

Supplementary Material:

Recurrently Aggregating Deep Features for Salient Object Detection

This supplementary material provides 60 additional visual comparisons between our method and state-of-the-art salient object detectors to verify the effectiveness of the proposed method. From the results, we can observe that the proposed method produces saliency maps that outperform others; please refer to the figures (Figure 1 - Figure 60) for details.

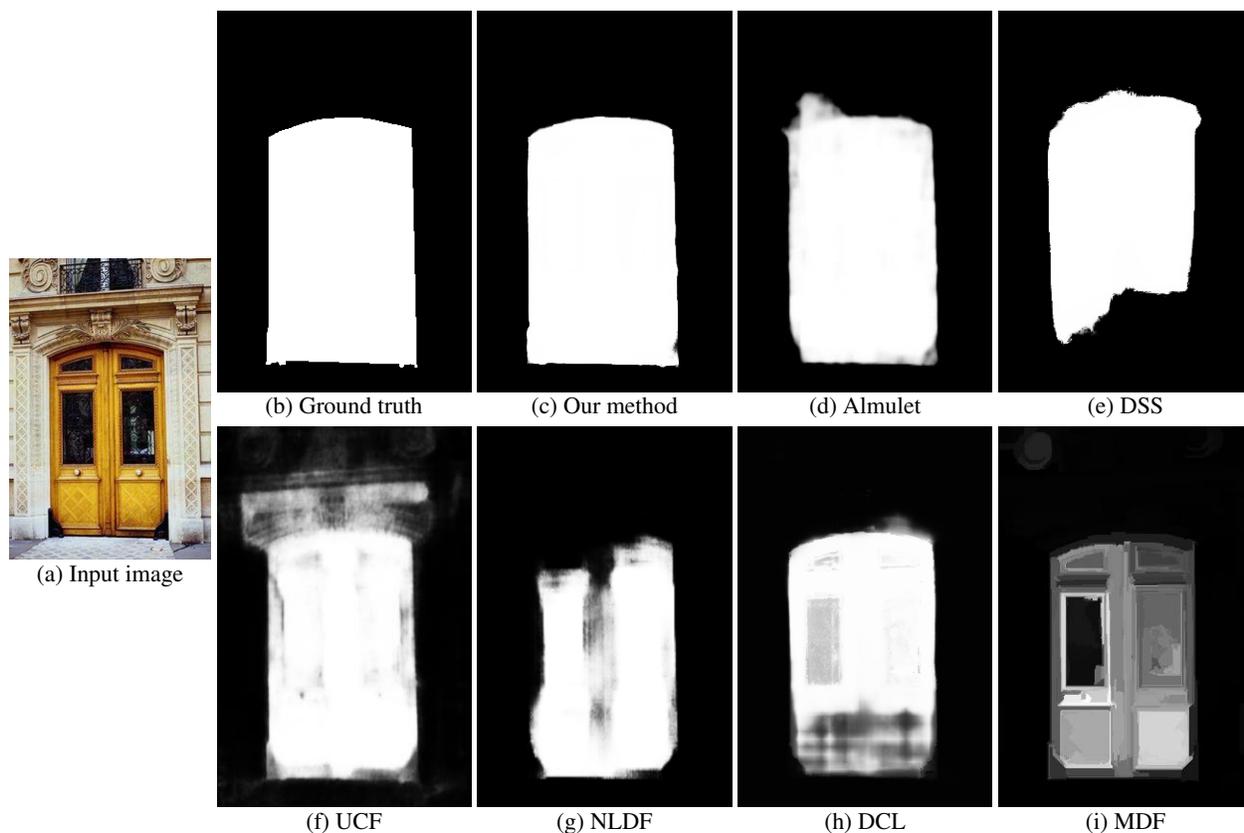


Figure 1: Additional comparison result of saliency maps #1. (a) Input image; (b) Ground truth; (c) Our method; (d) Almulet (Zhang et al. 2017a); (e) DSS (Hou et al. 2017); (f) UCF (Zhang et al. 2017b); (g) NLDF (Luo et al. 2017); (h) DCL (Li and Yu 2016); (i) MDF (Li and Yu 2015). Apparently, our method can produce more accurate saliency maps than others, and closest to the ground truth.

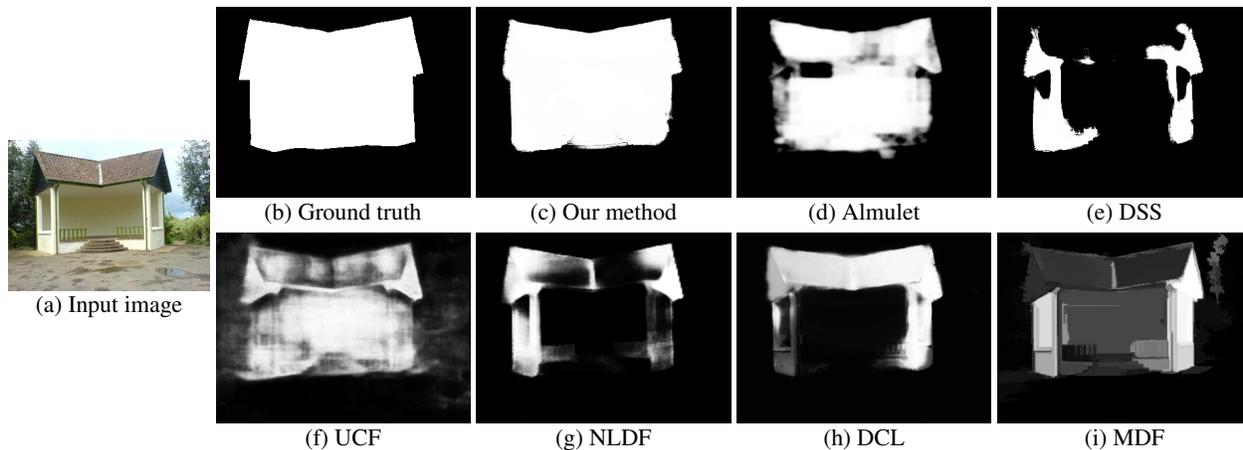


Figure 2: Additional comparison result of saliency maps #2. (a) Input image; (b) Ground truth; (c) Our method; (d) Al-mulet (Zhang et al. 2017a); (e) DSS (Hou et al. 2017); (f) UCF (Zhang et al. 2017b); (g) NLDF (Luo et al. 2017); (h) DCL (Li and Yu 2016); (i) MDF (Li and Yu 2015). Apparently, our method can produce more accurate saliency maps than others, and closest to the ground truth.

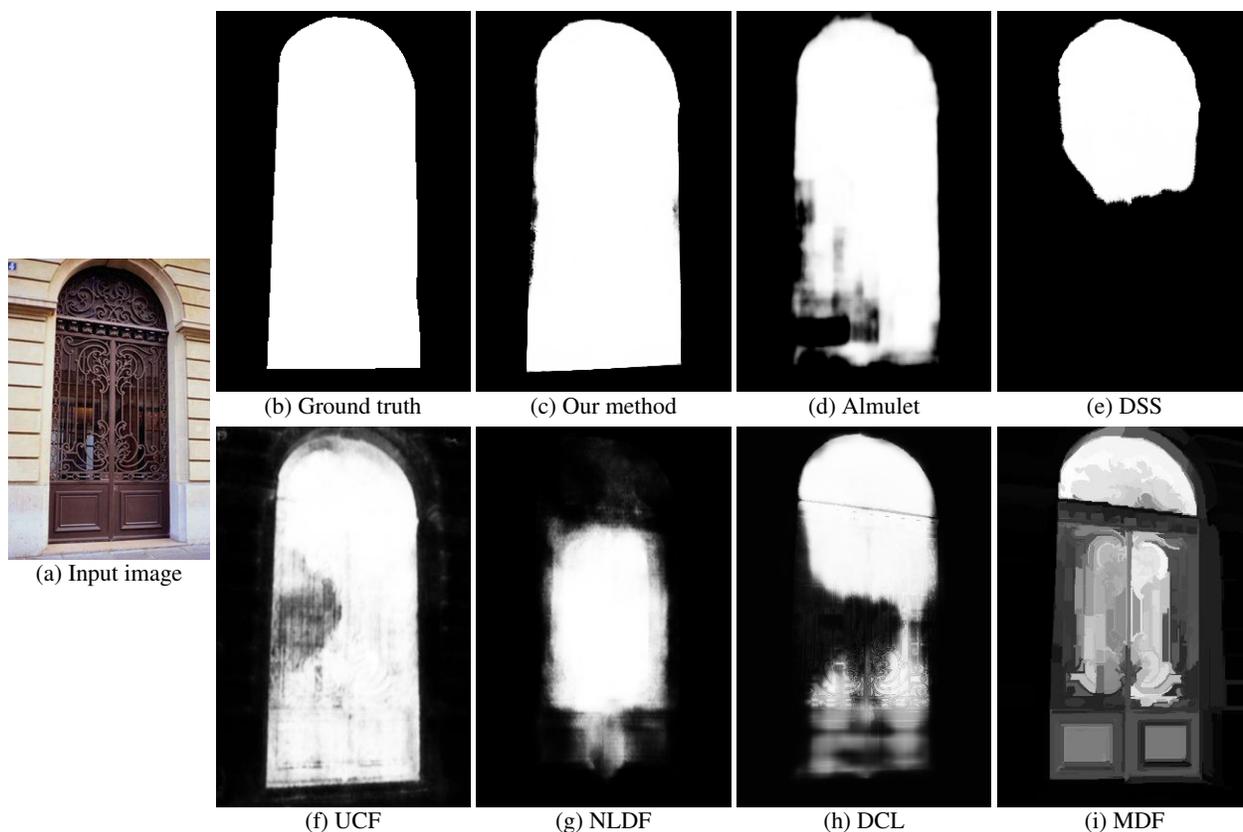


Figure 3: Additional comparison result of saliency maps #3. (a) Input image; (b) Ground truth; (c) Our method; (d) Al-mulet (Zhang et al. 2017a); (e) DSS (Hou et al. 2017); (f) UCF (Zhang et al. 2017b); (g) NLDF (Luo et al. 2017); (h) DCL (Li and Yu 2016); (i) MDF (Li and Yu 2015). Apparently, our method can produce more accurate saliency maps than others, and closest to the ground truth.

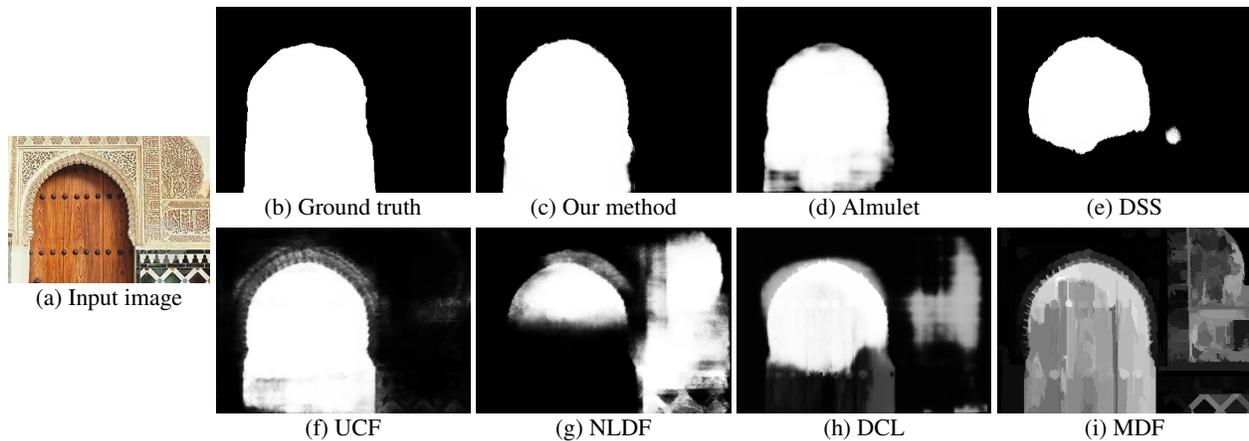


Figure 4: Additional comparison result of saliency maps #4. (a) Input image; (b) Ground truth; (c) Our method; (d) Al-mulet (Zhang et al. 2017a); (e) DSS (Hou et al. 2017); (f) UCF (Zhang et al. 2017b); (g) NLDF (Luo et al. 2017); (h) DCL (Li and Yu 2016); (i) MDF (Li and Yu 2015). Apparently, our method can produce more accurate saliency maps than others, and closest to the ground truth.

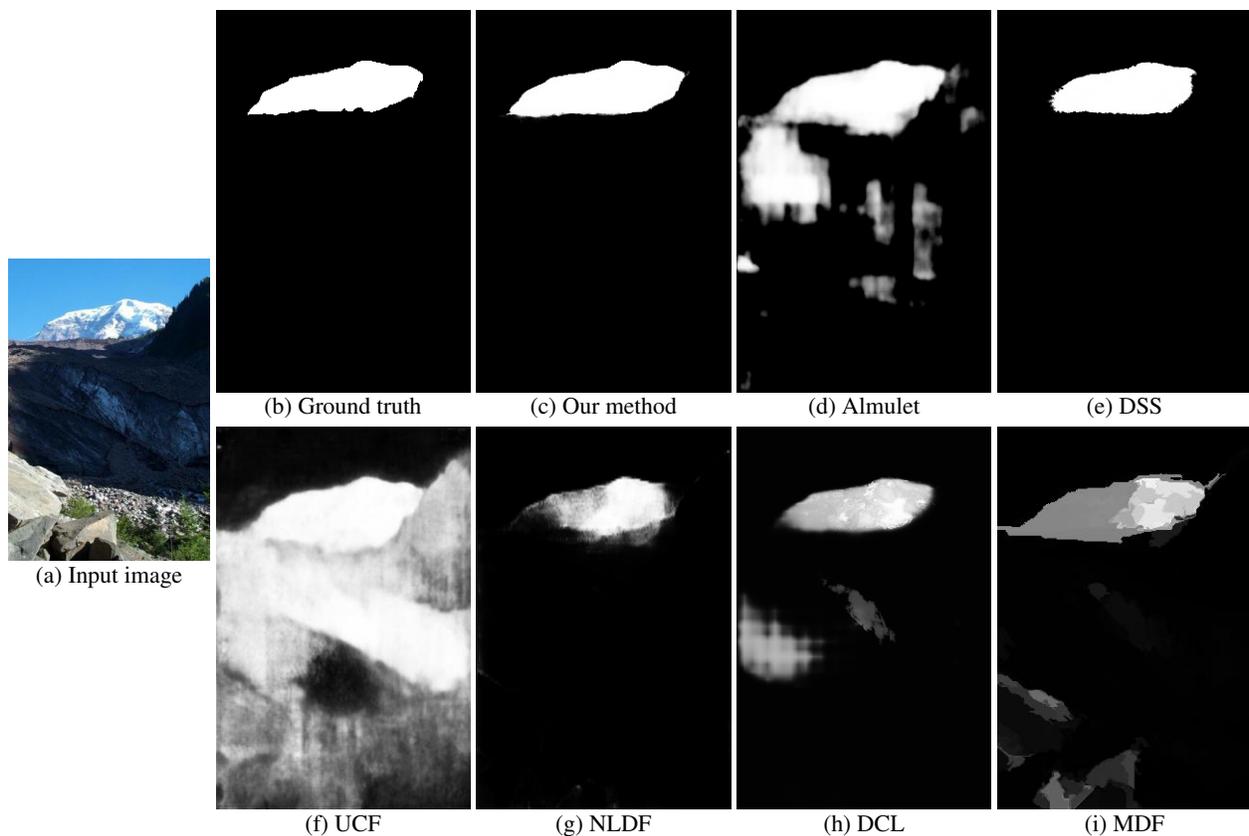


Figure 5: Additional comparison result of saliency maps #5. (a) Input image; (b) Ground truth; (c) Our method; (d) Al-mulet (Zhang et al. 2017a); (e) DSS (Hou et al. 2017); (f) UCF (Zhang et al. 2017b); (g) NLDF (Luo et al. 2017); (h) DCL (Li and Yu 2016); (i) MDF (Li and Yu 2015). Apparently, our method can produce more accurate saliency maps than others, and closest to the ground truth.

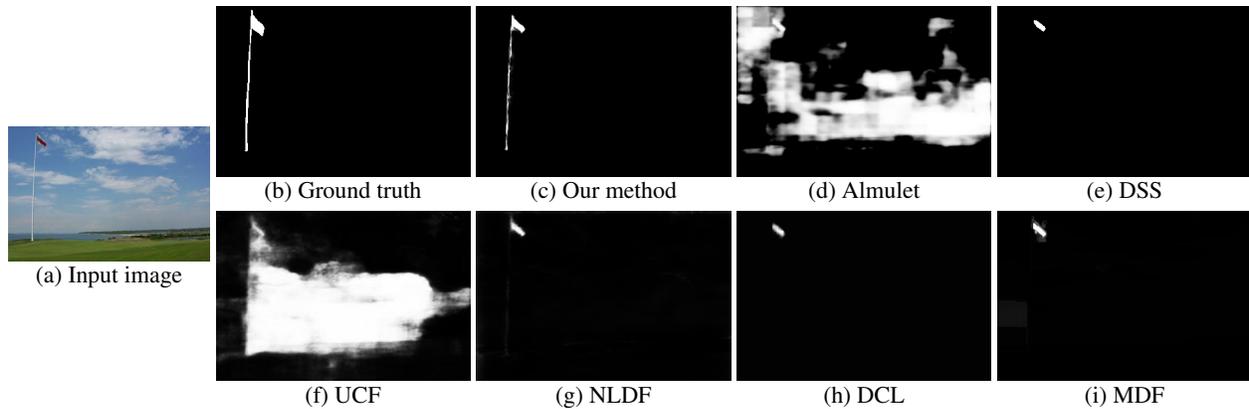


Figure 6: Additional comparison result of saliency maps #6. (a) Input image; (b) Ground truth; (c) Our method; (d) Almulet (Zhang et al. 2017a); (e) DSS (Hou et al. 2017); (f) UCF (Zhang et al. 2017b); (g) NLDF (Luo et al. 2017); (h) DCL (Li and Yu 2016); (i) MDF (Li and Yu 2015). Apparently, our method can produce more accurate saliency maps than others, and closest to the ground truth.

