Appendix 7: A comparative look at Australia, Go8 and Five Eyes research collaborations (2015-2019)

1. Australia and Go8 collaborations with the world by top collaborators

- Australia’s top collaborators in research by number of co-publications are the EU-28 bloc, followed by USA, UK, China, Germany and Canada. See Figure 1 showing the number of research co-publications.
- This is the same for the Go8’s top collaborators in research (2015-2019). See Figure 2.
- Go8 universities proportionately undertake more research than all universities combined with EU-28, USA, UK, Germany and Canada and less research with China (23% vs 25%). See Figures 3 and 4.

Figure 1: Australia 2015-2019 co-pubs, by Top 6 collaborator nations/region

Figure 2: Go8 2015-2019 co-pubs, by Top 6 collaborator nations/region

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1 InCites dataset updated 2020-11-25. Includes Web of Science content indexed through 2020-10-31.
*Note this is for period 2015-2019. Percentages will not add up as some co-publications will involve more than one collaborator.
• By comparison,
  o The United States' top collaborator in research is EU-28 followed by China. Australia is the USA's seventh top collaborator (Figure 5)

Figure 5: US 2015-2019 co-publications by top 7 collaborator nations/region

  o The United Kingdom's top collaborator in research is EU-28. China is its fourth top collaborator, with Australia being its fifth top collaborator (Figure 6).

Figure 6: UK 2015-2019 co-publications by top 7 collaborator nations/region

  o China's top collaborator in research is the USA, followed by EU-28, the UK then Australia (Figure 7).
Figure 7: China 2015-2019 co-publications by top 7 collaborator nations/region
2. **Australia and Go8 collaborations with Five Eyes plus countries**

- 52% of Australia’s collaborations involve the Five Eyes countries - well above the proportion of UK and USA collaborations with Five Eyes partners (Figure 8). Note the collaborations could also involve other countries.

![Figure 8: Percentage of Five Eye countries’ research with other Five Eyes partners (2015-2019)](image)

- 58% of Australia’s collaborations involve Five Eyes or Germany, France and Japan (Figure 9). Note the collaborations could also involve other countries.

![Figure 9: Percentage of Five Eye countries’ research with Five Eyes partners plus Germany, France and Japan (2015-2019)](image)
- The Go8 is more prominent in collaboration with Five Eyes colleagues (when measured as a proportion of its own collaborations) than United States’ Ivy League and the UK’s Russell Group, and less prominent than Canada’s U15. See Figure 10.

![Figure 10: Percentage of leading university groupings research with Five Eyes (2015-2019)](chart)

- Looking at collaborations with Five Eyes and Germany, France and Japan, the Go8 is on a par with the Russell Group, who are both more prominent in collaboration with this Five Eyes plus grouping colleagues (when measured as a proportion of the grouping’s own collaborations) than United States’ Ivy League. See Figure 11.

![Figure 11: Percentage of leading university groupings research with Five Eyes plus Germany, France & Japan (2015-2019)](chart)
- As a share of the respective country’s collaboration with Five Eyes colleagues, the Go8 has a greater share than Ivy League (Figure 12)

![Figure 12: Leading university groupings research with Five Eyes as a percentage of country’s collaborations with Five Eyes](image-url)