Subjective analysis of worst cases

Analysis of Fenna

038: small, blending in with surroundings, predicted two segmentations
042: medium lesion, blending in with surroundings, predicted three segmentations
043: small, blending in with surroundings, **cannot find predicted segmentation**
060: very small, blending in with surroundings, **cannot find predicted segmentation**
089: very small lesion, blending in with surroundings, **cannot find predicted segmentation**
091: small lesion, almost invisible, **cannot find predicted segmentation**
094: small lesion, very visible (much whiter compared to background), predicted segmentation is in a different spot.
118: small, blending in with surroundings, **cannot find predicted segmentation**
136: okay visible, lesion that is segmented looks similar to the true lesion.
148_04: lesion almost invisible, predicted lesion is close to the correct location
148_06: small lesion, reasonably visible, predicted segmentation is for an invisible lesion
148_09: small, blending in with background, predicts tiny lesion
156: tiny invisible lesion, **cannot find predicted segmentation**
186_12: small, blending in with surroundings, **cannot find predicted segmentation**
186_13: small, blending in with surroundings, **cannot find predicted segmentation**
199: small, blending in with surroundings, **cannot find predicted segmentation**
237: small, relatively visible, **cannot find predicted segmentation**
306_03: small but clear lesion, model segmented a different lesion
306_09: visible lesion, model segmented a different lesion
336: small, okay visible, **cannot find predicted segmentation**
358: tiny lesion, okay visible, model segments a different lesion
376: small lesion, clear and visible, model segments a huge lesion.
487: medium sized lesion, okay visible, model segments a tiny lesion
525: small invisible lesion, **cannot find predicted segmentation**.
559: small lesion, okay visible, **cannot find predicted segmentation**.
606: medium lesion, okay visible, predicts tiny invisible lesion
625: small, blending in with surroundings, **cannot find predicted segmentation**
655: small lesion, blending in with surroundings, model predicts tiny lesion
820: medium-size lesion, blending in with surroundings, predicted two segmentations
1118: small lesion, blending in with surroundings, model segments different lesion
1137: medium sized lesion, blending in with surroundings, predicted two segmentations
1140: tiny lesion, okay visible, models segments different tiny lesion
1202_01_01_016: tiny lesion, okay visible, **cannot find predicted segmentation**

Analysis of Lucia

001202_01_01_018: small lesion, **cannot find predicted segmentation**, blends in with surrounding
001343: small lesion, **cannot find predicted segmentation**, blends in a bit with surrounding
001352: blending in with surroundings, predicted three segmentations (one was tiny)

001354: medium-size lesion, **cannot find predicted segmentation,** blends in very well with surrounding
001407: small lesion, slightly darker than surroundings, the prediction was tiny and at the wrong location
001628: small lesion, **cannot find predicted segmentation,** stands out from background
001736: large lesion, **cannot find predicted segmentation,** blends in with surroundings
001933: medium-size lesion, **cannot find predicted segmentation,** blends in with surroundings
002056: small lesion, stands out from background, prediction was at a completely different location (different slice in all axes)
002110: medium-size lesion, blends in with surroundings, prediction was at a different location (same slice in 1 axis)
002176: tiny lesion, is just visible, prediction was at a completely different location (different slice in all axes)
002218: small lesion, **cannot find predicted segmentation,** blends in with surroundings
002255: medium-sized lesion, stands out in surroundings, prediction was at a different location (same slice in 1 axis)
002257: small lesion, **cannot find predicted segmentation,** blends in with surroundings
002340: medium-sized lesion, blends in with surroundings, predicted two segmentations
002358: medium-sized lesion, blends in largely with surroundings, predicted a tiny segmentation
002662: medium-sized lesion, is just visible, predicted two segmentations
002783_01_02: medium-sized lesion, **cannot find predicted segmentation,** blends into the background
002783_02_01: medium-sized lesion, **cannot find predicted segmentation,** blends in with surroundings
002783_03_01: small lesion, **cannot find predicted segmentation,** blends in with surroundings
002783_05_02: small lesion, blends in with surroundings, predicted two segmentations very close to each other (sometimes blended into each other, so 1 segmentation then)
002812: medium-sized lesion, blends into the background, predicted three segmentations.
002877: medium-sized lesion, stands out from background, predicted in completely different location (in bone marrow)
002956: medium-sized lesion, **cannot find predicted segmentation,** is just visible in background
002992: small lesion, **cannot find predicted segmentation,** blends in with surroundings (in lung)
003191: small lesion, blends in with surroundings, predicted two tiny lesions
003257_03_01_013: large lesion (very long), **cannot find predicted segmentation** does not blend in with surroundings
003257_03_01_023: medium-size lesion, does not blend in with surroundings, predicted two segmentations
003265: medium-size lesion, **cannot find predicted segmentation,** does not blend in with surroundings
003287: small lesion, blends in with surroundings, predicted a tiny lesion
003492: medium-sized lesion, blends in with surroundings, predicted three segmentations (all at wrong location)
003615_01_01_022: medium-sized lesion, stands out in background, predicted a tiny lesion

