# Online Supplementary Material 3 – Forest plots for incidence of patients with cognitive decline per time point per cognitive construct

## *Whole-brain radiotherapy*

### Short-term follow-up

Learning and memory [28,35,39,40]



Executive function [35,40]



Verbal fluency [35,40]



Information processing speed [35]



### Mid-term follow-up

Learning and memory [28,35,39,40]



Executive function [35,40]



Verbal fluency [35,40]



Information processing speed [35]



### Long-term follow-up

Learning and memory [40]



Executive function [40]



Verbal fluency [40]



## *Stereotactic radiosurgery*

### Short-term follow-up

Learning and memory [29–32,42]



Executive function [29,30,32]



Verbal fluency [29,32]



Information processing speed [29,30,32]



Fine motor coordination [29,32]



Attention [29,30]



Visual memory and visuoconstruction [30]



### Mid-term follow-up

Learning and memory [29,30,32,42]



Executive function [29,30,32]



Verbal fluency [32]



Information processing speed [30,32]



Fine motor coordination [29,32]



Attention [30]



Visual memory and visuoconstruction [30]



### Long-term follow-up

Learning and memory [32,42]



Executive function [32]



Verbal fluency [32]



Information processing speed [32]



Fine motor coordination [32]

