Supplementary Materials: The Role of Positron Emission Tomography in Clinical Management of Intraductal Papillary Mucinous Neoplasms of the Pancreas.

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Text S1. Report of statistical analysis performed for two sample binary diagnostic tests. 18-FDG PET (Test1) and ICG (Test 2).

Counts for Tests 1 and 2

Counts for Test 1

True	Diagnostic Test Result		
Condition	**Positive**	**Negative**	**Total**
Present	168	43	211
Absent	10	198	208
Total	178	241	419

Counts for Test 2

	Diagnostic Test Result		
	Positive	**Negative**	**Total**
Present	152	74	226
Absent	78	108	186
Total	230	182	412

Two Sample Binary Diagnostic Tests

Sensitivity Confidence Intervals Section

Statistic	**Test**	**Value**	**Lower 95.0% Conf. Limit**	**Upper 95.0% Conf. Limit**
Sensitivity (Se1)	1	0.7962	0.7368	0.8450
Sensitivity (Se2)	2	0.6726	0.6089	0.7304
Difference (Se1-Se2)		0.1236	0.0411	0.2050
Ratio (Se1/Se2)		1.1838	1.0575	1.3305

Specificity Confidence Intervals Section

Statistic	**Test**	**Value**	**Lower 95.0% Conf. Limit**	**Upper 95.0% Conf. Limit**
Specificity (Sp1)	1	0.9519	0.9138	0.9737
Specificity (Sp2)	2	0.5806	0.5088	0.6492
Difference (Sp1-Sp2)		0.3713	0.2948	0.4480
Ratio (Sp1/Sp2)		1.6394	1.4572	1.8763

Likelihood Ratio Section

Statistic	**Test**	**Value**	**Lower 95.0% Conf. Limit**	**Upper 95.0% Conf. Limit**
LR(Test=Posivitive)	1	16.5611	9.4512	32.2283
	2	1.6038	1.3319	1.9587
LR(Test=Negative)	1	0.2141	0.1611	0.2759
	2	0.5639	0.4486	0.7024

Odds Ratio Section

			Lower 95.0%	**Upper 95.0%**

Statistic	Test	Value	Conf. Limit	Conf. Limit
Odds Ratio (+ 1/2)	1	73.2288	36.2013	148.1290
	2	2.8293	1.8939	4.2265
Odds Ratio (Fleiss)	1	73.2288	36.0892	170.3492
	2	2.8293	1.8643	4.3435

Hypothesis Tests of the Equivalence of Sensitivity

Statistic	Prob Level	Lower 90.0% Conf. Limit	Upper 90.0% Conf. Limit	Lower Equiv. Bound	Upper Equiv. Bound	Reject H0 and Conclude Equivalence at the 5.0% Significance Level
Diff. (Se1-Se2)	0.0012	0.0545	0.1920	-0.2500	0.2500	Yes
Ratio (Se1/Se2)	0.1770	1.0769	1.3051	0.8000	1.2500	No

Notes:
Equivalence is concluded when the confidence limits fall completely inside the equivalence bounds.

Hypothesis Tests of the Equivalence of Specificity

Statistic	Prob Level	Lower 90.0% Conf. Limit	Upper 90.0% Conf. Limit	Lower Equiv. Bound	Upper Equiv. Bound	Reject H0 and Conclude Equivalence at the 5.0% Significance Level
Diff. (Sp1-Sp2)		0.3071	0.4356	-0.2500	0.2500	No
Ratio (Sp1/Sp2)		1.4837	1.8337	0.8000	1.2500	No

Notes:
Equivalence is concluded when the confidence limits fall completely inside the equivalence bounds.

Tests Showing the Sensitivity Non-inferiority of Test 1 Compared to Test 2

Statistic	Prob Level	Lower 90.0% Conf. Limit	Upper 90.0% Conf. Limit	Lower Equiv. Bound	Upper Equiv. Bound	Reject H0 and Conclude Non-inferiority at the 5.0% Significance Level
Diff. (Se1-Se2)	0.0000	0.0545	0.1920	-0.2500	0.2500	Yes
Ratio (Se1/Se2)	0.0000	1.0769	1.3051	0.8000	1.2500	Yes

Notes:
H0: The sensitivity of Test 1 is inferior to Test 2.
Ha: The sensitivity of Test 1 is non-inferior to Test 2.

Tests Showing the Specificity Non-inferiority of Test 1 Compared to Test 2

Statistic	Prob Level	Lower 90.0% Conf. Limit	Upper 90.0% Conf. Limit	Lower Equiv. Bound	Upper Equiv. Bound	Reject H0 and Conclude Non-inferiority at the 5.0% Significance Level
Diff. (Sp1-Sp2)		0.3071	0.4356	-0.2500	0.2500	Yes
Ratio (Sp1/Sp2)		1.4837	1.8337	0.8000	1.2500	Yes

Notes:
H0: The specificity of Test 1 is inferior to Test 2.

Ha: The specificity of Test 1 is non-inferior to Test 2.

-- Confidence Interval Method

Difference C.I. Method:	Score w/ Skewness (Gart-Nam)
Ratio C.I. Method:	Score w/ Skewness (Gart-Nam)

-- Report Options

Alpha - C.I.'s:	0.05
Alpha - Tests:	0.05
Proportion Decimals:	4
Probability Decimals:	4

-- Equivalence or Non-Inferiority Settings

Max Equivalence Difference:	0.25
Max Equivalence Ratio:	1.25