**Supplementary table**:

Table 3. Meta-analysis of diagnostic accuracy(TIC)

Log likelihood = -48.14007 Number of studies = 10

Covariance between estimates of E(logitSe) & E(logitSp) -.0495708

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **Coef.** | **Std. Err.** | **z** | **P>|z|** | **[95% Conf.Interval]** | |
| **Bivariate** |  |  |  |  |  |  |
| E(logitSe) | 1.594209 | 0.2052066 |  |  | 1.192012 | 1.996407 |
| E(logitSp) | 4.90434 | 0.3136 |  |  | 4.289695 | 5.518984 |
| Var(logitSe) | 0.2470086 | 0.1980255 |  |  | 0.0513226 | 1.188819 |
| Var(logitSp)  Corr(logits) | 0.4435987 | 0.3546483 |  |  | 0.0925703 | 2.125734 |
| -1 | . |  |  | . | . |
| **HSROC** |  |  |  |  |  |  |
| Lambda | 6.082041 | 0.3310434 |  |  | 5.433207 | 6.730874 |
| Theta | -1.195517 | 0.5233606 |  |  | -2.221284 | -0.1697488 |
| beta | 0.2927485 | 0.3260046 | 0.90 | 0.369 | -0.3462088 | 0.9317059 |
| s2alpha | 0 | . |  |  | . | . |
| s2theta | 0.3310177 | 0.2420421 |  |  | 0.0789673 | 1.38757 |
| **Summary pt.** |  | |  |  |  |  |
| Se | 0.8312075 | 0.0287908 |  |  | 0.7671007 | 0.8804193 |
| Sp | 0.9926402 | 0.002291 |  |  | 0.9864763 | 0.9960061 |
| DOR | 664.1772 | 134.9983 |  |  | 445.9352 | 989.2276 |
| LR+ | 112.9393 | 32.24043 |  |  | 64.54394 | 197.6219 |
| LR- | 0.170044 | 0.028703 |  |  | 0.1221463 | 0.2367239 |
| 1/LR- | 5.880832 | 0.9926714 |  |  | 4.22433 | 8.186904 |

Table 4. Meta-analysis of diagnostic accuracy(FS)

Log likelihood = -9.1731748 Number of studies = 6

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Coef. | Std. Err. | z | P>|z| | [95% Conf. Interval] | |
| Bivariate |  |  |  |  |  |  |
| E(logitSe) | 2.15182 | 0.272804 |  |  | 1.617134 | 2.686506 |
| E(logitSp) | 23.41285 | 5614.689 |  |  | -10981.18 | 11028 |
| Var(logitSe) | 3.76E-09 |  |  |  |  |  |
| Var(logitSp) | 1.634201 |  |  |  |  |  |
| Corr(logits) | -0.2452329 |  |  |  | -1 | 1 |
| HSROC |  |  |  |  |  |  |
| Lambda | 310.9337 | 391718.7 |  |  | -767443.6 | 768065.4 |
| Theta | 155.3047 | 196032.8 |  |  | -384062 | 384372.6 |
| beta | 9.945488 | 2522.059 | 0.00 | 0.997 | -4933.2 | 4953.091 |
| s2alpha | 0.0001183 | 0.98966 |  |  | 0 |  |
| s2theta | 0.0000488 | 0.2667798 |  |  | 0 |  |
| Summary pt. |  | |  |  |  |  |
| Se | 0.8958387 | 0.0254558 |  |  | 0.8343995 | 0.9362257 |
| Sp | 1 | 3.81E-07 |  |  |  | 1 |
| DOR | 1.27E+11 | 7.11E+14 |  |  | 0 |  |
| LR+ | 1.32E+10 | 7.41E+13 |  |  | 0 |  |
| LR- | 0.1041613 | 0.0254558 |  |  | 0.0645182 | 0.1681628 |
| 1/LR- | 9.600498 | 2.34625 |  |  | 5.946618 | 15.49949 |

Covariance between estimates of E(logitSe) & E(logitSp) .002994