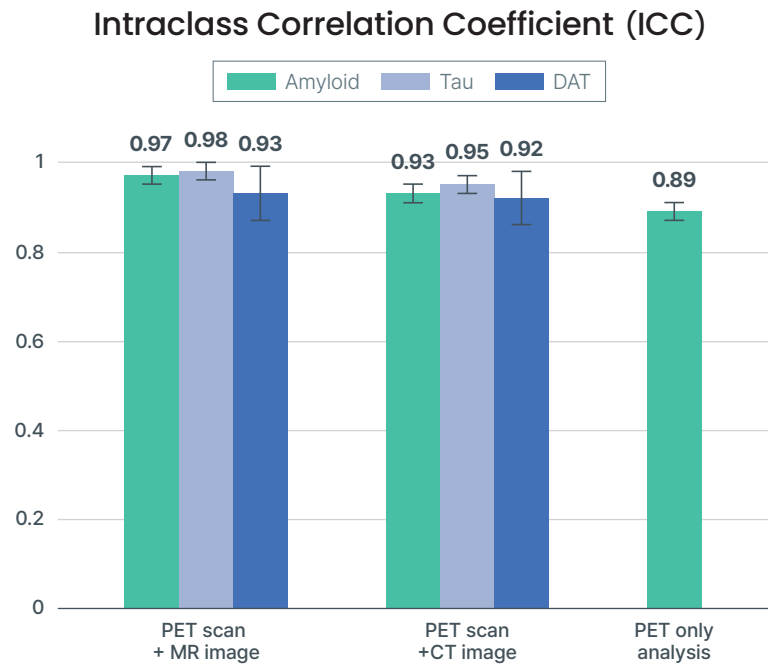
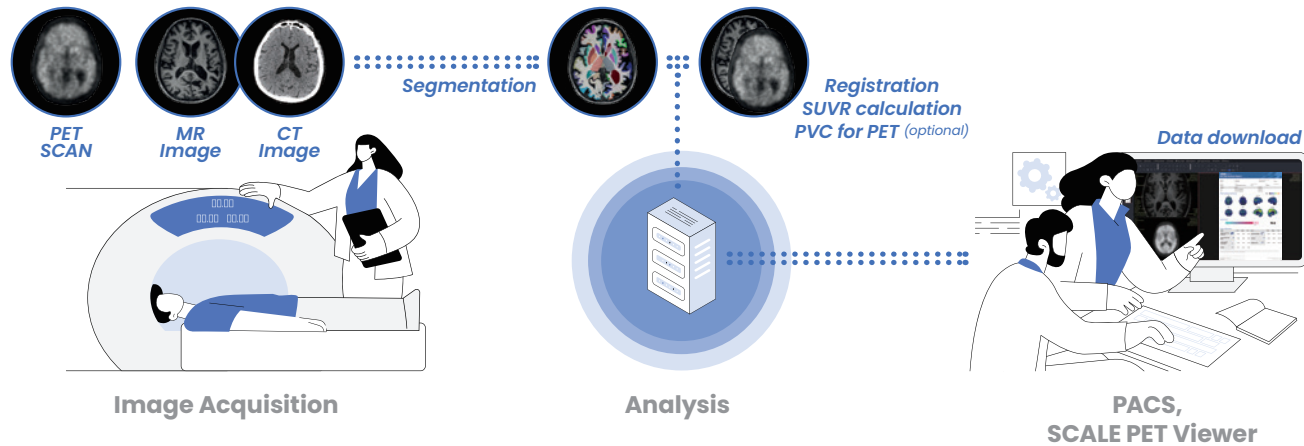


## Fast & Accurate neurophet SCALE PET Analysis



High correlation  
SUVR calculation in  
multi PET tracer &  
multimodal imaging  
conditions<sup>4)</sup>



	MRI SEGMENTATION BY BRAIN REGIONS	REGISTRATION METHOD	FULL ANALYSIS TIME
CONVENTIONAL METHOD	8hours	Manual	8hrs or more
neurophet SCALE PET	1min	Fully Automatic	<div>PET+MR</div> <div>PET only</div> <div>PET+CT</div> <div>5min</div> <div>2min</div>



neurophet

NEUROPHET Inc.  
12F, 124, Teheran-ro, Gangnam-gu, Seoul,  
Republic of Korea

T. +82 2 6954 7971  
F. +82 2 6954 7972  
E. contact@neurophet.com

www.neurophet.com

©2024 NEUROPHET Inc., All rights reserved.

