| Method       | Eyebr. | Attr. | Bangs | Black | Blond | Makeup | Male       | Mouth | Beard | Wavy | Hat          |
|--------------|--------|-------|-------|-------|-------|--------|------------|-------|-------|------|--------------|
| VAE          | 71.8   | 73.0  | 89.8  | 78.0  | 88.9  | 79.6   | 83.9       | 76.3  | 87.3  | 70.2 | 95.8         |
| $\beta=2$    | 71.6   | 72.6  | 90.6  | 79.3  | 89.1  | 79.3   | 83.5       | 76.1  | 86.9  | 67.8 | 95.9         |
| $\beta=4$    | 71.6   | 72.6  | 90.0  | 76.6  | 88.9  | 77.8   | 82.3       | 75.7  | 85.3  | 66.8 | 95.8         |
| $\beta=8$    | 71.6   | 71.7  | 90.0  | 76.0  | 87.2  | 76.2   | 80.5       | 73.1  | 85.3  | 63.7 | 95.8         |
| DIP-VAE      | 73.7   | 73.2  | 90.9  | 80.6  | 91.9  | 81.5   | $\bf 85.9$ | 75.9  | 85.3  | 71.5 | 96.2         |
| Ours (DCGAN) | 72.2   | 68.5  | 88.8  | 75.7  | 89.9  | 76.9   | 80.1       | 73.6  | 83.8  | 70.5 | 95.8         |
| Ours (BEGAN) | 73     | 69.7  | 90.2  | 79.6  | 89.3  | 78.9   | 85.4       | 77.1  | 88.1  | 70.8 | <b>96.</b> 4 |