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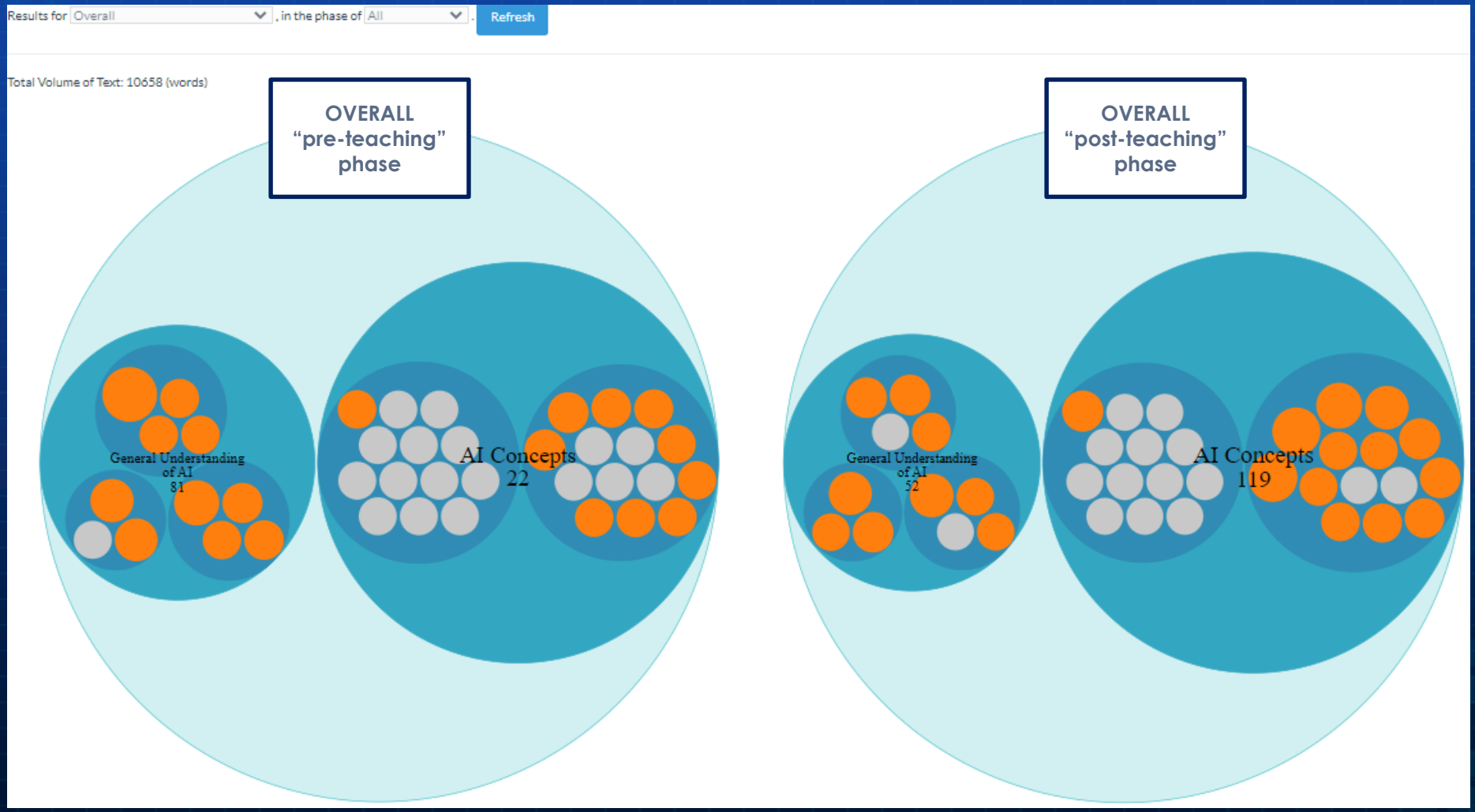
Example: Comparing the Data for the Whole Class

- An analysis on the entire class's pre- and post-teaching reflection for the Course "Understanding Machine Learning" (Source Link: analytics.eduhk.hk/tms/result_tm_cust.php?id=1593&o=a)



