

Licytacja po otwarciu 1 NT

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Wprowadzenie

Dokument ten opisuje zestaw wszystkich możliwych sekwencji w dwóch pierwszych okrążeniach licytacji po otwarciu 1 NT w systemie A. Zawiera minimalną liczbę uściśleń w stosunku do skrótovej wersji.

Poza opisem każdej odzywki umieszone zostały także statystyki występowania oraz bilansu. Za każdą odzywką znajduje się liczba w procentach określająca częstotliwość występowania danej odzywki w konkretnej seksencji. Następnie liczba w ppm określa częstotliwość występowania danej odzywki ogólnie (przy założeniu otwarcia na 1-szej ręce!).

Następne znajdują się statystyki bilansu. Najpierw „suit” — w ilu procentach rozdań z daną licytacją bilans wychodzi równy określone mu poziomowi w kolorze obecnej odzywki, lub odzywki partnera w przypadku pasa. Poziom 0 oznacza mniej jak 7 lew. Druga linia „optimal” określa najwyższy bilans w optymalne miano kontraktu.

Przykład:

1 NT — NF, 15–17 PC, 2–4 ♠, 2–4 ♡, 2–6 ♢, 2–6 ♣, 4.3%, 43154ppm,
suit: 0: 7%, 1: 18%, 2: 29%, 3: 26%, 4: 15%, 5: 5%, 6: 1%, 7: 0%,
optimal: 0: 4%, 1: 10%, 2: 19%, 3: 26%, 4: 22%, 5: 13%, 6: 5%, 7: 1%,

Odzywka 1 NT występuje w 4.3% przypadków w danej sekwencji. Stanowi to 43154 ppm rozdań (43154 rozdań na milion rozdań). W przypadku 7% przypadków nie ma bilansu nawet na 1 NT, w 18% przypadków bilans jest tylko na 1 NT. W 26%+15%+5%+1% (47%) jest bilans na końcówkę 3 NT, oraz w 26%+22%+13%+5%+2% (67%) jest bilans na kontrakt 3 NT lub kontrakt na poziomie 4 i wyższym.

Dane statystyczne wyznaczane są za pomocą analizy co najmniej miliona rozdań i co najmniej 10000 wystąpień danej sekwencji początkowej.

1 Licytacja po otwarciu 1 NT

Otwarcie 1 NT:

- 15–17 PC, jak 15 PC to ładne, może być brzydkie 18 PC,
- brak renonsu lub singletona,
- brak starszej 5+ki,
- brak młodszej 7+ki, jak 6-ka to słaba,

Występowanie — 11.3% rozdań:

1 ręka — 4.3%,
2 ręka — 5.8% (3.2% rozdań),
3 ręka — 8.2% (2.8% rozdań),
4 ręka — 14.0% (1.4% rozdań),

W	N	E	S
1 NT	PASS	?	

PASS — 22.5%, 9835ppm,

♣: 0: 53%, 1: 17%, 2: 15%, 3: 11%, 4: 3%, 5: 0%,
◇: 0: 56%, 1: 16%, 2: 15%, 3: 11%, 4: 3%, 5: 0%, 6: 0%,
♥: 0: 73%, 1: 18%, 2: 7%, 3: 3%, 4: 0%,
♠: 0: 73%, 1: 19%, 2: 7%, 3: 2%, 4: 0%,
NT: 0: 21%, 1: 45%, 2: 30%, 3: 4%, 4: 0%,

2 ♣ — F1, Stayman — pytanie o starszą 4-kę, wieloznaczne:

- do 6 PC, skład 3451, 4351, 3361 lub 4460
- do 6 PC, 5 ♠, 4 ♥
- 7–9 PC, starsza 4-ka
- od 10 PC, przejęcie licytacji

, 27.8%, 12173ppm,

♣: 0: 17%, 1: 25%, 2: 21%, 3: 16%, 4: 12%, 5: 6%, 6: 2%, 7: 1%,
◇: 0: 15%, 1: 25%, 2: 22%, 3: 17%, 4: 12%, 5: 6%, 6: 2%, 7: 1%,
♥: 0: 15%, 1: 27%, 2: 26%, 3: 18%, 4: 10%, 5: 3%, 6: 1%, 7: 0%,
♠: 0: 15%, 1: 27%, 2: 26%, 3: 18%, 4: 10%, 5: 3%, 6: 1%, 7: 0%,
NT: 0: 1%, 1: 8%, 2: 31%, 3: 34%, 4: 18%, 5: 7%, 6: 1%, 7: 0%,

2 ◇ — F1, Texas, ≥ 0 PC, ≥ 5 ♥, ≤ 4 ♠, 14.6%, 6401ppm,

♣: 0: 34%, 1: 24%, 2: 17%, 3: 12%, 4: 7%, 5: 3%, 6: 1%, 7: 0%,
◇: 0: 33%, 1: 25%, 2: 18%, 3: 12%, 4: 8%, 5: 3%, 6: 1%, 7: 0%,
♥: 0: 6%, 1: 11%, 2: 20%, 3: 26%, 4: 20%, 5: 10%, 6: 5%, 7: 2%,
♠: 0: 40%, 1: 26%, 2: 18%, 3: 10%, 4: 4%, 5: 1%, 6: 0%, 7: 0%,
NT: 0: 6%, 1: 17%, 2: 32%, 3: 25%, 4: 13%, 5: 7%, 6: 1%, 7: 0%,

2 ♥ — F1, Texas, ≥ 0 PC, ≥ 5 ♠, 14.9%, 6515ppm,

♣: 0: 31%, 1: 25%, 2: 19%, 3: 13%, 4: 7%, 5: 3%, 6: 1%, 7: 1%,
◇: 0: 32%, 1: 24%, 2: 18%, 3: 12%, 4: 8%, 5: 3%, 6: 1%, 7: 0%,
♥: 0: 38%, 1: 24%, 2: 19%, 3: 11%, 4: 5%, 5: 2%, 6: 1%, 7: 0%,
♠: 0: 6%, 1: 10%, 2: 19%, 3: 26%, 4: 21%, 5: 11%, 6: 5%, 7: 2%,
NT: 0: 4%, 1: 15%, 2: 31%, 3: 27%, 4: 15%, 5: 6%, 6: 2%, 7: 0%,