003615_01_01_043: small lesion, **cannot find predicted segmentation,** stands out in background
003624: small lesion,**cannot find predicted segmentation,** blends in with surroundings

Analysis of Max

003663: small lesion, blends into background, **cannot find predicted segmentation**
003754: small lesion, blends into surroundings, **cannot find predicted segmentation**
003823: large lesion, blends into background. **cannot find predicted segmentation**
003851_116: small lesion, blends into the background, **cannot find predicted segmentation**
003851_122: small lesion, blends into the background, **cannot find predicted segmentation**
003983: tiny lesion (<0.5cm), blends into the background
004012: ~1cm, small lesion, stands out from background
004161: tiny lesion, blends into background
bone_00143: large lesion, blends into the background, model predicts lesion in different vertebrae
bone_00187: large lesion, blends into the background
bone_00209_lesion2: lesion stands out from background, model predicts lesion in different bone
bone_00209_lesion5: large lesion, **cannot find predicted segmentation,** lesion stands out from background
bone_00209_lesion8: large lesion, does not blend into the background
bone_00209_lesion9: small lesion, stands out from background, **cannot find predicted segmentation**
bone_00208_lesion10: small lesion, stands out from the background, Model predicts larger lesion in different vertebrae
bone_00208_lesion12: small lesion, stands out from the background, model labels a different structure in a different slice
bone_00223_lesion06: model predicts multiple lesions spread across vertebrae, true lesion is small and on a single vertebrae. Stands out from the surrounding
bone_00223_lesion07: model predicts larger lesion on multiple vertebrae, but there is only a small lesion on a single, different vertebrae, lesion blends in with surrounding
bone_00223_lesion12: model predicts lesion on different vertebrae. Small lesion, blends into background
bone_00223_lesion13: model predicts lesion on two different vertebrae. Large lesion (takes up about 50% of vertebrae), blends into background
bone_00273: lesion in other location, lesion blends into background
bone_00281: **cannot find predicted segmentation**, small lesion that blends in with surroundings
bone_00302: Small lesion, blends into the background and predicted lesion is on different slice
bone_00542: **cannot find predicted segmentation**, lesion blends into the background
bone_01012_lesion07: model predicts small nearby structure in next vertebra, lesion stands out from background

bone_01052_lesion03: small lesion, model labels other larger nearby structure instead, lesion stands out from background
bone_01052_lesion21: **cannot find predicted segmentation,** very small lesion that does not blend into background
bone_01173_lesion17: **cannot find predicted segmentation**, small lesion, blends in with surroundings
bone_01173_lesion18: **cannot find predicted segmentation,** blends in with surroundings
bone_01173_lesion19: small lesion, **cannot find predicted segmentation**, blends in with surroundings
bone_01197: small lesion, model selects much larger area around lesion, blends in with surroundings
diag_pancreas_1063: **cannot find predicted segmentation**, blends in with surrounding
diag_pancreas_2001: model labels larger nearby structure as lesion instead of smaller structure, blends in with surroundings