Figure 2: Correlation of severity of postoperative neurocognitive deficit (POCD) defined as the number of tests with clinically relevant decline (decrease of postoperative test results below 80% of preoperative baseline) after cardiac surgery with minimal cSO$_2$ during cardiopulmonary bypass by trend ($p = 0.015$, $r^2 = 0.44$, without Bonferroni correction). POCD was investigated by a set of five neuropsychological tests 1 day before and 4 days after heart surgery with cardiopulmonary bypass.