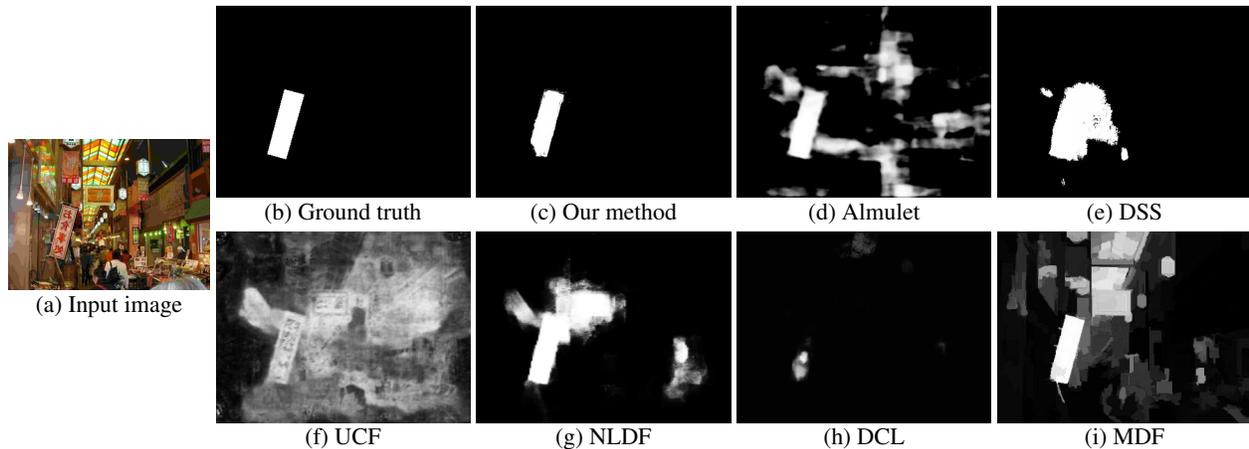


Figure 7: Additional comparison result of saliency maps #7. (a) Input image; (b) Ground truth; (c) Our method; (d) Almulet (Zhang et al. 2017a); (e) DSS (Hou et al. 2017); (f) UCF (Zhang et al. 2017b); (g) NLDF (Luo et al. 2017); (h) DCL (Li and Yu 2016); (i) MDF (Li and Yu 2015). Apparently, our method can produce more accurate saliency maps than others, and closest to the ground truth.

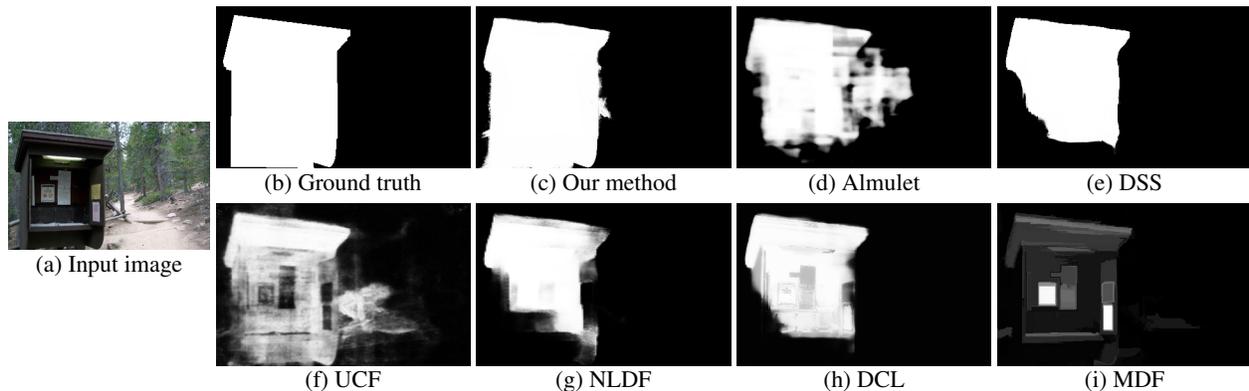


Figure 8: Additional comparison result of saliency maps #8. (a) Input image; (b) Ground truth; (c) Our method; (d) Almulet (Zhang et al. 2017a); (e) DSS (Hou et al. 2017); (f) UCF (Zhang et al. 2017b); (g) NLDF (Luo et al. 2017); (h) DCL (Li and Yu 2016); (i) MDF (Li and Yu 2015). Apparently, our method can produce more accurate saliency maps than others, and closest to the ground truth.

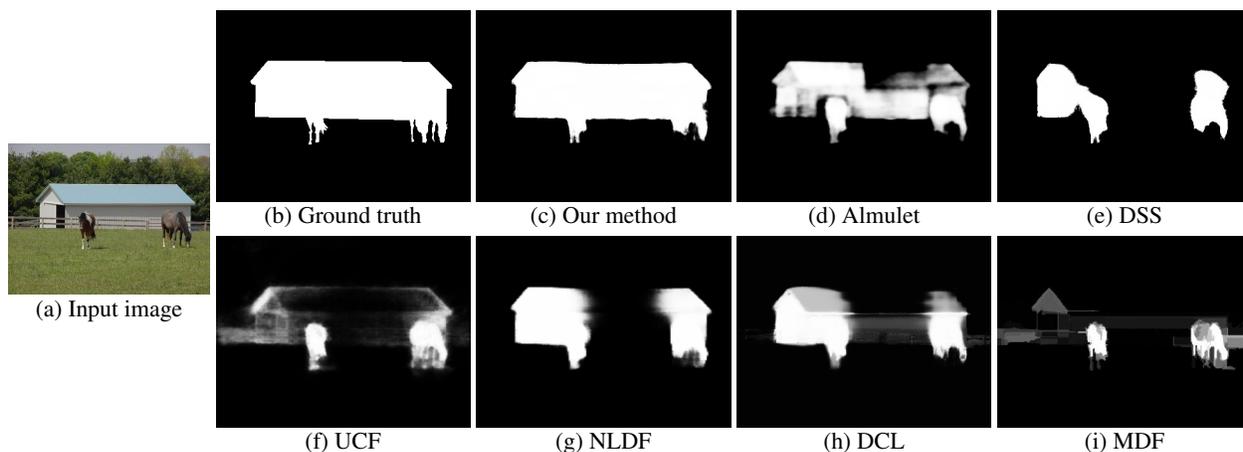


Figure 9: Additional comparison result of saliency maps #9. (a) Input image; (b) Ground truth; (c) Our method; (d) Almulet (Zhang et al. 2017a); (e) DSS (Hou et al. 2017); (f) UCF (Zhang et al. 2017b); (g) NLDF (Luo et al. 2017); (h) DCL (Li and Yu 2016); (i) MDF (Li and Yu 2015). Apparently, our method can produce more accurate saliency maps than others, and closest to the ground truth.

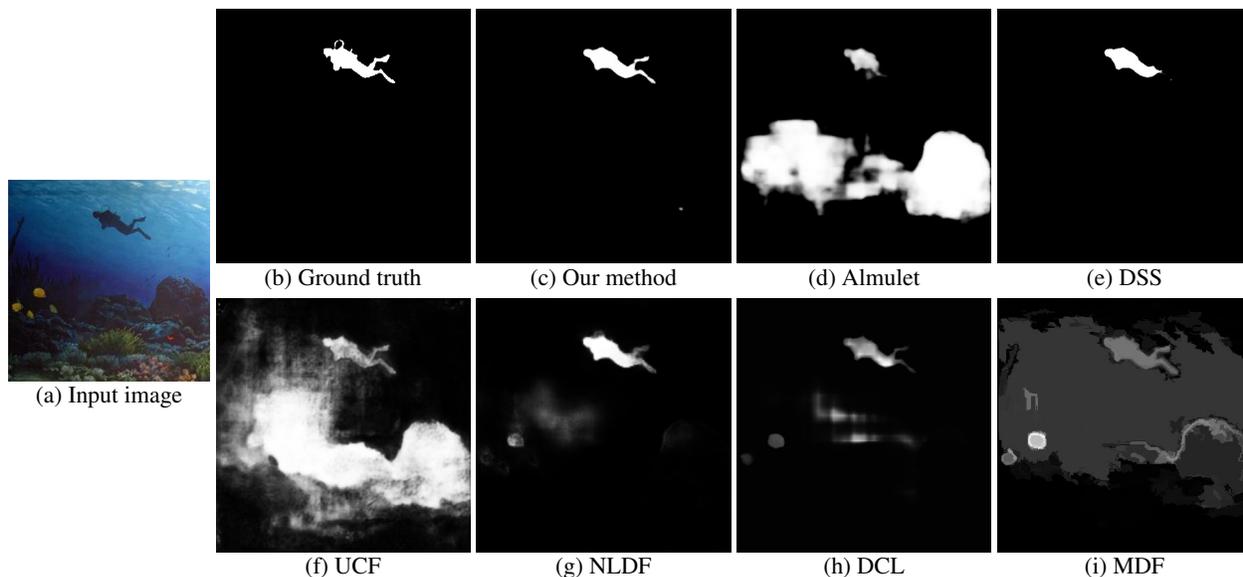


Figure 10: Additional comparison result of saliency maps #10. (a) Input image; (b) Ground truth; (c) Our method; (d) Almulet (Zhang et al. 2017a); (e) DSS (Hou et al. 2017); (f) UCF (Zhang et al. 2017b); (g) NLDF (Luo et al. 2017); (h) DCL (Li and Yu 2016); (i) MDF (Li and Yu 2015). Apparently, our method can produce more accurate saliency maps than others, and closest to the ground truth.

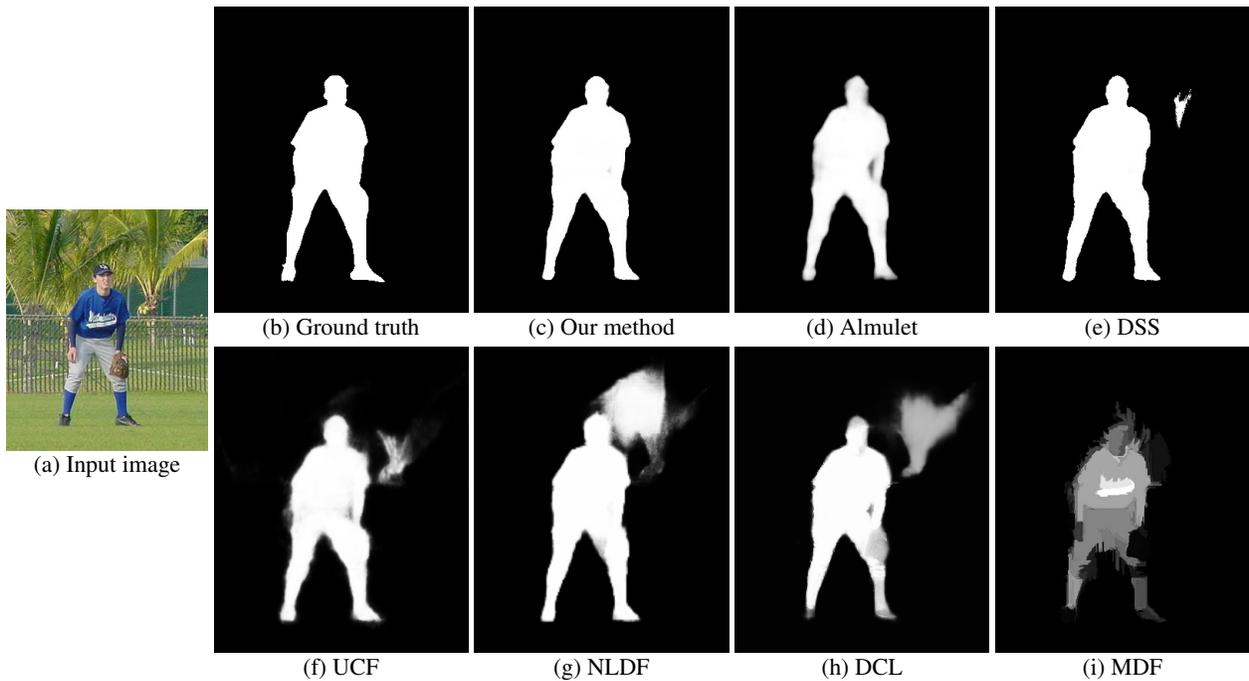


Figure 11: Additional comparison result of saliency maps #11. (a) Input image; (b) Ground truth; (c) Our method; (d) Almulet (Zhang et al. 2017a); (e) DSS (Hou et al. 2017); (f) UCF (Zhang et al. 2017b); (g) NLDF (Luo et al. 2017); (h) DCL (Li and Yu 2016); (i) MDF (Li and Yu 2015). Apparently, our method can produce more accurate saliency maps than others, and closest to the ground truth.

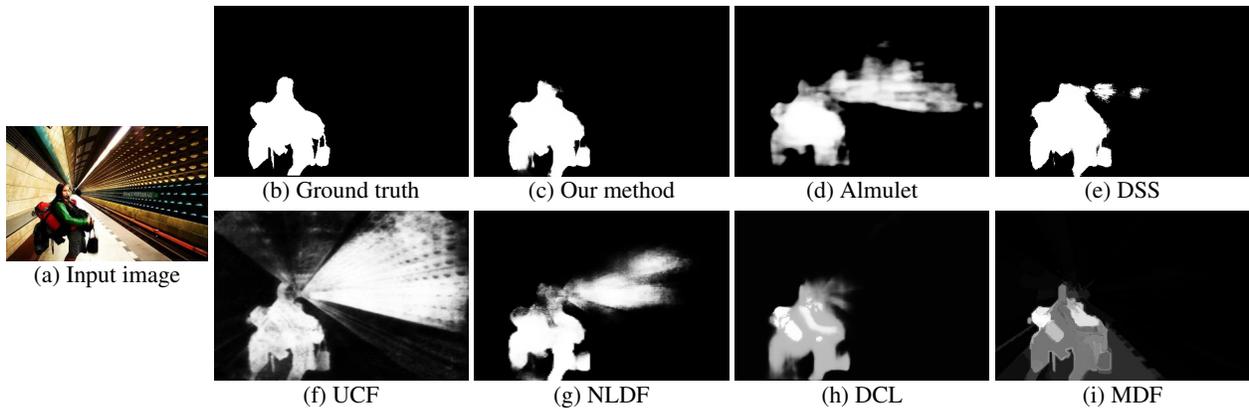


Figure 12: Additional comparison result of saliency maps #12. (a) Input image; (b) Ground truth; (c) Our method; (d) Almulet (Zhang et al. 2017a); (e) DSS (Hou et al. 2017); (f) UCF (Zhang et al. 2017b); (g) NLDF (Luo et al. 2017); (h) DCL (Li and Yu 2016); (i) MDF (Li and Yu 2015). Apparently, our method can produce more accurate saliency maps than others, and closest to the ground truth.

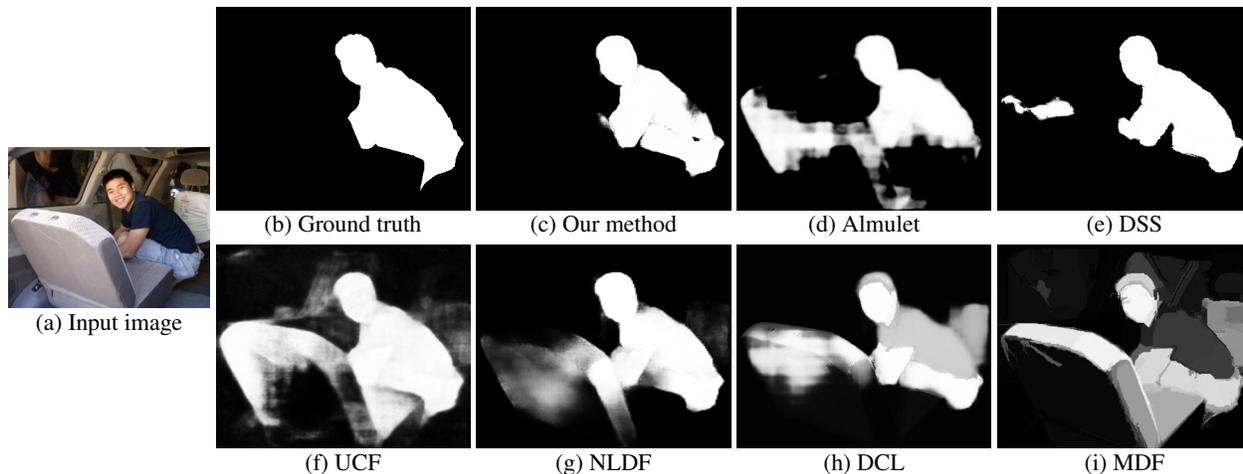


Figure 13: Additional comparison result of saliency maps #13. (a) Input image; (b) Ground truth; (c) Our method; (d) Almulet (Zhang et al. 2017a); (e) DSS (Hou et al. 2017); (f) UCF (Zhang et al. 2017b); (g) NLDF (Luo et al. 2017); (h) DCL (Li and Yu 2016); (i) MDF (Li and Yu 2015). Apparently, our method can produce more accurate saliency maps than others, and closest to the ground truth.

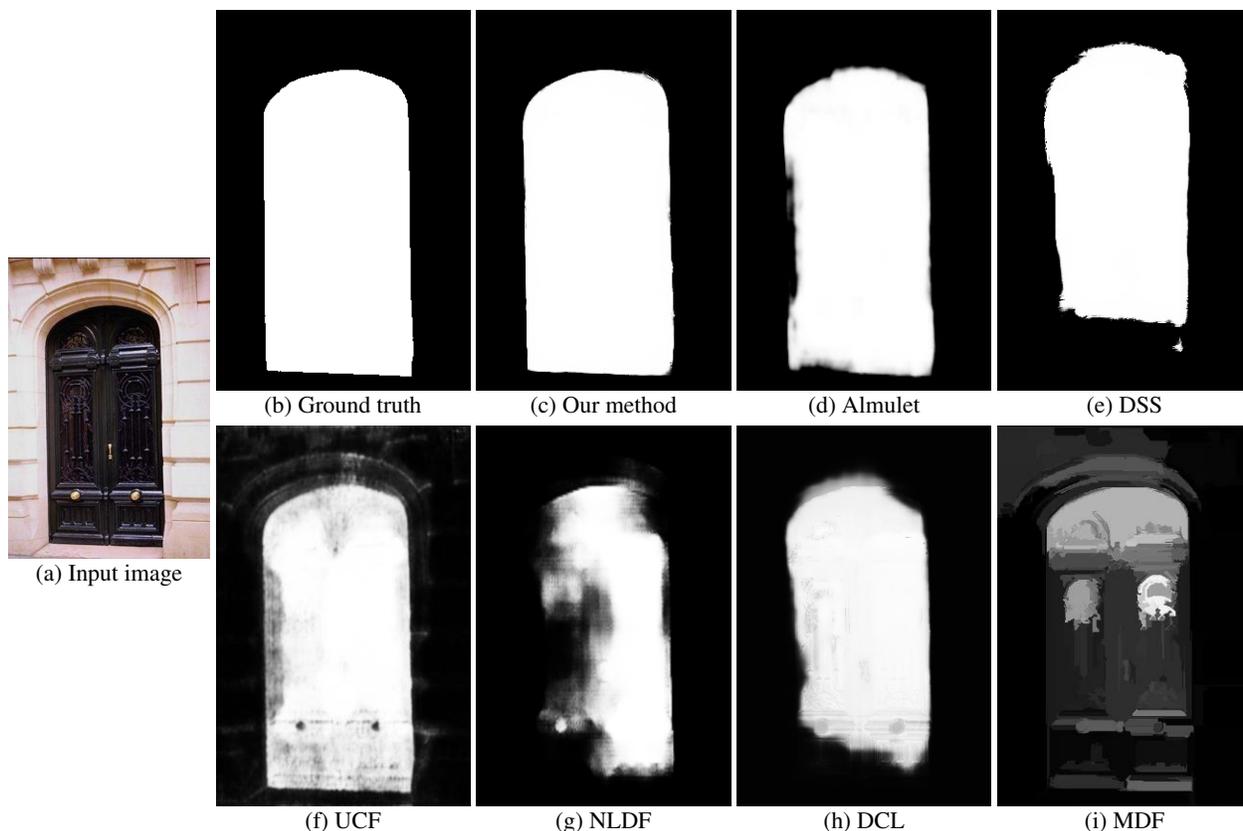


Figure 14: Additional comparison result of saliency maps #14. (a) Input image; (b) Ground truth; (c) Our method; (d) Almulet (Zhang et al. 2017a); (e) DSS (Hou et al. 2017); (f) UCF (Zhang et al. 2017b); (g) NLDF (Luo et al. 2017); (h) DCL (Li and Yu 2016); (i) MDF (Li and Yu 2015). Apparently, our method can produce more accurate saliency maps than others, and closest to the ground truth.