2 ♠ — F1, Texas, ≤ 3 ♠, ≤ 3 ♥, 6+ ♣ lub inwit 8–9 PC, =, 6.8%, 2989ppm,

♣: 0: 6%, 1: 20%, 2: 13%, 3: 21%, 4: 21%, 5: 13%, 6: 4%, 7: 1%,
◇: 0: 15%, 1: 31%, 2: 18%, 3: 19%, 4: 12%, 5: 3%, 6: 1%, 7: 0%,
♥: 0: 27%, 1: 44%, 2: 21%, 3: 5%, 4: 2%, 5: 0%, 6: 0%,
♠: 0: 27%, 1: 44%, 2: 21%, 3: 6%, 4: 2%, 5: 0%,
NT: 0: 1%, 1: 9%, 2: 42%, 3: 34%, 4: 10%, 5: 3%, 6: 1%, 7: 0%,

2 NT — F1, Texas, ≥ 0 PC, ≤ 3 ♠, ≤ 3 ♥, ≥ 6 ◇, 3.0%, 1296ppm,

♣: 0: 25%, 1: 23%, 2: 21%, 3: 14%, 4: 10%, 5: 4%, 6: 2%, 7: 1%,
◇: 1: 2%, 2: 10%, 3: 23%, 4: 28%, 5: 22%, 6: 11%, 7: 4%,
♥: 0: 32%, 1: 28%, 2: 23%, 3: 12%, 4: 4%, 5: 1%, 6: 0%,
♠: 0: 32%, 1: 27%, 2: 24%, 3: 11%, 4: 4%, 5: 1%,
NT: 0: 2%, 1: 13%, 2: 25%, 3: 30%, 4: 20%, 5: 8%, 6: 2%, 7: 0%,

3 NT — NF, ≤ 3 ♠, ≤ 3 ♥, 10–14 PC, wybór gry, 6.1%, 2670ppm,

♣: 0: 1%, 1: 12%, 2: 30%, 3: 19%, 4: 19%, 5: 16%, 6: 4%, 7: 0%,
◇: 0: 1%, 1: 11%, 2: 29%, 3: 18%, 4: 21%, 5: 16%, 6: 4%, 7: 0%,
♥: 0: 2%, 1: 29%, 2: 47%, 3: 20%, 4: 2%,
♠: 0: 2%, 1: 27%, 2: 48%, 3: 21%, 4: 2%, 5: 0%,
NT: 2: 10%, 3: 49%, 4: 36%, 5: 5%,

4 ◇ — F1, 8–12 PC, ≥ 6 ♥, ≤ 4 ♠, 2.1%, 915ppm,

♣: 0: 5%, 1: 27%, 2: 36%, 3: 18%, 4: 5%, 5: 6%, 6: 3%, 7: 0%,
◇: 0: 7%, 1: 26%, 2: 36%, 3: 18%, 4: 5%, 5: 5%, 6: 1%, 7: 0%,
♥: 3: 5%, 4: 39%, 5: 42%, 6: 12%, 7: 1%,
♠: 0: 9%, 1: 31%, 2: 40%, 3: 15%, 4: 3%, 5: 2%, 6: 0%,
NT: 2: 6%, 3: 48%, 4: 41%, 5: 5%,

4 ♥ — F1, 8–12 PC, ≥ 6 ♠, 2.1%, 917ppm,

♣: 0: 6%, 1: 26%, 2: 35%, 3: 19%, 4: 5%, 5: 5%, 6: 3%,
◇: 0: 6%, 1: 28%, 2: 39%, 3: 16%, 4: 4%, 5: 4%, 6: 2%, 7: 0%,

♥: 0: 8%, 1: 32%, 2: 38%, 3: 17%, 4: 3%, 5: 3%, 6: 1%,
 ♠: 3: 3%, 4: 40%, 5: 42%, 6: 14%, 7: 1%,
 NT: 2: 4%, 3: 50%, 4: 39%, 5: 7%, 6: 0%,

1.1 Licytacja po odpowiedzi 2 ♣

W	N	E	S
1 NT	PASS	2 ♣	PASS
		?	

- 2 ♢** — NF, $\leq 3 \heartsuit$, $\leq 3 \spadesuit$, 45.4%, 5487ppm,
 ♣: 0: 15%, 1: 23%, 2: 18%, 3: 17%, 4: 14%, 5: 8%, 6: 3%, 7: 1%,
 ♢: 0: 13%, 1: 22%, 2: 21%, 3: 17%, 4: 15%, 5: 8%, 6: 3%, 7: 1%,
 ♥: 0: 20%, 1: 31%, 2: 27%, 3: 15%, 4: 5%, 5: 1%, 6: 0%,
 ♠: 0: 20%, 1: 30%, 2: 29%, 3: 15%, 4: 5%, 5: 1%, 6: 0%,
 NT: 0: 2%, 1: 10%, 2: 30%, 3: 33%, 4: 17%, 5: 6%, 6: 1%, 7: 0%,
- 2 ♥** — NF, $\geq 4 \heartsuit$, 30.6%, 3697ppm,
 ♣: 0: 19%, 1: 28%, 2: 22%, 3: 14%, 4: 10%, 5: 5%, 6: 2%, 7: 1%,
 ♢: 0: 17%, 1: 28%, 2: 24%, 3: 16%, 4: 9%, 5: 5%, 6: 2%, 7: 0%,
 ♥: 0: 7%, 1: 16%, 2: 18%, 3: 25%, 4: 20%, 5: 9%, 6: 3%, 7: 0%,
 ♠: 0: 13%, 1: 27%, 2: 27%, 3: 19%, 4: 10%, 5: 4%, 6: 1%, 7: 0%,
 NT: 0: 1%, 1: 6%, 2: 31%, 3: 34%, 4: 20%, 5: 8%, 6: 1%, 7: 0%,
- 2 ♠** — NF, $\leq 3 \heartsuit$, $\geq 4 \spadesuit$, 24.0%, 2899ppm,
 ♣: 0: 18%, 1: 26%, 2: 22%, 3: 14%, 4: 10%, 5: 6%, 6: 2%, 7: 1%,
 ♢: 0: 16%, 1: 28%, 2: 22%, 3: 16%, 4: 10%, 5: 5%, 6: 2%, 7: 0%,
 ♥: 0: 16%, 1: 34%, 2: 30%, 3: 16%, 4: 4%, 5: 1%, 6: 0%,
 ♠: 0: 9%, 1: 19%, 2: 16%, 3: 24%, 4: 19%, 5: 10%, 6: 3%, 7: 0%,
 NT: 0: 1%, 1: 8%, 2: 31%, 3: 34%, 4: 19%, 5: 7%, 6: 1%, 7: 0%,

W	N	E	S
1 NT	PASS	2 ♣	PASS
2 ♢	PASS	?	

