

**eTable 9: Results of meta-analyses involving t-tau and subgroup analyses based on QUADAS-2 quality and clinical criteria**

Abbreviations of domains and criteria can be found in eTable 3.

FPR: false positive rate

NaN: not a number (correlation cannot be calculated)

SD: standard deviation

TPR: true positive rate

| Level of certainty of sCJD diagnosis                 | 12 studies that investigated t-tau (x: included in respective analysis) |          |          |       |              |           |       |           |        |         |              |           |      |              |       |                |
|--|---|----------|----------|-------|--------------|-----------|-------|-----------|--------|---------|--------------|-----------|------|--------------|-------|----------------|
|  | Studies included  | SD (TPR) | SD (FPR) | Corr. | Abu-Rumeileh | Baldeiras | Bizzi | Bongianni | Chohan | Fiorini | Franceschini | Lattanzio | Otto | Sanchez-Juan | Simon | Van Everbroeck |
| <b>All studies</b>                                   |   |          |          |       |              |           |       |           |        |         |              |           |      |              |       |                |
| Definite, probable, and possible sCJD cases          | 12  | 0.32     | 1.00     | 0.10  | x            | x         | x     | x         | x      | x       | x            | x         | x    | x            | x     | x              |
| Definite and probable sCJD cases                     | 11  | 0.35     | 1.01     | 0.22  | x            | x         | x     | x         | x      | x       | x            | x         | x    |              | x     | x              |
| Definite sCJD cases                                  | 9   | 0.38     | 0.74     | 0.41  | x            | x         | x     | x         | x      | x       | x            | x         | x    |              |       |                |
| <b>Aβ42 investigated</b>                             |   |          |          |       |              |           |       |           |        |         |              |           |      |              |       |                |
| Definite, probable, and possible sCJD cases          | 2   | 0        | 0.83     | NaN   |              | x         |       |           |        |         |              | x         |      |              |       |                |
| Definite and probable sCJD cases                     | 2   | 0.01     | 0.83     | 1.00  |              | x         |       |           |        |         |              | x         |      |              |       |                |
| Definite sCJD cases                                  | 2   | 0        | 0.83     | NaN   |              | x         |       |           |        |         |              | x         |      |              |       |                |
| <b>Aβ42 not investigated</b>                         |   |          |          |       |              |           |       |           |        |         |              |           |      |              |       |                |
| Definite, probable, and possible sCJD cases          | 10  | 0.36     | 1.02     | 0.09  | x            |           | x     | x         | x      | x       | x            |           | x    | x            | x     | x              |
| Definite and probable sCJD cases                     | 9   | 0.40     | 1.04     | 0.21  | x            |           | x     | x         | x      | x       | x            |           | x    |              | x     | x              |
| Definite sCJD cases                                  | 7   | 0.46     | 0.67     | 0.38  | x            |           | x     | x         | x      | x       | x            |           | x    |              |       |                |
| <b>Case-control studies</b>                          |   |          |          |       |              |           |       |           |        |         |              |           |      |              |       |                |
| Definite, probable, and possible sCJD cases          | 3   | 0.44     | 1.35     | 1.00  | x            | x         |       | x         |        |         |              |           |      |              |       |                |
| Definite and probable sCJD cases                     | 3   | 0.44     | 1.35     | 1.00  | x            | x         |       | x         |        |         |              |           |      |              |       |                |
| Definite sCJD cases                                  | 3   | 0.54     | 1.35     | 1.00  | x            | x         |       | x         |        |         |              |           |      |              |       |                |
| <b>Cohort studies</b>                                |   |          |          |       |              |           |       |           |        |         |              |           |      |              |       |                |
| Definite, probable, and possible sCJD cases          | 9   | 0.31     | 0.91     | -0.18 |              |           | x     |           | x      | x       | x            | x         | x    | x            | x     | x              |
| Definite and probable sCJD cases                     | 8   | 0.36     | 0.92     | -0.08 |              |           | x     |           | x      | x       | x            | x         | x    |              | x     | x              |
| Definite sCJD cases                                  | 6   | 0.34     | 0.51     | -0.09 |              |           | x     |           | x      | x       | x            | x         | x    |              |       |                |
| <b>D01 excl. high risk of bias (≥3 / 3 criteria)</b> |   |          |          |       |              |           |       |           |        |         |              |           |      |              |       |                |
| Definite, probable, and possible sCJD cases          | 9   | 0.31     | 0.91     | -0.18 |              |           | x     |           | x      | x       | x            | x         | x    | x            | x     | x              |
| Definite and probable sCJD cases                     | 8   | 0.36     | 0.92     | -0.08 |              |           | x     |           | x      | x       | x            | x         | x    |              | x     | x              |