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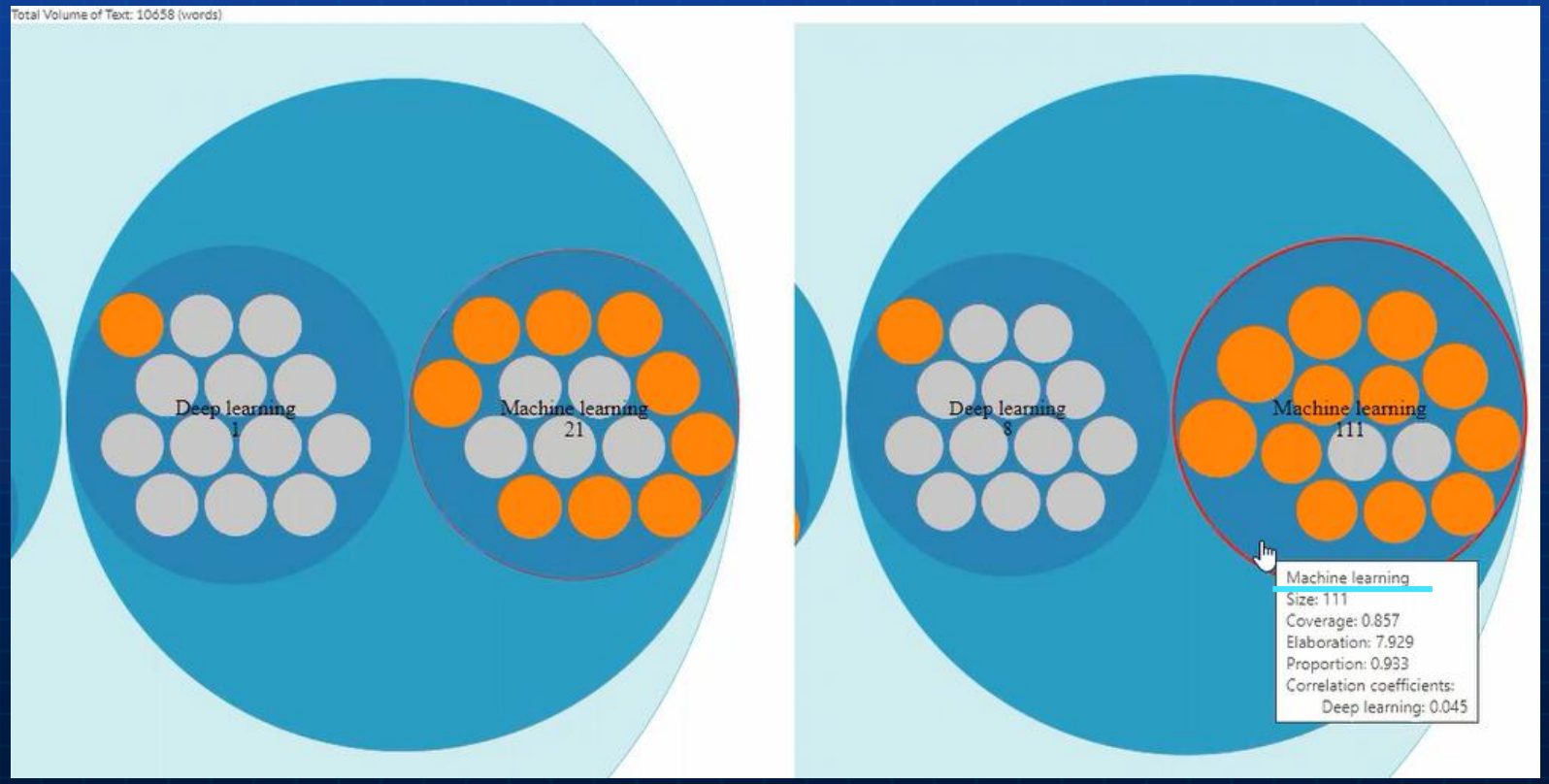
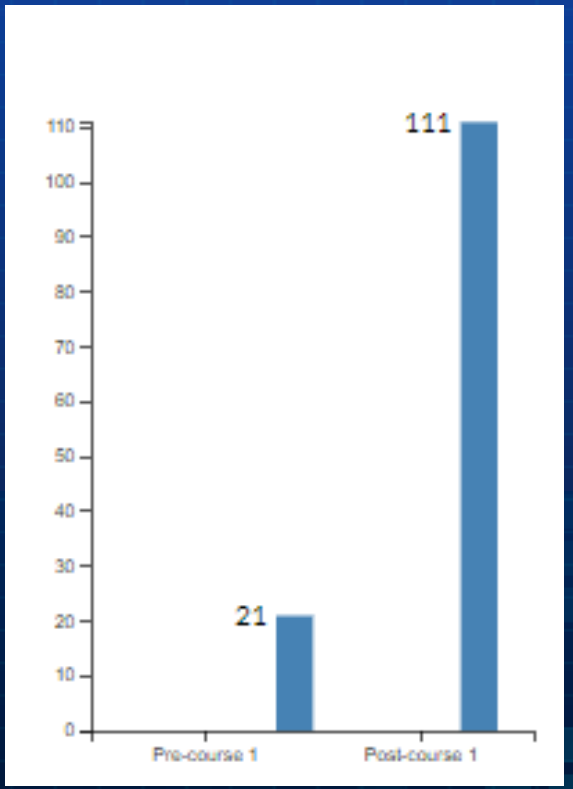
We can focus on the keyword category "Machine learning" under "AI Concepts". After the course, students wrote much more about "Machine learning" keywords (21 ➔ 111). This