- PASS** — $\leq 6 \text{ PC}$, $\geq 5 \spadesuit$, 3.3%, 182ppm,
 ♣: 0: 86%, 1: 10%, 2: 1%, 3: 2%, 4: 1%,
 ♢: 0: 18%, 1: 17%, 2: 36%, 3: 24%, 4: 4%, 5: 0%,
 ♥: 0: 78%, 1: 20%, 2: 1%, 3: 1%,
 ♠: 0: 76%, 1: 21%, 2: 2%, 3: 1%,
 NT: 0: 19%, 1: 44%, 2: 35%, 3: 2%,
- 2 ♥** — F1, 8.4%, 462ppm,
 ♣: 2: 4%, 3: 26%, 4: 23%, 5: 16%, 6: 22%, 7: 9%,
 ♢: 2: 5%, 3: 27%, 4: 24%, 5: 14%, 6: 19%, 7: 10%,
 ♥: 1: 0%, 2: 11%, 3: 39%, 4: 38%, 5: 10%, 6: 1%,
 ♠: 1: 0%, 2: 12%, 3: 41%, 4: 35%, 5: 10%, 6: 1%,
 NT: 4: 31%, 5: 52%, 6: 15%, 7: 1%,
- 2 ♠** — NF, $\leq 6 \text{ PC}$, 5 ♠, 4 ♥, 3.7%, 203ppm,
 ♣: 0: 80%, 1: 9%, 2: 5%, 3: 4%, 4: 1%,
 ♢: 0: 81%, 1: 11%, 2: 4%, 3: 4%, 4: 1%,
 ♥: 0: 69%, 1: 28%, 2: 3%,
 ♠: 0: 31%, 1: 23%, 2: 34%, 3: 11%, 4: 1%,
 NT: 0: 25%, 1: 49%, 2: 26%, 3: 1%,
- 2 NT** — NF, 7–9 PC, 42.9%, 2355ppm,
 ♣: 0: 20%, 1: 36%, 2: 10%, 3: 19%, 4: 12%, 5: 2%, 6: 0%,
 ♢: 0: 20%, 1: 36%, 2: 11%, 3: 19%, 4: 12%, 5: 2%, 6: 0%,
 ♥: 0: 31%, 1: 46%, 2: 21%, 3: 2%, 4: 0%,
 ♠: 0: 32%, 1: 44%, 2: 21%, 3: 2%, 4: 0%,
 NT: 1: 14%, 2: 56%, 3: 29%, 4: 1%,

3 NT — NF, 9–14 PC, 41.7%, 2292ppm,

♣: 0: 1%, 1: 18%, 2: 32%, 3: 17%, 4: 16%, 5: 13%, 6: 3%, 7: 0%,
◇: 0: 1%, 1: 16%, 2: 31%, 3: 17%, 4: 17%, 5: 14%, 6: 4%, 7: 0%,
♥: 0: 3%, 1: 25%, 2: 41%, 3: 25%, 4: 5%, 5: 0%,
♠: 0: 3%, 1: 24%, 2: 43%, 3: 26%, 4: 5%, 5: 0%,
NT: 2: 11%, 3: 49%, 4: 35%, 5: 5%, 6: 0%,

W	N	E	S
1 NT	PASS	2 ♣	PASS
2 ♥	PASS	?	

PASS — ≤ 6 PC, ≥ 3 ♥, 5.1%, 195ppm,

♣: 0: 96%, 1: 3%, 2: 1%,
◇: 0: 53%, 1: 14%, 2: 19%, 3: 13%, 4: 1%,
♥: 0: 32%, 1: 31%, 2: 25%, 3: 12%, 4: 1%,
♠: 0: 60%, 1: 15%, 2: 13%, 3: 11%, 4: 2%,
NT: 0: 20%, 1: 48%, 2: 30%, 3: 2%,

2 ♠ — F1, 10.1%, 384ppm,

♣: 2: 9%, 3: 36%, 4: 27%, 5: 12%, 6: 12%, 7: 4%,
◇: 2: 10%, 3: 34%, 4: 30%, 5: 11%, 6: 10%, 7: 4%,
♥: 2: 3%, 3: 30%, 4: 30%, 5: 16%, 6: 17%, 7: 4%,
♠: 2: 10%, 3: 39%, 4: 33%, 5: 10%, 6: 6%, 7: 1%,
NT: 4: 35%, 5: 50%, 6: 13%, 7: 1%,

2 NT — NF, 4 ♠, 7–9 PC, 20.4%, 779ppm,

♣: 0: 37%, 1: 38%, 2: 10%, 3: 11%, 4: 4%, 5: 1%, 6: 0%,
◇: 0: 36%, 1: 37%, 2: 8%, 3: 12%, 4: 6%, 5: 1%, 6: 0%,
♥: 0: 29%, 1: 54%, 2: 16%, 3: 1%,
♠: 0: 16%, 1: 45%, 2: 17%, 3: 17%, 4: 5%, 5: 0%,
NT: 1: 17%, 2: 62%, 3: 19%, 4: 1%,

3 ♥ — INWIT, 4 ♥, 6–7 PC, 8.7%, 331ppm,

♣: 0: 40%, 1: 36%, 2: 11%, 3: 5%, 4: 8%, 5: 1%,
◇: 0: 38%, 1: 37%, 2: 9%, 3: 8%, 4: 7%, 5: 1%,
♥: 2: 26%, 3: 56%, 4: 18%, 5: 0%,
♠: 0: 39%, 1: 39%, 2: 11%, 3: 6%, 4: 4%,
NT: 1: 2%, 2: 73%, 3: 25%, 4: 0%,