12 studies that investigated t-tau (x: included in respective analysis)

| Level of certainty<br>of sCJD diagnosis              | Studies included | SD (TPR) | SD (FPR) | Corr. | Abu-Rumeileh | Baldeiras | Bizzi | Bongianni | Chohan | Fiorini | Franceschini | Lattanzio | Otto | Sanchez-Juan | Simon | Van Everbroeck |
|--|------------------|----------|----------|-------|--------------|-----------|-------|-----------|--------|---------|--------------|-----------|------|--------------|-------|----------------|
| Definite sCJD cases                                  | 6                | 0.34     | 0.51     | -0.09 |              |           | x     |           | x      | x       | x            | x         | x    |              |       |                |
| <b>D01 excl. high risk of bias (≥2 / 3 criteria)</b> |                  |          |          |       |              |           |       |           |        |         |              |           |      |              |       |                |
| Definite, probable, and possible sCJD cases          | 9                | 0.31     | 0.91     | -0.18 |              |           | x     |           | x      | x       | x            | x         | x    | x            | x     | x              |
| Definite and probable sCJD cases                     | 8                | 0.36     | 0.92     | -0.08 |              |           | x     |           | x      | x       | x            | x         | x    |              | x     | x              |
| Definite sCJD cases                                  | 6                | 0.34     | 0.51     | -0.09 |              |           | x     |           | x      | x       | x            | x         | x    |              |       |                |
| <b>D01 excl. high risk of bias (≥1 / 3 criteria)</b> |                  |          |          |       |              |           |       |           |        |         |              |           |      |              |       |                |
| Definite, probable, and possible sCJD cases          | 4                | 0.13     | 0.52     | 0.27  |              |           |       |           |        | x       | x            | x         |      |              | x     |                |
| Definite and probable sCJD cases                     | 4                | 0.09     | 0.53     | 0.30  |              |           |       |           |        | x       | x            | x         |      |              | x     |                |
| Definite sCJD cases                                  | 3                | 0.09     | 0.09     | -1.00 |              |           |       |           |        | x       | x            | x         |      |              |       |                |
| <b>D02 excl. high risk of bias (≥1 / 2 criteria)</b> |                  |          |          |       |              |           |       |           |        |         |              |           |      |              |       |                |
| Definite, probable, and possible sCJD cases          | 7                | 0.02     | 1.21     | 1.00  |              |           | x     | x         | x      | x       |              |           |      | x            | x     | x              |
| Definite and probable sCJD cases                     | 6                | 0.21     | 1.25     | 0.39  |              |           | x     | x         | x      | x       |              |           |      |              | x     | x              |
| Definite sCJD cases                                  | 4                | 0.17     | 0.59     | -1.00 |              |           | x     | x         | x      | x       |              |           |      |              |       |                |