## Visualization of PET Tracer Uptake and SUVR Quantification

KOR

neurophet SCALE PET

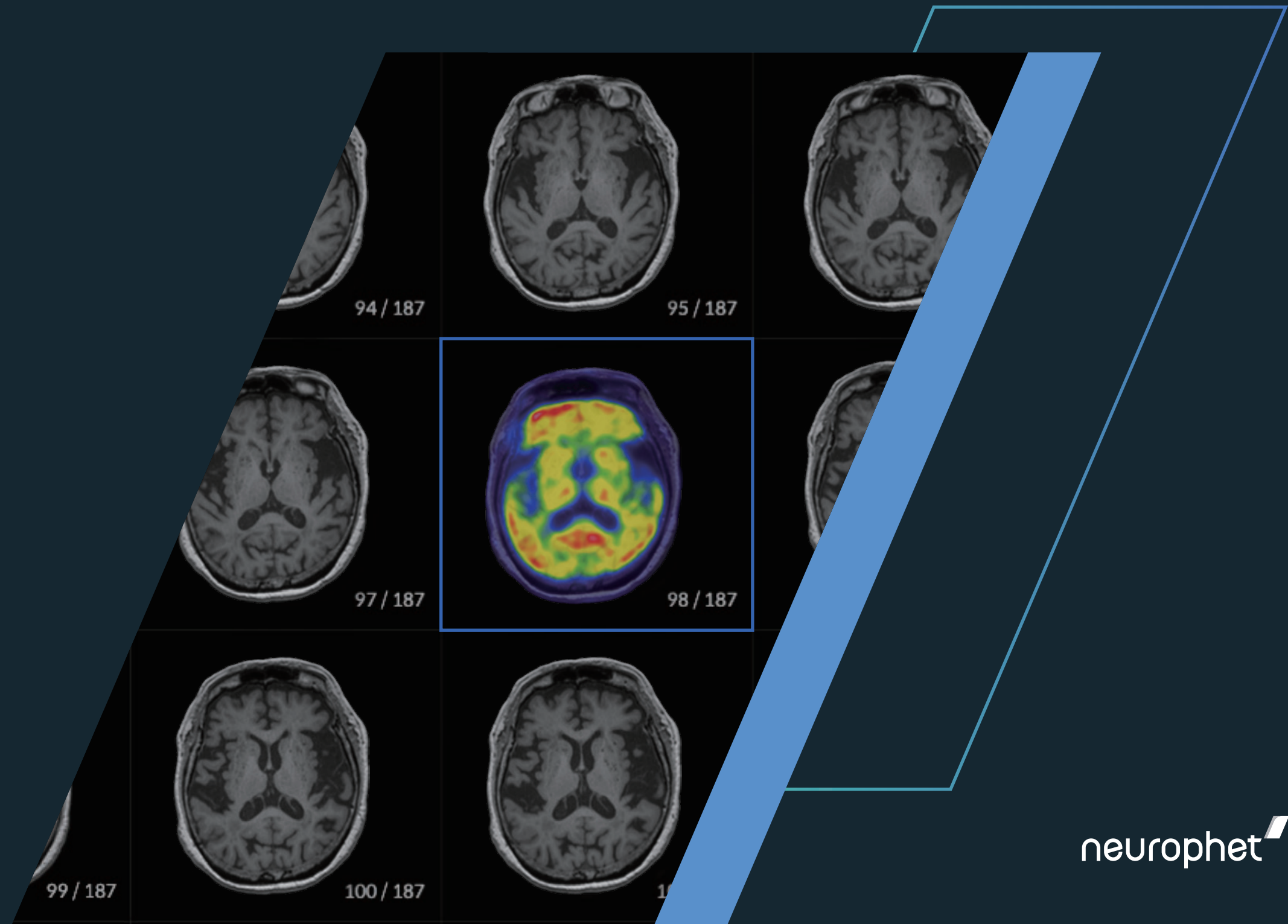
MFDS(Korea) Registered

US-FDA 510(k) Cleared

