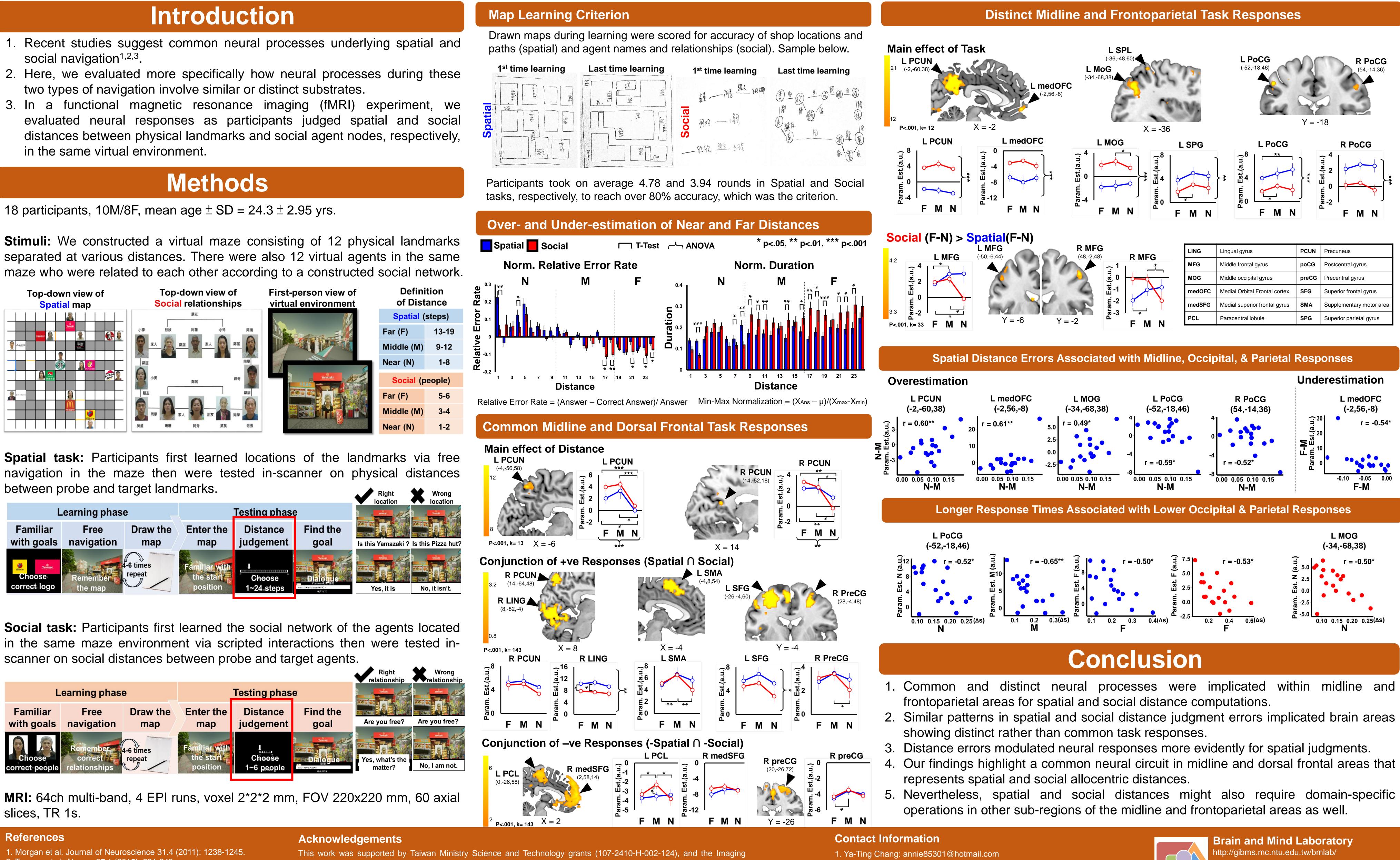
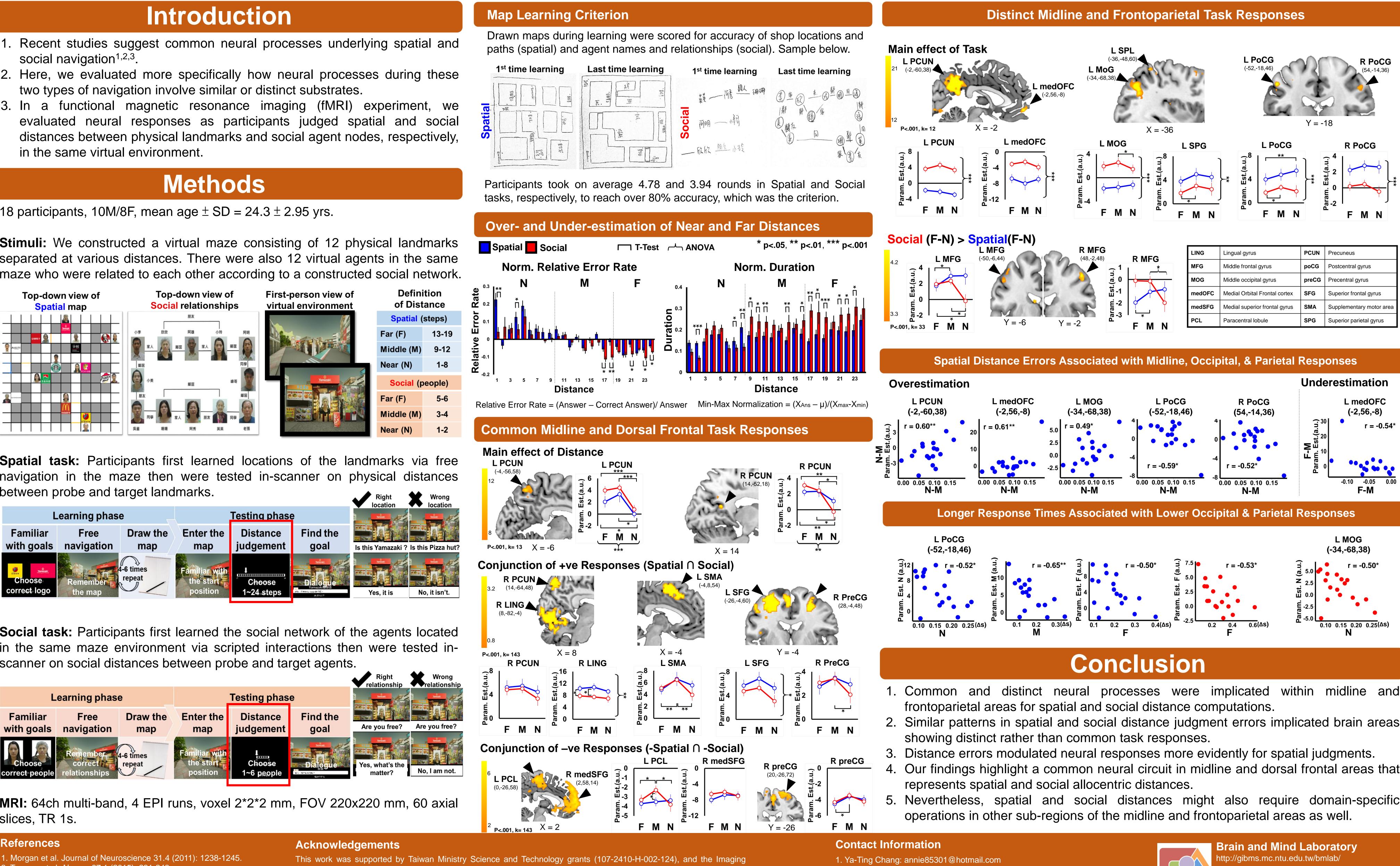