| <b>D03 excl. high risk of bias (≥1 / 2 criteria)</b> |                  |          |          |       |              |           |       |           |        |         |              |           |      |              |       |                |
| Definite, probable, and possible sCJD cases          | 10               | 0.24     | 1.12     | 0.16  | x            | x         | x     | x         |        | x       | x            | x         | x    | x            |       | x              |
| Definite and probable sCJD cases                     | 9                | 0.24     | 1.14     | 0.71  | x            | x         | x     | x         |        | x       | x            | x         | x    |              |       | x              |
| Definite sCJD cases                                  | 8                | 0.36     | 0.79     | 1.00  | x            | x         | x     | x         |        | x       | x            | x         | x    |              |       |                |
| <b>D04 excl. high risk of bias (≥3 / 4 criteria)</b> |                  |          |          |       |              |           |       |           |        |         |              |           |      |              |       |                |
| Definite, probable, and possible sCJD cases          | 12               | 0.32     | 1.00     | 0.10  | x            | x         | x     | x         | x      | x       | x            | x         | x    | x            | x     | x              |
| Definite and probable sCJD cases                     | 11               | 0.35     | 1.01     | 0.22  | x            | x         | x     | x         | x      | x       | x            | x         | x    |              | x     | x              |
| Definite sCJD cases                                  | 9                | 0.38     | 0.74     | 0.41  | x            | x         | x     | x         | x      | x       | x            | x         | x    |              |       |                |
| <b>D04 excl. high risk of bias (≥2 / 4 criteria)</b> |                  |          |          |       |              |           |       |           |        |         |              |           |      |              |       |                |
| Definite, probable, and possible sCJD cases          | 11               | 0.32     | 0.96     | 0.08  | x            |           | x     | x         | x      | x       | x            | x         | x    | x            | x     | x              |
| Definite and probable sCJD cases                     | 10               | 0.36     | 0.97     | 0.20  | x            |           | x     | x         | x      | x       | x            | x         | x    |              | x     | x              |
| Definite sCJD cases                                  | 8                | 0.39     | 0.58     | 0.35  | x            |           | x     | x         | x      | x       | x            | x         | x    |              |       |                |
| <b>D04 excl. high risk of bias (≥1 / 4 criteria)</b> |                  |          |          |       |              |           |       |           |        |         |              |           |      |              |       |                |
| Definite, probable, and possible sCJD cases          | 5                | 0.32     | 0.39     | 0.94  | x            |           | x     | x         |        | x       | x            |           |      |              |       |                |
| Definite and probable sCJD cases                     | 5                | 0.32     | 0.39     | 0.94  | x            |           | x     | x         |        | x       | x            |           |      |              |       |                |
| Definite sCJD cases                                  | 5                | 0        | 0.34     | NaN   | x            |           | x     | x         |        | x       | x            |           |      |              |       |                |

