Supplementary Table 1. Average Dice coefficients, sensitivity, and specificity for intra-retinal fluid (IRF) and sub-retinal fluid (SRF) segmentation for each eye in Dataset B.

| Subject | Intra-retinal Fluid | Sub-retinal Fluid |
|---------|---------------------|-------------------|
|         | Dice Coefficient | Sensitivity | Specificity | Dice Coefficient | Sensitivity | Specificity |
| 1       | -                  | -            | -          | 0.80             | 1.00        | 0.83        |
| 2       | -                  | -            | -          | 0.81             | 1.00        | 0.93        |
| 3       | -                  | -            | -          | 0.80             | 1.00        | 0.70        |
| 4       | 0.59               | 1.00        | 0.86       | 0.86             | 1.00        | 0.83        |
| 5       | 0.36               | 0.80        | 0.85       | 0.60             | 0.94        | 0.56        |
| 6       | -                  | -            | -          | 0.74             | 1.00        | 1.00        |
| 7       | 0.34               | 0.80        | 0.90       | -                | -           | -           |
| 8       | -                  | -            | -          | 0.80             | 1.00        | 1.00        |
| 9       | -                  | -            | -          | 0.78             | 1.00        | 1.00        |
| 10      | 0.62               | 1.00        | 1.00       | 0.77             | 1.00        | 0.90        |
| 11      | -                  | -            | -          | 0.82             | 1.00        | 0.86        |
| 12      | -                  | -            | -          | 0.85             | 1.00        | 0.80        |
| 13      | -                  | -            | -          | 0.83             | 1.00        | 1.00        |
| 14      | -                  | -            | -          | 0.79             | 1.00        | 0.88        |
| 15      | 0.51               | 1.00        | 0.75       | 0.75             | 1.00        | 0.83        |
| 16      | -                  | -            | -          | 0.80             | 1.00        | 1.00        |
| 17      | -                  | -            | -          | 0.85             | 1.00        | 1.00        |
| 18      | -                  | -            | -          | 0.86             | 1.00        | 0.69        |
| 19      | -                  | -            | -          | 0.76             | 0.93        | 1.00        |
| 20      | 0.57               | 1.00        | 1.00       | 0.58             | 0.75        | 1.00        |
| 21      | -                  | -            | -          | -                | -           | -           |
| 22      | -                  | -            | -          | -                | -           | -           |
| 23      | -                  | -            | -          | -                | -           | -           |
| 24      | 0.79               | 1.00        | 0.88       | 0.83             | 1.00        | 1.00        |

Null values were returned where either the ‘ground truth’ or Pegasus did not detect any fluid, preventing the calculation of a Dice coefficient, sensitivity and specificity.
Supplementary Table 2. Average Dice coefficients and sensitivity for intra-retinal fluid (IRF) segmentation for each eye* in Dataset C. Note, specificity was not calculated as the dataset does not contain ‘true negative’ data.

| Subject | Dice Coefficient | Sensitivity |
|---------|------------------|-------------|
|         | Expert 1 | Expert 2 | Average | Expert 1 | Expert 2 | Average |
| 1       | 0.68     | 0.48     | 0.58    | 0.78     | -       | 0.78    |
| 2       | 0.60     | 0.60     | 0.60    | 0.57     | 0.57    | 0.57    |
| 3       | 0.72     | 0.43     | 0.58    | 1.00     | 0.63    | 0.81    |
| 4       | 0.50     | 0.55     | 0.53    | 0.56     | 0.63    | 0.59    |
| 5       | 0.48     | 0.47     | 0.48    | 0.60     | 0.60    | 0.60    |
| 6       | 0.50     | 0.50     | 0.50    | 0.70     | 0.70    | 0.70    |
| 7       | 0.83     | 0.75     | 0.79    | 0.75     | 0.67    | 0.71    |
| 8       | 0.56     | 0.43     | 0.49    | 0.75     | 0.63    | 0.69    |
| 9       | 0.39     | 0.01     | 0.20    | 0.14     | -       | 0.14    |
| 10      | 0.45     | 0.34     | 0.40    | 1.00     | 0.90    | 0.95    |

*Null values were returned where either the ground truth or Pegasus did not detect any fluid, preventing the calculation of a Dice coefficient, sensitivity and specificity.