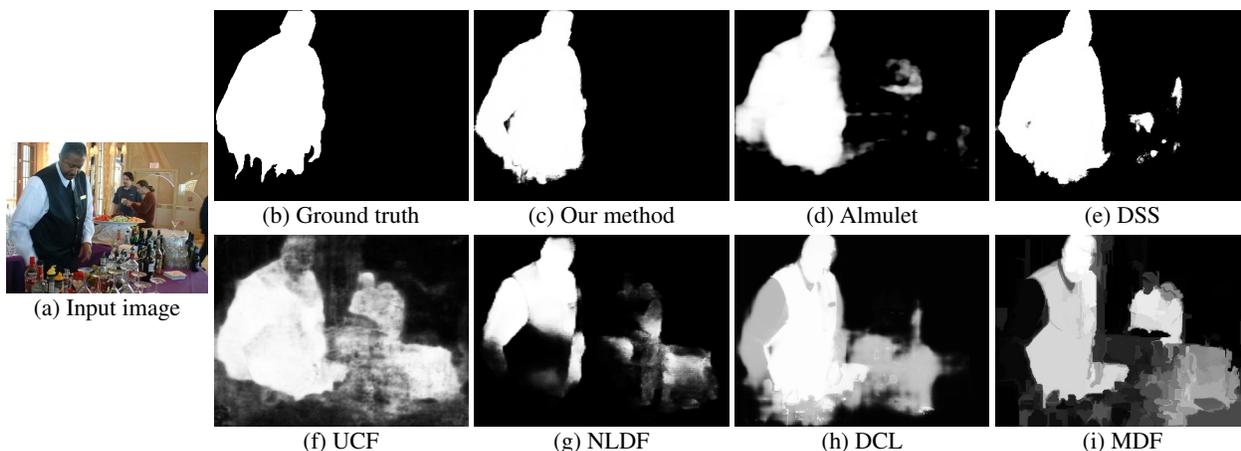


Figure 15: Additional comparison result of saliency maps #15. (a) Input image; (b) Ground truth; (c) Our method; (d) Almulet (Zhang et al. 2017a); (e) DSS (Hou et al. 2017); (f) UCF (Zhang et al. 2017b); (g) NLDF (Luo et al. 2017); (h) DCL (Li and Yu 2016); (i) MDF (Li and Yu 2015). Apparently, our method can produce more accurate saliency maps than others, and closest to the ground truth.

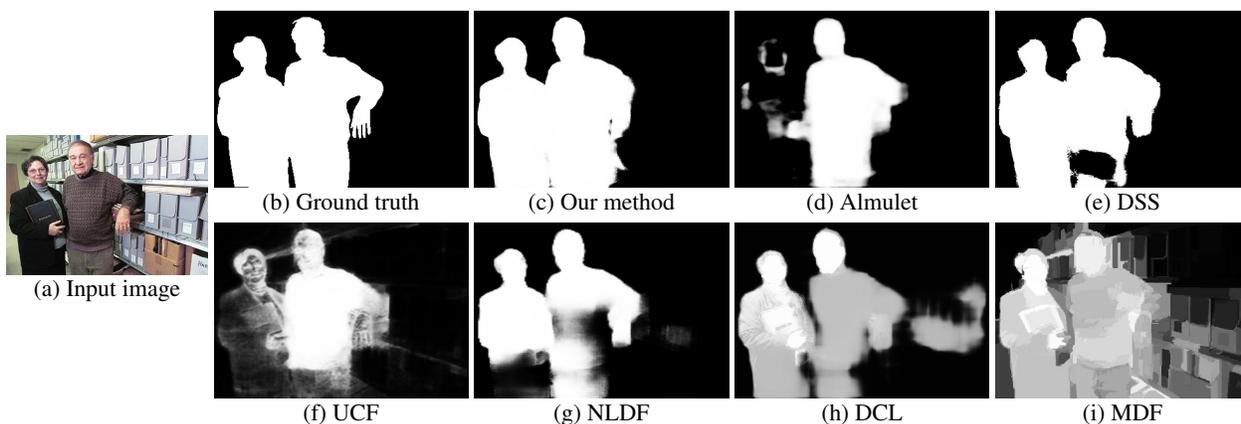


Figure 16: Additional comparison result of saliency maps #16. (a) Input image; (b) Ground truth; (c) Our method; (d) Almulet (Zhang et al. 2017a); (e) DSS (Hou et al. 2017); (f) UCF (Zhang et al. 2017b); (g) NLDF (Luo et al. 2017); (h) DCL (Li and Yu 2016); (i) MDF (Li and Yu 2015). Apparently, our method can produce more accurate saliency maps than others, and closest to the ground truth.

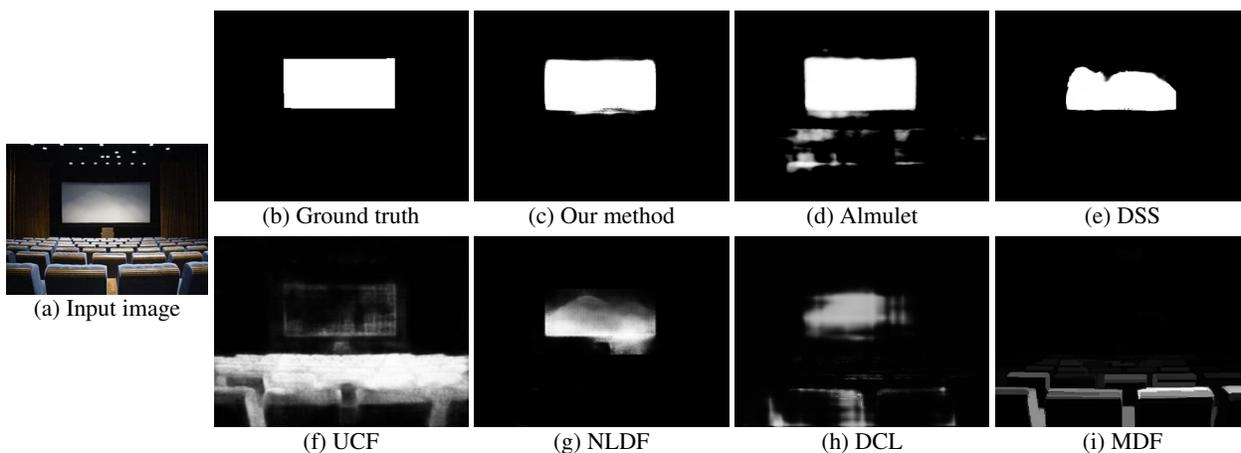


Figure 17: Additional comparison result of saliency maps #17. (a) Input image; (b) Ground truth; (c) Our method; (d) Almulet (Zhang et al. 2017a); (e) DSS (Hou et al. 2017); (f) UCF (Zhang et al. 2017b); (g) NLDF (Luo et al. 2017); (h) DCL (Li and Yu 2016); (i) MDF (Li and Yu 2015). Apparently, our method can produce more accurate saliency maps than others, and closest to the ground truth.

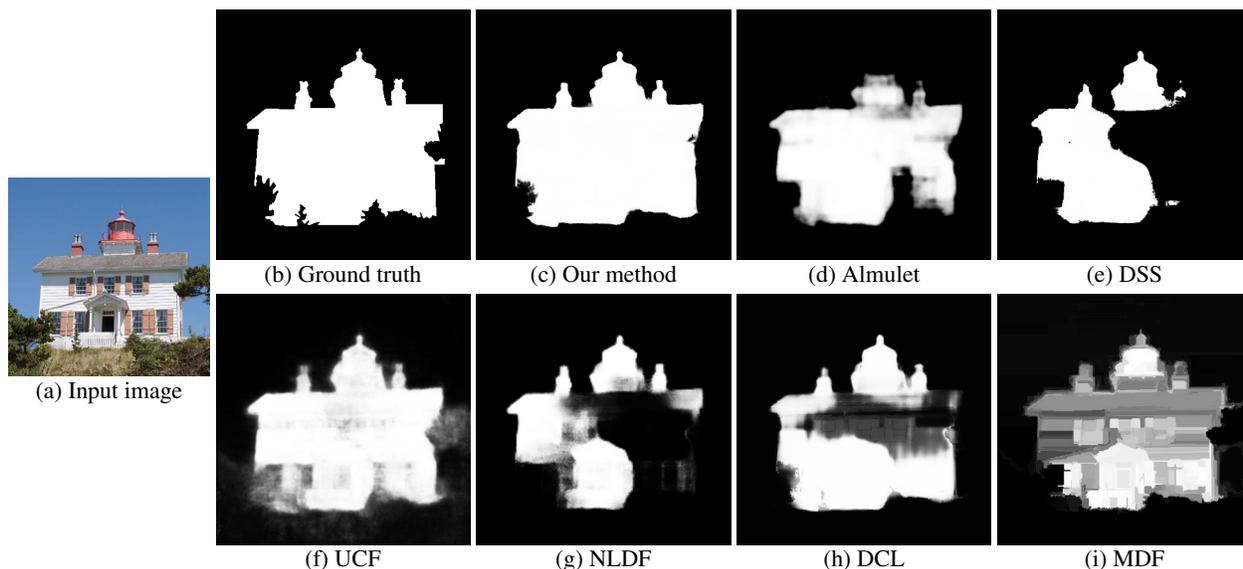


Figure 18: Additional comparison result of saliency maps #18. (a) Input image; (b) Ground truth; (c) Our method; (d) Almulet (Zhang et al. 2017a); (e) DSS (Hou et al. 2017); (f) UCF (Zhang et al. 2017b); (g) NLDF (Luo et al. 2017); (h) DCL (Li and Yu 2016); (i) MDF (Li and Yu 2015). Apparently, our method can produce more accurate saliency maps than others, and closest to the ground truth.

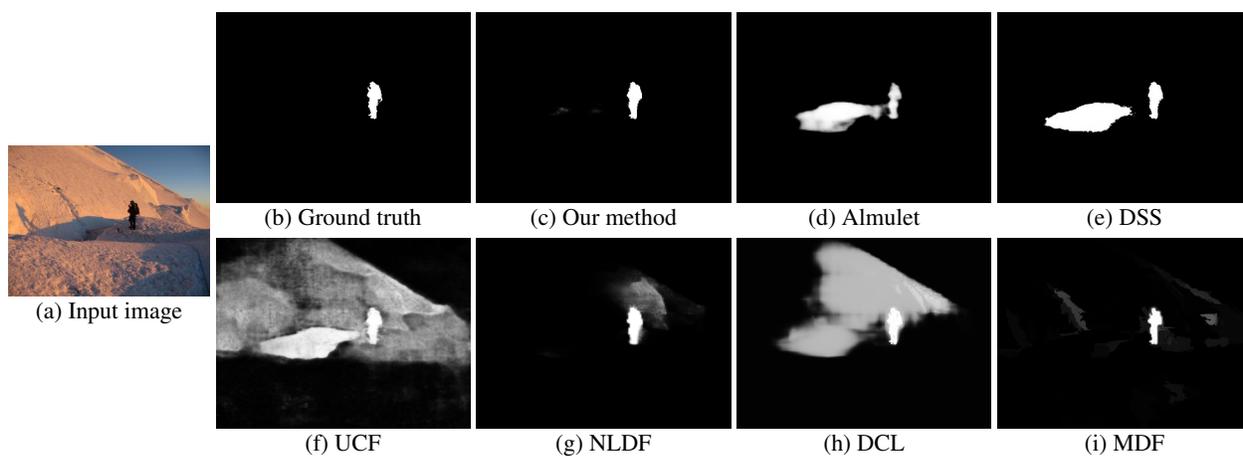


Figure 19: Additional comparison result of saliency maps #19. (a) Input image; (b) Ground truth; (c) Our method; (d) Almulet (Zhang et al. 2017a); (e) DSS (Hou et al. 2017); (f) UCF (Zhang et al. 2017b); (g) NLDF (Luo et al. 2017); (h) DCL (Li and Yu 2016); (i) MDF (Li and Yu 2015). Apparently, our method can produce more accurate saliency maps than others, and closest to the ground truth.

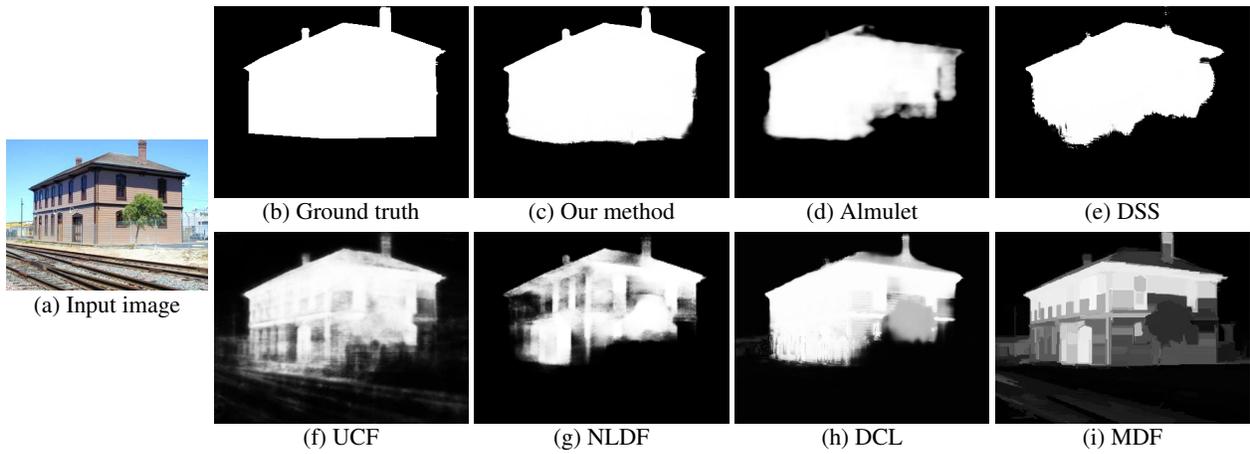


Figure 20: Additional comparison result of saliency maps #20. (a) Input image; (b) Ground truth; (c) Our method; (d) Almulet (Zhang et al. 2017a); (e) DSS (Hou et al. 2017); (f) UCF (Zhang et al. 2017b); (g) NLDF (Luo et al. 2017); (h) DCL (Li and Yu 2016); (i) MDF (Li and Yu 2015). Apparently, our method can produce more accurate saliency maps than others, and closest to the ground truth.

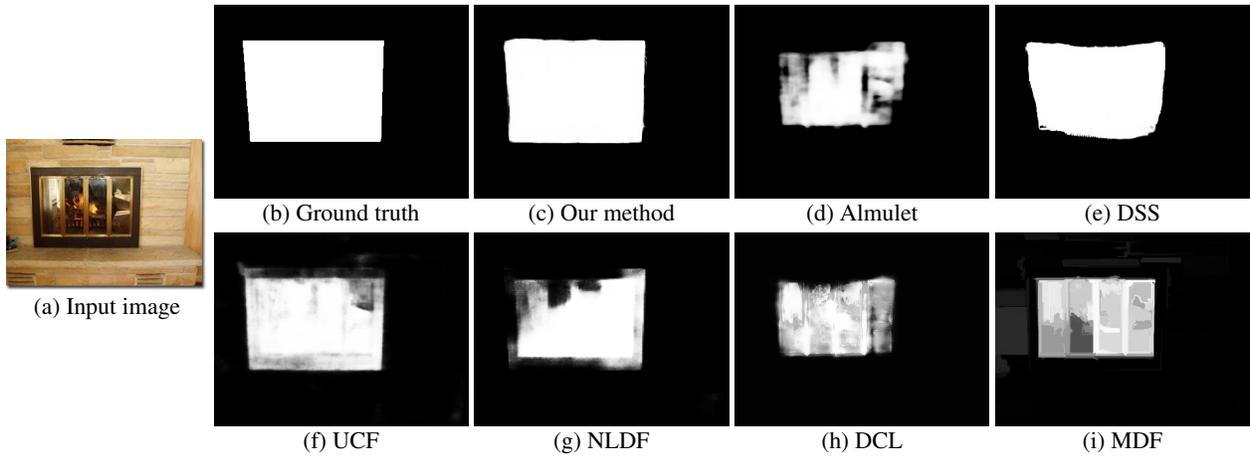


Figure 21: Additional comparison result of saliency maps #21. (a) Input image; (b) Ground truth; (c) Our method; (d) Almulet (Zhang et al. 2017a); (e) DSS (Hou et al. 2017); (f) UCF (Zhang et al. 2017b); (g) NLDF (Luo et al. 2017); (h) DCL (Li and Yu 2016); (i) MDF (Li and Yu 2015). Apparently, our method can produce more accurate saliency maps than others, and closest to the ground truth.