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12 studies that investigated t-tau (x: included in respective analysis)

| Level of certainty<br>of sCJD diagnosis     | Studies included | SD (TPR) | SD (FPR) | Corr. | Abu-Rumeileh | Baldeiras | Bizzi | Bongianni | Chohan | Fiorini | Franceschini | Lattanzio | Otto | Sanchez-Juan | Simon | Van Everbroeck |
|---|------------------|----------|----------|-------|--------------|-----------|-------|-----------|--------|---------|--------------|-----------|------|--------------|-------|----------------|
| Definite, probable, and possible sCJD cases | 7                | 0.27     | 0.59     | 0.35  |              |           | x     |           |        | x       | x            | x         | x    | x            | x     |                |
| Definite and probable sCJD cases            | 6                | 0.24     | 0.59     | 1.00  |              |           | x     |           |        | x       | x            | x         | x    |              | x     |                |
| Definite sCJD cases                         | 5                | 0.24     | 0.48     | 1.00  |              |           | x     |           |        | x       | x            | x         | x    |              |       |                |
| <b>K03 excl. high/unclear risk of bias</b>  |                  |          |          |       |              |           |       |           |        |         |              |           |      |              |       |                |
| Definite, probable, and possible sCJD cases | 5                | 0.24     | 0.64     | 1.00  |              |           | x     |           |        |         | x            | x         | x    |              | x     |                |
| Definite and probable sCJD cases            | 5                | 0.25     | 0.64     | 1.00  |              |           | x     |           |        |         | x            | x         | x    |              | x     |                |
| Definite sCJD cases                         | 4                | 0.26     | 0.55     | 1.00  |              |           | x     |           |        |         | x            | x         | x    |              |       |                |
| <b>K04 excl. high risk of bias</b>          |                  |          |          |       |              |           |       |           |        |         |              |           |      |              |       |                |
| Definite, probable, and possible sCJD cases | 9                | 0.15     | 1.13     | 0.29  | x            | x         | x     | x         | x      | x       |              |           |      | x            | x     | x              |
| Definite and probable sCJD cases            | 8                | 0.25     | 1.16     | 0.43  | x            | x         | x     | x         | x      | x       |              |           |      |              | x     | x              |
| Definite sCJD cases                         | 6                | 0.31     | 0.88     | 0.26  | x            | x         | x     | x         | x      | x       |              |           |      |              |       |                |
| <b>K04 excl. high/unclear risk of bias</b>  |                  |          |          |       |              |           |       |           |        |         |              |           |      |              |       |                |
| Definite, probable, and possible sCJD cases | 2                | 0        | 1.11     | NaN   |              |           |       | x         | x      |         |              |           |      |              |       |                |
| Definite and probable sCJD cases            | 2                | 0        | 1.11     | NaN   |              |           |       | x         | x      |         |              |           |      |              |       |                |
| Definite sCJD cases                         | 2                | 0.12     | 1.12     | 1.00  |              |           |       | x         | x      |         |              |           |      |              |       |                |
| <b>K05 excl. high risk of bias</b>          |                  |          |          |       |              |           |       |           |        |         |              |           |      |              |       |                |
| Definite, probable, and possible sCJD cases | 10               | 0.32     | 1.03     | 0.09  |              |           | x     | x         | x      | x       | x            | x         | x    | x            | x     | x              |
| Definite and probable sCJD cases            | 9                | 0.37     | 1.04     | 0.21  |              |           | x     | x         | x      | x       | x            | x         | x    |              | x     | x              |
| Definite sCJD cases                         | 7                | 0.38     | 0.64     | 0.32  |              |           | x     | x         | x      | x       | x            | x         | x    |              |       |                |
| <b>K05 excl. high/unclear risk of bias</b>  |                  |          |          |       |              |           |       |           |        |         |              |           |      |              |       |                |
| Definite, probable, and possible sCJD cases | 10               | 0.32     | 1.03     | 0.09  |              |           | x     | x         | x      | x       | x            | x         | x    | x            | x     | x              |
| Definite and probable sCJD cases            | 9                | 0.37     | 1.04     | 0.21  |              |           | x     | x         | x      | x       | x            | x         | x    |              | x     | x              |
| Definite sCJD cases                         | 7                | 0.38     | 0.64     | 0.32  |              |           | x     | x         | x      | x       | x            | x         | x    |              |       |                |
| <b>K07 excl. high risk of bias</b>          |                  |          |          |       |              |           |       |           |        |         |              |           |      |              |       |                |
| Definite, probable, and possible sCJD cases | 10               | 0.24     | 1.12     | 0.16  | x            | x         | x     | x         |        | x       | x            | x         | x    | x            |       | x              |
| Definite and probable sCJD cases            | 9                | 0.24     | 1.14     | 0.71  | x            | x         | x     | x         |        | x       | x            | x         | x    |              |       | x              |
| Definite sCJD cases                         | 8                | 0.36     | 0.79     | 1.00  | x            | x         | x     | x         |        | x       | x            | x         | x    |              |       |                |
| <b>K07 excl. high/unclear risk of bias</b>  |                  |          |          |       |              |           |       |           |        |         |              |           |      |              |       |                |
| Definite, probable, and possible sCJD cases | 4                | 0.45     | 0.85     | 0.89  |              |           |       | x         |        |         | x            | x         | x    |              |       |                |

