

Automated Segmentation and Object Classification of CT Images: Application to *In Vivo* Molecular Imaging of Avian Embryos

Supplementary Material

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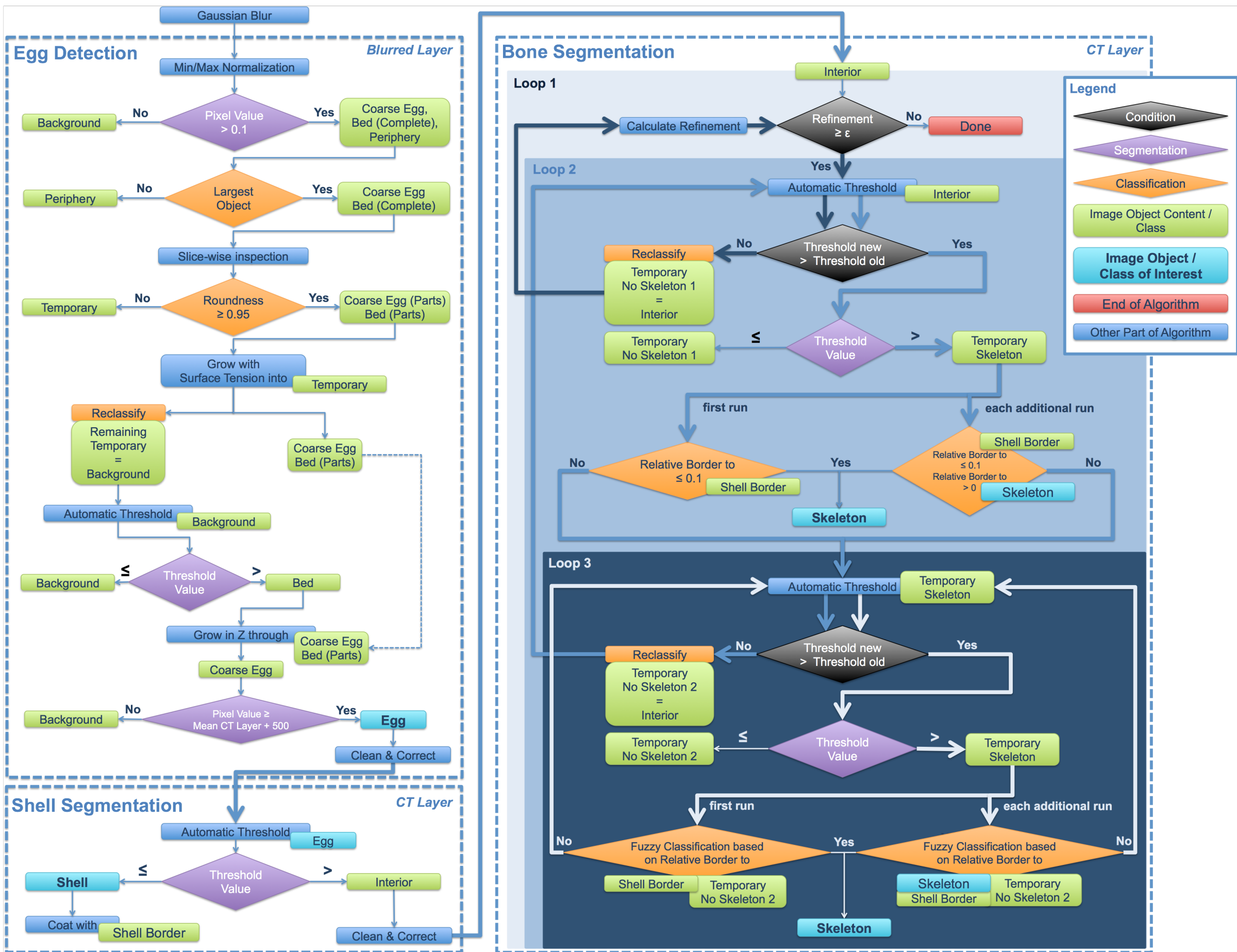
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Supplemental Fig. S1 Graphical representation of the complete automated image segmentation procedure

Supplemental Table S1. Bone lengths of Group 2 chick embryos

| Classes | d13 | | d14 | | d15 | |
|-----------------|-----------------------|----------|-----------------------|----------|-----------------------|----------|
| | Mean (mm ± SD) | n | Mean (mm ± SD) | n | Mean (mm ± SD) | n |
| Humerus | 3.425 ± 0.678 | 8 | 4.612 ± 1.208 | 8 | 5.238 ± 1.276 | 8 |
| Radius | 2.454 ± 0.472 | 5 | 3.699 ± 0.937 | 6 | 4.202 ± 1.023 | 5 |
| Ulna | 3.497 ± 0.475 | 8 | 4.820 ± 0.853 | 7 | 5.354 ± 0.981 | 7 |
| Carpometacarpus | 2.053 ± 0.427 | 8 | 2.856 ± 0.363 | 8 | 3.385 ± 0.398 | 8 |
| Femur | 5.774 ± 1.232 | 8 | 7.400 ± 1.063 | 8 | 8.574 ± 1.830 | 8 |
| Tibiotarsus | 8.200 ± 1.408 | 8 | 10.691 ± 1.801 | 8 | 13.380 ± 1.984 | 8 |
| Tarsometatarsus | 5.286 ± 0.804 | 8 | 6.758 ± 1.486 | 8 | 9.660 ± 1.349 | 5 |