

**Table 2:** Factors contributing to the massive perioperative bleeding prediction models, found in the literature.

| Variable                       | Karkouti et al <sup>25</sup> | LVBT <sup>33</sup> | Williams et al <sup>19</sup> | BRS <sup>55</sup> |
|--------------------------------|------------------------------|--------------------|------------------------------|-------------------|
| Age                            | +                            | +                  | -                            | +                 |
| Somatometric data              | +                            | +                  | -                            | +                 |
| Preoperative shock             | +                            | +                  | -                            | +                 |
| Preoperative platelet count    | +                            |                    | -                            | +                 |
| Preoperative Hb                | +                            | +                  | +                            | -                 |
| Type of surgery                | +                            | +                  | -                            | -                 |
| Status of operation            | +                            | +                  | +                            | +                 |
| Surgeon                        | +                            |                    | -                            | -                 |
| Previous cardiac surgery       | +                            | +                  | -                            | +                 |
| DHCA duration                  | +                            | -                  | -                            | -                 |
| Duration of CPB                | +                            | +                  | +                            |                   |
| Lowest Hct in CPB              | +                            | -                  | -                            | -                 |
| Gender                         | -                            | +                  | -                            | +                 |
| Renal function                 | -                            | +                  | -                            | +                 |
| Previous neurological accident | -                            | +                  | -                            | -                 |
| Diabetes mellitus              | -                            | +                  | -                            | +                 |
| LV ejection fraction           | -                            | +                  | -                            | -                 |
| Preoperative MI                | -                            | +                  | -                            | +                 |

LVBT: Large Volume Blood Transfusion score, BRS: Bedside Risk Score, Hb: Hemoglobin, DHCA: Deep Hypothermic Circulatory Arrest, CPB: Cardio Pulmonary Bypass, LV: Left Ventricle, MI: Myocardial Index.