

On-line Table. Ratings accuracy and discrimination between patients with familial CJD (S) and healthy age-matched controls (C)

| Brain Region and Sequence | C, n (%) | S, n (%) | X ² P (LR)* | Sensitivity | Specificity |
|---------------------------|----------|----------------------|------------------------|-------------|-------------|
| CN-Put FLAIR RL | 2 (9) | 13 ^a (87) | <.0001 | 87 | 91 |
| CN FLAIR L | 0 | 12 (80) | <.0001 | 80 | 100 |
| CN FLAIR RL | 0 | 12 (80) | <.0001 | 80 | 100 |
| CN FLAIR R | 0 | 11 (73) | <.0001 | 73 | 100 |
| CN DWI R | 0 | 11 (73) | <.0001 | 73 | 100 |
| CN DWI L | 0 | 11 (73) | <.0001 | 73 | 100 |
| CN DWI RL | 0 | 11 (73) | <.0001 | 73 | 100 |
| CN-Put DWI RL | 0 | 11 (73) | <.0001 | 73 | 100 |
| Put DWI RL | 0 | 10 (67) | <.0001 | 67 | 100 |
| Put FLAIR RL | 2 (9) | 9 (60) | .0007 | 60 | 91 |
| Put FLAIR R | 2 (9) | 8 (53) | .003 | 53 | 91 |
| Put DWI R | 0 | 8 (53) | <.0001 | 53 | 100 |
| Put DWI L | 0 | 8 (53) | <.0001 | 53 | 100 |
| CN T2 R | 0 | 8 (53) | <.0001 | 53 | 100 |
| CN T2 L | 0 | 8 (53) | <.0001 | 53 | 100 |
| CN ADC R | 0 | 7 (47) | <.0001 | 47 | 100 |
| CN ADC L | 0 | 6 (40) | .0004 | 40 | 100 |
| CG GM DWI R | 0 | 6 (40) | .0004 | 40 | 100 |
| Th DWI R | 0 | 6 (40) | .0004 | 40 | 100 |
| Th DWI L | 0 | 6 (40) | .0004 | 40 | 100 |

Note:—Only regions and sequences exceeding a sensitivity of 40% and a specificity of 91% are listed. CN indicates caudate nucleus; Put, putamen; Th, thalamus; CG, cingulate gyrus; GM, gray matter; R, right; L, left; RL, right, left, or both; DWI, diffusion-weighted image; FLAIR, fluid-attenuated inversion recovery image; T1, T1-weighted image; T2, T2-weighted image; ADC, apparent diffusion coefficient image.

* X² P value based on the likelihood ratio (LR).