[illegible]

12 studies that investigated t-tau (x: included in respective analysis)

| Level of certainty<br>of sCJD diagnosis     | Studies included | SD (TPR) | SD (FPR) | Corr. | Abu-Rumeileh | Baldeiras | Bizzi | Bongianni | Chohan | Fiorini | Franceschini | Lattanzio | Otto | Sanchez-Juan | Simon | Van Everbroeck |
|---|------------------|----------|----------|-------|--------------|-----------|-------|-----------|--------|---------|--------------|-----------|------|--------------|-------|----------------|
| Definite sCJD cases                         | 8                | 0.39     | 0.58     | 0.35  | x            |           | x     | x         | x      | x       | x            | x         | x    |              |       |                |
| <b>K12 excl. poor applicability</b>         |                  |          |          |       |              |           |       |           |        |         |              |           |      |              |       |                |
| Definite, probable, and possible sCJD cases | 11               | 0.25     | 1.06     | 0.26  | x            | x         | x     | x         |        | x       | x            | x         | x    | x            | x     | x              |
| Definite and probable sCJD cases            | 10               | 0.22     | 1.09     | 0.98  | x            | x         | x     | x         |        | x       | x            | x         | x    |              | x     | x              |
| Definite sCJD cases                         | 8                | 0.36     | 0.79     | 1.00  | x            | x         | x     | x         |        | x       | x            | x         | x    |              |       |                |
| <b>K12 excl. poor/unclear applicability</b> |                  |          |          |       |              |           |       |           |        |         |              |           |      |              |       |                |
| Definite, probable, and possible sCJD cases | 8                | 0.23     | 0.97     | -0.27 | x            |           | x     |           |        | x       | x            | x         | x    | x            |       | x              |
| Definite and probable sCJD cases            | 7                | 0.22     | 0.96     | 0.21  | x            |           | x     |           |        | x       | x            | x         | x    |              |       | x              |
| Definite sCJD cases                         | 6                | 0.24     | 0.43     | 1.00  | x            |           | x     |           |        | x       | x            | x         | x    |              |       |                |
| <b>K13 excl. poor applicability</b>         |                  |          |          |       |              |           |       |           |        |         |              |           |      |              |       |                |
| Definite, probable, and possible sCJD cases | 11               | 0.35     | 0.99     | 0.03  | x            | x         |       | x         | x      | x       | x            | x         | x    | x            | x     | x              |
| Definite and probable sCJD cases            | 10               | 0.39     | 1.01     | 0.14  | x            | x         |       | x         | x      | x       | x            | x         | x    |              | x     | x              |
| Definite sCJD cases                         | 8                | 0.43     | 0.74     | 0.36  | x            | x         |       | x         | x      | x       | x            | x         | x    |              |       |                |
| <b>K13 excl. poor/unclear applicability</b> |                  |          |          |       |              |           |       |           |        |         |              |           |      |              |       |                |
| Definite, probable, and possible sCJD cases | 11               | 0.35     | 0.99     | 0.03  | x            | x         |       | x         | x      | x       | x            | x         | x    | x            | x     | x              |
| Definite and probable sCJD cases            | 10               | 0.39     | 1.01     | 0.14  | x            | x         |       | x         | x      | x       | x            | x         | x    |              | x     | x              |
| Definite sCJD cases                         | 8                | 0.43     | 0.74     | 0.36  | x            | x         |       | x         | x      | x       | x            | x         | x    |              |       |                |
| <b>Male-to-female ratio &lt;0.75</b>        |                  |          |          |       |              |           |       |           |        |         |              |           |      |              |       |                |
| Definite, probable, and possible sCJD cases | 2                | 0.10     | 0.21     | 1.00  | x            |           |       |           |        |         |              |           | x    |              |       |                |
| Definite and probable sCJD cases            | 2                | 0.10     | 0.21     | 1.00  | x            |           |       |           |        |         |              |           | x    |              |       |                |
| Definite sCJD cases                         | 2                | 0.10     | 0.21     | 1.00  | x            |           |       |           |        |         |              |           | x    |              |       |                |
| <b>Male-to-female ratio &gt;1</b>           |                  |          |          |       |              |           |       |           |        |         |              |           |      |              |       |                |
| Definite, probable, and possible sCJD cases | 3                | 0.32     | 0.43     | 0.50  |              |           |       |           | x      | x       |              |           |      |              | x     |                |
| Definite and probable sCJD cases            | 3                | 0.32     | 0.43     | 0.50  |              |           |       |           | x      | x       |              |           |      |              | x     |                |
| Definite sCJD cases                         | 2                | 0.40     | 0.41     | -1.00 |              |           |       |           | x      | x       |              |           |      |              |       |                |
| <b>Male-to-female ratio 0.75–1</b>          |                  |          |          |       |              |           |       |           |        |         |              |           |      |              |       |                |
| Definite, probable, and possible sCJD cases | 5                | 0.27     | 0.97     | 1.00  |              | x         | x     | x         |        |         | x            | x         |      |              |       |                |
| Definite and probable sCJD cases            | 5                | 0.31     | 0.97     | 1.00  |              | x         | x     | x         |        |         | x            | x         |      |              |       |                |
| Definite sCJD cases                         | 5                | 0.24     | 0.99     | 1.00  |              | x         | x     | x         |        |         | x            | x         |      |              |       |                |