3 NT — NF, 4 ♠, 9–14 PC, 20.0%, 762ppm,

♣: 0: 3%, 1: 27%, 2: 36%, 3: 15%, 4: 10%, 5: 7%, 6: 1%, 7: 0%,
◇: 0: 3%, 1: 27%, 2: 38%, 3: 14%, 4: 10%, 5: 7%, 6: 2%, 7: 0%,
♥: 0: 2%, 1: 22%, 2: 47%, 3: 25%, 4: 3%, 5: 0%,
♠: 1: 12%, 2: 39%, 3: 25%, 4: 15%, 5: 8%, 6: 1%,
NT: 2: 15%, 3: 53%, 4: 29%, 5: 3%,

4 ♥ — INWIT, 4 ♥, 8–14 PC, 35.8%, 1368ppm,

♣: 0: 9%, 1: 28%, 2: 33%, 3: 16%, 4: 7%, 5: 6%, 6: 2%, 7: 0%,
◇: 0: 7%, 1: 28%, 2: 33%, 3: 16%, 4: 8%, 5: 6%, 6: 2%, 7: 0%,
♥: 3: 30%, 4: 45%, 5: 22%, 6: 3%, 7: 0%,
♠: 0: 10%, 1: 33%, 2: 35%, 3: 16%, 4: 5%, 5: 2%, 6: 0%,
NT: 2: 17%, 3: 48%, 4: 30%, 5: 5%, 6: 0%,

W	N	E	S
1 NT	PASS	2 ♣	PASS
2 ♠	PASS	?	

PASS — ≤ 6 PC, ≥ 3 ♠, 5.5%, 152ppm,

♣: 0: 92%, 1: 7%, 2: 1%, 3: 1%, 4: 0%,
◇: 0: 49%, 1: 18%, 2: 19%, 3: 12%, 4: 1%,
♥: 0: 68%, 1: 28%, 2: 4%,
♠: 0: 27%, 1: 24%, 2: 23%, 3: 24%, 4: 2%,
NT: 0: 16%, 1: 45%, 2: 38%, 3: 1%,

2 NT — NF, 4 ♡, 7–9 PC, 21.4%, 592ppm,

♣: 0: 36%, 1: 37%, 2: 7%, 3: 14%, 4: 6%, 5: 1%,
◇: 0: 37%, 1: 37%, 2: 6%, 3: 14%, 4: 6%, 5: 0%,
♡: 0: 20%, 1: 57%, 2: 22%, 3: 1%,
♠: 0: 33%, 1: 53%, 2: 13%, 3: 1%,
NT: 1: 22%, 2: 61%, 3: 17%, 4: 0%,

3 ♣ — F1, 9.2%, 256ppm,

♣: 2: 7%, 3: 33%, 4: 31%, 5: 13%, 6: 12%, 7: 5%,
◇: 2: 8%, 3: 32%, 4: 28%, 5: 14%, 6: 13%, 7: 5%,
♡: 2: 14%, 3: 44%, 4: 33%, 5: 8%, 6: 0%,
♠: 2: 5%, 3: 27%, 4: 30%, 5: 19%, 6: 15%, 7: 5%,
NT: 4: 34%, 5: 52%, 6: 13%, 7: 1%,

3 ♠ — INWIT, 4 ♠, 6–7 PC, 7.9%, 219ppm,

♣: 0: 36%, 1: 38%, 2: 10%, 3: 7%, 4: 7%, 5: 2%,
◇: 0: 32%, 1: 38%, 2: 12%, 3: 9%, 4: 8%, 5: 1%,
♡: 0: 47%, 1: 43%, 2: 10%, 3: 0%,
♠: 2: 26%, 3: 58%, 4: 16%, 5: 0%,
NT: 1: 0%, 2: 77%, 3: 23%, 4: 0%,

3 NT — NF, 4 ♡, 9–14 PC, 20.4%, 565ppm,

♣: 0: 3%, 1: 26%, 2: 36%, 3: 14%, 4: 12%, 5: 8%, 6: 1%, 7: 0%,
◇: 0: 4%, 1: 28%, 2: 36%, 3: 12%, 4: 12%, 5: 7%, 6: 1%, 7: 0%,
♡: 1: 16%, 2: 50%, 3: 29%, 4: 4%, 5: 0%,
♠: 0: 1%, 1: 27%, 2: 50%, 3: 20%, 4: 2%, 5: 0%,
NT: 2: 20%, 3: 54%, 4: 24%, 5: 2%,

4 ♠ — INWIT, 4 ♠, 8–14 PC, 35.7%, 990ppm,

♣: 0: 6%, 1: 27%, 2: 32%, 3: 16%, 4: 9%, 5: 7%, 6: 2%, 7: 0%,
◇: 0: 7%, 1: 25%, 2: 34%, 3: 16%, 4: 9%, 5: 7%, 6: 2%, 7: 0%,
♡: 0: 11%, 1: 35%, 2: 36%, 3: 15%, 4: 2%, 5: 0%,
♠: 3: 29%, 4: 46%, 5: 22%, 6: 3%, 7: 0%,
NT: 2: 17%, 3: 47%, 4: 30%, 5: 6%, 6: 0%,

1.2 Licytacja po odpowiedzi 2 ♠

W	N	E	S
1 NT	PASS	2 ♠	PASS
?			

2 ♡ — NF, 100.0%, 6422ppm,

♣: 0: 34%, 1: 24%, 2: 18%, 3: 12%, 4: 7%, 5: 3%, 6: 1%, 7: 1%,
◇: 0: 34%, 1: 24%, 2: 18%, 3: 13%, 4: 7%, 5: 3%, 6: 1%, 7: 0%,
♡: 0: 6%, 1: 10%, 2: 19%, 3: 26%, 4: 21%, 5: 10%, 6: 5%, 7: 2%,
♠: 0: 40%, 1: 26%, 2: 18%, 3: 10%, 4: 5%, 5: 1%, 6: 0%, 7: 0%,
NT: 0: 5%, 1: 18%, 2: 30%, 3: 26%, 4: 14%, 5: 6%, 6: 1%, 7: 0%,

W	N	E	S
1 NT	PASS	2 ♠	PASS
2 ♡	PASS	?	

