APPENDIX 1  Characteristics of non-matched patients (N=118)

| Characteristic                                      | Unmatched patients who received hospital pharmacist discharge care (N=63) | Unmatched patients who received standard care (N=55) |
|-----------------------------------------------------|--------------------------------------------------------------------------|------------------------------------------------------|
|                                                     | N (%)                                                                     | N (%)                                                |
| Age (Mean, SD)                                      | 74.8 (9.0)                                                               | 72.7 (9.9)                                           |
| Male                                                | 30 (47.6)                                                                | 14 (25.5)                                            |
| Number of Hospitalizations in Past 6 Months (Mean, SD) | 0.63 (0.83)                                                             | 0.65 (1.2)                                           |
| Length of Stay of Hospitalization                   |                                                                          |                                                      |
| ≤ 7 days                                            | 25 (39.68)                                                               | 49 (89.1)                                            |
| > 7 days                                            | 38 (60.32)                                                               | 6 (10.9)                                             |
| COPD Severity*                                      |                                                                          |                                                      |
| Mild or Moderate (FEV1 ≥50% predicted)               | 16 (25.4)                                                                | 15 (27.3)                                            |
| Severe or Very Severe (FEV1 less than 50% predicted) | 35 (55.6)                                                                | 20 (36.4)                                            |
| Missing/Unknown                                     | 12 (19.1)                                                                | 20 (36.4)                                            |
| Patient-reported Smoking Status - Yes                | 11 (17.5)                                                                | 38 (69.1)                                            |
| Home Oxygen Use                                     | 21 (33.3)                                                                | 22 (40.0)                                            |
| Coronary Artery Disease                             | 17 (27.0)                                                                | 10 (18.2)                                            |
| eGFR 30 – 60 mL/min                                 | 12 (19.1)                                                                | 13 (23.6)                                            |
| eGFR < 30 mL/min                                    | 3 (4.8)                                                                  | 5 (9.09)                                             |
| Hypertension                                        | 38 (60.3)                                                                | 31 (56.4)                                            |
| Heart Failure                                       | 12 (19.1)                                                                | 11 (20.0)                                            |
| Dementia or Cognitive Impairment                    | 5 (7.9)                                                                  | 17 (30.9)                                            |
| Diabetes Mellitus                                   | 18 (28.6)                                                                | 12 (21.8)                                            |
| Atrial Fibrillation or Aflutter                     | 10 (15.9)                                                                | 12 (21.8)                                            |
| Asthma         | 8 (12.7) | 7 (12.7) |
|---------------|----------|----------|
| Body Mass Index Category* |          |          |
| Underweight   | 6 (9.5)  | 6 (10.9) |
| Normal        | 18 (28.6)| 22 (40.0)|
| Overweight    | 18 (28.6)| 7 (12.7) |
| Obese (Classes I, II, or III) | 19 (30.2) | 20 (36.4) |
| Missing/Unknown | 2 (3.2)  | 0 (0.00) |
| Emergency Department Visit within 30 Days (Outcome) | 13 (20.6) | 9 (16.4) |
| Rehospitalization / Readmission within 30 Days (Outcome) | 8 (12.7)  | 4 (7.3)  |

COPD – chronic obstructive pulmonary disease, eGFR – estimated glomerular filtration rate, FEV1 – forced expiratory volume in one second.

*Not included in the propensity score model due to >5% patients missing information.

Makari J, et al. Hospital pharmacist discharge care is independently associated with reduced risk of readmissions for patients with chronic obstructive pulmonary disease: A propensity-matched cohort study. Can Pharm J (Ott) 2022;155. DOI: 10.1177/17151635211061141.