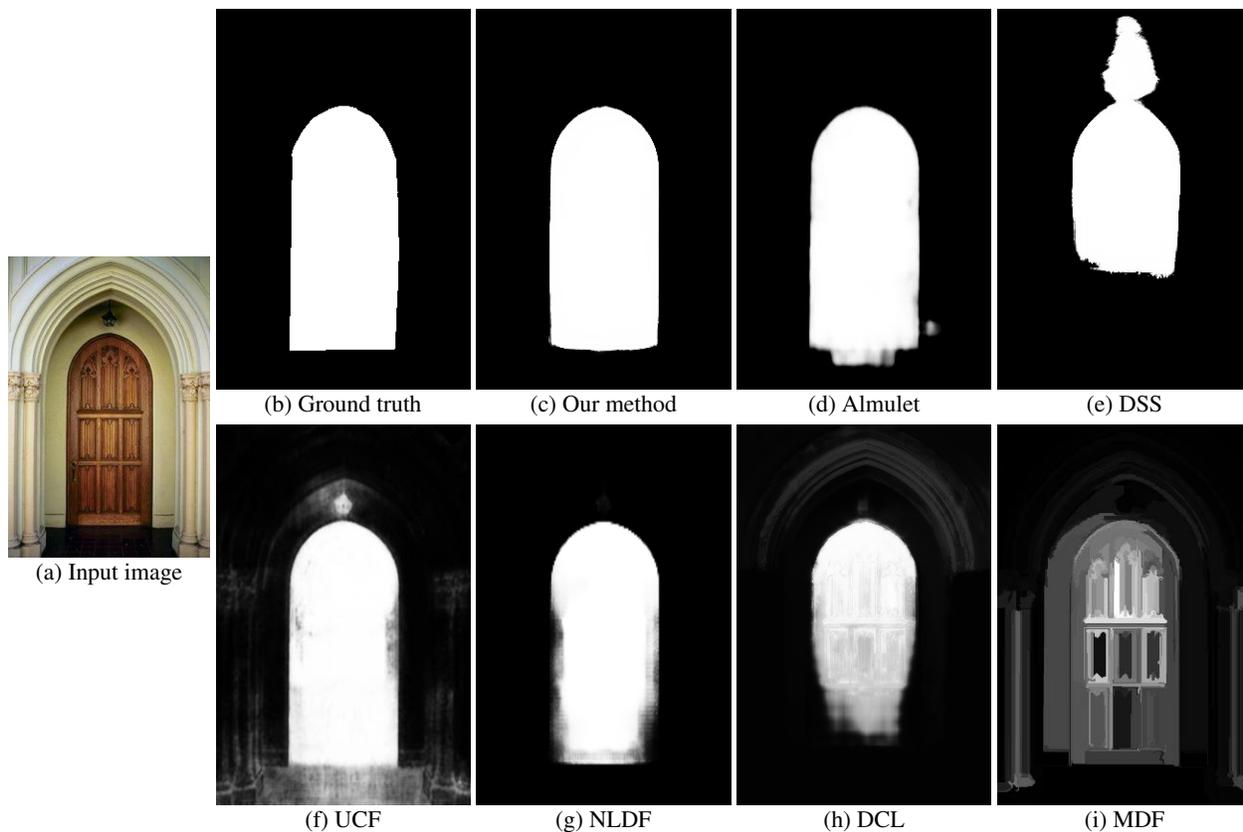


Figure 22: Additional comparison result of saliency maps #22. (a) Input image; (b) Ground truth; (c) Our method; (d) Almulet (Zhang et al. 2017a); (e) DSS (Hou et al. 2017); (f) UCF (Zhang et al. 2017b); (g) NLDF (Luo et al. 2017); (h) DCL (Li and Yu 2016); (i) MDF (Li and Yu 2015). Apparently, our method can produce more accurate saliency maps than others, and closest to the ground truth.

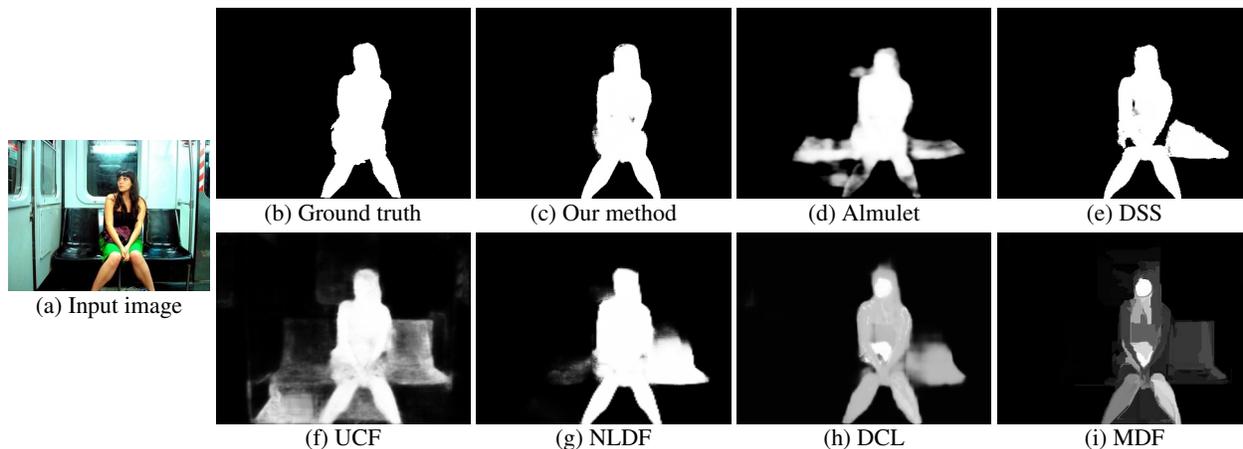


Figure 23: Additional comparison result of saliency maps #23. (a) Input image; (b) Ground truth; (c) Our method; (d) Almulet (Zhang et al. 2017a); (e) DSS (Hou et al. 2017); (f) UCF (Zhang et al. 2017b); (g) NLDF (Luo et al. 2017); (h) DCL (Li and Yu 2016); (i) MDF (Li and Yu 2015). Apparently, our method can produce more accurate saliency maps than others, and closest to the ground truth.

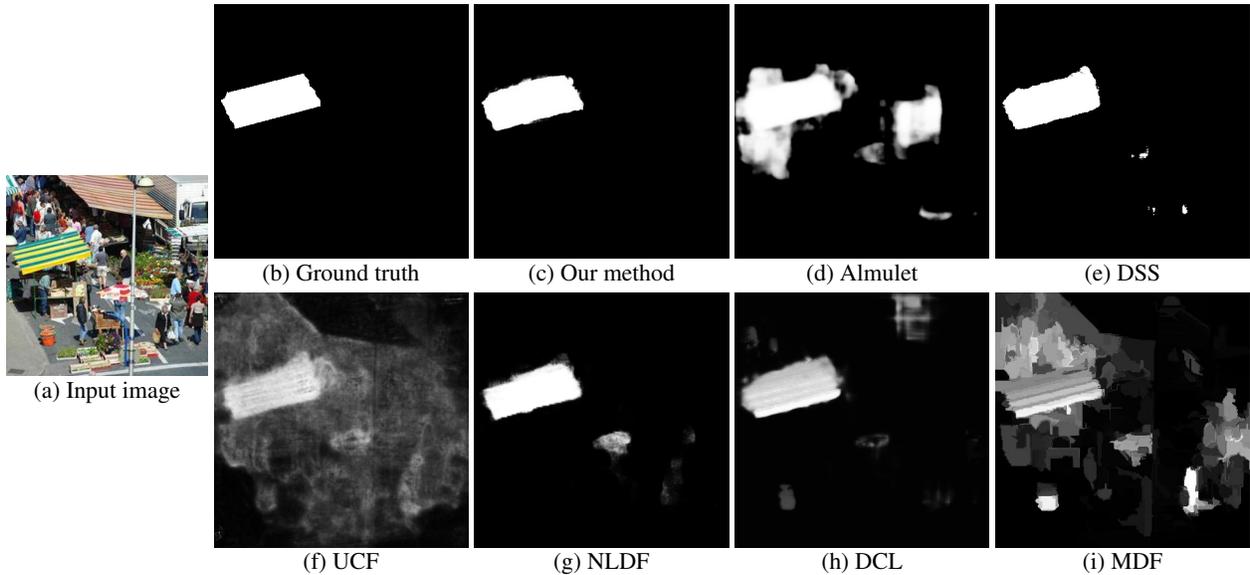


Figure 24: Additional comparison result of saliency maps #24. (a) Input image; (b) Ground truth; (c) Our method; (d) Almulet (Zhang et al. 2017a); (e) DSS (Hou et al. 2017); (f) UCF (Zhang et al. 2017b); (g) NLDF (Luo et al. 2017); (h) DCL (Li and Yu 2016); (i) MDF (Li and Yu 2015). Apparently, our method can produce more accurate saliency maps than others, and closest to the ground truth.

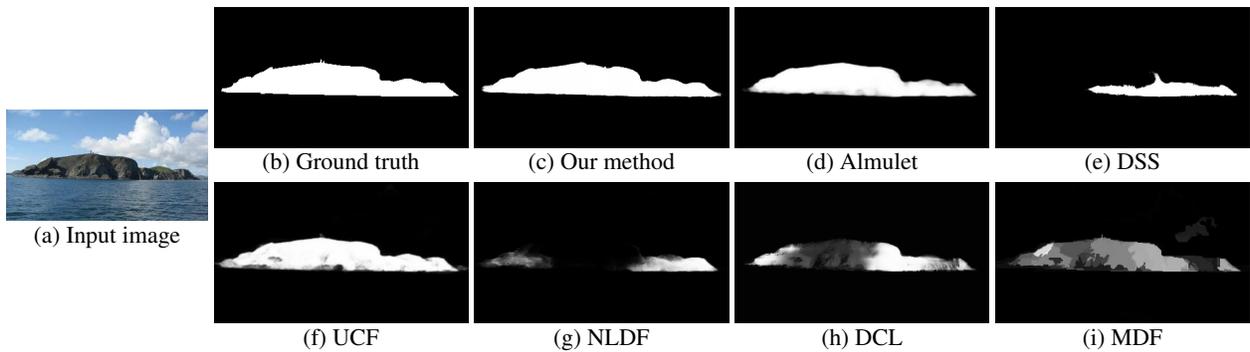


Figure 25: Additional comparison result of saliency maps #25. (a) Input image; (b) Ground truth; (c) Our method; (d) Almulet (Zhang et al. 2017a); (e) DSS (Hou et al. 2017); (f) UCF (Zhang et al. 2017b); (g) NLDF (Luo et al. 2017); (h) DCL (Li and Yu 2016); (i) MDF (Li and Yu 2015). Apparently, our method can produce more accurate saliency maps than others, and closest to the ground truth.

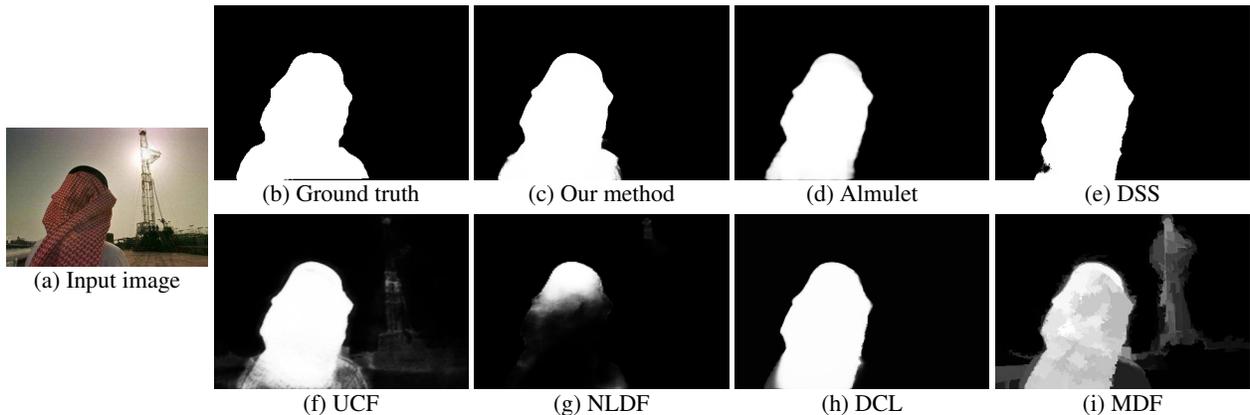


Figure 26: Additional comparison result of saliency maps #26. (a) Input image; (b) Ground truth; (c) Our method; (d) Almulet (Zhang et al. 2017a); (e) DSS (Hou et al. 2017); (f) UCF (Zhang et al. 2017b); (g) NLDF (Luo et al. 2017); (h) DCL (Li and Yu 2016); (i) MDF (Li and Yu 2015). Apparently, our method can produce more accurate saliency maps than others, and closest to the ground truth.

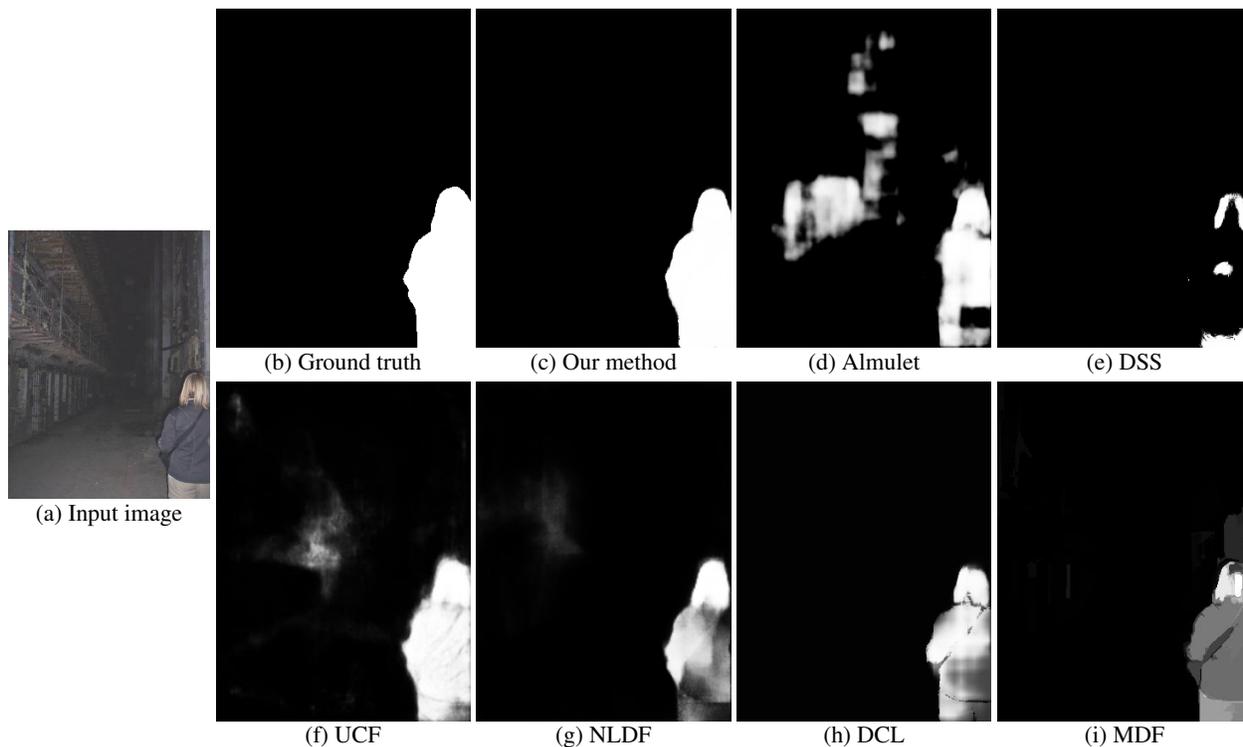


Figure 27: Additional comparison result of saliency maps #27. (a) Input image; (b) Ground truth; (c) Our method; (d) Almulet (Zhang et al. 2017a); (e) DSS (Hou et al. 2017); (f) UCF (Zhang et al. 2017b); (g) NLDF (Luo et al. 2017); (h) DCL (Li and Yu 2016); (i) MDF (Li and Yu 2015). Apparently, our method can produce more accurate saliency maps than others, and closest to the ground truth.

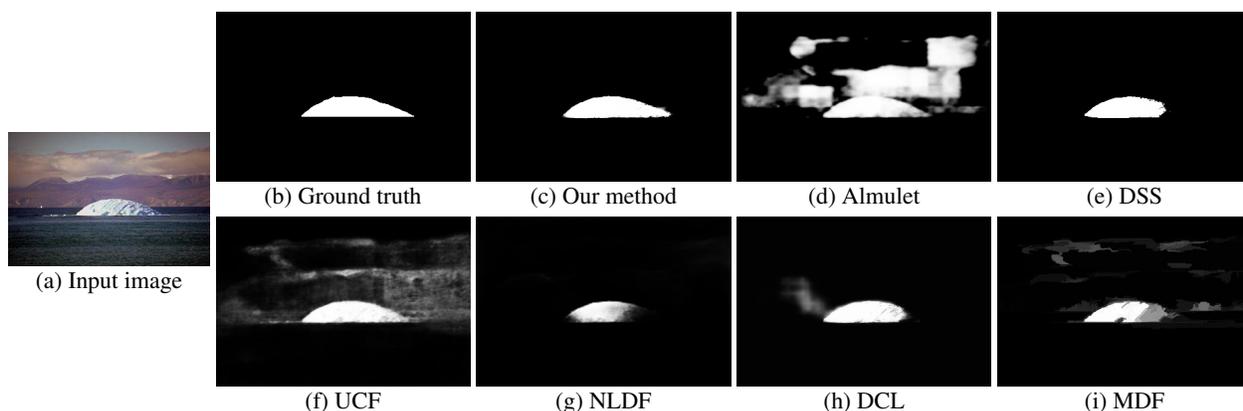


Figure 28: Additional comparison result of saliency maps #28. (a) Input image; (b) Ground truth; (c) Our method; (d) Almulet (Zhang et al. 2017a); (e) DSS (Hou et al. 2017); (f) UCF (Zhang et al. 2017b); (g) NLDF (Luo et al. 2017); (h) DCL (Li and Yu 2016); (i) MDF (Li and Yu 2015). Apparently, our method can produce more accurate saliency maps than others, and closest to the ground truth.

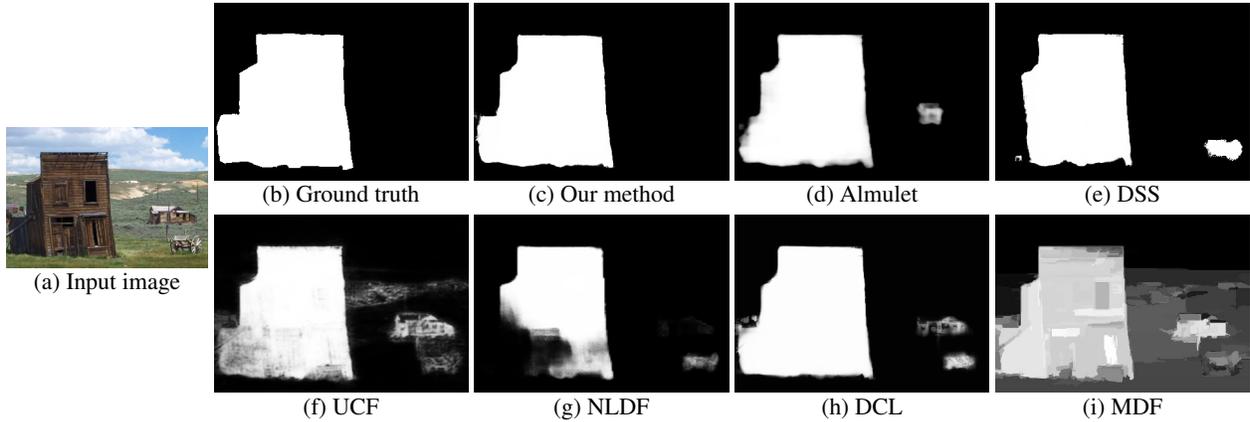


Figure 29: Additional comparison result of saliency maps #29. (a) Input image; (b) Ground truth; (c) Our method; (d) Almulet (Zhang et al. 2017a); (e) DSS (Hou et al. 2017); (f) UCF (Zhang et al. 2017b); (g) NLDF (Luo et al. 2017); (h) DCL (Li and Yu 2016); (i) MDF (Li and Yu 2015). Apparently, our method can produce more accurate saliency maps than others, and closest to the ground truth.