PMDA(Japan) Registered

HSA(Singapore) Registered

SCALE UP  
Your Medical Insight

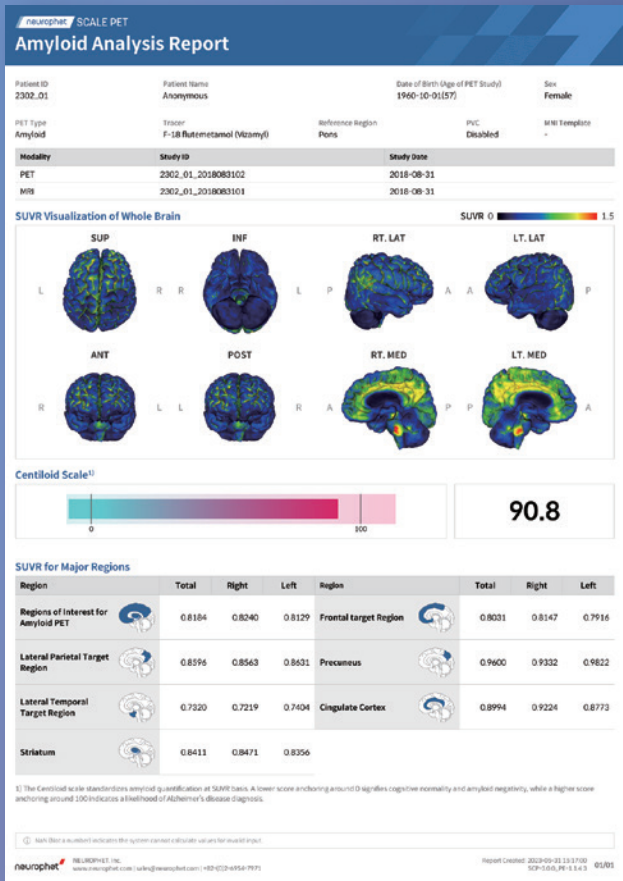
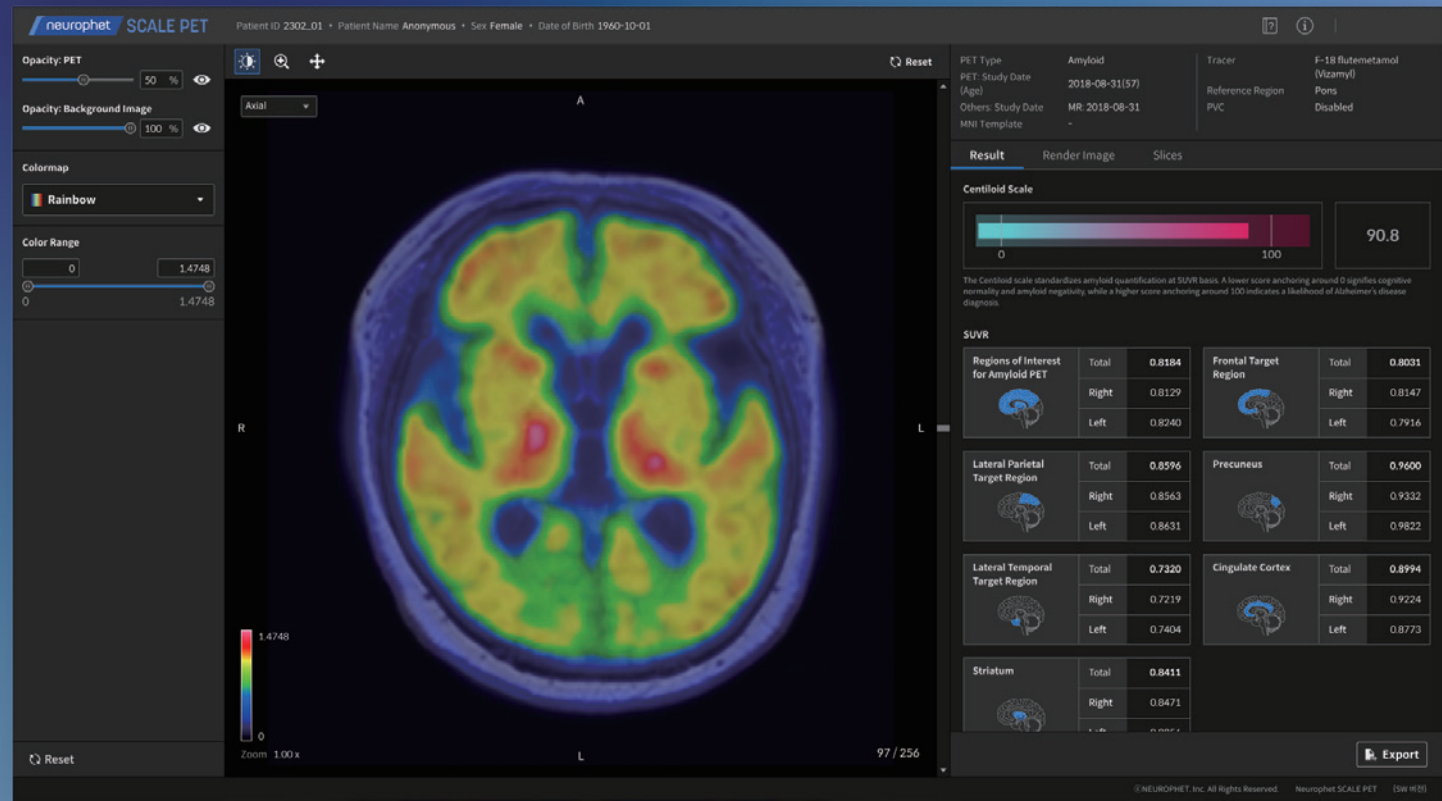


