**Supplementary table 1. Outcomes during the follow-up in patients treated with insulin HF population and according to EF subtypes.**

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| --- | --- | --- | --- | --- | --- |
|  | **All patients**  **N=1133** | **HFrEF ≤ 40%**  **N=289** | **HFmrEF 41-49%**  **N=116** | **HFpEF ≥50%**  **N=728** | **p** |
| **In-hospital outcomes** | | | | | |
| Length of stay | 10.5 (9.5) | 11.4 (10.9) | 10.5 (8.2) | 10.2 (9.1) | 0.22 |
| Complications during hospitalization\* | 27.1% | 33.9% | 27.6% | 24.3% | 0.02 |
| **Follow up visits over 1 year** | | | | | |
| Mortality | 29.8% | 34.6% | 32.8% | 27.5% | 0.062 |
| Readmission | 46.2% | 42.9% | 50.9% | 46.8% | 0.3 |

HFmrEF: Heart Failure with mildly reduced ejection fraction; HFpEF: Heart Failure with preserved ejection fraction; HFrEF: Heart Failure with reduced ejection fraction; SD: standard deviation; \*One patient could have more than one complication.