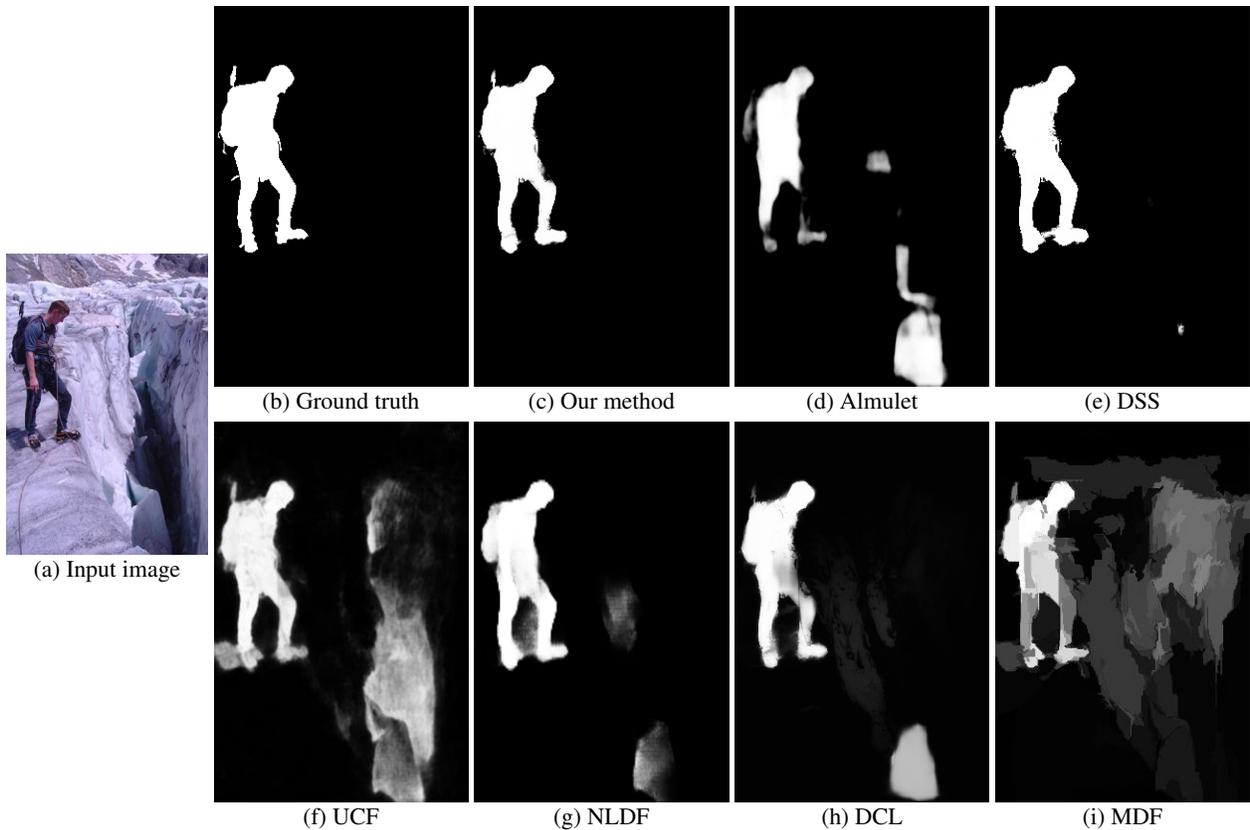


Figure 30: Additional comparison result of saliency maps #30. (a) Input image; (b) Ground truth; (c) Our method; (d) Almulet (Zhang et al. 2017a); (e) DSS (Hou et al. 2017); (f) UCF (Zhang et al. 2017b); (g) NLDF (Luo et al. 2017); (h) DCL (Li and Yu 2016); (i) MDF (Li and Yu 2015). Apparently, our method can produce more accurate saliency maps than others, and closest to the ground truth.

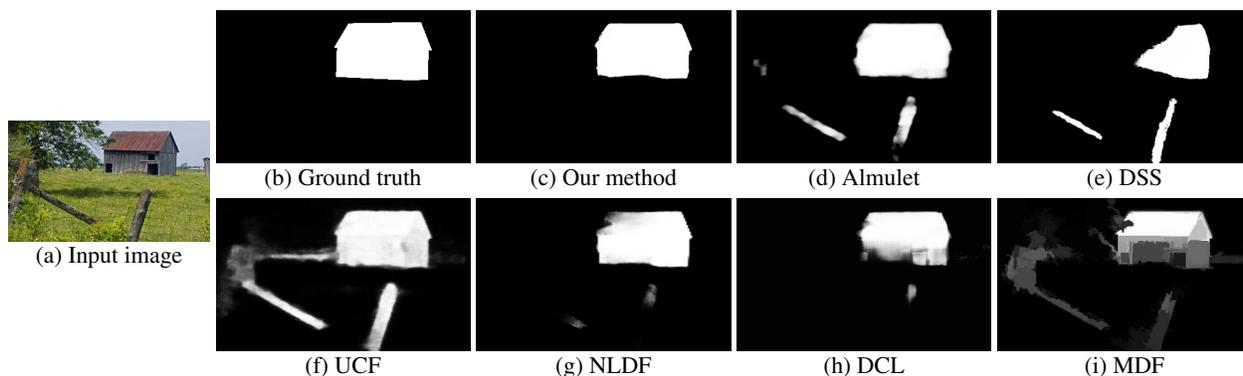


Figure 31: Additional comparison result of saliency maps #31. (a) Input image; (b) Ground truth; (c) Our method; (d) Almulet (Zhang et al. 2017a); (e) DSS (Hou et al. 2017); (f) UCF (Zhang et al. 2017b); (g) NLDF (Luo et al. 2017); (h) DCL (Li and Yu 2016); (i) MDF (Li and Yu 2015). Apparently, our method can produce more accurate saliency maps than others, and closest to the ground truth.

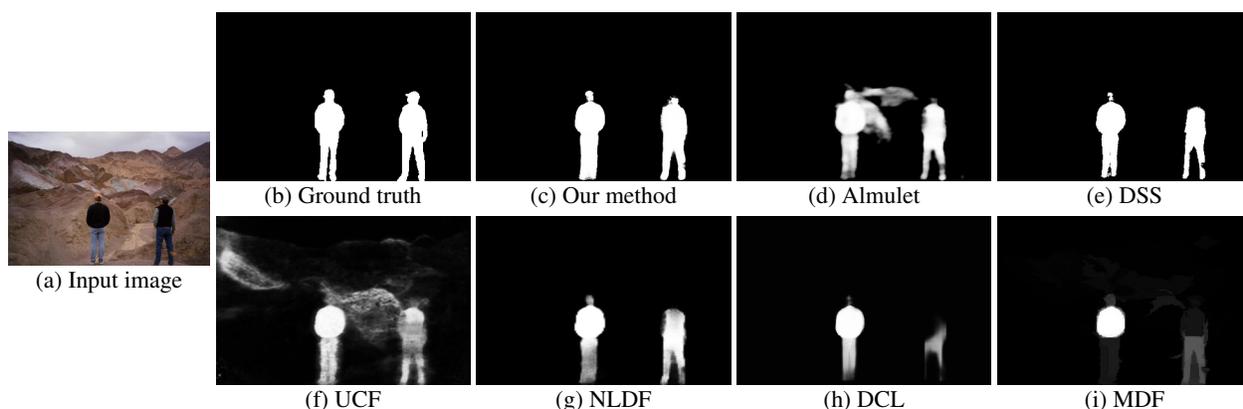


Figure 32: Additional comparison result of saliency maps #32. (a) Input image; (b) Ground truth; (c) Our method; (d) Almulet (Zhang et al. 2017a); (e) DSS (Hou et al. 2017); (f) UCF (Zhang et al. 2017b); (g) NLDF (Luo et al. 2017); (h) DCL (Li and Yu 2016); (i) MDF (Li and Yu 2015). Apparently, our method can produce more accurate saliency maps than others, and closest to the ground truth.

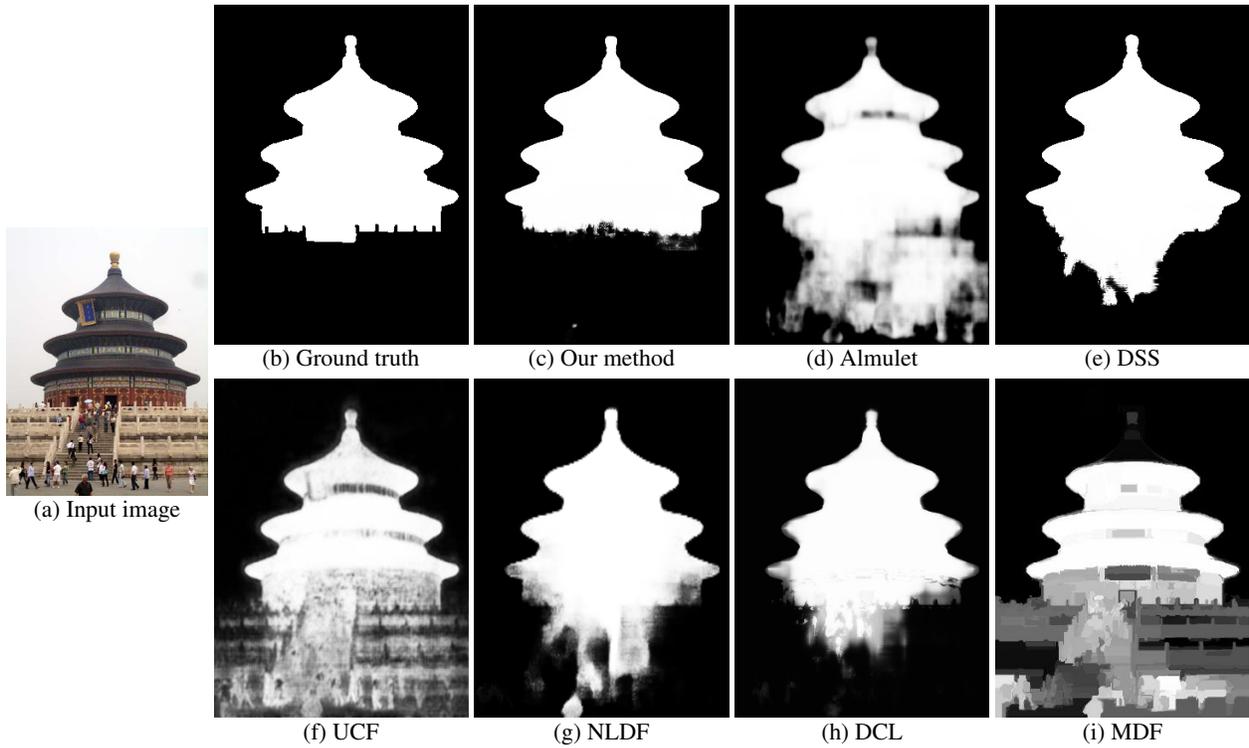


Figure 33: Additional comparison result of saliency maps #33. (a) Input image; (b) Ground truth; (c) Our method; (d) Almulet (Zhang et al. 2017a); (e) DSS (Hou et al. 2017); (f) UCF (Zhang et al. 2017b); (g) NLDF (Luo et al. 2017); (h) DCL (Li and Yu 2016); (i) MDF (Li and Yu 2015). Apparently, our method can produce more accurate saliency maps than others, and closest to the ground truth.

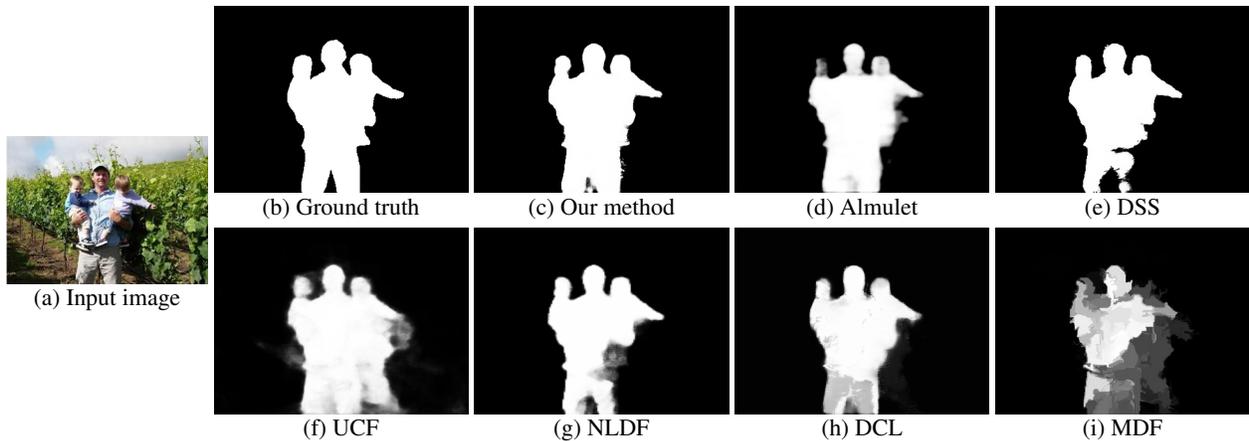


Figure 34: Additional comparison result of saliency maps #34. (a) Input image; (b) Ground truth; (c) Our method; (d) Almulet (Zhang et al. 2017a); (e) DSS (Hou et al. 2017); (f) UCF (Zhang et al. 2017b); (g) NLDF (Luo et al. 2017); (h) DCL (Li and Yu 2016); (i) MDF (Li and Yu 2015). Apparently, our method can produce more accurate saliency maps than others, and closest to the ground truth.

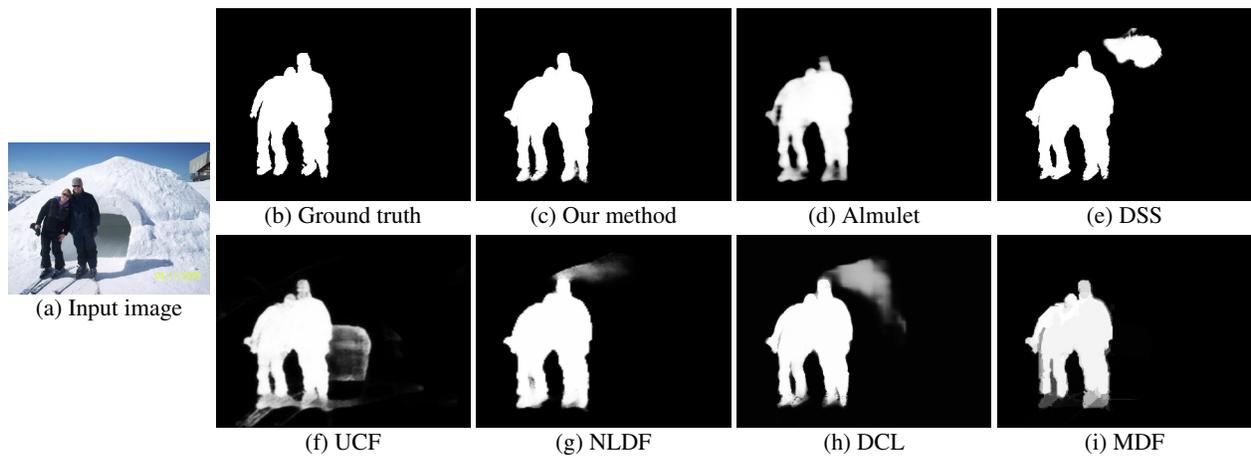


Figure 35: Additional comparison result of saliency maps #35. (a) Input image; (b) Ground truth; (c) Our method; (d) Almulet (Zhang et al. 2017a); (e) DSS (Hou et al. 2017); (f) UCF (Zhang et al. 2017b); (g) NLDF (Luo et al. 2017); (h) DCL (Li and Yu 2016); (i) MDF (Li and Yu 2015). Apparently, our method can produce more accurate saliency maps than others, and closest to the ground truth.

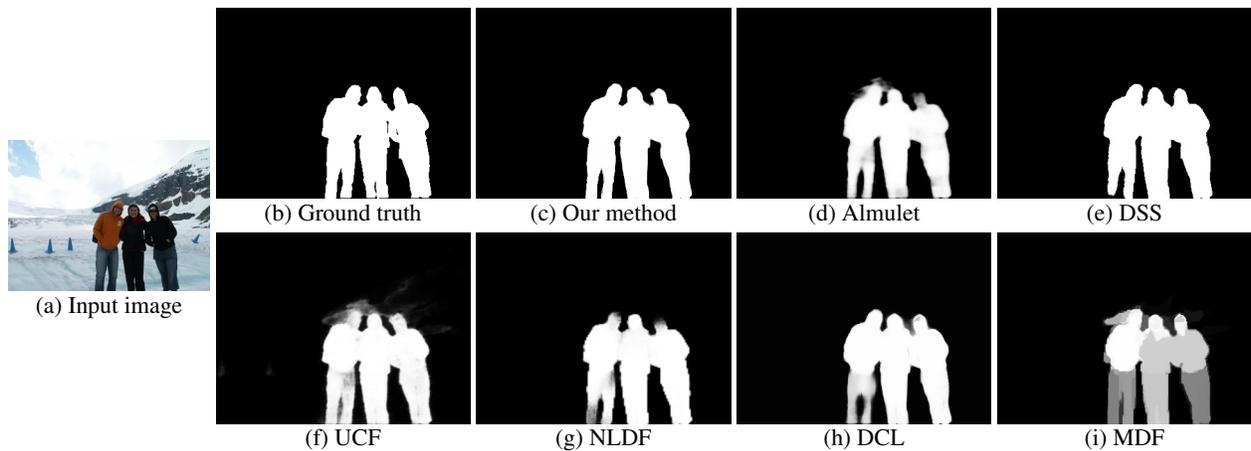


Figure 36: Additional comparison result of saliency maps #36. (a) Input image; (b) Ground truth; (c) Our method; (d) Almulet (Zhang et al. 2017a); (e) DSS (Hou et al. 2017); (f) UCF (Zhang et al. 2017b); (g) NLDF (Luo et al. 2017); (h) DCL (Li and Yu 2016); (i) MDF (Li and Yu 2015). Apparently, our method can produce more accurate saliency maps than others, and closest to the ground truth.

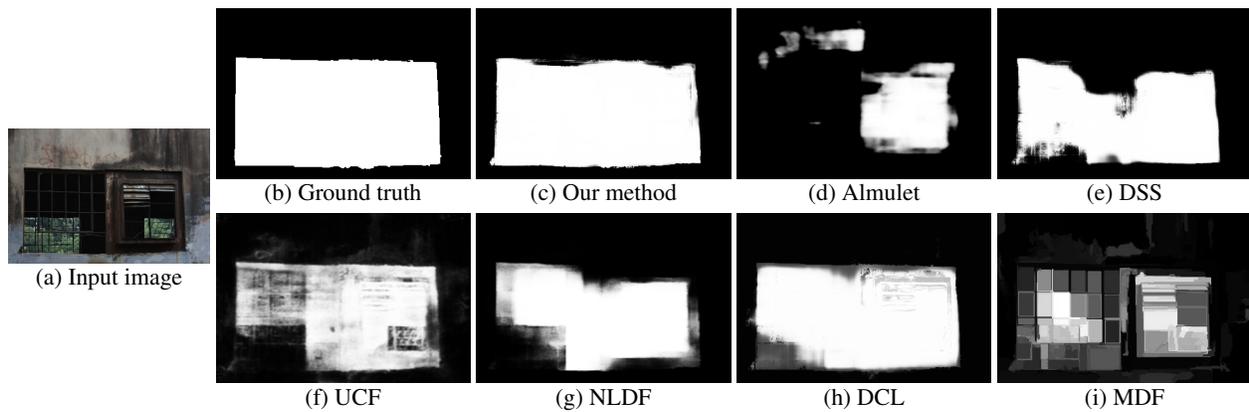


Figure 37: Additional comparison result of saliency maps #37. (a) Input image; (b) Ground truth; (c) Our method; (d) Almulet (Zhang et al. 2017a); (e) DSS (Hou et al. 2017); (f) UCF (Zhang et al. 2017b); (g) NLDF (Luo et al. 2017); (h) DCL (Li and Yu 2016); (i) MDF (Li and Yu 2015). Apparently, our method can produce more accurate saliency maps than others, and closest to the ground truth.

