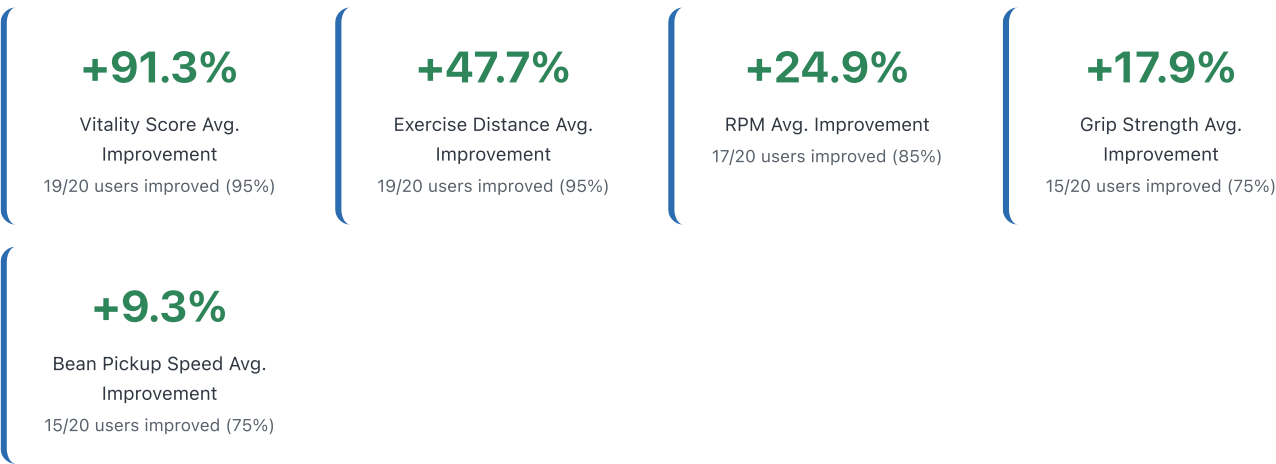


RunOrb Zhuhai User Training Effect Analysis Report

Based on Pre/Post Control Data of 20 Users · Apr - Jul 2026

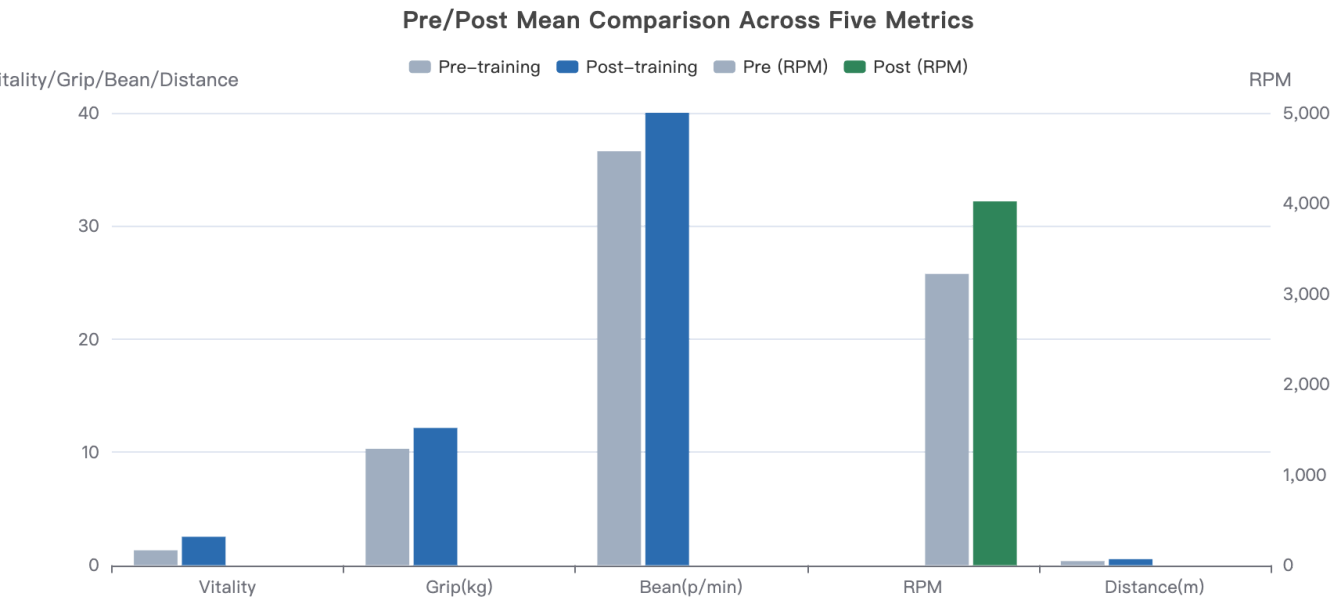
20	64-91	83.2	19.5
Sample Users	Age Range (yrs)	Mean Age (yrs)	Mean Sessions

