**Supplemental table 4. Meta-regression for the outcome of the risk of perioperative allogeneic blood transfusion.**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Sources** | **Coefficient (95%CI)** | **t** | **P** | **τ2** | **I2 Res (%)** | **Adjusted R2 (%)** |
| Type of surgery | 0.001 (-0.09, 0.09) | 0.03 | 0.977 | 0.09 | 64.65 | -8.33 |
| Transfusion protocol | -0.25 (-0.88, 0.39) | -0.80 | 0.430 | 0.08 | 62.78 | 1.11 |
| Fluid of replacing blood | 0.16 (-0.13, 0.44) | 0.11 | 0.274 | 0.08 | 63.42 | 5.45 |
| Volume of blood withdrawn | -0.13 (-0.32, 0.05) | -1.47 | 0.154 | 0.05 | 51.26 | 9.68 |
| Other active intervention | -0.23 (-0.57, 0.11) | -1.40 | 0.172 | 0.08 | 64.86 | -0.88 |
| Jadad Score | -0.09 (-0.41, 0.23) | -0.55 | 0.587 | 0.08 | 64.70 | -1.35 |
| Year of publication  | -0.08 (-0.22, 0.06) | -1.20 | 0.239 | 0.08 | 64.69 | 6.10 |
| Sample size | -0.04 (-0.22, 0.14) | -0.43 | 0.673 | 0.09 | 63.54 | -7.23 |
| Age | 0.08 (-0.18, 0.34) | 0.62 | 0.540 | 0.08 | 61.91 | -16.34 |

CI, Confidence interval.