Supplementary Material

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|  | Overall(n=463) | Male(n=348) | Female(n=115) |
| **Course of disease(d)**<3030~9090~180180~365>365 | 272.61±550.2934(7.34%)129(27.86%)143(30.89%)86(18.57%)71(15.33%) | 304.63±618.9424(6.90%)100(28.74%)100(28.74%)62(17.82%)62(17.82%) | 175.74±220.3510(8.70%)29(25.22%)43(37.39%)24(20.87%)9(7.83%) |
| **Age(y)**<1818~3030~4545~6060~75>75 | 42.15±17.3854(11.66%)72(15.55%)132(28.51%)121(26.13%)73(15.77%)11(2.38%) | 42.62±17.4040(11.49%)50(14.37%)98(28.16%)102(29.31%)47(13.51%)11(3.16%) | 40.70±17.3314(12.17%)22(19.13%)34(29.57%)19(16.52%)26(22.61%)0(0.00%) |
| **Hospital stay(d)**<1515~3030~4545~6060~90>90 | 45.68±34.0332(6.91%)82(17.71%)192(41.47%)54(11.66%)70(15.12%)33(7.13%) | 46.54±36.9124(6.90%)64(18.39%)139(39.94%)43(12.36%)51(14.66%)27(7.76%) | 43.10±23.148(6.96%)18(15.65%)53(46.09%)11(9.57%)19(16.52%)6(5.22%) |
| **Marital status**unmarried marriedwidoweddivorced |  127(27.43%)329(71.06%)2(0.43%)5(1.08%) | 94(27.01%)248(71.26%)1(0.29%)5(1.44%) | 33(28.70%)81(70.43%)1(0.87%)0(0.00%) |
| **Personal history (smoke/drinking)**nonesmoke or drinkingsmoke and drinking | 344(74.30%)73(15.77%)46(9.94%) | 235(67.53%)68(19.54%)45(12.93%) | 109(94.78%)5(4.35%)1(0.87%) |
| **Medical history** hypertensiondiabetesCVD(cere- and car-)\*TBImore than onenone | 58(12.52%)17(3.67%)1(0.22%)1(0.22%)42(9.07%)344(74.30%) | 54(15.52%)13(3.74%)1(0.29%)1(0.29%)33(9.48%)246(70.69%) | 4(3.48%)4(3.48%)0(0.00%)0(0.00%)9(7.83%)98(85.22%) |

The general information of 463 patients. \*cere-, cerebrovascular disease; car-, cardiovascular disease.



Figure 1. Predictive and actual FMA value of 175 patients.



Figure 2. Correlation between the predictive and actual FMA value of all the patients. Prediction value = -4.30 + 1.06\*actual value, R2 = 0.97