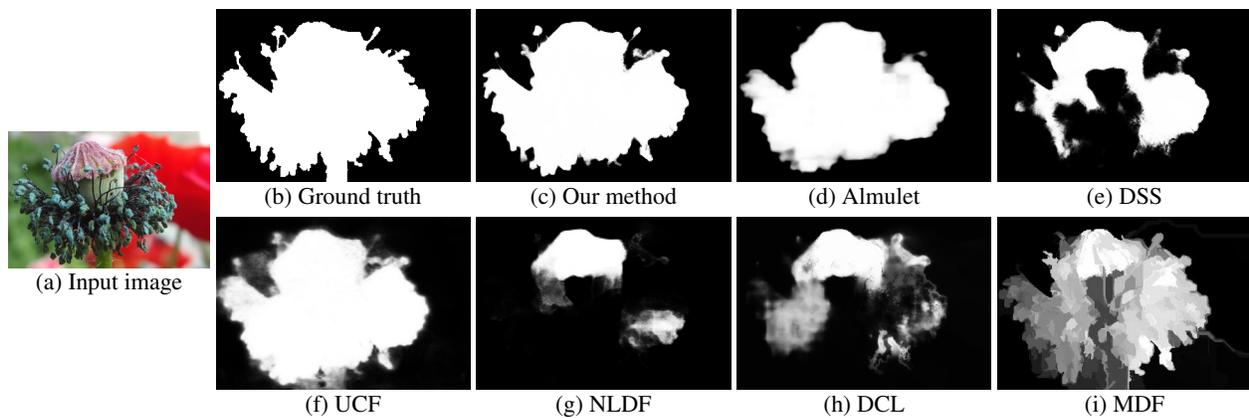


Figure 38: Additional comparison result of saliency maps #38. (a) Input image; (b) Ground truth; (c) Our method; (d) Almulet (Zhang et al. 2017a); (e) DSS (Hou et al. 2017); (f) UCF (Zhang et al. 2017b); (g) NLDF (Luo et al. 2017); (h) DCL (Li and Yu 2016); (i) MDF (Li and Yu 2015). Apparently, our method can produce more accurate saliency maps than others, and closest to the ground truth.

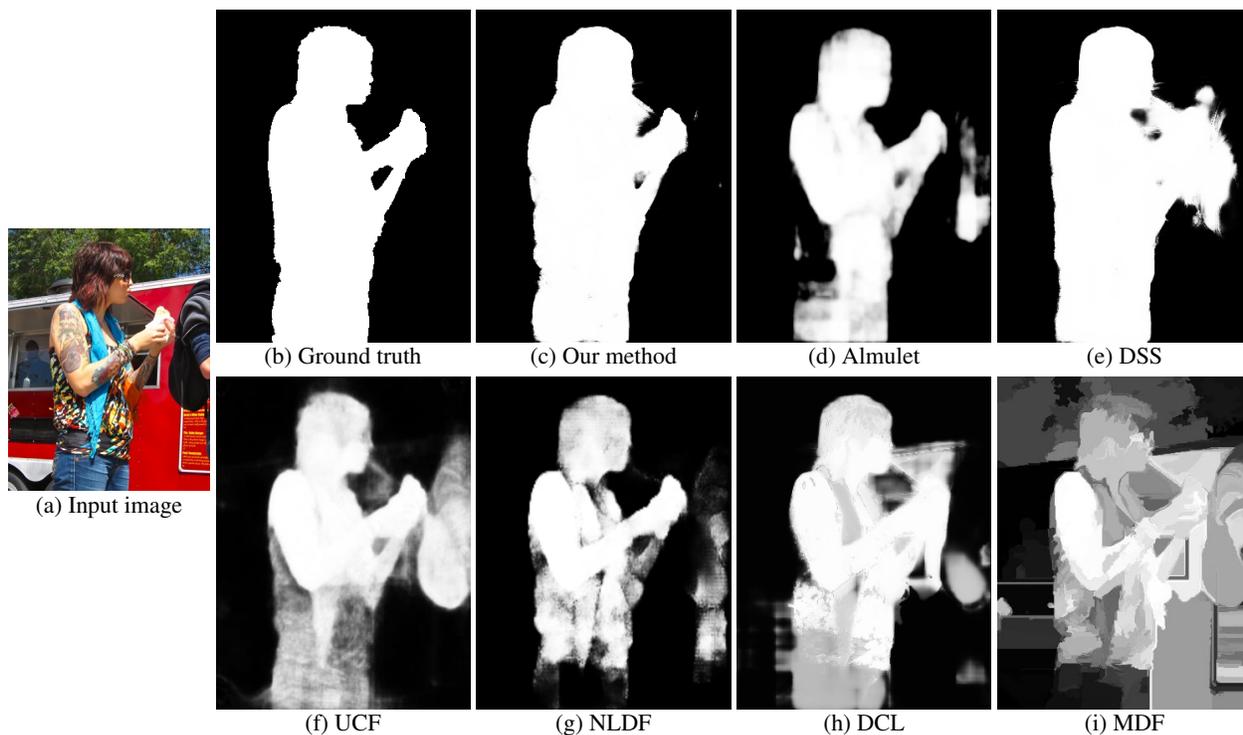


Figure 39: Additional comparison result of saliency maps #39. (a) Input image; (b) Ground truth; (c) Our method; (d) Almulet (Zhang et al. 2017a); (e) DSS (Hou et al. 2017); (f) UCF (Zhang et al. 2017b); (g) NLDF (Luo et al. 2017); (h) DCL (Li and Yu 2016); (i) MDF (Li and Yu 2015). Apparently, our method can produce more accurate saliency maps than others, and closest to the ground truth.

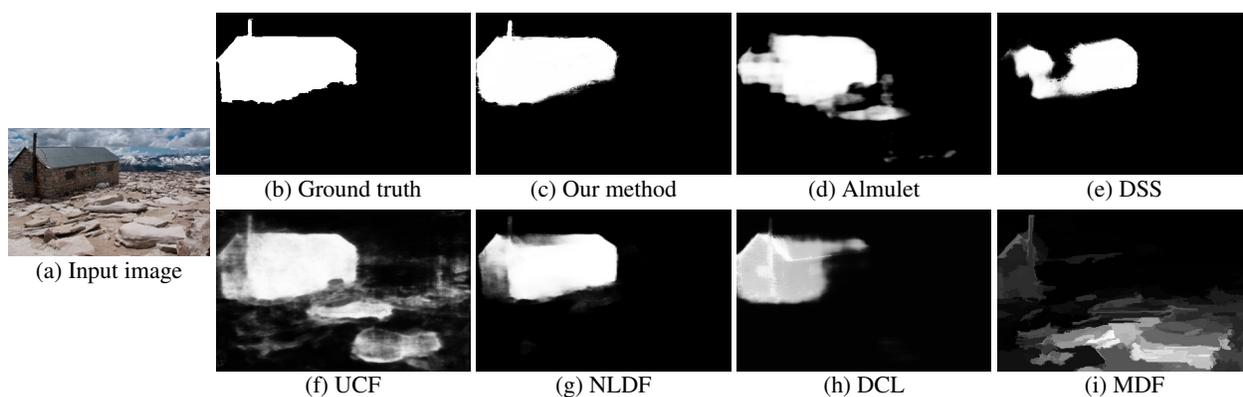


Figure 40: Additional comparison result of saliency maps #40. (a) Input image; (b) Ground truth; (c) Our method; (d) Almulet (Zhang et al. 2017a); (e) DSS (Hou et al. 2017); (f) UCF (Zhang et al. 2017b); (g) NLDF (Luo et al. 2017); (h) DCL (Li and Yu 2016); (i) MDF (Li and Yu 2015). Apparently, our method can produce more accurate saliency maps than others, and closest to the ground truth.

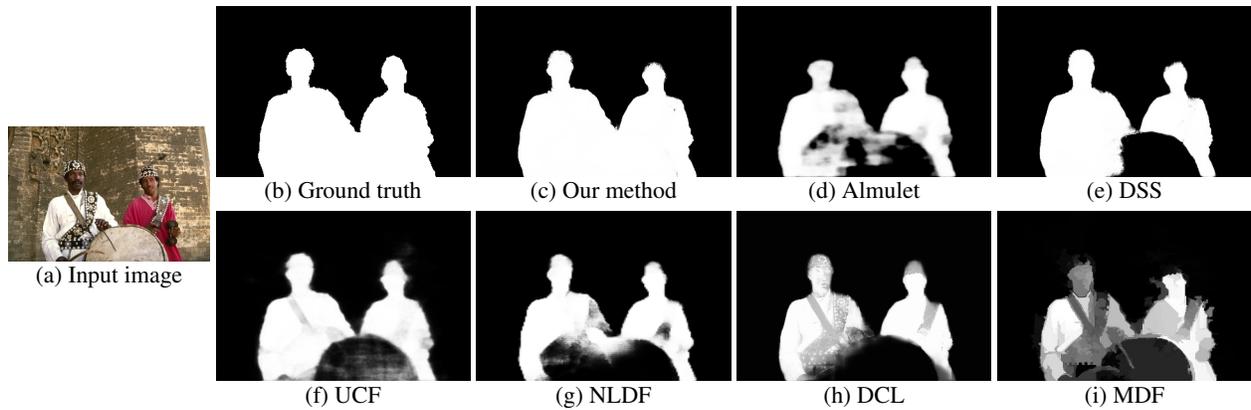


Figure 41: Additional comparison result of saliency maps #41. (a) Input image; (b) Ground truth; (c) Our method; (d) Almulet (Zhang et al. 2017a); (e) DSS (Hou et al. 2017); (f) UCF (Zhang et al. 2017b); (g) NLDF (Luo et al. 2017); (h) DCL (Li and Yu 2016); (i) MDF (Li and Yu 2015). Apparently, our method can produce more accurate saliency maps than others, and closest to the ground truth.

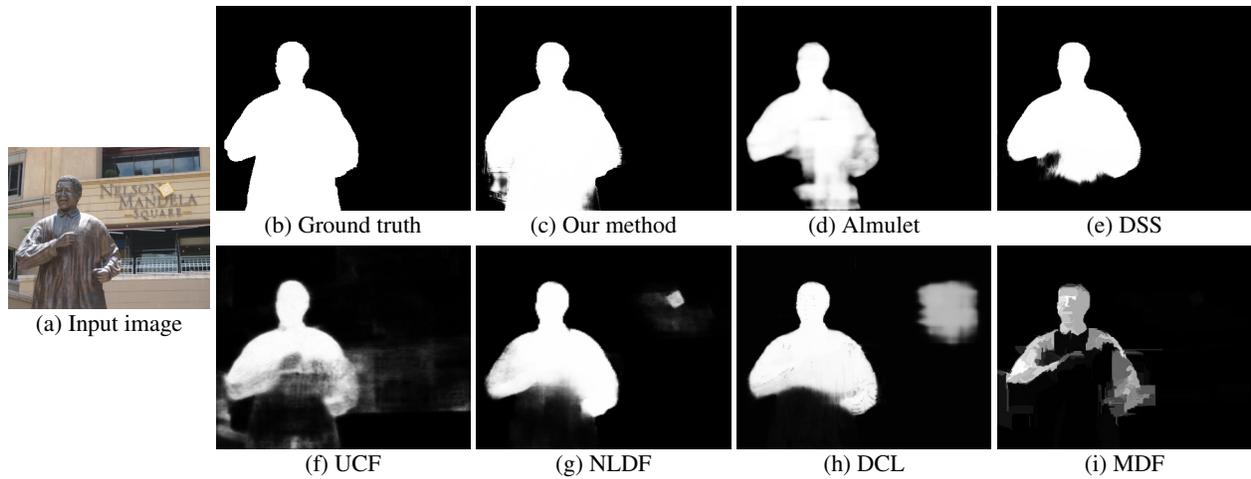


Figure 42: Additional comparison result of saliency maps #42. (a) Input image; (b) Ground truth; (c) Our method; (d) Almulet (Zhang et al. 2017a); (e) DSS (Hou et al. 2017); (f) UCF (Zhang et al. 2017b); (g) NLDF (Luo et al. 2017); (h) DCL (Li and Yu 2016); (i) MDF (Li and Yu 2015). Apparently, our method can produce more accurate saliency maps than others, and closest to the ground truth.

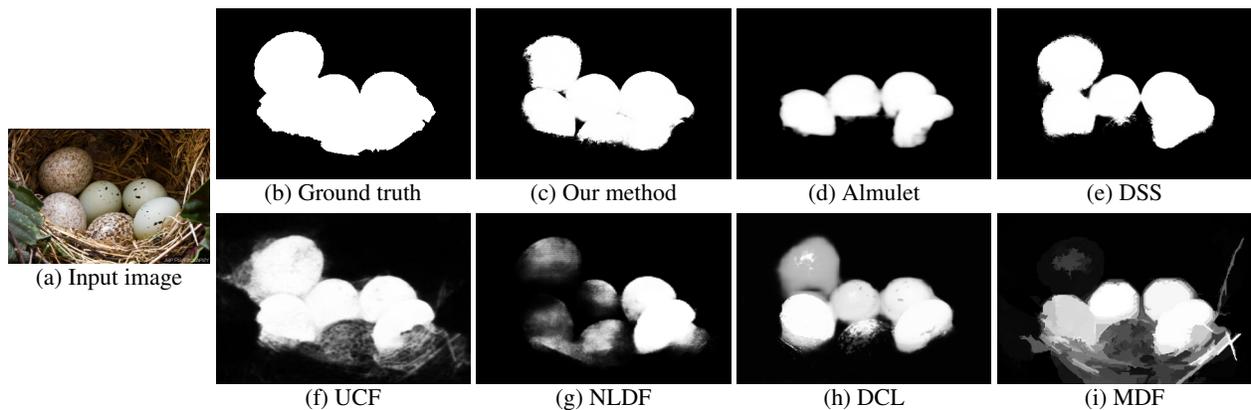


Figure 43: Additional comparison result of saliency maps #43. (a) Input image; (b) Ground truth; (c) Our method; (d) Almulet (Zhang et al. 2017a); (e) DSS (Hou et al. 2017); (f) UCF (Zhang et al. 2017b); (g) NLDF (Luo et al. 2017); (h) DCL (Li and Yu 2016); (i) MDF (Li and Yu 2015). Apparently, our method can produce more accurate saliency maps than others, and closest to the ground truth.

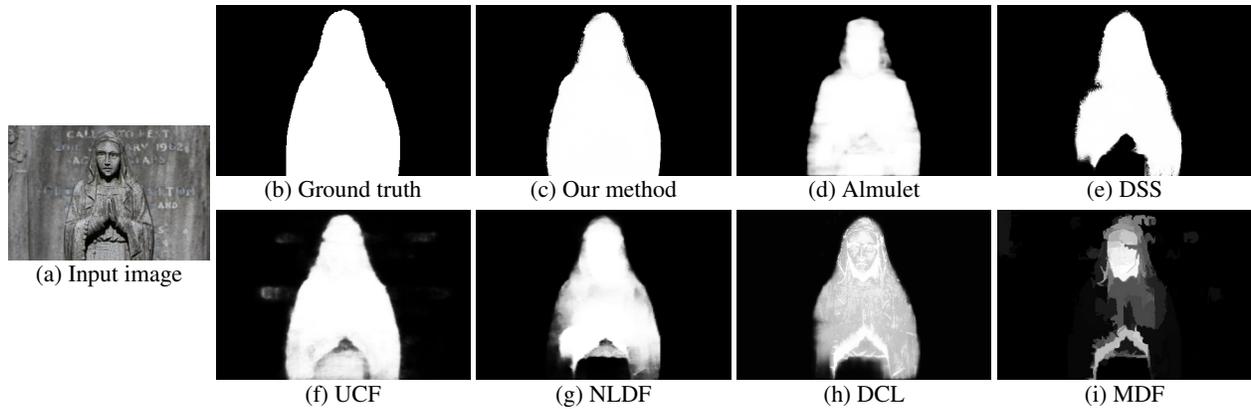


Figure 44: Additional comparison result of saliency maps #44. (a) Input image; (b) Ground truth; (c) Our method; (d) Almulet (Zhang et al. 2017a); (e) DSS (Hou et al. 2017); (f) UCF (Zhang et al. 2017b); (g) NLDF (Luo et al. 2017); (h) DCL (Li and Yu 2016); (i) MDF (Li and Yu 2015). Apparently, our method can produce more accurate saliency maps than others, and closest to the ground truth.

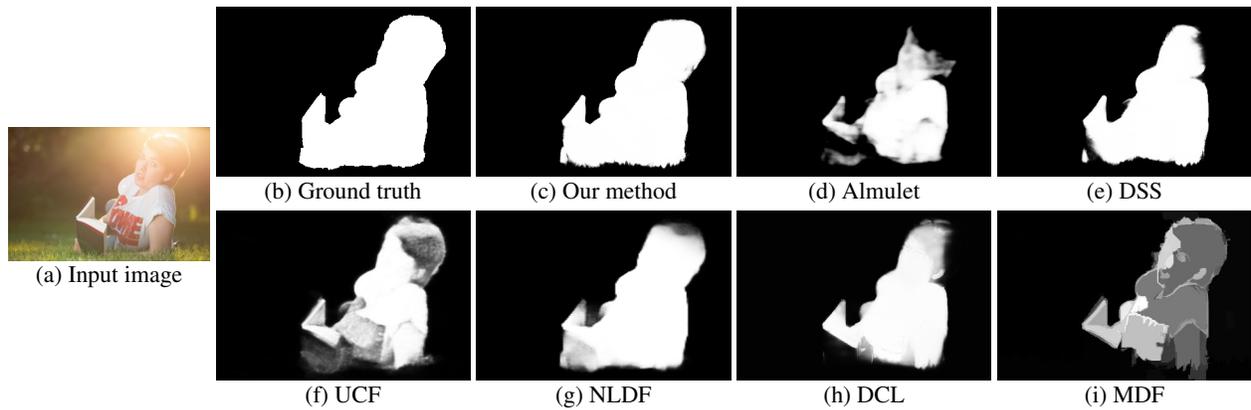


Figure 45: Additional comparison result of saliency maps #45. (a) Input image; (b) Ground truth; (c) Our method; (d) Almulet (Zhang et al. 2017a); (e) DSS (Hou et al. 2017); (f) UCF (Zhang et al. 2017b); (g) NLDF (Luo et al. 2017); (h) DCL (Li and Yu 2016); (i) MDF (Li and Yu 2015). Apparently, our method can produce more accurate saliency maps than others, and closest to the ground truth.

