

Table 1. Percentage of Fake Stars Lost

| Mag       | Non-shell Stars |          |          | Shell Stars |          |          |
|-----------|-----------------|----------|----------|-------------|----------|----------|
|           | F336W           | F555W    | F814W    | F336W       | F555W    | F814W    |
| 20.25     | 2.2±7.4         | ...      | ...      | 0.9±6.8     | ...      | 0.0±44.7 |
| 20.75     | 2.4±7.8         | ...      | 2.8±7.4  | 1.7±6.6     | ...      | 1.4±6.7  |
| 21.25     | 0.1±7.7         | ...      | 1.7±7.6  | 2.6±6.5     | ...      | 0.9±6.6  |
| 21.75     | 2.4±4.5         | 2.2±7.4  | 0.1±7.6  | 7.1±4.5     | 0.9±6.8  | 3.3±6.5  |
| 22.25     | 3.4±3.1         | 1.8±7.7  | 2.9±4.4  | 11.8±3.6    | 0.4±6.6  | 5.7±4.4  |
| 22.75     | 4.5±2.9         | 1.8±7.7  | 4.7±3.1  | 26.2±3.6    | 3.4±6.5  | 10.9±3.6 |
| 23.25     | 7.0±2.4         | 3.4±4.5  | 3.7±2.9  | 44.2±3.3    | 10.7±4.5 | 20.6±3.5 |
| More Data |                 |          |          |             |          |          |
| 23.75     | 12.4±2.7        | 4.1±3.1  | 6.7±2.5  | 59.8±4.0    | 20.1±3.6 | 32.6±3.4 |
| 24.25     | 30.2±3.1        | 5.3±2.9  | 10.0±2.7 | 74.9±5.1    | 35.8±3.6 | 43.1±4.0 |
| 24.75     | 66.8±5.5        | 10.4±2.4 | 16.5±3.2 | 83.7±6.1    | 56.3±3.3 | 57.0±5.2 |
| 25.25     | 87.5±35.4       | 20.0±2.7 | 28.0±5.6 | ...         | 71.5±4.0 | 71.8±6.2 |
| 25.75     | ...             | 55.3±3.1 | ...      | ...         | 81.2±5.1 | ...      |
| 26.25     | ...             | 85.1±5.5 | ...      | ...         | 85.6±6.1 | ...      |
| More Data |                 |          |          |             |          |          |
| 27.75     | 12.4±2.7        | 4.1±3.1  | 6.7±2.5  | 59.8±4.0    | 20.1±3.6 | 32.6±3.4 |
| 28.25     | 30.2±3.1        | 5.3±2.9  | 10.0±2.7 | 74.9±5.1    | 35.8±3.6 | 43.1±4.0 |

Table 1—Continued

| Mag   | Non-shell Stars |          |          | Shell Stars |          |          |
|-------|-----------------|----------|----------|-------------|----------|----------|
|       | F336W           | F555W    | F814W    | F336W       | F555W    | F814W    |
| 29.75 | 66.8±5.5        | 10.4±2.4 | 16.5±3.2 | 83.7±6.1    | 56.3±3.3 | 57.0±5.2 |
| 30.25 | 87.5±35.4       | 20.0±2.7 | 28.0±5.6 | ...         | 71.5±4.0 | 71.8±6.2 |
| 31.75 | ...             | 55.3±3.1 | ...      | ...         | 81.2±5.1 | ...      |
| 32.25 | ...             | 85.1±5.5 | ...      | ...         | 85.6±6.1 | ...      |
| 33.75 | 12.4±2.7        | 4.1±3.1  | 6.7±2.5  | 59.8±4.0    | 20.1±3.6 | 32.6±3.4 |
| 34.25 | 30.2±3.1        | 5.3±2.9  | 10.0±2.7 | 74.9±5.1    | 35.8±3.6 | 43.1±4.0 |
| 35.75 | 66.8±5.5        | 10.4±2.4 | 16.5±3.2 | 83.7±6.1    | 56.3±3.3 | 57.0±5.2 |
| 36.25 | 87.5±35.4       | 20.0±2.7 | 28.0±5.6 | ...         | 71.5±4.0 | 71.8±6.2 |
| 37.75 | ...             | 55.3±3.1 | ...      | ...         | 81.2±5.1 | ...      |
| 38.25 | ...             | 85.1±5.5 | ...      | ...         | 85.6±6.1 | ...      |