1. Key Findings



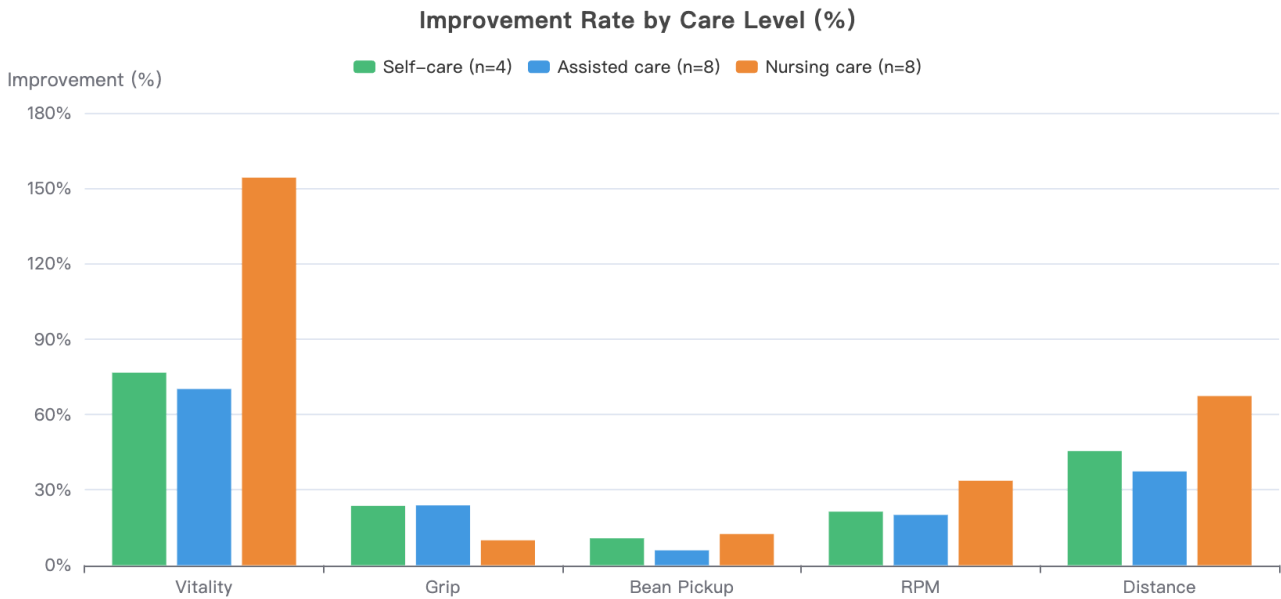
Critical Insight: Nursing care users showed the most dramatic vitality improvement at **+154.2%**, far exceeding the self-care group (+76.6%) and assisted care group (+70.1%). This indicates RunOrb's intervention is particularly effective for users with severe functional impairment.

2. Overall Pre/Post Comparison Across Five Metrics



Metric	Pre Mean	Post Mean	Absolute Change	Relative Change	Improved Users
Vitality Score	1.314	2.513	+1.200	+91.3%	19/20
Grip Strength (kg)	10.290	12.135	+1.845	+17.9%	15/20
Bean Pickup (pcs/min)	36.600	40.000	+3.400	+9.3%	15/20
RPM	3,219	4,021	+802	+24.9%	17/20
Distance (m)	0.360	0.532	+0.172	+47.7%	19/20