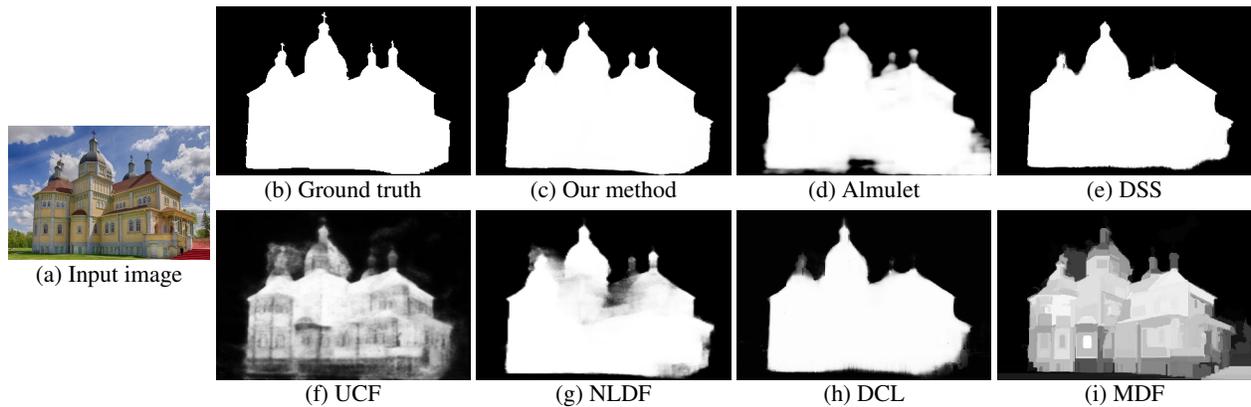


Figure 46: Additional comparison result of saliency maps #46. (a) Input image; (b) Ground truth; (c) Our method; (d) Almulet (Zhang et al. 2017a); (e) DSS (Hou et al. 2017); (f) UCF (Zhang et al. 2017b); (g) NLDF (Luo et al. 2017); (h) DCL (Li and Yu 2016); (i) MDF (Li and Yu 2015). Apparently, our method can produce more accurate saliency maps than others, and closest to the ground truth.

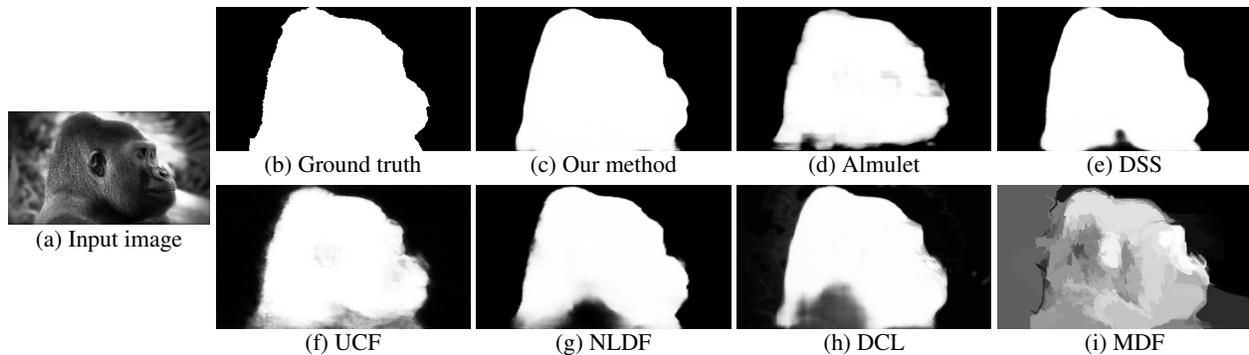


Figure 47: Additional comparison result of saliency maps #47. (a) Input image; (b) Ground truth; (c) Our method; (d) Almulet (Zhang et al. 2017a); (e) DSS (Hou et al. 2017); (f) UCF (Zhang et al. 2017b); (g) NLDF (Luo et al. 2017); (h) DCL (Li and Yu 2016); (i) MDF (Li and Yu 2015). Apparently, our method can produce more accurate saliency maps than others, and closest to the ground truth.

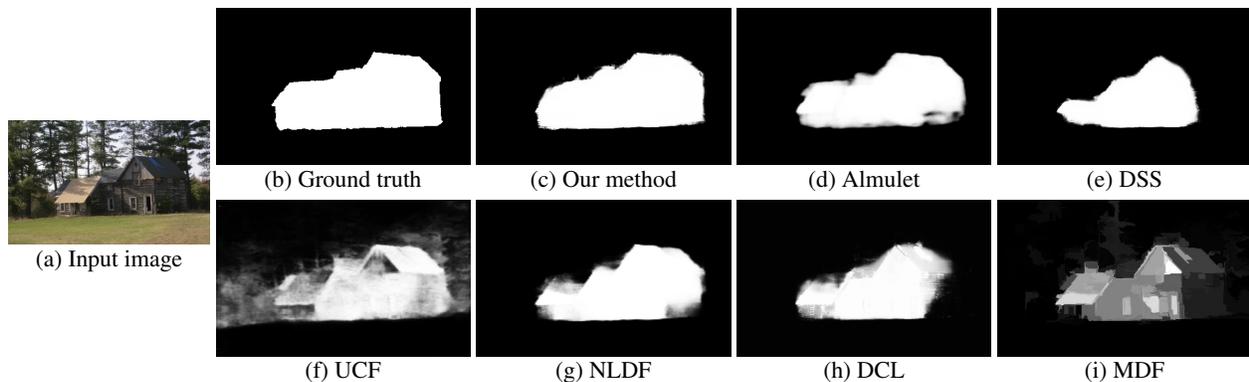


Figure 48: Additional comparison result of saliency maps #48. (a) Input image; (b) Ground truth; (c) Our method; (d) Almulet (Zhang et al. 2017a); (e) DSS (Hou et al. 2017); (f) UCF (Zhang et al. 2017b); (g) NLDF (Luo et al. 2017); (h) DCL (Li and Yu 2016); (i) MDF (Li and Yu 2015). Apparently, our method can produce more accurate saliency maps than others, and closest to the ground truth.

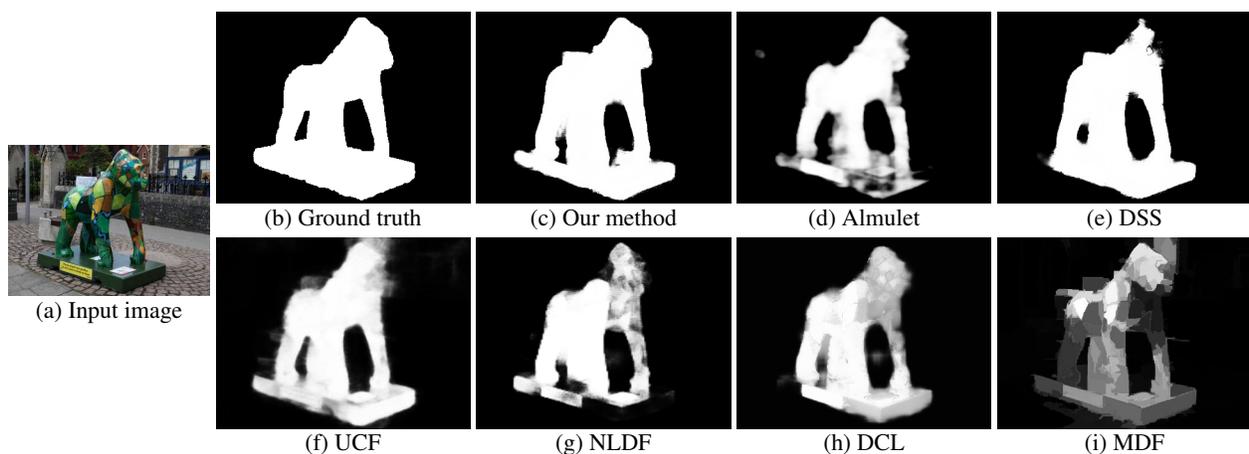


Figure 49: Additional comparison result of saliency maps #49. (a) Input image; (b) Ground truth; (c) Our method; (d) Almulet (Zhang et al. 2017a); (e) DSS (Hou et al. 2017); (f) UCF (Zhang et al. 2017b); (g) NLDF (Luo et al. 2017); (h) DCL (Li and Yu 2016); (i) MDF (Li and Yu 2015). Apparently, our method can produce more accurate saliency maps than others, and closest to the ground truth.

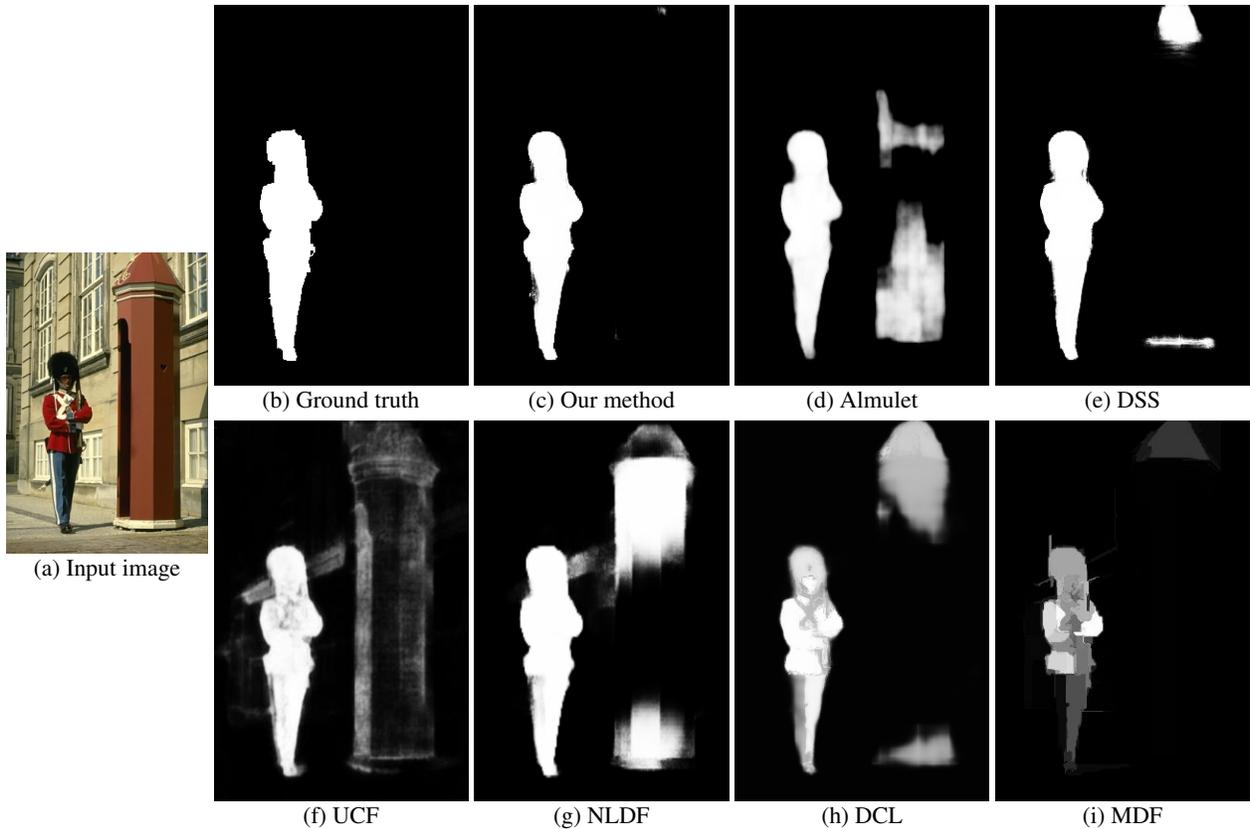


Figure 50: Additional comparison result of saliency maps #50. (a) Input image; (b) Ground truth; (c) Our method; (d) Almulet (Zhang et al. 2017a); (e) DSS (Hou et al. 2017); (f) UCF (Zhang et al. 2017b); (g) NLDF (Luo et al. 2017); (h) DCL (Li and Yu 2016); (i) MDF (Li and Yu 2015). Apparently, our method can produce more accurate saliency maps than others, and closest to the ground truth.

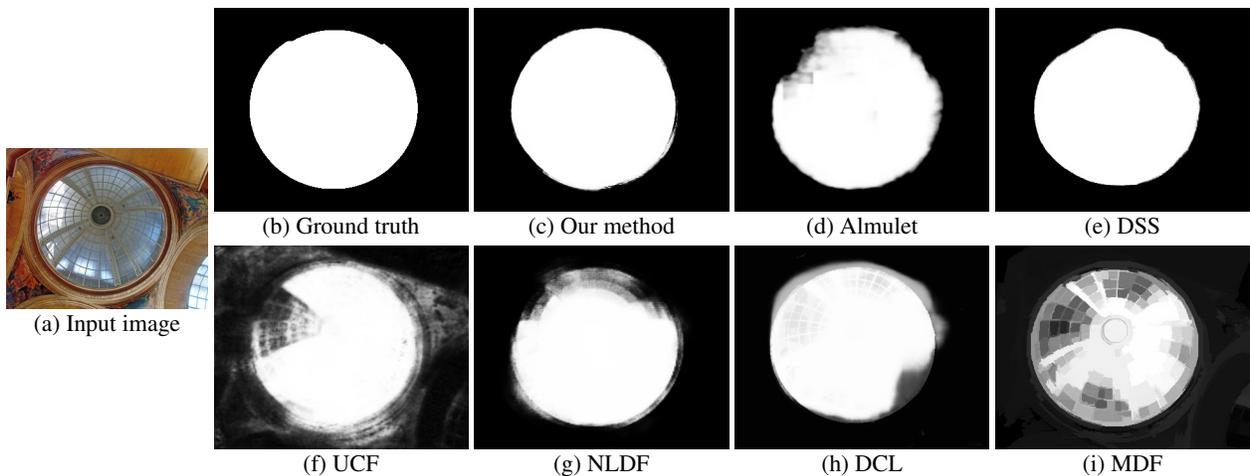


Figure 51: Additional comparison result of saliency maps #51. (a) Input image; (b) Ground truth; (c) Our method; (d) Almulet (Zhang et al. 2017a); (e) DSS (Hou et al. 2017); (f) UCF (Zhang et al. 2017b); (g) NLDF (Luo et al. 2017); (h) DCL (Li and Yu 2016); (i) MDF (Li and Yu 2015). Apparently, our method can produce more accurate saliency maps than others, and closest to the ground truth.

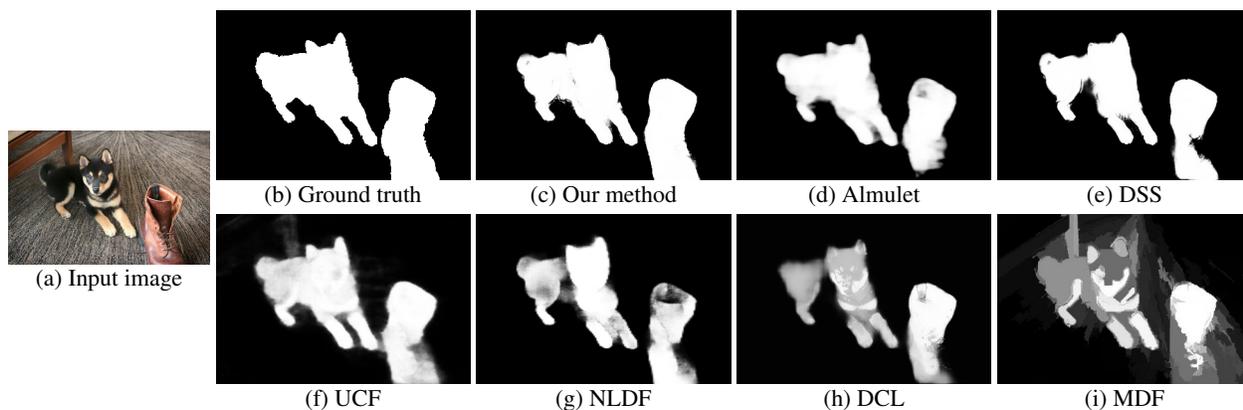


Figure 52: Additional comparison result of saliency maps #52. (a) Input image; (b) Ground truth; (c) Our method; (d) Al-mulet (Zhang et al. 2017a); (e) DSS (Hou et al. 2017); (f) UCF (Zhang et al. 2017b); (g) NLDF (Luo et al. 2017); (h) DCL (Li and Yu 2016); (i) MDF (Li and Yu 2015). Apparently, our method can produce more accurate saliency maps than others, and closest to the ground truth.

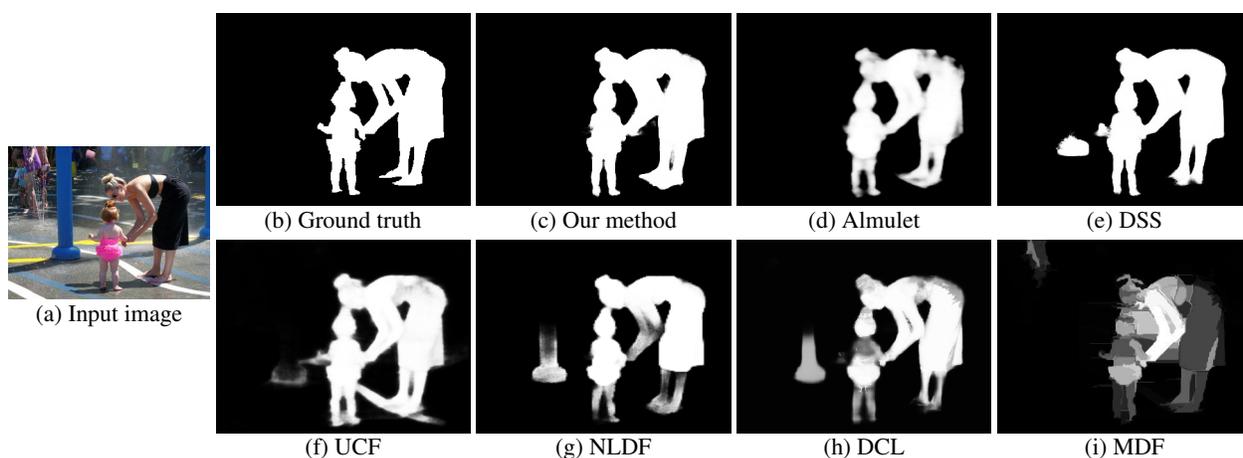


Figure 53: Additional comparison result of saliency maps #53. (a) Input image; (b) Ground truth; (c) Our method; (d) Al-mulet (Zhang et al. 2017a); (e) DSS (Hou et al. 2017); (f) UCF (Zhang et al. 2017b); (g) NLDF (Luo et al. 2017); (h) DCL (Li and Yu 2016); (i) MDF (Li and Yu 2015). Apparently, our method can produce more accurate saliency maps than others, and closest to the ground truth.

