|  |  |  |  |
| --- | --- | --- | --- |
| Atrribute | E\_before | E\_after | IG |
| A1 | 0,971 | 0,58 | 0,391 |
| A2 | 0,971 | 0,99 | 0,019 |
| A3 | 0,971 | 0,6754 | 0,2956 |

**A1**

6/10 \* 0,981 + 4/10 \* 0 = 0,58

|  |  |  |
| --- | --- | --- |
| A1\_a | -(4/6\*log\_2(4/6)+2/6\*log\_2(2/6)) | 0,918 |
| A1\_b | -(1\*log\_2(1)+0/4\*log\_2(0/4)) | 0 |

**A2**

4/10 \* 1 + 6/10 \* 0,981 = 0,99

|  |  |  |
| --- | --- | --- |
| A2\_p | -(2/4\*log\_2(2/4)+2/4\*log\_2(2/4)) | 1 |
| A2\_m | -(2/6\*log\_2(2/6)+4/6\*log\_2(4/6)) | 0,981 |

**A3**

4/10 \* 1 + 3/10 \* 0,918 + 3/10 \* 0 = 0,6754

|  |  |  |
| --- | --- | --- |
| A3\_x | -(2/4\*log\_2(2/4+2/4\* log\_2(2/4)) | 1 |
| A3\_y | -(2/3\*log\_2(2/3)+1/3\*log\_2(1/3)) | 0,918 |
| A3\_z | -(3/3\*log\_2(3/3)) | 0 |

|  |  |  |  |
| --- | --- | --- | --- |
| Atrribute | E\_before | E\_after | IG |
| A2 | 0,918 | 0,918 | 0 |
| A3 | 0,918 | 0 | 0,918 |

Eb = -(4/6\*log2(4/6)+2/6\*log2(2/6)=0,918

Ea = 3/6 \*0,918 \* 3/6 \*0,918 =0,918

|  |  |  |
| --- | --- | --- |
| A2\_p | -(2/3\*log\_2(2/3)+1/3\*log\_2(1/3)) | 0,918 |
| A2\_m | -(2/3\*log\_2(2/3)+1/3\*log\_2(1/3)) | 0,918 |

Ea = 2/6\*0+2/6\*0+2/6\*0 =0

|  |  |  |
| --- | --- | --- |
| A3\_x | -(1\*log\_2(1)+0/2\*log\_2(0/2)) | 0 |
| A3\_y | -(1\*log\_2(1)+0/2\*log\_2(0/2)) | 0 |
| A3\_z | -(1\*log\_2(1)+0/2\*log\_2(0/2)) | 0 |