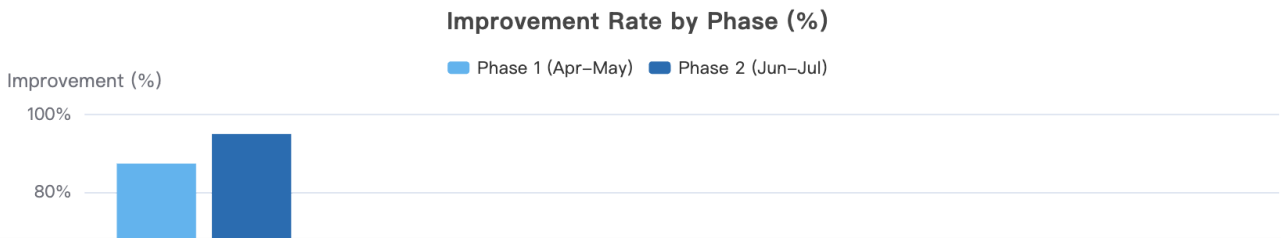
3. Effect Comparison by Care Level

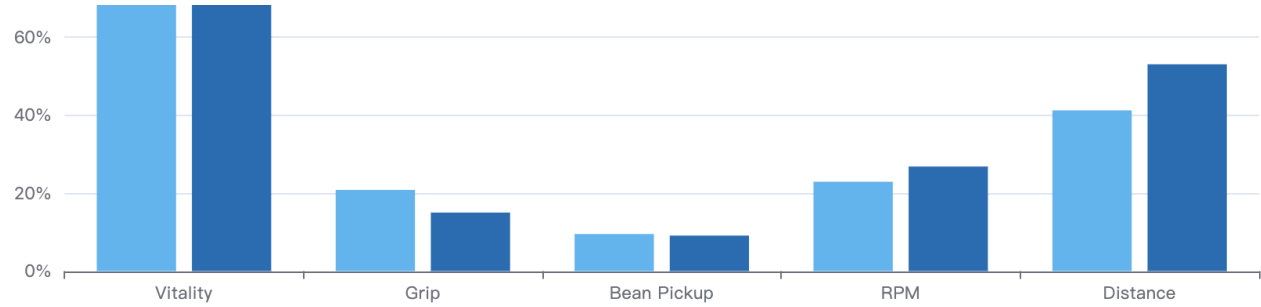


Care Level	N	Mean Age	Vitality	Grip Strength	RPM	Distance
Self-care	4	87.2	+76.6%	+23.6%	+21.3%	+45.4%
Assisted care	8	82.4	+70.1%	+23.8%	+20.0%	+37.3%
Nursing care	8	82.1	+154.2%	+9.9%	+33.6%	+67.3%

The nursing care group achieved the highest improvement across vitality (+154.2%), RPM (+33.6%), and distance (+67.3%), validating RunOrb's "exercise-free" design as highly adaptable for users with low physical baseline.

4. Two-Phase Effect Comparison





Phase 1 (Apr-May) n=10

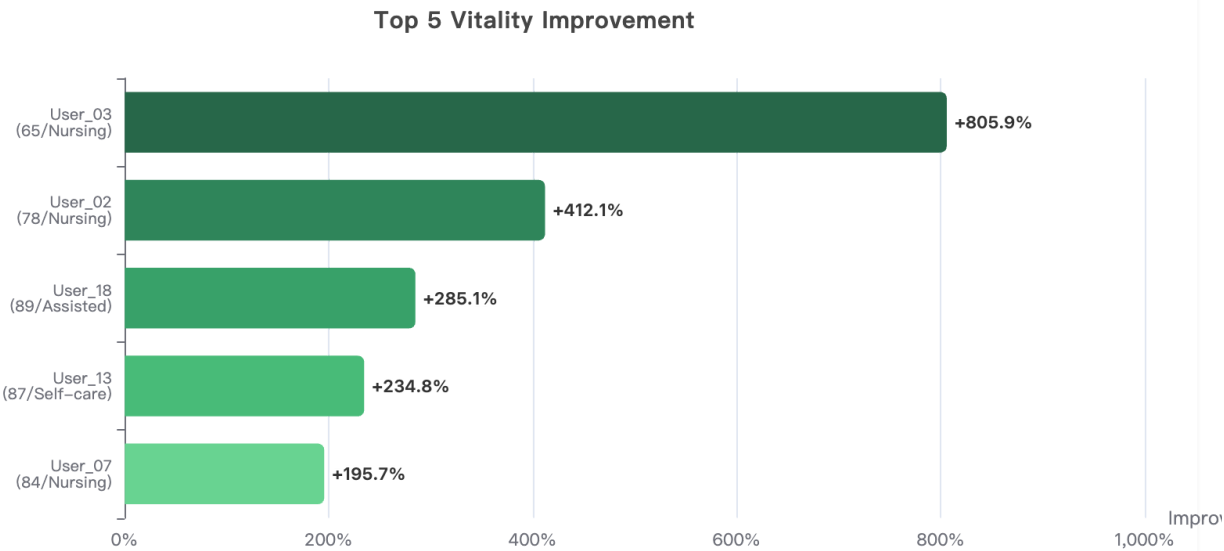
Vitality	+87.2%
Grip Strength	+20.8%
Bean Pickup	+9.5%
RPM	+22.9%
Distance	+41.2%