PASS — ≤ 6 PC, 30.7%, 1946ppm,

♣: 0: 71%, 1: 15%, 2: 6%, 3: 6%, 4: 1%, 5: 0%,
◇: 0: 70%, 1: 15%, 2: 7%, 3: 6%, 4: 2%, 5: 0%, 6: 0%,
♡: 0: 18%, 1: 16%, 2: 34%, 3: 26%, 4: 6%, 5: 1%,
♠: 0: 82%, 1: 14%, 2: 3%, 3: 1%, 4: 0%,
NT: 0: 18%, 1: 47%, 2: 32%, 3: 3%,

2 ♠ — F1, ≥ 6 PC, 4 ♠, 12.3%, 783ppm,

♣: 0: 27%, 1: 31%, 2: 22%, 3: 12%, 4: 5%, 5: 2%, 6: 1%, 7: 0%,
◇: 0: 28%, 1: 31%, 2: 23%, 3: 11%, 4: 5%, 5: 1%, 6: 0%, 7: 0%,

♥: 0: 2%, 1: 10%, 2: 15%, 3: 28%, 4: 25%, 5: 13%, 6: 5%, 7: 2%,
 ♠: 0: 5%, 1: 22%, 2: 28%, 3: 20%, 4: 16%, 5: 7%, 6: 2%, 7: 1%,
 NT: 1: 6%, 2: 31%, 3: 35%, 4: 19%, 5: 7%, 6: 2%,

2 NT — INWIT, 7–8 PC, 5 ♥, 10.2%, 648ppm,

♣: 0: 26%, 1: 39%, 2: 16%, 3: 10%, 4: 8%, 5: 2%, 6: 0%,
 ◇: 0: 36%, 1: 43%, 2: 14%, 3: 4%, 4: 4%, 5: 0%,
 ♥: 0: 4%, 1: 17%, 2: 14%, 3: 42%, 4: 20%, 5: 2%,
 ♠: 0: 45%, 1: 43%, 2: 12%, 3: 1%,
 NT: 1: 11%, 2: 58%, 3: 30%, 4: 1%,

3 ♣ — F1, ≥ 6 PC, ≥ 4 ♣, może być przejęcie licytacji, 5.9%, 375ppm,

♣: 0: 8%, 1: 13%, 2: 12%, 3: 28%, 4: 23%, 5: 6%, 6: 6%, 7: 3%,
 ◇: 0: 25%, 1: 14%, 2: 8%, 3: 24%, 4: 22%, 5: 5%, 6: 2%, 7: 2%,
 ♥: 0: 2%, 1: 6%, 2: 7%, 3: 16%, 4: 17%, 5: 13%, 6: 25%, 7: 13%,
 ♠: 0: 29%, 1: 10%, 2: 9%, 3: 27%, 4: 19%, 5: 5%, 6: 1%,
 NT: 1: 8%, 2: 23%, 3: 13%, 4: 10%, 5: 34%, 6: 12%, 7: 1%,

3 ◇ — F1, ≥ 6 PC, ≥ 4 ◇, 15.1%, 956ppm,

♣: 0: 21%, 1: 31%, 2: 26%, 3: 12%, 4: 7%, 5: 3%, 6: 0%, 7: 0%,
 ◇: 0: 2%, 1: 15%, 2: 23%, 3: 20%, 4: 21%, 5: 12%, 6: 6%, 7: 1%,
 ♥: 0: 1%, 1: 8%, 2: 14%, 3: 26%, 4: 27%, 5: 15%, 6: 8%, 7: 2%,
 ♠: 0: 32%, 1: 30%, 2: 23%, 3: 11%, 4: 3%, 5: 1%, 6: 0%,
 NT: 1: 5%, 2: 26%, 3: 36%, 4: 21%, 5: 9%, 6: 2%, 7: 0%,

3 ♥ — INWIT, 6–7 PC, 6 ♥, 5.4%, 343ppm,

♣: 0: 33%, 1: 40%, 2: 16%, 3: 2%, 4: 7%, 5: 2%,
 ◇: 0: 33%, 1: 39%, 2: 15%, 3: 4%, 4: 9%, 5: 1%,
 ♥: 3: 51%, 4: 43%, 5: 5%,
 ♠: 0: 38%, 1: 43%, 2: 15%, 3: 1%, 4: 2%, 5: 0%,
 NT: 2: 59%, 3: 40%, 4: 1%,

3 NT — NF, 9–14 PC, 5 ♥, 19.1%, 1212ppm,

♣: 0: 3%, 1: 19%, 2: 34%, 3: 18%, 4: 11%, 5: 11%, 6: 3%, 7: 0%,
 ◇: 0: 5%, 1: 30%, 2: 39%, 3: 17%, 4: 5%, 5: 3%, 6: 1%, 7: 0%,
 ♥: 1: 5%, 2: 15%, 3: 19%, 4: 35%, 5: 22%, 6: 5%, 7: 0%,
 ♠: 0: 7%, 1: 36%, 2: 40%, 3: 15%, 4: 2%, 5: 0%,
 NT: 2: 12%, 3: 49%, 4: 33%, 5: 6%, 6: 0%,

4 ♥ — INWIT, 11–13 PC, ≥ 6 ♥, 1.3%, 85ppm,

♣: 1: 4%, 2: 28%, 3: 46%, 4: 18%, 5: 1%, 6: 2%, 7: 1%,
 ◇: 1: 1%, 2: 22%, 3: 48%, 4: 15%, 5: 4%, 6: 6%, 7: 4%,
 ♥: 5: 44%, 6: 49%, 7: 7%,
 ♠: 1: 4%, 2: 31%, 3: 56%, 4: 6%, 5: 2%, 6: 1%,
 NT: 4: 57%, 5: 40%, 6: 3%,

1.3 Licytacja po odpowiedzi 2 ♥

W	N	E	S
1 NT	PASS	2 ♥	PASS
		?	

2 ♠ — NF, 100.0%, 6401ppm,

♣: 0: 31%, 1: 25%, 2: 19%, 3: 12%, 4: 8%, 5: 3%, 6: 1%, 7: 0%,
 ◇: 0: 33%, 1: 24%, 2: 18%, 3: 13%, 4: 7%, 5: 3%, 6: 1%, 7: 0%,
 ♥: 0: 38%, 1: 25%, 2: 18%, 3: 11%, 4: 6%, 5: 2%, 6: 1%, 7: 0%,
 ♠: 0: 5%, 1: 10%, 2: 18%, 3: 27%, 4: 22%, 5: 11%, 6: 5%, 7: 2%,
 NT: 0: 4%, 1: 16%, 2: 30%, 3: 27%, 4: 14%, 5: 7%, 6: 1%, 7: 0%,

W	N	E	S
1 NT	PASS	2 ♥	PASS
2 ♠	PASS	?	

