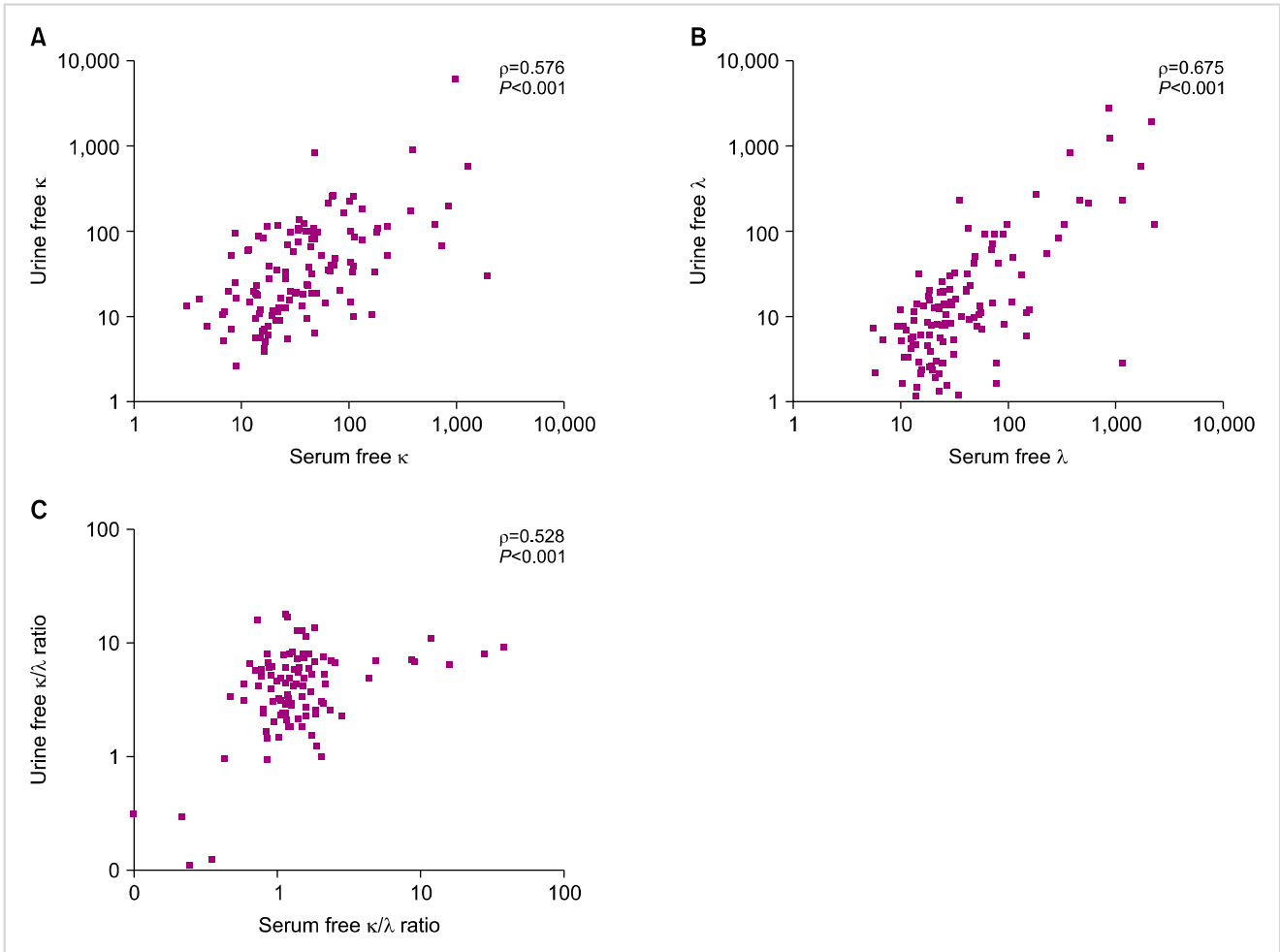


Supplementary Table 1. Patients' characteristics (N=123).

| | N of total (%) | N of MG group (%) | N of non-MG group (%) |
|---|----------------|-------------------|-----------------------|
| Age (yr) | | | |
| ≤65 | 53 (43.1) | | |
| >65 | 70 (56.9) | | |
| Sex | | | |
| Male | 63 (51.2) | | |
| Female | 60 (48.8) | | |
| Diagnosis | | | |
| Monoclonal gammopathy | 51 (41.5) | | |
| Multiple myeloma | | 25 (49.0) | |
| MGUS | | 15 (29.4) | |
| Light chain myeloma | | 5 (9.8) | |
| Plasmacytoma | | 2 (3.9) | |
| Waldenstrom's macroglobulinemia | | 2 (3.9) | |
| Amyloidosis | | 2 (3.9) | |
| Non-monoclonal gammopathy | 72 (58.5) | | |
| Lymphoma | | | 11 (15.3) |
| Acute kidney injury | | | 5 (6.9) |
| Chronic kidney disease | | | 10 (13.9) |
| Renal failure | | | 10 (13.9) |
| Proteinuria | | | 5 (6.9) |
| Autoimmune disease | | | 7 (9.7) |
| Cerebrovascular disease | | | 2 (2.8) |
| Diabetes mellitus | | | 7 (9.7) |
| Heart disease | | | 2 (2.8) |
| Liver disease | | | 3 (4.2) |
| Malignancy | | | 5 (6.9) |
| Others | | | 5 (6.9) |
| Distribution of monoclonal gammopathy group | | | |
| Setting (N=51) | | | |
| Newly diagnosed | | 31 (60.8) | |
| Refractory/relapsed | | 10 (19.6) | |
| Complete remission | | 10 (19.6) | |
| Type of heavy chain (N=41) | | | |
| IgG | | 27 (65.9) | |
| IgM | | 4 (9.8) | |
| IgA | | 3 (7.3) | |
| Light chain | | 7 (17.1) | |
| Type of light chain (N=41) | | | |
| Kappa | | 20 (48.8) | |
| Lambda | | 21 (51.2) | |

Abbreviations: IgA, immunoglobulin A; IgG, immunoglobulin G; IgM, immunoglobulin M; MG, monoclonal gammopathy; MGUS, monoclonal gammopathy of undetermined significance.



Supplementary Fig. 1. Spearman's correlation of free κ (A), free λ (B), and free κ/λ ratio (C) between serum (X axis) and urine (Y axis).