIVES_366
- FIVES_367
- FIVES_376
- FIVES_382
- FIVES_385
- FIVES_392
- FIVES_394
- FIVES_406
- FIVES_419
- FIVES_420
- FIVES_427
- FIVES_432
- FIVES_435
- FIVES_436
- FIVES_444
- FIVES_446
- FIVES_466
- FIVES_471
- FIVES_474
- FIVES_475
- FIVES_481
- FIVES_483
- FIVES_485
- FIVES_487
- FIVES_489
- FIVES_491
- FIVES_494
- FIVES_495
- FIVES_498
- FIVES_499
- FIVES_504
- FIVES_505
- FIVES_511
- FIVES_516
- FIVES_520
- FIVES_535
- FIVES_546
- FIVES_553
- FIVES_560
- FIVES_563
- FIVES_567
- FIVES_581
- FIVES_582
- FIVES_583
- FIVES_586
- FIVES_587

Test set (200 images)

- FIVES_601
- FIVES_602
- FIVES_603
- FIVES_604
- FIVES_605
- FIVES_606
- FIVES_607
- FIVES_608
- FIVES_609
- FIVES_610
- FIVES_611
- FIVES_612
- FIVES_613
- FIVES_614
- FIVES_615
- FIVES_616
- FIVES_617
- FIVES_618
- FIVES_619
- FIVES_620
- FIVES_621
- FIVES_622
- FIVES_623
- FIVES_624
- FIVES_625
- FIVES_626
- FIVES_627
- FIVES_628
- FIVES_629
- FIVES_630
- FIVES_631
- FIVES_632
- FIVES_633
- FIVES_634
- FIVES_635
- FIVES_636
- FIVES_637
- FIVES_638
- FIVES_639
- FIVES_640
- FIVES_641
- FIVES_642
- FIVES_643
- FIVES_644
- FIVES_645
- FIVES_646
- FIVES_647
- FIVES_648
- FIVES_649
- FIVES_650
- FIVES_651
- FIVES_652
- FIVES_653
- FIVES_654
- FIVES_655
- FIVES_656
- FIVES_657
- FIVES_658
- FIVES_659
- FIVES_660
- FIVES_661
- FIVES_662
- FIVES_663
- FIVES_664
- FIVES_665
- FIVES_666
- FIVES_667
- FIVES_668
- FIVES_669
- FIVES_670
- FIVES_671
- FIVES_672
- FIVES_673
- FIVES_674
- FIVES_675
- FIVES_676
- FIVES_677
- FIVES_678
- FIVES_679
- FIVES_680
- FIVES_681
- FIVES_682
- FIVES_683
- FIVES_684

- FIVES_685
- FIVES_686
- FIVES_687
- FIVES_688
- FIVES_689
- FIVES_690
- FIVES_691
- FIVES_692
- FIVES_693
- FIVES_694
- FIVES_695
- FIVES_696
- FIVES_697
- FIVES_698
- FIVES_699
- FIVES_700
- FIVES_701
- FIVES_702
- FIVES_703
- FIVES_704
- FIVES_705
- FIVES_706
- FIVES_707
- FIVES_708
- FIVES_709
- FIVES_710
- FIVES_711
- FIVES_712
- FIVES_713
- FIVES_714
- FIVES_715
- FIVES_716
- FIVES_717
- FIVES_718
- FIVES_719
- FIVES_720
- FIVES_721
- FIVES_722
- FIVES_723
- FIVES_724
- FIVES_725
- FIVES_726
- FIVES_727
- FIVES_728
- FIVES_729
- FIVES_730
- FIVES_731
- FIVES_732
- FIVES_733
- FIVES_734
- FIVES_735
- FIVES_736
- FIVES_737
- FIVES_738
- FIVES_739
- FIVES_740
- FIVES_741
- FIVES_742
- FIVES_743
- FIVES_744
- FIVES_745
- FIVES_746
- FIVES_747
- FIVES_748
- FIVES_749
- FIVES_750
- FIVES_751
- FIVES_752
- FIVES_753
- FIVES_754
- FIVES_755
- FIVES_756
- FIVES_757
- FIVES_758
- FIVES_759
- FIVES_760
- FIVES_761
- FIVES_762
- FIVES_763
- FIVES_764
- FIVES_765
- FIVES_766
- FIVES_767
- FIVES_768
- FIVES_769
- FIVES_770
- FIVES_771
- FIVES_772
- FIVES_773
- FIVES_774
- FIVES_775
- FIVES_776
- FIVES_777
- FIVES_778
- FIVES_779
- FIVES_780
- FIVES_781
- FIVES_782
- FIVES_783
- FIVES_784
- FIVES_785
- FIVES_786
- FIVES_787
- FIVES_788
- FIVES_789
- FIVES_790
- FIVES_791
- FIVES_792
- FIVES_793
- FIVES_794
- FIVES_795
- FIVES_796
- FIVES_797
- FIVES_798
- FIVES_799
- FIVES_800

2 Excluded Image Identifiers

This document lists the identifiers of the images from the FIVES training partition that were excluded from our experiments, as described in Section 3.1 ("Data Cleaning, Augmentation and Preprocessing") of the main manuscript. These images exhibited severely poor contrast or overall low quality, such that vessels were barely distinguishable and the resulting ground-truth annotations could not be reliably used for supervision.

Excluded images (51 images)

- FIVES_029
- FIVES_059
- FIVES_082
- FIVES_083
- FIVES_084
- FIVES_085
- FIVES_109
- FIVES_110
- FIVES_143
- FIVES_144
- FIVES_155
- FIVES_163
- FIVES_210
- FIVES_222
- FIVES_231
- FIVES_233
- FIVES_237
- FIVES_253
- FIVES_256
- FIVES_258
- FIVES_267
- FIVES_268
- FIVES_270
- FIVES_277
- FIVES_284
- FIVES_285
- FIVES_287
- FIVES_297
- FIVES_299
- FIVES_316
- FIVES_319
- FIVES_323
- FIVES_325
- FIVES_326
- FIVES_331
- FIVES_341
- FIVES_353
- FIVES_360
- FIVES_361
- FIVES_363
- FIVES_373
- FIVES_380
- FIVES_381
- FIVES_384
- FIVES_400
- FIVES_401
- FIVES_404
- FIVES_442
- FIVES_443
- FIVES_447
- FIVES_448