Neural correlates underlying spatial and social navigational distance processing

- social navigation^{1,2,3}.
- two types of navigation involve similar or distinct substrates.
- in the same virtual environment.





| L | earning phase. | Draw the Ent | | Testing phase | | |
|--------------------------|--------------------|---------------------|----------------------------------------|-----------------------|---------------------------------------------------------------------|-------------------------|
| Familiar with goals | Free navigation | Draw the map | Enter the map | Distance judgement | Find the goal | Are you free? |
| Choose correct people | correction | 4-6 times repeat | Familiar with the start position | Choose 1~6 people | Teneral Dialogue Externations Externations Externations | Yes, what's the matter? |

| References | Acknowle |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
| Morgan et al. Journal of Neuroscience 31.4 (2011): 1238-1245. Tavares et al. <i>Neuron</i> 87.1 (2015): 231-243. Tyson, Einstein Journal of Biology & Medicine 29 (2013). | This work wa Center for Int |

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| jual gyrus | PCUN | Precuneus | |
|-----------------------------|-------|-------------------------|--|
| dle frontal gyrus | poCG | Postcentral gyrus | |
| dle occipital gyrus | preCG | Precentral gyrus | |
| lial Orbital Frontal cortex | SFG | Superior frontal gyrus | |
| lial superior frontal gyrus | SMA | Supplementary motor are | |
| acentral lobule | SPG | Superior parietal gyrus | |

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