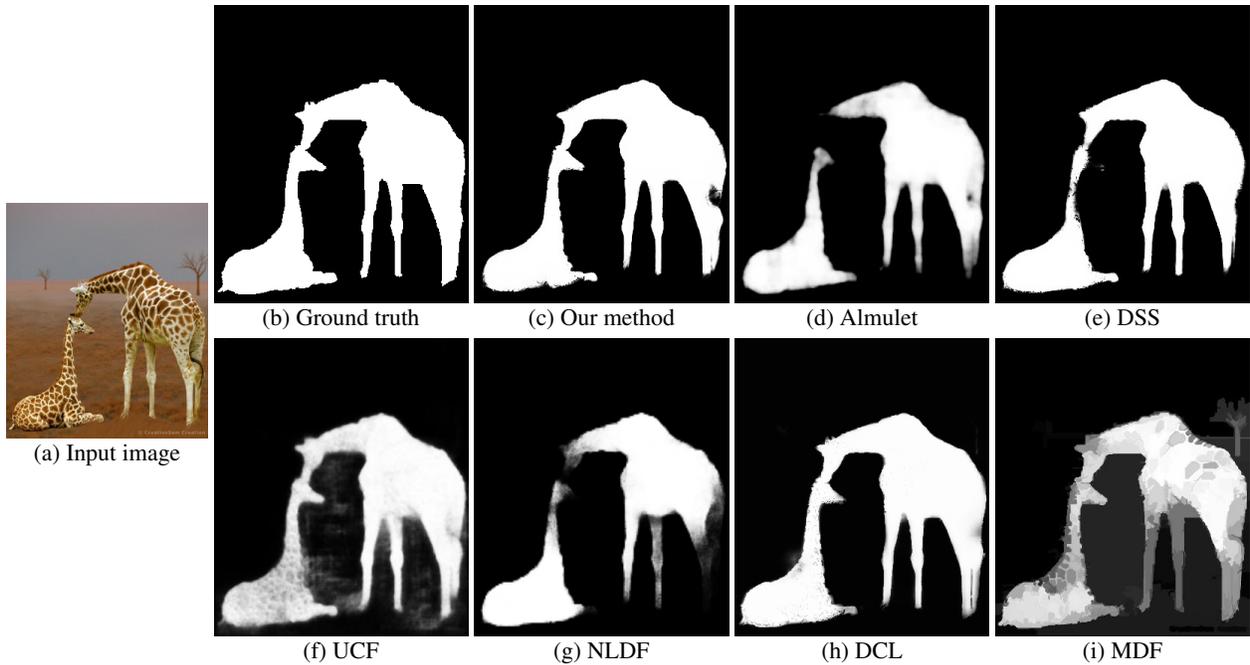


Figure 54: Additional comparison result of saliency maps #54. (a) Input image; (b) Ground truth; (c) Our method; (d) Almulet (Zhang et al. 2017a); (e) DSS (Hou et al. 2017); (f) UCF (Zhang et al. 2017b); (g) NLDF (Luo et al. 2017); (h) DCL (Li and Yu 2016); (i) MDF (Li and Yu 2015). Apparently, our method can produce more accurate saliency maps than others, and closest to the ground truth.

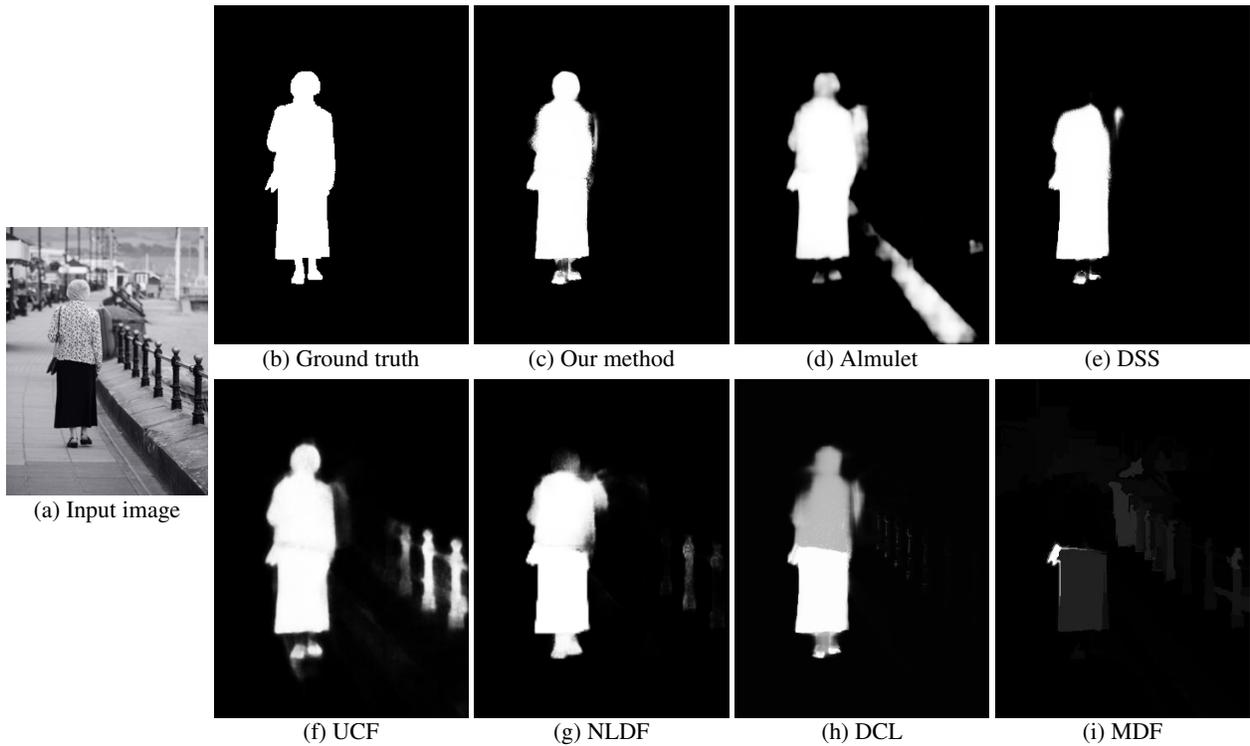


Figure 55: Additional comparison result of saliency maps #55. (a) Input image; (b) Ground truth; (c) Our method; (d) Almulet (Zhang et al. 2017a); (e) DSS (Hou et al. 2017); (f) UCF (Zhang et al. 2017b); (g) NLDF (Luo et al. 2017); (h) DCL (Li and Yu 2016); (i) MDF (Li and Yu 2015). Apparently, our method can produce more accurate saliency maps than others, and closest to the ground truth.

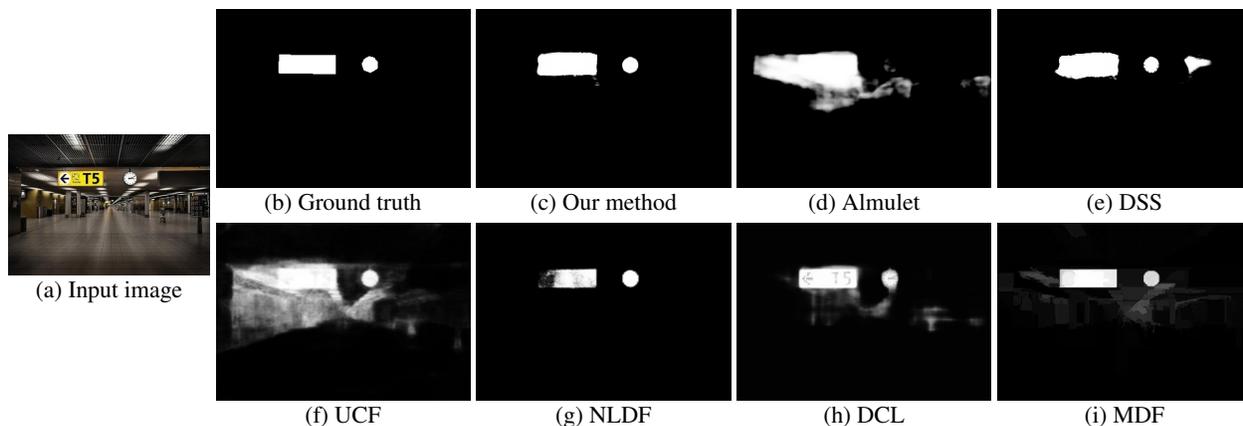


Figure 56: Additional comparison result of saliency maps #56. (a) Input image; (b) Ground truth; (c) Our method; (d) Almulet (Zhang et al. 2017a); (e) DSS (Hou et al. 2017); (f) UCF (Zhang et al. 2017b); (g) NLDF (Luo et al. 2017); (h) DCL (Li and Yu 2016); (i) MDF (Li and Yu 2015). Apparently, our method can produce more accurate saliency maps than others, and closest to the ground truth.

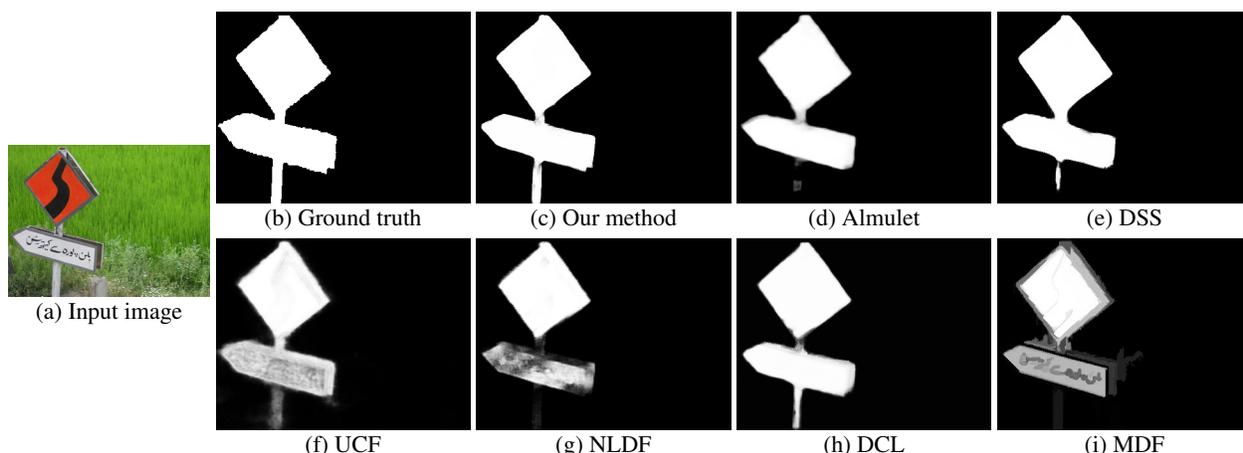


Figure 57: Additional comparison result of saliency maps #57. (a) Input image; (b) Ground truth; (c) Our method; (d) Almulet (Zhang et al. 2017a); (e) DSS (Hou et al. 2017); (f) UCF (Zhang et al. 2017b); (g) NLDF (Luo et al. 2017); (h) DCL (Li and Yu 2016); (i) MDF (Li and Yu 2015). Apparently, our method can produce more accurate saliency maps than others, and closest to the ground truth.

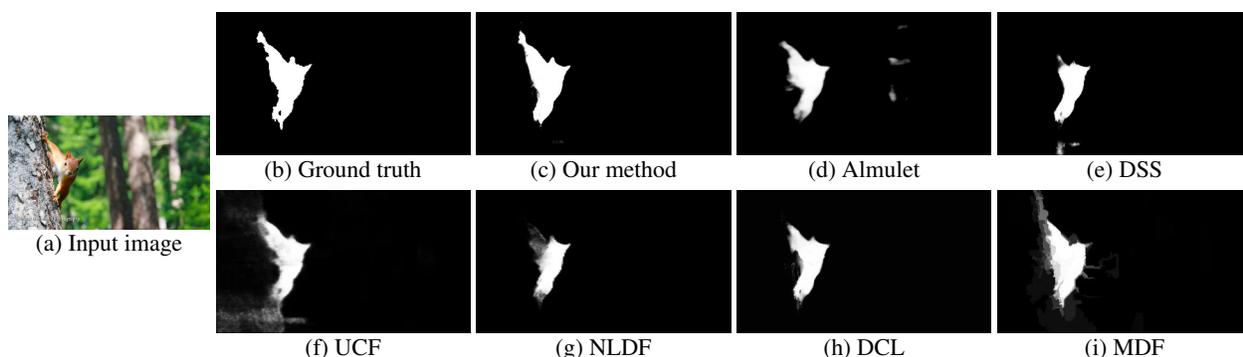


Figure 58: Additional comparison result of saliency maps #58. (a) Input image; (b) Ground truth; (c) Our method; (d) Almulet (Zhang et al. 2017a); (e) DSS (Hou et al. 2017); (f) UCF (Zhang et al. 2017b); (g) NLDF (Luo et al. 2017); (h) DCL (Li and Yu 2016); (i) MDF (Li and Yu 2015). Apparently, our method can produce more accurate saliency maps than others, and closest to the ground truth.

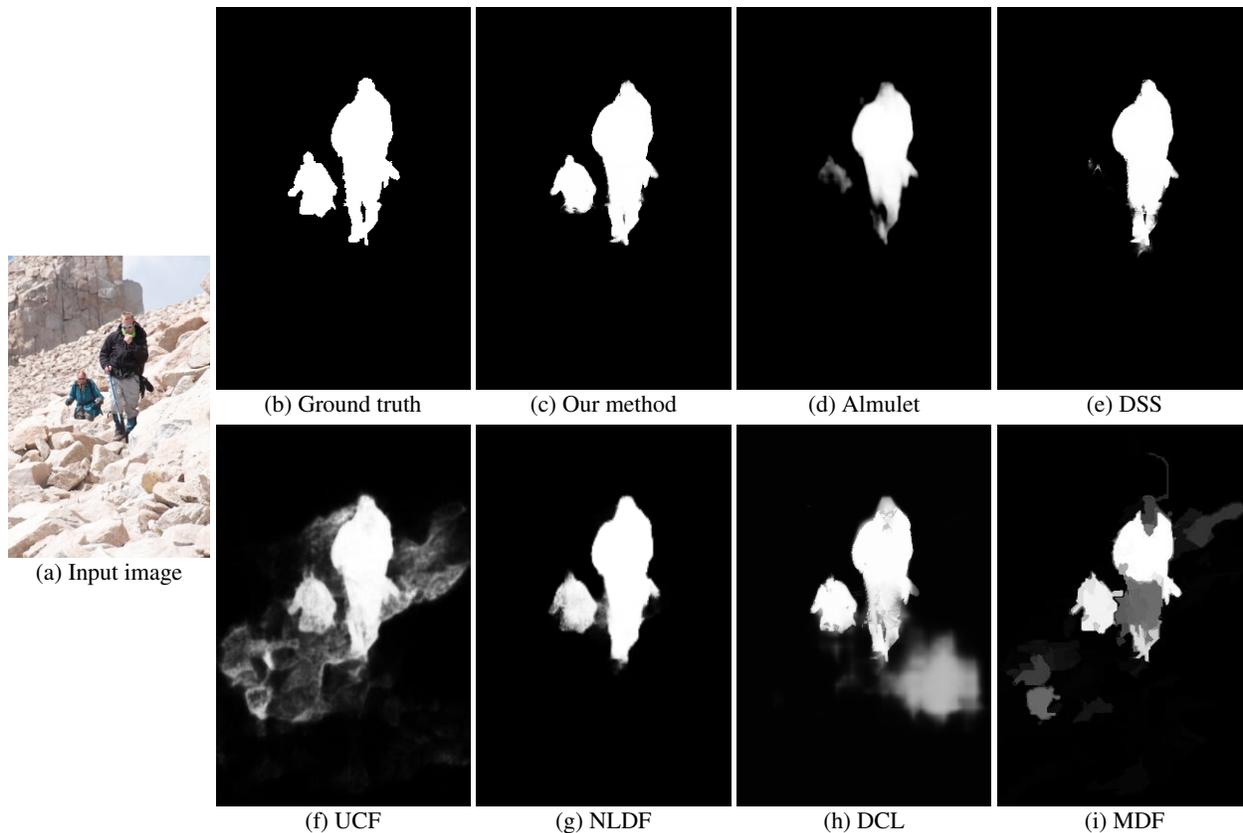


Figure 59: Additional comparison result of saliency maps #59. (a) Input image; (b) Ground truth; (c) Our method; (d) Almulet (Zhang et al. 2017a); (e) DSS (Hou et al. 2017); (f) UCF (Zhang et al. 2017b); (g) NLDF (Luo et al. 2017); (h) DCL (Li and Yu 2016); (i) MDF (Li and Yu 2015). Apparently, our method can produce more accurate saliency maps than others, and closest to the ground truth.

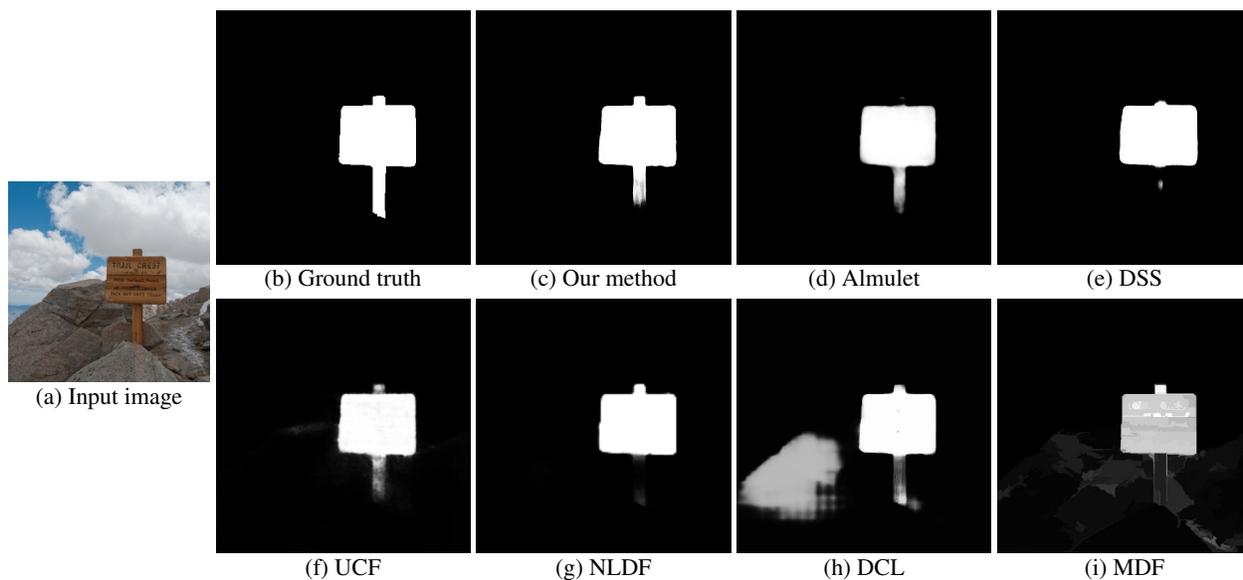


Figure 60: Additional comparison result of saliency maps #60. (a) Input image; (b) Ground truth; (c) Our method; (d) Almulet (Zhang et al. 2017a); (e) DSS (Hou et al. 2017); (f) UCF (Zhang et al. 2017b); (g) NLDF (Luo et al. 2017); (h) DCL (Li and Yu 2016); (i) MDF (Li and Yu 2015). Apparently, our method can produce more accurate saliency maps than others, and closest to the ground truth.

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