

Supplemental Table 1

Sensitivities and specificities according to anatomical location and submodality, adjusted for clustering of lesions

| Lesion location | Modality | | | | |
|-------------------------------|-------------------|-------------------|----------------------|-------------------|-------------------|
| | CT-phases | | | | PET |
| | combined | early arterial | portal-venous inflow | venous | |
| All locations | | | | | |
| Sensitivity (95%-CI) | 73.1% (64.2-80.4) | 41.4% (30.3-53.4) | 69.8% (48.4-71.2) | 60.3% (49.2-71.9) | 69.8% (58.6-79.1) |
| Specificity (95%-CI) | 86.0% (74.5-92.8) | 95.9% (87.1-98.8) | 94.1% (85.1-97.8) | 92.7% (82.2-97.2) | 98.0% (92.7-99.5) |
| Liver | | | | | |
| Sensitivity (95%-CI) | 82.3% (71.4-89.8) | 38.0% (22.1-57.2) | 70.9% (53.0-84.1) | 66.3% (47.6-80.9) | 77.9% (61.7-88.5) |
| Specificity (95%-CI) | 79.1% (62.6-89.5) | 89.7% (74.0-96.4) | 92.4% (78.9-97.6) | 91.1% (76.5-97.0) | 99.2% (92.9-99.9) |
| Lymph nodes | | | | | |
| Sensitivity (95%-CI) | 53.0% (37.3-68.1) | 40.3% (21.0-63.1) | 40.3% (21.0-63.1) | 50.5% (28.9-71.9) | 70.0% (48.3-85.3) |
| Specificity (95%-CI) | - | - | - | - | - |
| Bone | | | | | |
| Sensitivity (95%-CI) | 71.8% (28.9-94.1) | 75.6% (21.7-97.2) | 75.6% (21.7-97.2) | 75.6% (21.7-97.2) | 22.3% (2.5-76.1) |
| Specificity (95%-CI) | - | - | - | - | - |
| Pancreas | | | | | |
| Sensitivity (95%-CI) | 58.3% (32.2-80.5) | 54.1% (18.2-86.2) | 54.1% (18.2-86.2) | 54.1% (18.2-86.2) | 97.4% (76.0-99.8) |
| Specificity (95%-CI) | - | - | - | - | - |
| Gastrointestinal tract | | | | | |
| Sensitivity (95%-CI) | 0.0% (no CI) | 0.0% (no CI) | 0.0% (no CI) | 0.0% (no CI) | 100.0% (no CI) |
| Specificity (95%-CI) | - | - | - | - | - |
| Basal lung | | | | | |
| Sensitivity (95%-CI) | 100.0% (no CI) | 66.7% (no CI) | 66.7% (no CI) | 100.0% (no CI) | 16.7% (no CI) |
| Specificity (95%-CI) | - | - | - | - | - |
| Other | | | | | |
| Sensitivity (95%-CI) | 50.0% (0.2-99.8) | 52.5% (0-99.9) | 52.5% (0-99.9) | 52.5% (0-99.9) | 99.7% (6.4-100.0) |
| Specificity (95%-CI) | - | - | - | - | - |

Legend: CI, confidence interval; -, calculation not possible