helps to show students have grasped the key ideas covered by the course.





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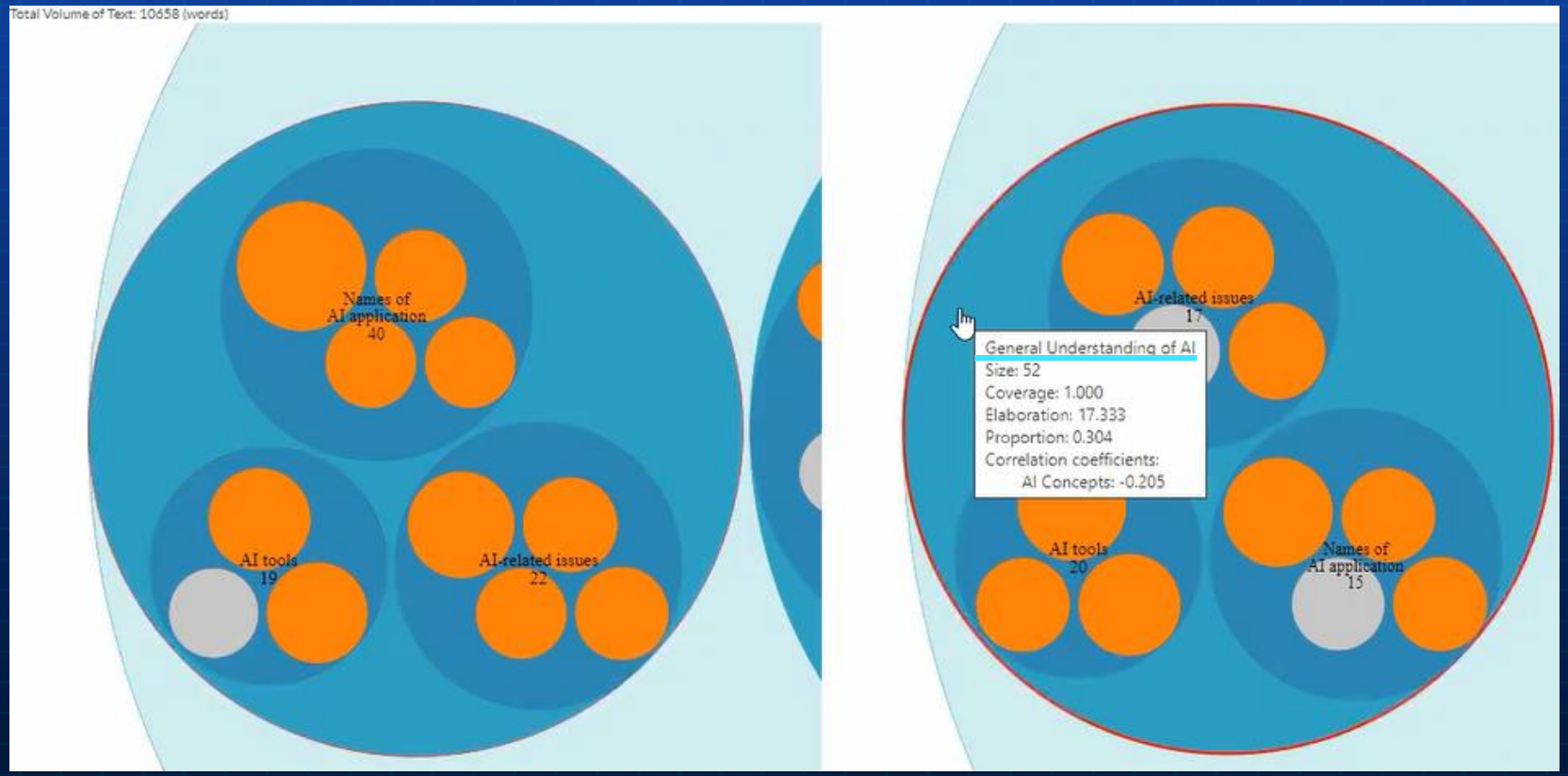
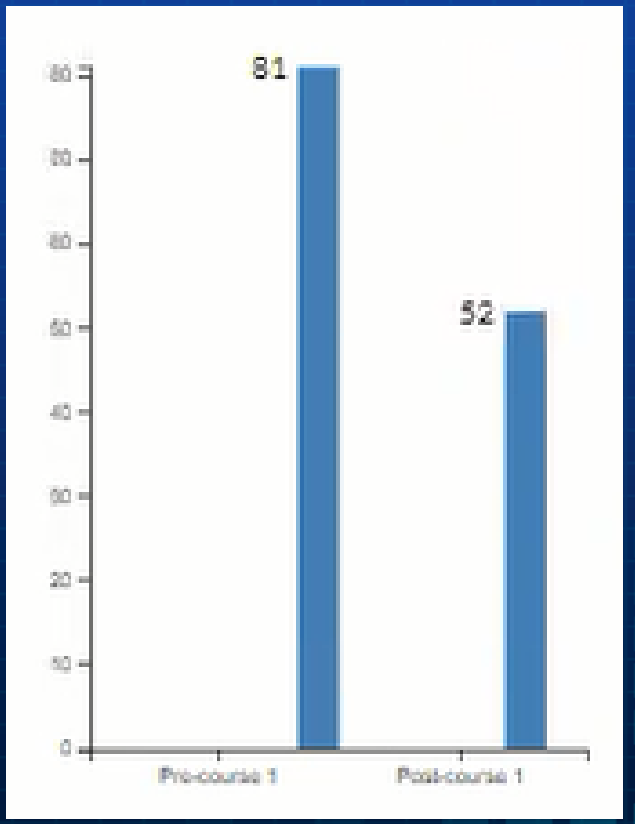
For the keyword category "General Understanding of AI", the number of keyword counts dropped after the course (81 ➔ 52). It is because students mostly talked about general ideas related to AI or merely mentioned names of AI application before the course. After the course, the students talked more about concrete concepts of machine learning, such as supervised learning.





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