PASS — ≤ 6 PC, 28.2%, 1810ppm,

♣: 0: 69%, 1: 16%, 2: 7%, 3: 6%, 4: 2%, 5: 0%,
◇: 0: 69%, 1: 15%, 2: 7%, 3: 7%, 4: 2%, 5: 0%, 6: 0%,
♥: 0: 82%, 1: 13%, 2: 3%, 3: 2%, 4: 0%, 5: 0%,
♠: 0: 17%, 1: 16%, 2: 33%, 3: 28%, 4: 5%, 5: 1%, 7: 0%,
NT: 0: 16%, 1: 46%, 2: 35%, 3: 3%, 4: 0%,

2 NT — INWIT, 7–8 PC, 5 ♠, 9.7%, 624ppm,

♣: 0: 23%, 1: 40%, 2: 15%, 3: 11%, 4: 10%, 5: 2%, 6: 0%,
◇: 0: 39%, 1: 43%, 2: 12%, 3: 4%, 4: 2%, 5: 0%,
♥: 0: 46%, 1: 43%, 2: 11%, 3: 0%,
♠: 0: 4%, 1: 17%, 2: 15%, 3: 44%, 4: 19%, 5: 2%,
NT: 1: 9%, 2: 62%, 3: 28%, 4: 1%,

3 ♣ — F1, ≥ 6 PC, ≥ 4 ♣, może być przejęcie licytacji, 6.0%, 385ppm,

♣: 0: 8%, 1: 14%, 2: 11%, 3: 24%, 4: 25%, 5: 9%, 6: 5%, 7: 4%,
◇: 0: 26%, 1: 12%, 2: 9%, 3: 23%, 4: 22%, 5: 5%, 6: 2%, 7: 1%,
♥: 0: 28%, 1: 12%, 2: 14%, 3: 25%, 4: 16%, 5: 4%, 6: 0%,
♠: 0: 2%, 1: 5%, 2: 7%, 3: 17%, 4: 18%, 5: 12%, 6: 27%, 7: 12%,
NT: 1: 8%, 2: 24%, 3: 11%, 4: 12%, 5: 35%, 6: 9%, 7: 1%,

3 ◇ — F1, ≥ 6 PC, ≥ 4 ◇, 14.6%, 938ppm,

♣: 0: 22%, 1: 31%, 2: 25%, 3: 12%, 4: 7%, 5: 2%, 6: 1%, 7: 0%,
◇: 0: 3%, 1: 17%, 2: 21%, 3: 20%, 4: 21%, 5: 12%, 6: 5%, 7: 1%,
♥: 0: 34%, 1: 30%, 2: 23%, 3: 9%, 4: 3%, 5: 0%,
♠: 0: 1%, 1: 9%, 2: 15%, 3: 25%, 4: 27%, 5: 15%, 6: 6%, 7: 2%,
NT: 1: 5%, 2: 28%, 3: 35%, 4: 22%, 5: 9%, 6: 1%, 7: 0%,

3 ♥ — F1, ≥ 6 PC, ≥ 4 ♥, 15.2%, 971ppm,

♣: 0: 24%, 1: 30%, 2: 26%, 3: 11%, 4: 5%, 5: 2%, 6: 1%, 7: 0%,
◇: 0: 23%, 1: 31%, 2: 24%, 3: 12%, 4: 5%, 5: 2%, 6: 1%, 7: 0%,
♥: 0: 2%, 1: 16%, 2: 25%, 3: 21%, 4: 20%, 5: 11%, 6: 5%, 7: 1%,
♠: 0: 1%, 1: 8%, 2: 15%, 3: 24%, 4: 28%, 5: 16%, 6: 6%, 7: 2%,
NT: 1: 2%, 2: 25%, 3: 38%, 4: 23%, 5: 8%, 6: 2%, 7: 1%,

3 ♠ — INWIT, 6–7 PC, 6 ♠, 6.0%, 386ppm,

♣: 0: 35%, 1: 41%, 2: 14%, 3: 2%, 4: 5%, 5: 2%, 6: 0%,
◇: 0: 33%, 1: 40%, 2: 14%, 3: 3%, 4: 7%, 5: 2%,
♥: 0: 39%, 1: 42%, 2: 13%, 3: 2%, 4: 3%, 5: 0%,
♠: 3: 54%, 4: 39%, 5: 7%,
NT: 2: 62%, 3: 35%, 4: 2%,

3 NT — NF, 9–14 PC, 5 ♠, 19.0%, 1216ppm,

♣: 0: 3%, 1: 20%, 2: 32%, 3: 20%, 4: 11%, 5: 10%, 6: 4%, 7: 0%,
◇: 0: 6%, 1: 30%, 2: 37%, 3: 17%, 4: 6%, 5: 3%, 6: 1%,
♥: 0: 8%, 1: 35%, 2: 41%, 3: 15%, 4: 2%,
♠: 1: 5%, 2: 15%, 3: 18%, 4: 35%, 5: 23%, 6: 4%, 7: 0%,
NT: 2: 14%, 3: 47%, 4: 33%, 5: 5%, 6: 0%,

4 ♠ — INWIT, 11–13 PC, ≥ 6 ♠, 1.2%, 79ppm,

♣: 1: 2%, 2: 19%, 3: 44%, 4: 19%, 5: 6%, 6: 7%, 7: 2%,
◇: 1: 3%, 2: 22%, 3: 50%, 4: 16%, 5: 2%, 6: 3%, 7: 3%,
♥: 1: 2%, 2: 29%, 3: 47%, 4: 17%, 5: 2%, 6: 3%,
♠: 5: 39%, 6: 41%, 7: 20%,
NT: 4: 48%, 5: 47%, 6: 6%,

1.4 Licytacja po odpowiedzi 2 ♠

W	N	E	S
1 NT	PASS	2 ♠	PASS
?			

