

Table S8. Interaction analysis summary

Interaction model	Interaction term (p-value)	GT main effect (adjusted OR, p-value)	Interpretation
GT x Fungal Infection	0.788	0.042 (p = 0.020)	No significant interaction: GT benefit consistent across fungal and nonfungal
GT x MDR Infection	0.840	0.093 (p = 0.043)	No significant interaction: GT benefit consistent across MDR and non-MDR

Interaction Analysis of Granulocyte Transfusion with Fungal and MDR Infection Status

Multivariable logistic regression models assessing interaction between granulocyte transfusion (GT) and infection type. $GT \times Fungal$ and $GT \times MDR$ interaction terms were included to evaluate the potential effect modification. Neither interaction reached statistical significance, indicating that the survival benefit of GT was consistent across both fungal and nonfungal infections, as well as MDR and non-MDR infections.