neurophet



From Visualization to Quantification

Amyloid



Fully Automatic SUVR & Centiloid scale

R<sup>2</sup> with the Original Centiloid method : 0.98<sup>4)</sup>

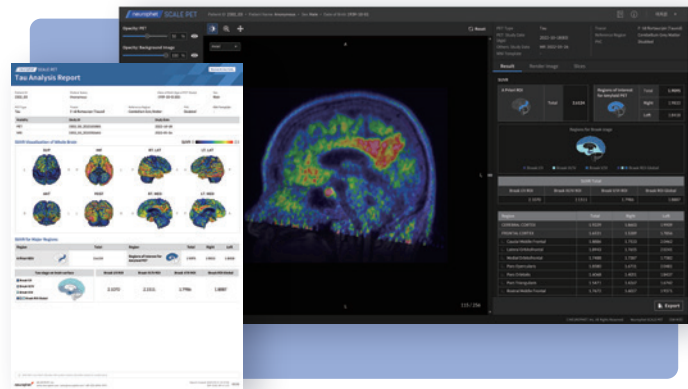
Various Aβ tracer analysis

[<sup>11</sup>C]PiB, [<sup>18</sup>F]Flutemetamol, [<sup>18</sup>F]Florbetaben, [<sup>18</sup>F]Florbetapir, [<sup>18</sup>F]NAV4694, [<sup>18</sup>F]Florapronol

3D Rendered Image

Customizable presets

Tau



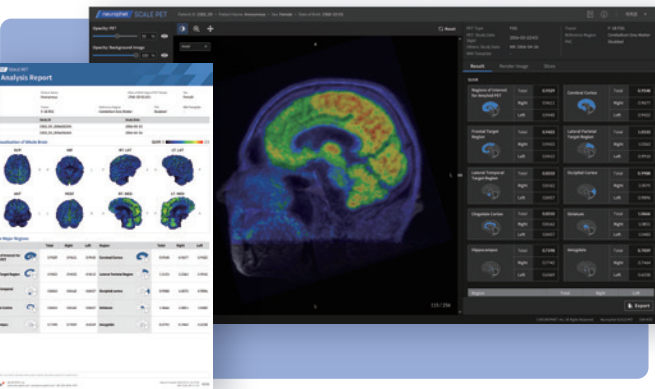
- SUVR for Tau PET staging (Braak stage ROIs & Temporal meta ROIs)
- [<sup>18</sup>F]Flortaucipir, [<sup>18</sup>F]MK-2640, [<sup>18</sup>F]PI-2620 etc

