**S6 Table. Regression between management practices and efficiency and quality of HIV service delivery by country (*backward elimination*)**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Specification I | Specification II | Specification III | Specification IV | Specification V | Specification VI | Specification VII | Specification VIII |
|  | KENYA | | RWANDA | | SOUTH AFRICA | | ZAMBIA | |
| **Management Variables** | **Y=Efficiency score** | **Y=Quality score** | **Y=Efficiency score** | **Y=Quality score** | **Y=Efficiency score** | **Y=Quality score** | **Y=Efficiency score** | **Y=Quality score** |
| Performance-based funding |  |  |  |  | -0.37+ | 0.27+ |  |  |
|  |  |  |  | (-0.75 - 0.005) | (-0.01 - 0.55) |  |  |
| Sanctions |  | -0.12+ | -0.43\* |  |  |  |  |  |
|  | (-0.27 - 0.02) | (-0.80 - -0.05) |  |  |  |  |  |
| External supervision | -0.31\* | 0.12+ |  |  |  |  |  |  |
| (-0.59 - -0.03) | (-0.006 - 0.26) |  |  |  |  |  |  |
| Community participation |  |  |  |  |  | -0.59\* |  |  |
|  |  |  |  |  | (-1.1 - -0.03) |  |  |
| National governance |  | 0.15+ |  |  |  |  |  |  |
|  | (-0.01 - 0.31) |  |  |  |  |  |  |
| Municipal governance |  |  |  | -0.11+ |  | 0.59\* |  |  |
|  |  |  | (-0.24 - 0.007) |  | (0.01 - 1.2) |  |  |
| Outpatients (100s) |  |  | 0.12\*\*\* |  |  |  | 0.11\*\*\* |  |
|  |  | (0.05 - 0.19) |  |  |  | (0.04 - 0.17) |  |
| Observations | 33 | 28 | 32 | 29 | 26 | 25 | 17 | 14 |

95% Confidence interval in parentheses.

\*\*\*=p<0.001, \*\*=p<0.01, \*=p<0.05, +=p<0.1

GLM (Generalized Linear Models)