Table S1. Logistics regression analysis of the risk factors for allergic transfusion reactions without febrile non-hemolytic transfusion reactions.

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| --- | --- | --- | --- | --- | --- | --- |
| Variable |  | Univariate |  |  | Multivariate |  |
|  | β | OR (95% CI) | P | β | OR (95% CI) | P |
| Sex | -0.343 | 0.709 (0.421,1.199) | 0.200 |  |  |  |
| PC | 3.004 | 20.172 (9.376, 36.944) | <0.0001 | 3.198 | 29.674 (3.005, 300.584) | 0.002 |
| Number of transfusion | 0.499 | 1.645 (1.416, 1.903) | <0.0001 | 0.155 | 1.164 (0.667, 2.019) | 0.608 |
| Age | 0.068 | 1.178(1.016, 1.296) | 0.037 | 0.089 | 1.088(0.877, 1.334) | 0.432 |
| IL1R2 expression | 8.261 | 5.585×103 (2.571×102, 4.655×104) | <0.0001 | 7.699 | 1.202×103 (1.101×102, 1.271×104) | <0.0001 |

OR, odds ratio. CI, confidence interval. PC, platelet concentrate. FNHTR, febrile non-hemolytic transfusion reactions.