| Level of certainty<br>of sCJD diagnosis     | 12 studies that investigated t-tau (x: included in respective analysis) |          |          |       |              |           |       |           |        |         |              |           |      |              |       |                |
|---|---|----------|----------|-------|--------------|-----------|-------|-----------|--------|---------|--------------|-----------|------|--------------|-------|----------------|
|   | Studies included  | SD (TPR) | SD (FPR) | Corr. | Abu-Rumeileh | Baldeiras | Bizzi | Bongianni | Chohan | Fiorini | Franceschini | Lattanzio | Otto | Sanchez-Juan | Simon | Van Everbroeck |
| Median age >65 years                        |   |          |          |       |              |           |       |           |        |         |              |           |      |              |       |                |
| Definite, probable, and possible sCJD cases | 9   | 0.41     | 0.79     | 0.36  | x            | x         | x     | x         | x      |         | x            | x         | x    |              | x     |                |
| Definite and probable sCJD cases            | 9   | 0.41     | 0.79     | 0.36  | x            | x         | x     | x         | x      |         | x            | x         | x    |              | x     |                |
| Definite sCJD cases                         | 8   | 0.40     | 0.82     | 0.48  | x            | x         | x     | x         | x      |         | x            | x         | x    |              |       |                |
| RT-QuIC not investigated                    |   |          |          |       |              |           |       |           |        |         |              |           |      |              |       |                |
| Definite, probable, and possible sCJD cases | 5   | 0.33     | 0.65     | 0.20  |              | x         |       |           | x      |         |              |           | x    | x            |       | x              |
| Definite and probable sCJD cases            | 4   | 0.45     | 0.69     | 0.18  |              | x         |       |           | x      |         |              |           | x    |              |       | x              |
| Definite sCJD cases                         | 3   | 0.55     | 0.19     | 1.00  |              | x         |       |           | x      |         |              |           | x    |              |       |                |
| Studies <2009                               |   |          |          |       |              |           |       |           |        |         |              |           |      |              |       |                |
| Definite, probable, and possible sCJD cases | 5   | 0.33     | 0.65     | 0.20  |              | x         |       |           | x      |         |              |           | x    | x            |       | x              |
| Definite and probable sCJD cases            | 4   | 0.45     | 0.69     | 0.18  |              | x         |       |           | x      |         |              |           | x    |              |       | x              |
| Definite sCJD cases                         | 3   | 0.55     | 0.19     | 1.00  |              | x         |       |           | x      |         |              |           | x    |              |       |                |
| Studies >2009                               |   |          |          |       |              |           |       |           |        |         |              |           |      |              |       |                |
| Definite, probable, and possible sCJD cases | 7   | 0.24     | 0.63     | 1.00  | x            |           | x     | x         |        | x       | x            | x         |      |              | x     |                |
| Definite and probable sCJD cases            | 7   | 0.25     | 0.63     | 1.00  | x            |           | x     | x         |        | x       | x            | x         |      |              | x     |                |
| Definite sCJD cases                         | 6   | 0        | 0.29     | NaN   | x            |           | x     | x         |        | x       | x            | x         |      |              |       |                |