2 NT — NF, 15–16 PC, 43.5%, 1289ppm,

♣: 0: 8%, 1: 22%, 2: 10%, 3: 26%, 4: 19%, 5: 10%, 6: 4%, 7: 1%,

◇: 0: 19%, 1: 32%, 2: 15%, 3: 21%, 4: 10%, 5: 3%, 6: 1%, 7: 0%,
 ♥: 0: 37%, 1: 42%, 2: 16%, 3: 4%, 4: 1%, 5: 0%,
 ♠: 0: 37%, 1: 42%, 2: 15%, 3: 4%, 4: 1%, 5: 0%,
 NT: 0: 1%, 1: 14%, 2: 50%, 3: 24%, 4: 8%, 5: 2%, 6: 1%, 7: 0%,

3 ♣ — NF, 16–17 PC, 56.5%, 1674ppm,

♣: 0: 3%, 1: 19%, 2: 15%, 3: 18%, 4: 24%, 5: 13%, 6: 6%, 7: 2%,
 ◇: 0: 11%, 1: 29%, 2: 22%, 3: 17%, 4: 15%, 5: 4%, 6: 1%, 7: 0%,
 ♥: 0: 19%, 1: 45%, 2: 26%, 3: 7%, 4: 2%, 5: 0%, 6: 0%,
 ♠: 0: 19%, 1: 46%, 2: 25%, 3: 8%, 4: 2%, 5: 1%, 6: 0%,
 NT: 0: 0%, 1: 4%, 2: 34%, 3: 45%, 4: 12%, 5: 4%, 6: 1%, 7: 0%,

W	N	E	S
1 NT	PASS	2 ♠	PASS
2 NT	PASS	?	

PASS — ≤ 9 PC, 55.6%, 719ppm,

♣: 0: 14%, 1: 40%, 2: 9%, 3: 26%, 4: 11%, 5: 1%, 6: 0%,
 ◇: 0: 15%, 1: 38%, 2: 9%, 3: 26%, 4: 11%, 5: 1%, 6: 0%,
 ♥: 0: 38%, 1: 53%, 2: 9%,
 ♠: 0: 37%, 1: 53%, 2: 10%,
 NT: 1: 15%, 2: 66%, 3: 18%, 4: 0%,

3 ♣ — NF, ≤ 8 PC, ≥ 6 ♣, 23.2%, 300ppm,

♣: 1: 3%, 2: 21%, 3: 47%, 4: 25%, 5: 3%, 6: 0%,
 ◇: 0: 47%, 1: 29%, 2: 11%, 3: 6%, 4: 6%, 5: 1%, 6: 0%,
 ♥: 0: 64%, 1: 30%, 2: 6%, 3: 0%,
 ♠: 0: 64%, 1: 29%, 2: 7%,
 NT: 0: 4%, 1: 27%, 2: 53%, 3: 16%, 4: 1%,

3 NT — INWIT, ≥ 9 PC, ≥ 6 ♣, 21.1%, 273ppm,

♣: 4: 35%, 5: 40%, 6: 20%, 7: 5%,
 ◇: 0: 3%, 1: 17%, 2: 32%, 3: 24%, 4: 10%, 5: 8%, 6: 4%, 7: 1%,
 ♥: 0: 4%, 1: 28%, 2: 38%, 3: 22%, 4: 6%, 5: 1%, 6: 0%,
 ♠: 0: 5%, 1: 27%, 2: 40%, 3: 20%, 4: 6%, 5: 1%, 6: 0%,
 NT: 3: 46%, 4: 37%, 5: 15%, 6: 2%, 7: 0%,

W	N	E	S
1 NT	PASS	2 ♠	PASS
3 ♣	PASS	?	

PASS — ≤ 6 PC, ≥ 6 ♣, 15.7%, 262ppm,

♣: 1: 2%, 2: 21%, 3: 49%, 4: 25%, 5: 3%, 6: 0%,
 ◇: 0: 46%, 1: 33%, 2: 8%, 3: 7%, 4: 5%, 5: 1%,
 ♥: 0: 64%, 1: 31%, 2: 5%,
 ♠: 0: 66%, 1: 29%, 2: 4%, 3: 0%,
 NT: 0: 2%, 1: 26%, 2: 58%, 3: 14%, 4: 0%,

3 NT — NF, ≥ 7 PC, 84.3%, 1405ppm,

♣: 0: 3%, 1: 23%, 2: 13%, 3: 13%, 4: 24%, 5: 15%, 6: 6%, 7: 2%,
 ◇: 0: 5%, 1: 29%, 2: 24%, 3: 19%, 4: 16%, 5: 5%, 6: 1%, 7: 0%,
 ♥: 0: 12%, 1: 49%, 2: 29%, 3: 8%, 4: 2%, 5: 0%, 6: 0%, 7: 0%,
 ♠: 0: 11%, 1: 50%, 2: 29%, 3: 8%, 4: 2%, 5: 0%, 6: 0%,
 NT: 2: 30%, 3: 51%, 4: 14%, 5: 4%, 6: 1%, 7: 0%,

1.5 Licytacja po odpowiedzi 2 NT

W	N	E	S
1 NT	PASS	2 NT	PASS
?			

3 ♣ — NF, 16–17 PC, $\geq 3 \diamond$, 36.1%, 478ppm,
 ♣: 0: 21%, 1: 23%, 2: 25%, 3: 16%, 4: 8%, 5: 4%, 6: 2%, 7: 0%,
 ◇: 1: 1%, 2: 6%, 3: 20%, 4: 31%, 5: 26%, 6: 13%, 7: 4%,
 ♥: 0: 30%, 1: 29%, 2: 24%, 3: 13%, 4: 4%, 5: 1%, 6: 0%,
 ♠: 0: 29%, 1: 29%, 2: 25%, 3: 13%, 4: 4%, 5: 1%, 6: 0%, 7: 0%,
 NT: 0: 1%, 1: 8%, 2: 25%, 3: 32%, 4: 24%, 5: 9%, 6: 1%, 7: 0%,

3 ◇ — NF, 63.9%, 845ppm,
 ♣: 0: 22%, 1: 24%, 2: 22%, 3: 14%, 4: 9%, 5: 5%, 6: 3%, 7: 1%,
 ◇: 1: 2%, 2: 10%, 3: 23%, 4: 29%, 5: 22%, 6: 10%, 7: 3%,
 ♥: 0: 32%, 1: 28%, 2: 23%, 3: 12%, 4: 4%, 5: 1%, 6: 0%, 7: 0%,
 ♠: 0: 32%, 1: 28%, 2: 24%, 3: 12%, 4: 4%, 5: 0%, 6: 0%,
 NT: 0: 2%, 1: 12%, 2: 26%, 3: 31%, 4: 19%, 5: 8%, 6: 2%, 7: 0%,

W	N	E	S
1 NT	PASS	2 NT	PASS
3 ♣	PASS	?	