Phase 2 (Jun-Jul) n=10

Vitality	+94.8%
Grip Strength	+15.0%
Bean Pickup	+9.1%
RPM	+26.8%
Distance	+53.0%

Phase 2 showed slightly higher improvement in vitality, RPM, and distance. Effects are stable across both phases with no sign of decline.

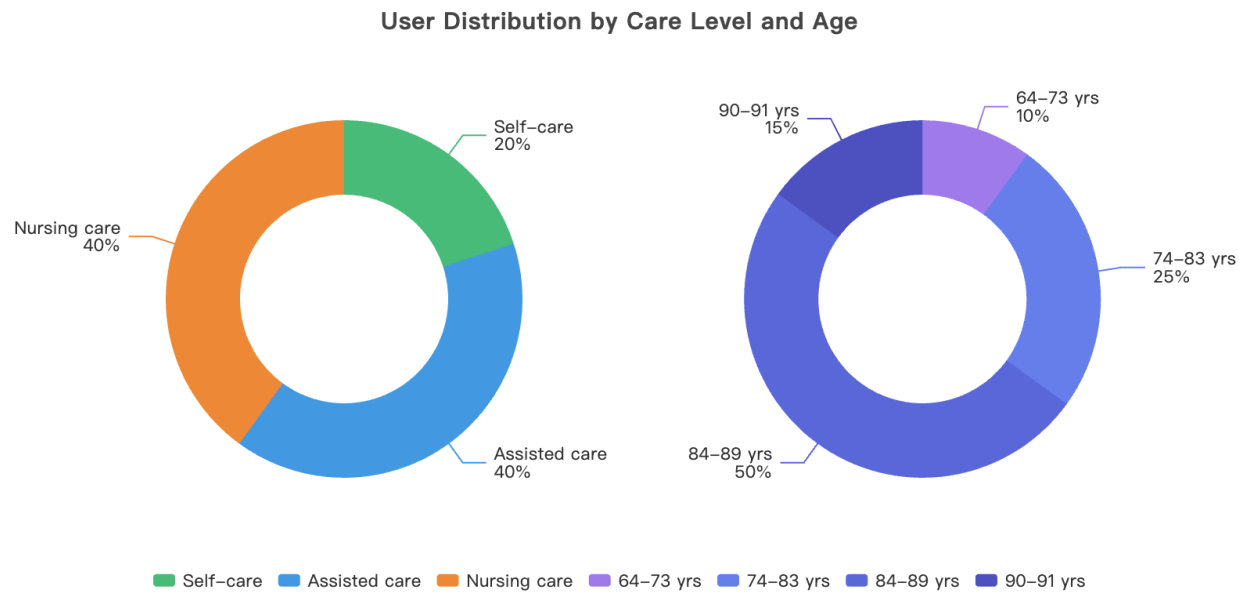
5. Top 5 Vitality Improvement by Individual



Rank	User	Age	Care Level	Pre	Post	Improvement
1	User_03	65	Nursing care	0.51	4.62	+805.9%
2	User_02	78	Nursing care	0.33	1.69	+412.1%
3	User_18	89	Assisted care	0.47	1.81	+285.1%
4	User_13	87	Self-care	0.92	3.08	+234.8%
5	User_07	84	Nursing care	0.23	0.68	+195.7%

Three of the Top 5 improvers are nursing care users, all with pre-training vitality baselines below 0.6. Users with lower baselines show the greatest improvement potential and most dramatic results.

6. User Demographic Distribution



Data Source: RunOrb_Zhuhai_All_Users.csv · Report Generated: 2026-09-03
This report is based on Pre/Post control data of 20 users. For internal reference only.