| Studies with a priori cut-off               |   |          |          |       |              |           |       |           |        |         |              |           |      |              |       |                |
| Definite, probable, and possible sCJD cases | 8   | 0.26     | 1.16     | -0.08 |              |           | x     | x         | x      | x       | x            |           |      | x            | x     | x              |
| Definite and probable sCJD cases            | 7   | 0.33     | 1.18     | 0.03  |              |           | x     | x         | x      | x       | x            |           |      |              | x     | x              |
| Definite sCJD cases                         | 5   | 0.18     | 0.52     | -1.00 |              |           | x     | x         | x      | x       | x            |           |      |              |       |                |
| Studies with data-driven cut-off            |   |          |          |       |              |           |       |           |        |         |              |           |      |              |       |                |
| Definite, probable, and possible sCJD cases | 4   | 0.24     | 0.48     | 1.00  | x            | x         |       |           |        |         |              | x         | x    |              |       |                |
| Definite and probable sCJD cases            | 4   | 0.20     | 0.48     | 1.00  | x            | x         |       |           |        |         |              | x         | x    |              |       |                |
| Definite sCJD cases                         | 4   | 0.27     | 0.47     | 1.00  | x            | x         |       |           |        |         |              | x         | x    |              |       |                |
| Study sample: not only definite cases       |   |          |          |       |              |           |       |           |        |         |              |           |      |              |       |                |
| Definite, probable, and possible sCJD cases | 6   | 0.38     | 0.49     | -0.43 |              |           |       |           | x      | x       | x            | x         | x    | x            |       |                |
| Definite and probable sCJD cases            | 5   | 0.46     | 0.46     | -0.32 |              |           |       |           | x      | x       | x            | x         | x    |              |       |                |
| Definite sCJD cases                         | 5   | 0.41     | 0.46     | -0.36 |              |           |       |           | x      | x       | x            | x         | x    |              |       |                |
| Study sample: only definite cases           |   |          |          |       |              |           |       |           |        |         |              |           |      |              |       |                |

| Level of certainty<br>of sCJD diagnosis     | 12 studies that investigated t-tau (x: included in respective analysis) |          |          |       |              |           |       |           |        |         |              |           |      |              |       |                |  |
|---|---|----------|----------|-------|--------------|-----------|-------|-----------|--------|---------|--------------|-----------|------|--------------|-------|----------------|--|
|   | Studies included  | SD (TPR) | SD (FPR) | Corr. | Abu-Rumeileh | Baldeiras | Bizzi | Bongianni | Chohan | Fiorini | Franceschini | Lattanzio | Otto | Sanchez-Juan | Simon | Van Everbroeck |  |
| Definite, probable, and possible sCJD cases | 6   | 0.21     | 1.38     | 1.00  | x            | x         | x     | x         |        |         |              |           |      |              | x     | x              |  |
| Definite and probable sCJD cases            | 6   | 0.21     | 1.38     | 1.00  | x            | x         | x     | x         |        |         |              |           |      |              | x     | x              |  |
| Definite sCJD cases                         | 4   | 0.42     | 1.17     | 1.00  | x            | x         | x     | x         |        |         |              |           |      |              |       |                |  |