Dopamine



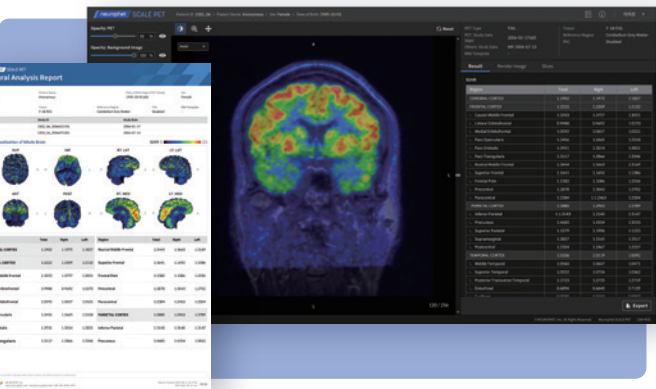
- Specified for striatum
- Asymmetry index
- Supportive for differential diagnosis of Parkinsonism(IPD, MSA, PSP) and ET

FDG



- Specified for ROIs of Neurodegenerative disorders

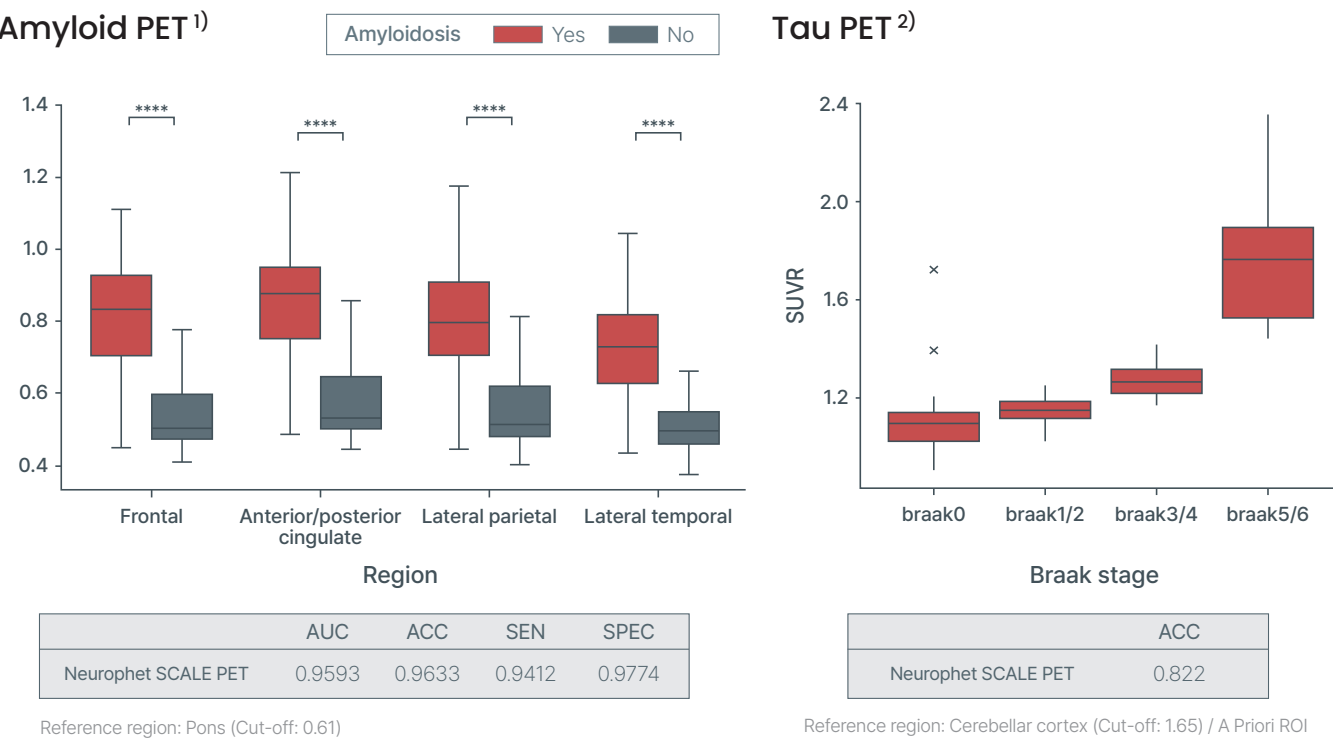
General



- Accurate values for 100+ ROIs with or without MRI registration

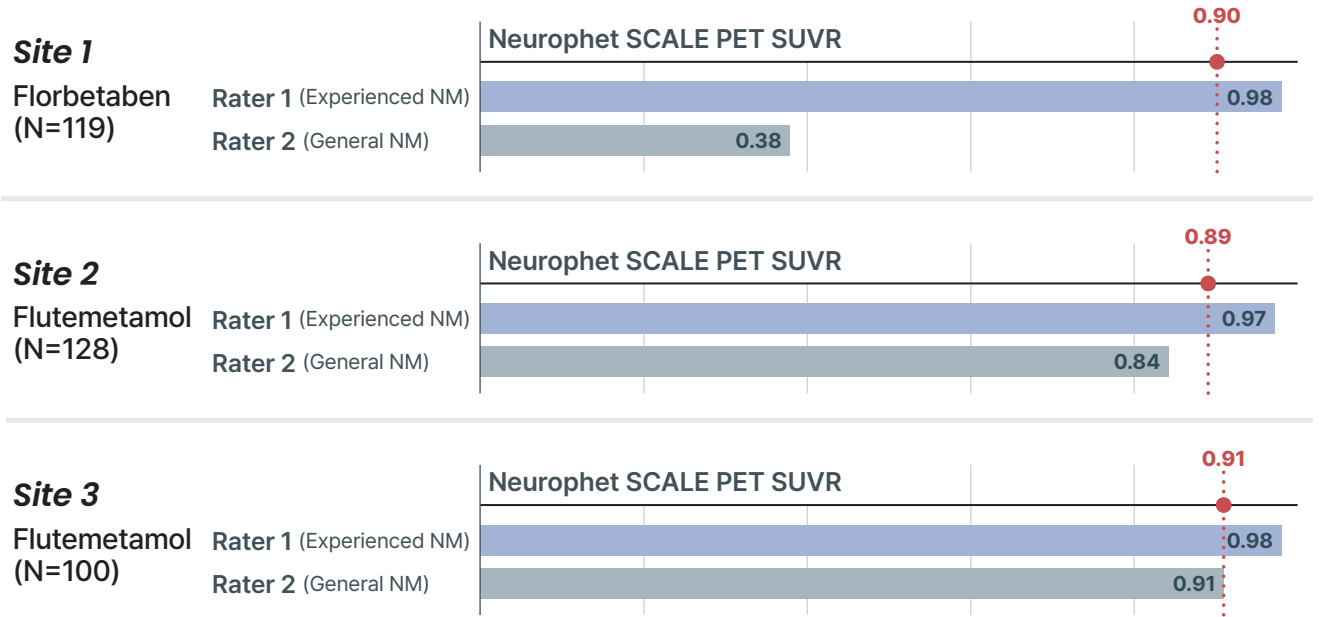
Neurophet SCALE PET supports clinical decision

Concordance of interpretation



Inter-rater Kappa on Amyloid PET positivity<sup>3)</sup>

\*Validated in 3 university hospitals  
\*Compared with the standard reference determined with the agreement between two raters  
\***Rater 1:** Experienced Nuclear Medicine (≥10 years) / **Rater 2:** General Nuclear Medicine(≤3 years)



Ref. 1) Jiyeon Lee et al. Diagnostic 12(3), (2022) 623  
2-3) Data on file, Neurophet Inc, CLIN-09-0001, CLIN-18-0001, GNT-04-0001, GNT-07-0001  
4) Data on file, Neurophet Inc, 10620\_DHF\_UMKO