3 ◇ — NF, ≤ 6 PC, $\geq 6 \diamond$, 25.8%, 120ppm,
 ♣: 0: 60%, 1: 25%, 2: 6%, 3: 5%, 4: 3%, 5: 0%,
 ◇: 1: 3%, 2: 26%, 3: 49%, 4: 20%, 5: 2%, 6: 0%,
 ♥: 0: 75%, 1: 22%, 2: 2%,
 ♠: 0: 77%, 1: 21%, 2: 2%,
 NT: 0: 4%, 1: 36%, 2: 55%, 3: 5%,

3 NT — NF, ≥ 6 PC, 74.2%, 346ppm,
 ♣: 0: 8%, 1: 24%, 2: 30%, 3: 19%, 4: 10%, 5: 6%, 6: 2%, 7: 1%,
 ◇: 3: 10%, 4: 33%, 5: 34%, 6: 17%, 7: 6%,
 ♥: 0: 13%, 1: 30%, 2: 33%, 3: 16%, 4: 6%, 5: 1%, 6: 0%, 7: 0%,
 ♠: 0: 14%, 1: 31%, 2: 32%, 3: 17%, 4: 6%, 5: 1%, 6: 0%,
 NT: 2: 14%, 3: 42%, 4: 30%, 5: 12%, 6: 2%, 7: 0%,

W	N	E	S
1 NT	PASS	2 NT	PASS
3 ◇	PASS	?	

PASS — ≤ 6 PC, $\geq 6 \diamond$, 31.1%, 261ppm,
 ♣: 0: 56%, 1: 25%, 2: 6%, 3: 8%, 4: 5%, 5: 1%,
 ◇: 1: 5%, 2: 29%, 3: 49%, 4: 15%, 5: 1%,
 ♥: 0: 75%, 1: 23%, 2: 2%,
 ♠: 0: 75%, 1: 23%, 2: 3%,
 NT: 0: 6%, 1: 35%, 2: 52%, 3: 7%, 4: 0%,

3 NT — INWIT, ≥ 7 PC, 68.9%, 579ppm,
 ♣: 0: 7%, 1: 22%, 2: 30%, 3: 17%, 4: 11%, 5: 7%, 6: 4%, 7: 1%,
 ◇: 3: 12%, 4: 38%, 5: 31%, 6: 14%, 7: 5%,
 ♥: 0: 12%, 1: 31%, 2: 33%, 3: 17%, 4: 5%, 5: 1%, 6: 0%,
 ♠: 0: 11%, 1: 32%, 2: 33%, 3: 17%, 4: 5%, 5: 1%, 6: 0%, 7: 0%,
 NT: 2: 16%, 3: 42%, 4: 28%, 5: 11%, 6: 2%, 7: 0%,

1.6 Licytacja po odpowiedzi 4 ◇

W	N	E	S
1 NT	PASS	4 ◇	PASS
?			

4 ♥ — NF, 100.0%, 925ppm,
 ♣: 0: 7%, 1: 26%, 2: 37%, 3: 18%, 4: 5%, 5: 5%, 6: 2%, 7: 0%,
 ◇: 0: 6%, 1: 26%, 2: 38%, 3: 17%, 4: 5%, 5: 5%, 6: 2%, 7: 0%,
 ♥: 3: 4%, 4: 40%, 5: 43%, 6: 12%, 7: 1%,
 ♠: 0: 9%, 1: 30%, 2: 39%, 3: 17%, 4: 3%, 5: 1%, 6: 0%,
 NT: 2: 5%, 3: 49%, 4: 40%, 5: 6%, 6: 0%,

W	N	E	S
1 NT	PASS	4 ♠	PASS
4 ♣	PASS	?	

PASS — 100.0%, 928ppm,

♣: 0: 7%, 1: 26%, 2: 37%, 3: 18%, 4: 5%, 5: 5%, 6: 2%, 7: 0%,
 ♠: 0: 7%, 1: 26%, 2: 37%, 3: 18%, 4: 5%, 5: 5%, 6: 2%, 7: 0%,
 ♣: 3: 5%, 4: 39%, 5: 43%, 6: 12%, 7: 1%,
 ♠: 0: 8%, 1: 31%, 2: 40%, 3: 16%, 4: 3%, 5: 2%, 6: 0%,
 NT: 2: 5%, 3: 48%, 4: 40%, 5: 6%, 6: 0%,

1.7 Licytacja po odpowiedzi 4 ♣

W	N	E	S
1 NT	PASS	4 ♣	PASS
?			

4 ♣ — NF, 100.0%, 950ppm,

♣: 0: 7%, 1: 26%, 2: 37%, 3: 18%, 4: 5%, 5: 5%, 6: 2%, 7: 0%,
 ♠: 0: 7%, 1: 26%, 2: 36%, 3: 18%, 4: 5%, 5: 5%, 6: 2%, 7: 0%,
 ♣: 0: 9%, 1: 30%, 2: 38%, 3: 17%, 4: 3%, 5: 2%, 6: 0%, 7: 0%,
 ♠: 3: 5%, 4: 39%, 5: 43%, 6: 12%, 7: 1%,
 NT: 2: 5%, 3: 48%, 4: 41%, 5: 6%, 6: 0%,

W	N	E	S
1 NT	PASS	4 ♣	PASS
4 ♣	PASS	?	

PASS — 100.0%, 960ppm,

♣: 0: 7%, 1: 27%, 2: 36%, 3: 18%, 4: 5%, 5: 5%, 6: 2%, 7: 0%,
 ♠: 0: 7%, 1: 26%, 2: 37%, 3: 17%, 4: 5%, 5: 5%, 6: 2%, 7: 0%,
 ♣: 0: 8%, 1: 30%, 2: 38%, 3: 17%, 4: 4%, 5: 3%, 6: 1%,
 ♠: 3: 5%, 4: 38%, 5: 44%, 6: 12%, 7: 1%,
 NT: 2: 6%, 3: 47%, 4: 41%, 5: 6%, 6: 0%,