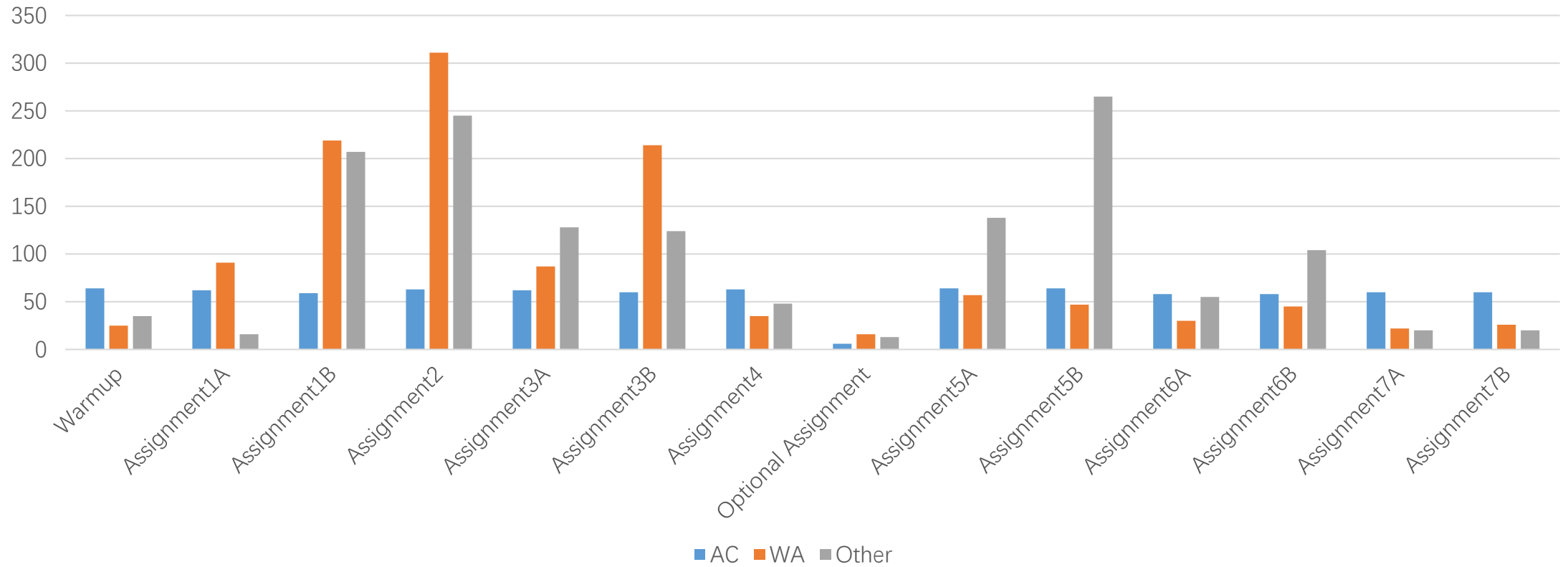


C Programming Review

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Some Statistics

Assignments



Some Statistics

- Average AC: 58.7
- AC/Submit: 0.214 (High AC rate)
Good job on Code Blocks
- Assignment 4-7: Fewer Submits

Some Problems

- I/O:
 - Scanf
 - gets/puts
- Pointer:
 - Runtime error
 - * &
- Programing habits
 - Debug
 - Readability

Some Suggestions

- I/O:
 - When inputs are all numbers: scanf
 - When all characters: gets/getchar
 - When mixed: getchar + ungetch + scanf
- Programing:
 - Applying functions but not mix all in main()
 - When debugging, run step by step if it works as expected

Some Suggestions

- Pointers:
 - pointer variable is used to store the address of the variable (&)
 - Better NOT assigning value to uninitialized pointer

```
(int * ptr , m = 100 ;  
*ptr = m ; )
```
 - Use malloc to allocate a pointer to struct
 - Check if the pointer is pointing to a valid address